Enrichment of Spermatogonial Stem Cells using Side Population in Teleost

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Enrichment of spermatogonial stem cells using side population in teleost[1]

Running title: Enrichment of fish spermatogonial stem cells

Summary sentence: The method for spermatogonial stem cell enrichment from type A spermatogonia using fluorescent intensity after Hoechst 33342 staining was established in rainbow trout.

Keywords: fish, flow cytometry, side population, Hoechst 33342 dye, spermatogonial stem cells, germ cell transplantation

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ABSTRACT

Spermatogenesis originates from a small population of spermatogonial stem cells; this population can maintain continuous sperm production throughout the life of fish via self-renewal and differentiation. Despite their biological importance, spermatogonial stem cells are not thoroughly characterized because they are difficult to distinguish from their progeny cells that become committed to differentiation. We previously established a novel technique for germ cell transplantation to identify spermatogonial stem cells based on their colonizing activity and their ability to initiate donor-derived gametogenesis in the rainbow trout (*Oncorhynchus mykiss*). Although spermatogonial stem cells can be retrospectively identified after transplantation, there is currently no technique to prospectively enrich for or purify spermatogonial stem cells. Here, we describe a method for spermatogonial stem-cell enrichment using side-population. With optimized Hoechst 33342 staining conditions, we successfully identified side-population cells among type A spermatogonia. Side-population cells were transcriptomically and morphologically distinct from non-side-population cells. To functionally determine whether the transplantable spermatogonial stem cells were enriched in the side-population fraction, we compared the colonization activity of side-population cells with that of non-side-population cells. Colonization efficiency was significantly higher with side-population cells

than with non-side-population cells or with total type A spermatogonia. In addition, side-population cells could produce billions of sperm in recipient. These results indicated that transplantable spermatogonial stem cells were enriched in the side-population fraction. This method will provide biological information that may advance our understanding of spermatogonial stem cells in teleosts. Additionally, this technique will increase the efficiency of germ-cell transplantation used in surrogate broodstock technology.

INTRODUCTION

Spermatogonial stem cells (SSCs) are responsible for maintaining spermatogenesis [1, 2]. SSCs can undergo self-renewal and produce differentiated germ cells that are committed to becoming mature spermatozoa. However, despite their biological importance, SSCs are difficult to study because distinguishing them from cells committed to differentiation is technically challenging. Currently, only a few SSC markers are available in a limited number of animal species. In mice, germ-cell transplantation can be used to retrospectively identify SSCs based on their biological function [3, 4]. Testicular germ cells transplanted into the seminiferous tubules of infertile recipient mice can reinitiate spermatogenesis and produce large numbers of functional sperm over a prolonged period, indicating that the transplanted cells include a population of cells that behave as SSCs. This technique has allowed important breakthroughs to be made in mammalian SSC research [5].

Reproductive strategies differ greatly among fish taxa. Some species have a defined breeding season, and others are highly reproductively active throughout the year [6]. Most salmonid species produce gametes only once during their life cycle (semelparity) [7-9]; however, some salmonids, including trout and char, undergo repeated spawning (iteroparity) [10-12]. Moreover, some fish species can perform sex reversal during their life cycle (hermaphroditic) [13]. Although SSCs might play

pivotal roles in the abovementioned reproductive strategies, they have not yet been well studied in fish. Improving our knowledge of fish SSCs could help to reveal the mechanisms underlying fish reproductive diversity.

To identify SSCs in fish, we previously established a novel method of transplanting germ cells based on their biological function in the rainbow trout (*Oncorhynchus mykiss*) [14]. Not all but only a portion of the testicular germ cells transplanted into the peritoneal cavity of recipient embryos migrated toward and then colonized the embryonic gonad; subsequently, these colonizing cells produced large numbers of functional sperm for several years. These results have provided functional evidence that the transplanted testicular germ cells included SSCs. Furthermore, no significant difference was observed between the percentage of recipient embryos with colonizing donor germ cells and the percentage of mature recipient fish that produced donor-derived sperm [14], demonstrating that the colonizing germ cells behaved as SSCs in the recipient gonads.

In addition, a previous study revealed that among testicular germ cells, type A spermatogonia (A-SG) have colonizing activity, but type B spermatogonia, spermatocytes, and spermatids do not [15]. More importantly, only 0.046% of transplanted A-SG colonized the recipient gonad [14]; in contrast, about 10% of transplanted primordial germ cells, all of which are likely to have the colonization activity,

colonized the recipient gonad [16]. Therefore, A-SG constitute a heterogeneous population that includes cells with colonizing activity and those without. In other words, it appears that only some A-SG possess stem cell activity. Although colonizing SSCs can be retrospectively identified after transplantation and subsequent analyses, a technique to prospectively enrich for or purify teleost SSCs has not been developed.

Stem cells in many self-renewing tissues, including mouse bone marrow, can be found among side-population (SP) cells that are characterized by the ability to exclude Hoechst 33342 dye (H33342) [17]. Members of the ATP-binding cassette (ABC) transporter family are responsible for this exclusion activity. However, the utility of this method to enrich for rodent SSCs remains controversial [18-22]. Here, in order to prospectively enrich for teleost SSCs that can be used for transplantation, we analyzed whether SSCs were enriched among SP cells.

MATERIALS AND METHODS

Ethics

All experiments described herein were carried out in accordance with the Guide for the Care and Use of Laboratory Animals from Tokyo University of Marine Science and Technology.

Preparation of suspensions of testicular cells

Testes were collected from 10- to 15-mo-old p*vasa-GFP* transgenic rainbow trout; at this stage, germ cells are A-SG with strong GFP intensity [15, 23]. Not all but only a portion of the A-SG isolated at this stage can colonize and undergo self-renewal in recipient gonads following transplantation [14]. Approximately 4 million testicular cells could be obtained from a single fish. Testes from 15 to 30 fish were pooled and dissociated as described in Okutsu et al. [14]. Dissociated testicular cells were washed three times with L-15 medium (pH 7.8) (Life Technologies, Carlsbab, CA) supplemented with 10% fetal bovine serum (FBS; Life Technologies), 25 mM HEPES (Sigma, St. Louis, MO), and antibiotics (50 μg/ml of ampicillin, 50 U/ml of penicillin, and 50 μg/ml of streptomycin; all antibiotics were from Wako, Osaka, Japan) to eliminate enzyme activity; cells were collected after each wash via centrifugation.

Flow-cytometric analysis and cell sorting

Dissociated testicular cells were diluted to 1 x 10^6 cells/ml in L-15 medium (pH 7.8) (Life Technologies) supplemented with 10% FBS (Life Technologies), 25 mM HEPES (Sigma), and antibiotics; 1-ml samples were then dispensed into 2-ml plastic tubes, and stained with H33342 (Dojindo, Kumamoto, Japan). We initially tested combinations of the following conditions: H33342 at concentrations of 5, 10, 15, 20, 25, 50, or 100 μg/ml; staining times of 1.5, 2, 3, 4, 6, 8, 10, 12, or 15 h; and temperatures of 10, 14, 16, or 18°C. For subsequent experiments, we used an optimized staining condition, which was 5 μg/ml H33342 for 10 h at 16°C. To inhibit the ABC transporters, verapamil (Sigma) was added to the H33342 staining solution at a final concentration of 30 μg/ml. Before each analysis, propidium iodide (PI; Dojindo) was added to each sample at a final concentration of 1 μg/ml to eliminate dead cells from the sorting gates.

A MoFlo XDP (Beckman Coulter, Miami, FL) equipped with a 355-nm Xcyte laser and a 488-nm sapphire laser was used for flow cytometry and cell sorting. A 529-nm band-pass filter was used to detect GFP. Hoechst blue and Hoechst red were detected using 457- and 670-nm band-pass filters, respectively. Green fluorescence was measured using a logarithmic amplifier; Hoechst blue and

red were measured using linear amplifiers. Cells were sorted through a 100-μm flow cell under 30-psi sheath-fluid pressure. Cell sorting was carried out at a rate of 2,000–5,000 counts/s using the Purify Mode.

Short-term culture of A-SG

SP cells and non-SP cells were cultured essentially as described in Shikina et al. [24], but with several modifications. Cells were seeded at a concentration of 1.3 x 10^4 cells/well in 96 well plate and cultured at 10°C in L-15 medium (pH 7.8) (Life Technologies) supplemented with 10% FBS (Life Technologies), 25 mM HEPES (Sigma), and antibiotics. After 3 days of culture, the number of viable A-SG that expressed GFP was determined using the Guava PCA-96 flow cytometry system (Millipore, Billerica, MA).

Microarray Experimental Design

Microarray analysis was performed using a custom-made 60-mer oligo microarray [25] (GPL17533; Agilent Technologies, Santa Clara, CA). Gene expression analysis is greatly affected by genetic heterogeneity among samples. However, no inbred strains of rainbow trout have been

established, and intrinsic genetic heterogeneity of the fish used in independent experiments was unavoidable. Therefore, to estimate and remove biases of parental fish groups from expression values (see Microarray Data and Statistical Analysis section), SP and non-SP cells were collected from three independent cell-sorting events that each involved three different groups of parental fish. Preparation of labeled cRNA and hybridization were performed as described in Hayashi et al. [25]. A GenePix 4000B scanner (Molecular Devices, Sunnyvale, CA) was used to scan each array. Each array was scanned twice at different sensitivity levels to improve the accuracy of signal measurements. Feature Extraction 9.5 (Agilent Technologies) was used to extract signal data, and the data were deposited in the Gene Expression Omnibus (GEO) under accession no. GSE49565.

Processing and statistical analysis of microarray data

The gProcessedSignal values calculated from scanned images at different sensitivities were combined to obtain the raw expression value for each spot [26]. The raw values were then normalized across samples using quantile normalization. For each probe, the following linear model was fitted to the normalized expression value:

$$S_{ijkl} = C_i + G_j + C_i{:}G_j + N_l + \varepsilon_{ijkl.}$$

where S is the $\log_2$ signal intensity of the normalized expression value, C, G, and N are the cell type, group, and scan effects, respectively, ε is the residual, and $C:G$ is an interaction term. The estimated values for cell types were used for further statistical analyses. An empirical Bayes method (limma package in Bioconductor, http://www.bopconductor.org) was used for variance shrinkage. The P-values were corrected for multiple tests using Storey's false discovery rate to obtain q-values [27]. The abovementioned procedures were performed using R, limma package in Bioconductor (http://www.bopconductor.org), and custom R scripts.

Morphological analysis of sorted cells

Hematoxylin-eosin (HE) staining was performed with smeared samples of sorted cells to analyze the morphology of SP and non-SP cells. Approximately 1 x 10^5 sorted cells were fixed in Bouin's solution, and smears were prepared on glass slides coated with Matsunami adhesive silane (MAS) (Matsunami Glass Co. Ltd., Osaka, Japan). Samples were dried overnight at room temperature; slides were then rinsed with phosphate-buffered saline (PBS) before HE staining. Stained samples were analyzed as described by Loir to determine cell size and the number of dense bodies (nucleoli and

heterochromatin masses) per cell [28]. Cell size was measured using ImageJ software (National Institutes of Health, Bethesda, MD).

Germ-cell transplantation assay

Cells isolated from *vasa*-GFP-positive A-SG based on H33342 fluorescence were transplanted into the peritoneal cavity of non-transgenic rainbow trout hatchlings as described by Okutsu et al. [14]. Isolated cells were suspended in Eagle's MEM (Nissui, Tokyo, Japan) supplemented with 20 mM HEPES (Sigma) and 5% FBS (Life Technologies). For each injection, approximately 150 cells were injected into the peritoneal cavity of one recipient non-transgenic hatchling in the present study. At 20 or 100 days post-transplantation (dpt), recipient embryos were dissected, and the percentage of recipient fish that had transplanted A-SG colonizing their genital ridge among all injected recipient was determined by observing the recipient gonads under a fluorescence microscope (model BX-51-34FL; Olympus).

Progeny Tests

We used triploid, sexually undifferentiated recipients to determine whether transplanted,

donor SP cells could give rise to functional sperm. Triploid recipients were produced as described in Okutsu et al. [29]. To determine the sex of recipients that had matured to the hatchling stage, total genomic DNA was extracted from the fin of recipients and subjected to PCR analyses with *sdY*-specific primers, 5'-ATGGCTGACAGAGAGGCCAGAATCC-3' and 5'-CTTAAAACCACTCCACCCTCCAT-3'. *sdY* is a male-specific genomic sequence on the Y chromosome [30]. After recipients had matured at 2 years old, milt produced by each male recipient was obtained by applying abdominal pressure. To determine the production of spermatozoa derived from donor SP cells, total genomic DNA was extracted from the milt of recipients and subjected to PCR analyses with *Gfp*-specific primers, 5'-GACGTAAACGGCCACAAGT-3' and 5'-TCCAGCAGGACCATGTGAT-3'. *β-actin* was used as an internal control for PCR; the *β-actin* primers were 5'-AGCCCAAACCCAGCTTCTCA-3' and 5'-AGAGGTCACACTCGGGTTCATT-3'. The number of donor-derived spermatozoa was calculated as described in Okutsu et al. [14]. To obtain offspring originating from sperm derived from donor SP cells, sperm obtained from triploid recipients were used for *in vitro* fertilization of eggs obtained from non-transgenic wild-type rainbow trout. As donor SP cells had been obtained from donor fish that were hemizygous for p*vasa-GFP* (*Gfp*/-) and heterozygous for a mutation that causes a dominant orange color[31] (OR/wild-type (WT)), F1 larvae

would be expected to exhibit a 50% ratio of the dominant donor phenotypes (OR/WT; *Gfp*/-) following Mendelian inheritance.

Statistical Analysis

In this study, multiple statistical methods were used. The statistical methods used for analysis of microarray data are described in "*Processing and statistical analysis of microarray data*" section. Dunnett's test was used for multiple comparison of the average percentage of PI-positive cells by comparisons with control in the experiment used to optimize Hoechst staining. The student's t-test was used for comparisons between verapamil-treated and untreated A-SG populations with regard to the percentage of SP cells. The student's t-test was also used for comparisons between SP and non-SP cells with regard to cell survival rates. Wilcoxon rank sum test, which is a non-parametric test for comparing two samples, was used for comparison between SP and non-SP cells with regard to cell size. The chi-square test was used for comparison between SP and non-SP cells with regard to the percentage of cells with only a single dense body and for comparison the rate of recipient fish with transplanted cells. Fisher's exact test was used for comparison the distribution of the number of recipients with each number of incorporated donor cells. Statistical significance levels were set to P-value < 0.05 and

q-value < 0.05.

RESULTS

Identification of SP cells in A-SG

In this study, to enrich for SSCs in rainbow trout, we focused on SP. To investigate whether a portion of A-SG in rainbow trout exhibit a SP phenotype, we optimized H33342 concentration and staining temperature and time to achieve maximum differential staining between SP and non-SP cells. Cells derived from mouse bone marrow usually take up stain when exposed to 5 μg/ml H33342 for 1.5 h at 37°C [17]. However, rainbow trout are reared in cold fresh water (10°C), and rainbow trout germ cells are damaged at temperatures over 20°C [32]. In order to avoid damaging the rainbow trout germ cells, we modified the mouse protocol by changing only staining temperature, and used 5 μg/ml H33342 for 1.5 h at 18°C. However, this condition was not enough to saturate H33342 staining of A-SG nuclei. The coefficient of variation (CV) value of G0/G1 cells was more than 20, and this staining condition did not split A-SG into SP cells and non-SP cells (Fig. 1 A-C). To determine the appropriate staining conditions that would saturating H33342 staining and minimize negative effects on cell viability, we tested combinations of the following conditions: H33342 concentrations of 5, 10, 15, 20, 25, 50, or 100 μg/ml; staining times of 1.5, 2, 3, 4, 6, 8, 10, 12, or 15 h; and temperatures of 10, 14, 16, or 18°C. Initially, we assessed the effect of H33342 concentration on testicular cell viability. For 1.5 h

(the shortest staining time) at 10°C (the lowest temperature), forward scatter (FS) and side light scatter (SS), which are indicators of the condition of cell membrane, were analyzed. At H33342 concentrations of 50 or 100 μg/ml, FS was reduced and SS was increased (Fig. S1 A-H). These results indicated that testicular cells were damaged with these H33342 concentrations. In addition, with a H33342 concentration of 20 or 25 μg/ml, the rate of PI-positive cells was significantly increased (Fig. S1I). Therefore, we used only H33342 concentrations of 5, 10, or 15 μg/ml to optimize staining time and temperature. We found that the following eight sets of staining conditions each resulted in saturated H33342 staining of A-SG nuclei and very minimal negative effects on testicular cell viability: 5 μg/ml H33342 for 10 h 16°C, 5 μg/ml H33342 for 10 h 18°C, 10 μg/ml H33342 for 8 h 14°C, 10 μg/ml H33342 for 3 h 16°C, 10 μg/ml H33342 for 3 h 18°C, 15 μg/ml H33342 for 6 h 14°C, 15 μg/ml H33342 for 3 h 16°C or 15 μg/ml H33342 for 2 h 18°C (Table S1). For each set of conditions, the CV value of G0/G1 was less than 7 (Table S1). When selecting the optimal set of staining conditions for subsequent experiments, we recognized that higher H33342 concentrations had negative effects on cell viability; therefore, we chose from among the two sets of conditions with the lowest H33342 concentration, 5 μg/ml H33342 for 10 h 16°C and 5 μg/ml H33342 for 10 h 18°C, and selected set with the lowest temperature. When A-SG were stained with 5 μg/ml H33342 for 10 h 16°C, the SP cells in A-SG could

be identified by their low fluorescence (Fig. 1 D and E). The percentage of SP cells was 5.65 ± 0.61% of all A-SG. To investigate whether ABC transporters caused the low fluorescence of SP cells, A-SG were stained with H33342 in the presence of verapamil, which is an inhibitor of ABC transporters. The verapamil treatment resulted in a significant decrease in the percentage of SP cells (1.23 ± 0.18%; *P*-value < 0.05; Student's t-test) (Fig. 1F), indicating that the low H33342 fluorescence of SP cells resulted from ABC transporter activity.

To prepare suspensions of testicular cells, testes were dissociated with trypsin for 2 h. Before H33342 staining, this treatment may have affected cell viability, and only healthy cells may have exhibited an SP phenotype. In other words, A-SG might be subdivided into healthy and unhealthy cells that correspond to SP cells and non-SP cells, respectively. To compare the health of SP cells with that of non-SP cells, we analyzed the survival rate after culturing each cell population *in vitro* for 3 days. After 3 days of culture, the cell size and GFP intensity were similar to those of the cells just after collection (data not shown). No significant difference was observed between the survival rate of SP cells and that of non-SP cells (Fig. 2A), suggesting that the difference between SP cells and non-SP cells was not caused by differences in cell viability.

To investigate whether SP cells were transcriptomically distinct from non-SP cells,

microarray analysis was used to compare genome-wide gene expression in SP cells with that in non-SP cells. The statistical analysis indicated that for 16,148 probes (28.9% of the all the printed probes) the level of expression differed significantly between the two cell types (q-value < 0.05; see Materials and Methods) (Fig. 2B) (Table S2). Among these 16,148 probes, 8,350 probes showed higher expression in SP cells than in non-SP cells (maximum value of log2 (SP / non-SP) was 3.76, minimum value was 0.23); additionally 7,798 probes showed lower expression (minimum value of log2 (SP / non-SP) was -5.66, maximum value was -0.22) in SP cells than in non-SP cells (Fig. 2B). This result indicated that the mRNA expression profile of SP cells differed significantly from that of non-SP cells.

Morphological characterization of SP cells

To investigate whether SP cells constituted an SSCs-enriched fraction, we characterized and compared between the morphology of SP and non-SP cells. Cell morphology was assessed, as described by Loir [28], with regard to cell size and the number of dense bodies per nuclei. The percentage of cells containing only a single dense body among all cells in a population was higher for the SP population (31.4%; $N = 102$) than for the non-SP population (15.4%; $N = 104$) (P-value < 0.05; Chi-square test) (Fig. 3 A–C). In addition, SP cells were significantly larger than non-SP cells (Fig. 3 A, B, and D).

Transplantation assay of SP cells in A-SG

To investigate whether SP cells had higher colonizing activity in recipient gonads, approximately 150 SP cells or non-SP cells isolated from p*vasa-GFP*-positive A-SG were transplanted into the peritoneal cavity of each recipient embryo. This number of transplanted cells was fewer than that in our previous study [14] to avoid saturating the colonization rate. At 20 dpt, GFP-labeled SP cells colonized the recipient gonads (Fig. 4 A and D). Notably, the colonization efficiency of SP cells was significantly higher than that of non-SP cells or of unsorted A-SG (Table 1). Additionally, the number of cells that incorporated into the gonads of each recipient embryo was significantly greater for SP cells than for non-SP cells (Fig. 4G). For non-SP cells, the maximum number of incorporated cells per gonads of each recipient embryo was two; in contrast, the maximum number of incorporated SP cells was 10. Among all recipients transplanted with SP cells, 24.7% (23/93) recipients carried greater or equal to two donor-derived germ cells in the gonads. Only 14.1% (12/85) or 2.9% (2/70) of the recipients that were transplanted with total A-SG or non-SP cells, respectively, carried greater or equal to two donor-derived germ cells in the gonads. Although it is difficult to completely exclude the possibility that some incorporated cells had proliferated, it is most likely that the number of cells in each

recipient reflected the number of incorporated cells.

To further investigate whether colonizing SP cells were able to proliferate and to form colonies of descendants, we examined recipient gonads at 100 dpt. A colony of transgenic cells formed from descendants of transplanted SP cells (Fig. 4 B and E). Importantly, transplanted SP cells from A-SG were also able to colonize the ovaries of female recipients and differentiated into oocytes (Fig. 5 C and F). The colony-formation efficiency of SP cells was significantly higher than that of non-SP cells or of unsorted A-SG in both sexes (Table 2). In addition, no significant difference was observed between the colonization rate of SP cells at 20 dpt and at 100 dpt for all recipients, regardless of sex (P-value > 0.05; Chi-square test). These results indicated that SP cells that had colonized recipient gonads were able to proliferate and reinitiate gametogenesis.

In order to determine whether colonizing SP cells differentiated into functional sperm in recipient gonads, we used mature male recipients to perform progeny tests. We transplanted diploid SP cells from p*vasa-GFP* hemizygous (*Gfp*/-) fish that were also heterozygous (OR/WT) for a mutation that causes a dominant orange-colored phenotype [31] into non-transgenic wild-type triploid (-/-/-; WT/WT/WT) recipients that produce aneuploid sperm. Among the 16 recipient fish, 9 fish were male (Fig. 5A), and they each produced milt. To determine whether the sperm carried the p*vasa-GFP*

290 transgene, we initially performed PCR analysis. *Gfp* was evident in milt samples from only three of the nine males (33.3%) (Fig. 5B). The average number of haploid sperm derived from donor SP cells was $5.42x10^8$ (range, 1.04-$13.48x10^8$). Each of the three *Gfp*-positive milt samples was used to inseminate eggs obtained from a non-transgenic wild-type (-/-; WT/WT) rainbow trout. After the FI embryos hatched, the ratio of p*vasa*-GFP-positive to p*vasa*-GFP-negative and the ratio of orange-colored trout to 295 wild-type trout were analyzed. Both ratios were nearly 1:1 (Fig. 5 C-H, Table 3). These results indicated that 33.3% (3/9) of the male recipients produced donor-derived sperm that descended from colonizing SP cells. Furthermore, this percentage was not significantly different from the percentage of recipients colonized at 20 dpt (P-value > 0.05; Chi-square test) or of male recipients colonized at 100 dpt (P-value > 0.05; Chi-square test). In contrast, no male recipients transplanted with non-SP cells (N = 6) or with 300 unsorted A-SG (N = 6) produced donor-derived sperm.

DISCUSSION

We demonstrated that SP cells have higher colonizing activity than non-SP cells or unsorted A-SG and that they can initiate gametogenesis in gonads of recipient fish. In addition, colonizing SP cells were able to produce billions of functional sperm in individual recipient males. Once fish spermatogonia are committed to differentiation, they lose their self-renewal activity and possess only a limited ability to proliferate [33]. In rainbow trout, differentiated spermatogonia are reported to undergo mitosis no more than seven times, followed by two consecutive cycles of meiosis [28]; thus, one founder spermatogonium can produce up to 512 spermatozoa. In this study, the maximum number of incorporated SP cells per recipient was only 10. To produce billions of sperm, individual incorporated SP cells must have undergone mitosis more than 20 times, which was far more than predicted proliferation rate. Previously, we have also shown that colonizing germ cells produced functional gametes for at least three consecutive spawning seasons [14, 34]. The data indicated that colonizing SP cells subsequently 1) behaved as SSCs in recipient gonads; 2) had very high, possibly unlimited, capacity for self-renewal; and 3) could differentiate into spermatozoa. Therefore, we concluded that SSCs possessing high colonizing activity were enriched in the SP fraction. The SP analysis established in this study succeeded in prospectively enriching SSCs prior to using transplantation in fish.

In the transplantation assay, not only SP cells but also a portion of non-SP cells were incorporated into the recipient gonads and formed colonies. These data indicate that SSCs are also contained in non-SP cells. However, the colonization efficiency of SP cells was significantly higher than that of non-SP cells or of unsorted A-SG. Furthermore, the male recipients transplanted with SP cells produced donor-derived sperm; however, those with non-SP cells or with unsorted A-SG did not. Therefore, we concluded that SP cells have a greater percentage of SSCs possessing high colonizing activity than non-SP cells and unsorted A-SG.

Since SP cells are characterized by the ability of the ABC transporter to exclude H33342, it was possible that SP phenotype reflected only their healthiness. Consequently, SP cells may show the higher colonizing activity in transplantation assay. However, we detected no difference between the healthiness of SP cells and that of non-SP cells in an *in vitro* cell culture assay, suggesting that SP cells were an intrinsically different cell population from non-SP cells.

Although fish SSCs are expected to play pivotal roles in fish reproductive systems, very few studies have been conducted on these cells. The identification and isolation of SSCs are initial steps that are critical to further studies on teleost SSCs. Antibodies against the cell-surface antigens specific to SSCs are widely used to enrich for mouse SSCs [18, 35-39]. However, no such marker is currently

available for fish SSCs, and antibodies against mammalian antigens do not cross-react with rainbow trout homologs. Additionally, the vast genetic diversity among teleost species may hamper successful application of an antibody developed for one particular species to a wide variety of species; production of a versatile antibody that recognizes the SSCs of various fish species would be challenging. By contrast, SP analyses based on simple H33342 staining under the appropriate conditions may allow for SSCs to be enriched from total A-SG populations collected from different species. Although A-SG isolated from p*vasa–GFP* transgenic rainbow trout were used as the starting material in this study, we previously established a method for enrichment of A-SG that did not require transgenes. A-SG have light-scatter properties that distinguish them from other types of testicular cells [40]. Based on these light-scattering characteristics, A-SG can be isolated with a flow cytometer [40]. Combining A-SG purification by flow cytometry and SSC enrichment by SP isolation may become a powerful and applicable approach to enriching for SSCs from many fish species, even without transgenesis.

Morphological analysis revealed that the cells that possessed fewer dense bodies and were larger in size were enriched among SP cells. Loir [28] previously reported that A-SG were segregated into two types: A1-SG and A2-SG. A1-SG are larger in size and have fewer dense bodies visible within nuclei, and A2-SG are smaller in size and have more dense bodies. Loir speculated that A2-SG were

more differentiated than A1-SG, although there was no functional evidence supporting this hypothesis. SP cells, which were enriched with transplantable SSCs relative to non-SP cells, were also enriched for cells that exhibited the characteristics of A1-SG; therefore, our results were consistent with Loir's hypothesis [28], and some or all A1-SG might behave as SSCs.

Despite previous efforts, whether mouse SSCs can be enriched via isolation of SP cells remains unclear [18-22]. The staining conditions used differed slightly among these mouse studies. A comparison of these experiments revealed that milder staining conditions: 5 μg/ml H33342 at 32°C or 2.5 μg/ml H33342 at 37°C, appeared to correlate with successful enrichment for SSCs in SP cells [19-21], whereas severer conditions: 4 μg/ml H33342 at 35°C or at 37°C, did not [18, 22]. In each of these mouse experiments enrichment for SSCs was evaluated by functional assays, such as transplantation. Therefore, we speculated that some of the mouse SP cells were partially damaged with severer staining conditions and that the damaged cells lost the ability to reinitiate spermatogenesis in recipient testis. Nevertheless, we suspect that each group was enriched with SSCs. Actually, our efforts to optimize the staining conditions revealed that each variable—staining temperature, H33342 concentration, and staining time—had a large effect on SP cell detection and A-SG viability. Within a narrow range of staining conditions, A-SG could be reproducibly separated into SP and non-SP cells

with little effect on viability. Therefore, to identify SP cells, it is essential to determine the appropriate set of staining conditions that allow SP cells to be separated from non-SP cells, but that do not affect cell viability.

Based on both on successful transplantation and on morphological characteristics, A-SG have previously been regarded as a heterogeneous population of cells [14, 28]. However, only indirect evidence for this supposition has been obtained previously because the techniques used in the previous studies could not separate A-SG into subpopulations. Here, we successfully used the SP phenotype to identify and harvest two distinct subpopulations from an A-SG population; these subpopulations differed from each other transcriptomically, morphologically, and functionally. Further characterization of these subpopulations will improve our understanding of fish SSCs and teleost SSC differentiation. The SSC-enrichment technique established in this study is important to the field of stem cell biology, and it is also a powerful tool for biotechnology. Previously, we established a germ cell transplantation technique that can produce gametes from commercially valuable and/or endangered species via surrogate parents in salmonids [29, 34]. This technology was recently applied to commercially important marine teleosts [41-44]. Furthermore, successful transplantation of A-SG into testes of adult recipients was also performed with pejerrey, tilapia, and zebrafish [45-47]. Combining our method for enrichment of SSCs

that have higher colonizing activity and the techniques for germ cell transplantation could allow for the efficient production of gametes of valuable and/or endangered species.

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FIGURE LEGENDS

Fig. 1. Detection of SP cells in A-SG. (A) A-SG with GFP fluorescence were gated; x- and y-axis indicate GFP intensity and cell count, respectively. (B-F) Testicular cells derived from p*vasa–GFP* transgenic rainbow trout were stained with 5 μg/ml H33342 for 1.5 h at 18°C (B and C) or with 5 μg/ml H33342 for 10 h at 16°C (D-F). Verapamil was added to inhibit ABC transporters (F). GFP-positive A-SG, which were gated in (A) were analyzed at two emission wavelengths (x-axis, Hoechst red; and y-axis, Hoechst blue) (C, E, F). The CV values of G0/G1 were calculated (B, D); x- and y-axis indicate cell count and the intensity of Hoechst blue, respectively (B, D). The areas shown for SP and non-SP (E) indicate the gates used for flow-cytometric cell sorting.

Fig. 2. Comparison between SP cells and non-SP cells with regard to healthiness and transcriptome. (A) Survival rate of SP or non-SP cells was relative value of culture cell number after 3 days with the initial cell number. * *P*-value > 0.05. Significance was calculated using the student's t-test. (B) Distribution of $\log_2$ ratios of expression levels between SP and non-SP cells in microarray analysis. X-axis indicates the $\log_2$ ratios of expression levels between SP and non-SP cells, which were calculated to remove the biases of parental fish groups from expression values. In all, there were 55,928 probes

(blue, red, and orange). The numbers of probes that showed significantly higher (red) or lower (orange) expression in SP cells than in non-SP cells were 8,350 or 7,798, respectively (q-value < 0.05; see Materials and Methods).

Fig. 3. Morphological characteristics of SP cells. Smeared HE-stained SP cells (A) or non-SP cells (B). Scale bar, 10 μm. (C) Distribution of the number of dense bodies per SP cell and non-SP cell. Red, yellow, green, and blue colors indicate 1, 2, 3, or 4+ dense bodies, respectively. (D) Size distribution of SP cells (red) and non-SP cells (blue). The number of SP cells and non-SP cells observed were 102 and 104, respectively. Significance was calculated using the Wilcoxon rank sum test. Significance was calculated by comparisons between SP and non-SP cells with regard to cell size. *P*-value < 0.05.

Fig. 4. SP cells in recipient gonads after transplantation. GFP-labeled SP cells were incorporated into the recipient gonad at 20 dpt (A and D). Arrowheads indicate transplanted SP cells with GFP fluorescence. Broken lines indicate recipient gonad. Incorporated SP cells had proliferated in recipient testis by 100 dpt (B and E). SP cells isolated from A-SG proliferated and differentiated into oocytes in a recipient ovary at 100 dpt (C and F). Bright-field images (A–C) and corresponding GFP-fluorescent images (D–F) are

shown. Scale bars, 20 μm (A and D) and 100 μm (B, C, E, and F). (G) Number of cells incorporated into the gonads of a recipient embryo at 20 dpt. Each circle indicates the data point associated with an individual recipient. Y-axis indicates the number of GFP-labeled cells that were incorporated into the gonads of an individual recipient embryo. The numbers of recipients carrying greater or equal to one donor-derived germ cells were listed in Table 1. * *P*-value < 0.05; Significances were calculated using Fisher's exact test.

Fig. 5. Donor-derived sperm and F1 offspring obtained from progeny tests. (A) Sex of each recipient was analyzed by PCR with *sdY*-specific primers. This gene is a male-specific genomic sequence on the Y chromosome [30]. (B) PCR analysis of milt obtained from *sdY*-positive males with *Gfp*-specific primers. Each milt sample obtained from a p*vasa-GFP* transgenic rainbow trout or a non-transgenic rainbow trout was used as positive control (P.C.) or a negative control (N.C.), respectively. (C-H) Newly hatched F1 offspring derived from WT (C) and the triploid recipient with transplanted SP cells (D). Approximately 50% F1 offspring derived from the recipients exhibited orange-colored phenotype (arrow in D). Gonads of F1 offspring derived from WT (E and G) and triploid recipients with transplanted SP cells (F and H). Germ cells were labeled by GFP in the gonads of approximately 50%

of F1 offspring derived from the recipients (F and H). Broken lines indicate the gonad of the F1 offspring shown in C (E and G) and in D (F and H). Bright-field images (E and F) and corresponding GFP-fluorescent images (G and H) are shown. Scale bars, 20 μm.

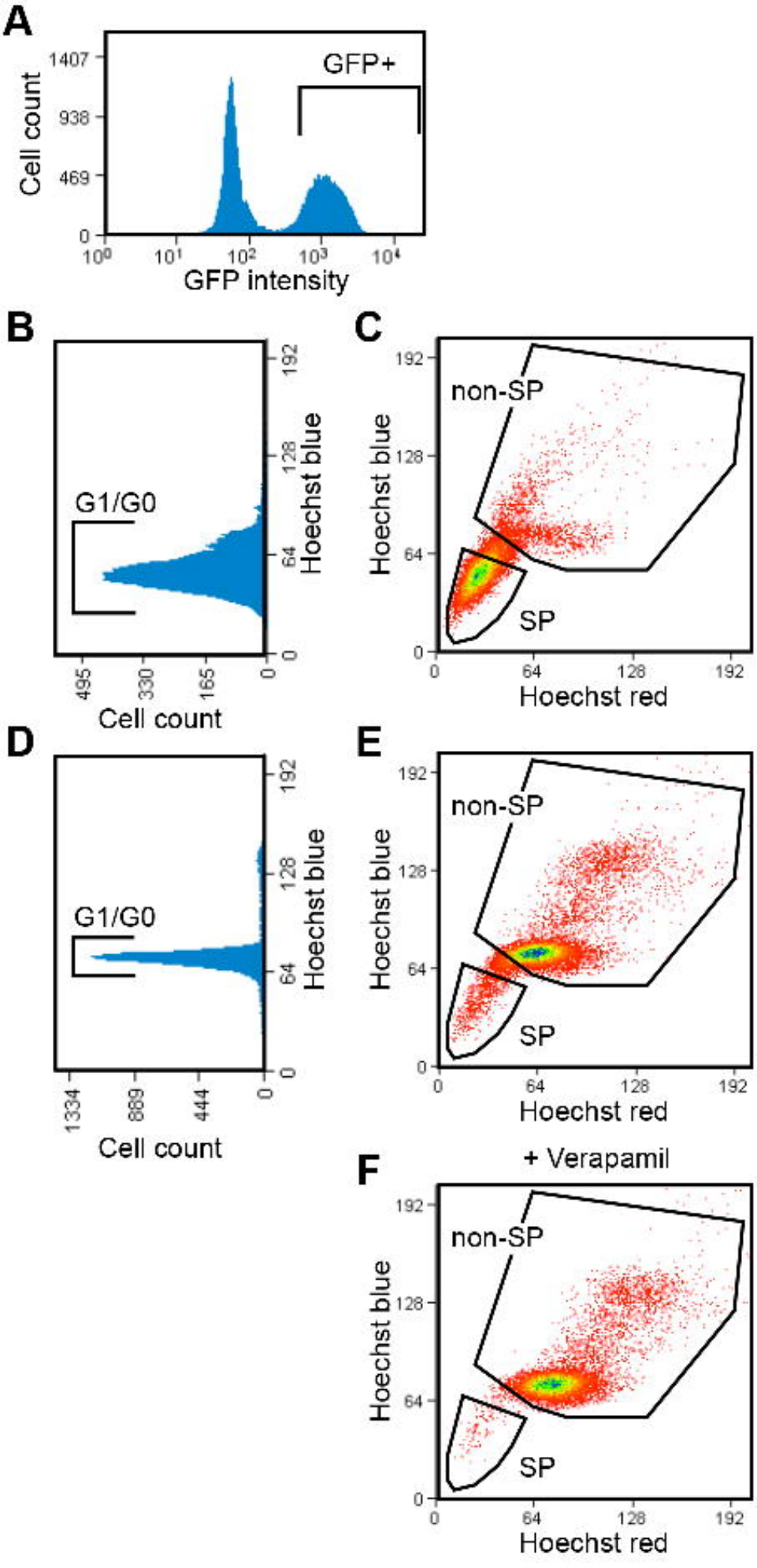

A
GFP+
Cell count
GFP intensity
B
G1/G0
Hoechst blue
Cell count
C
non-SP
SP
Hoechst blue
Hoechst red
D
G1/G0
Hoechst blue
Cell count
E
non-SP
SP
Hoechst blue
Hoechst red
+ Verapamil
F
non-SP
SP
Hoechst blue
Hoechst red

Figure 1

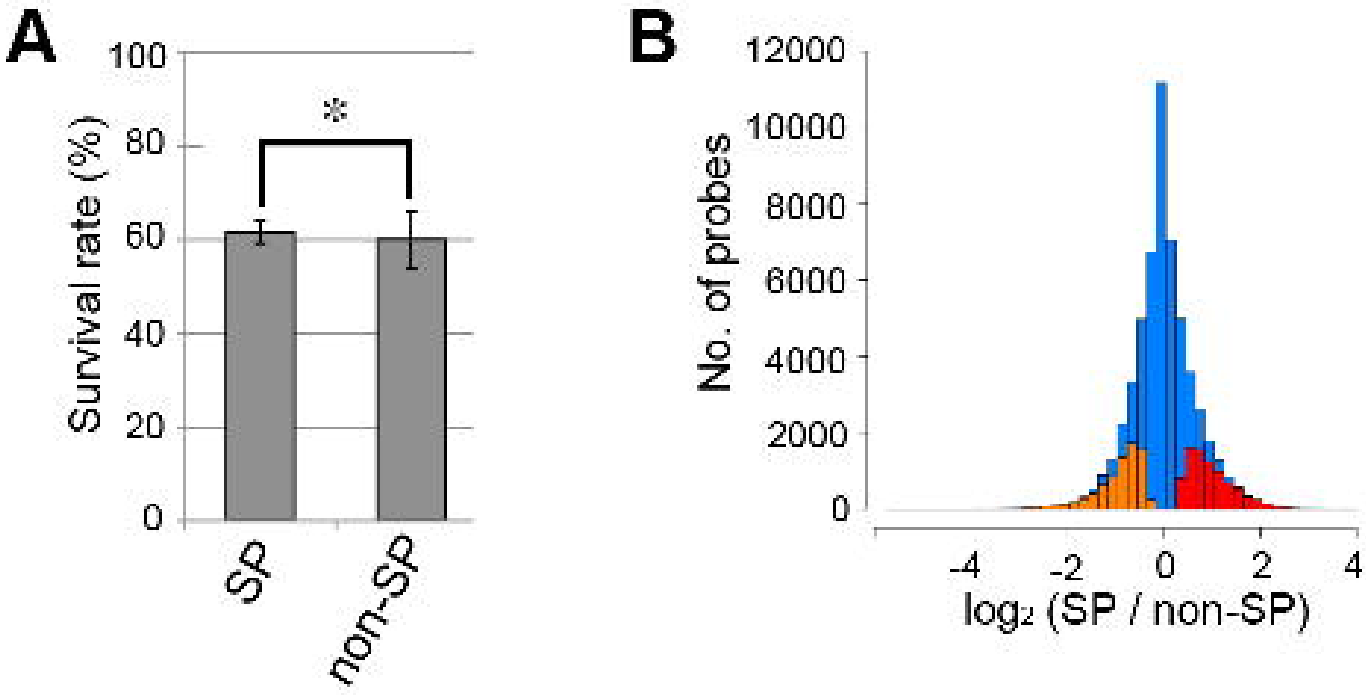
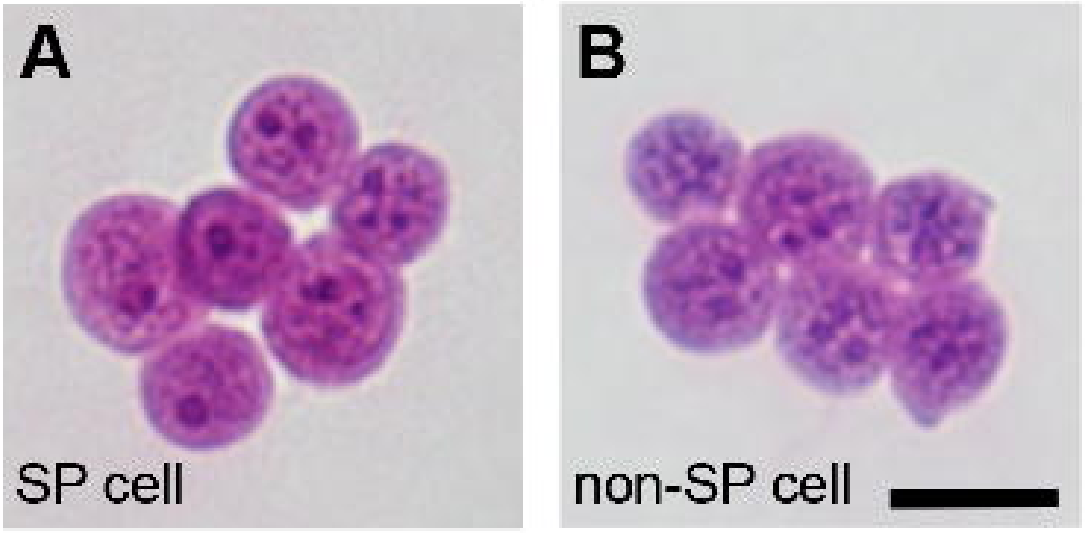

A
100
80
60
40
20
0
Survival rate (%)
*
SP
non-SP
B
12000
10000
8000
6000
4000
2000
0
No. of probes
-4
-2
0
2
4
log2 (SP / non-SP)

Figure 2


A
SP cell
B
non-SP cell

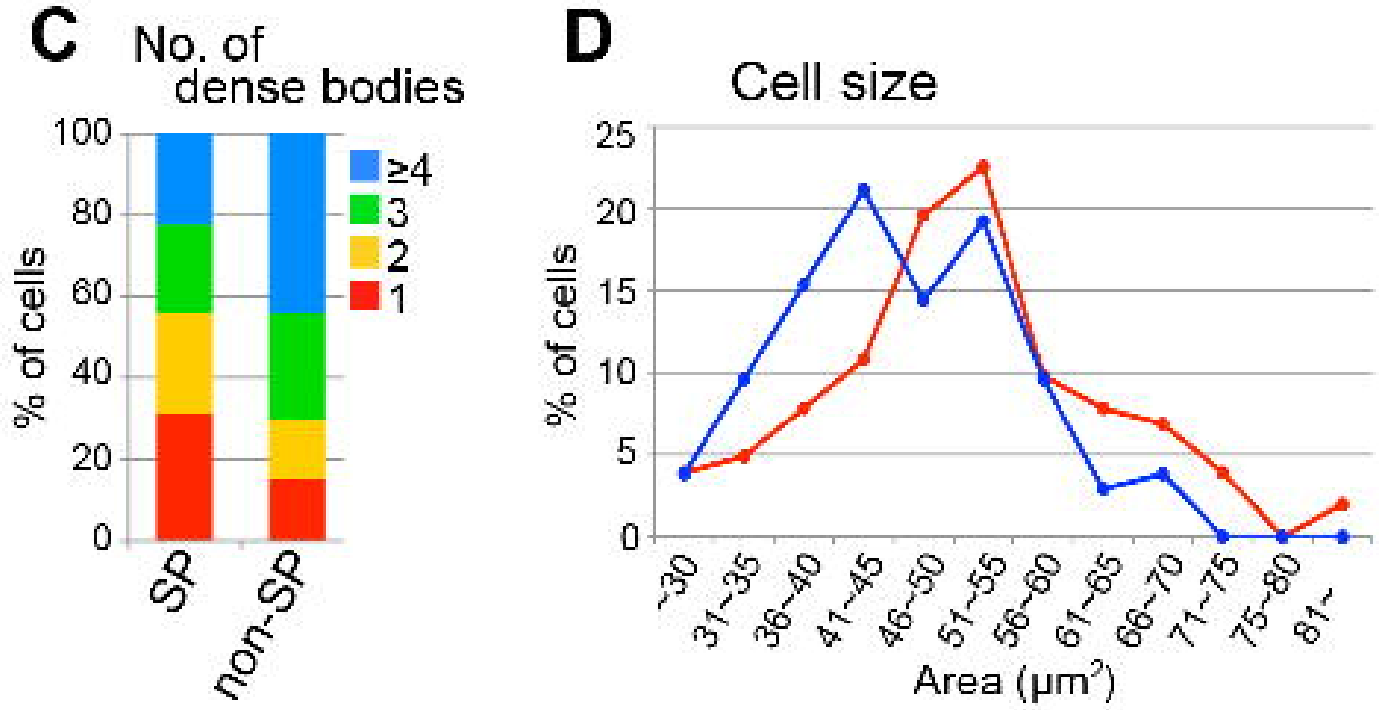

C
No. of dense bodies
100
80
60
40
20
0
% of cells
≥4
3
2
1
SP
non-SP
D
Cell size
25
20
15
10
5
0
% of cells
~30
31~35
36~40
41~45
46~50
51~55
56~60
61~65
66~70
71~75
75~80
81~
Area (μm²)

Figure 3

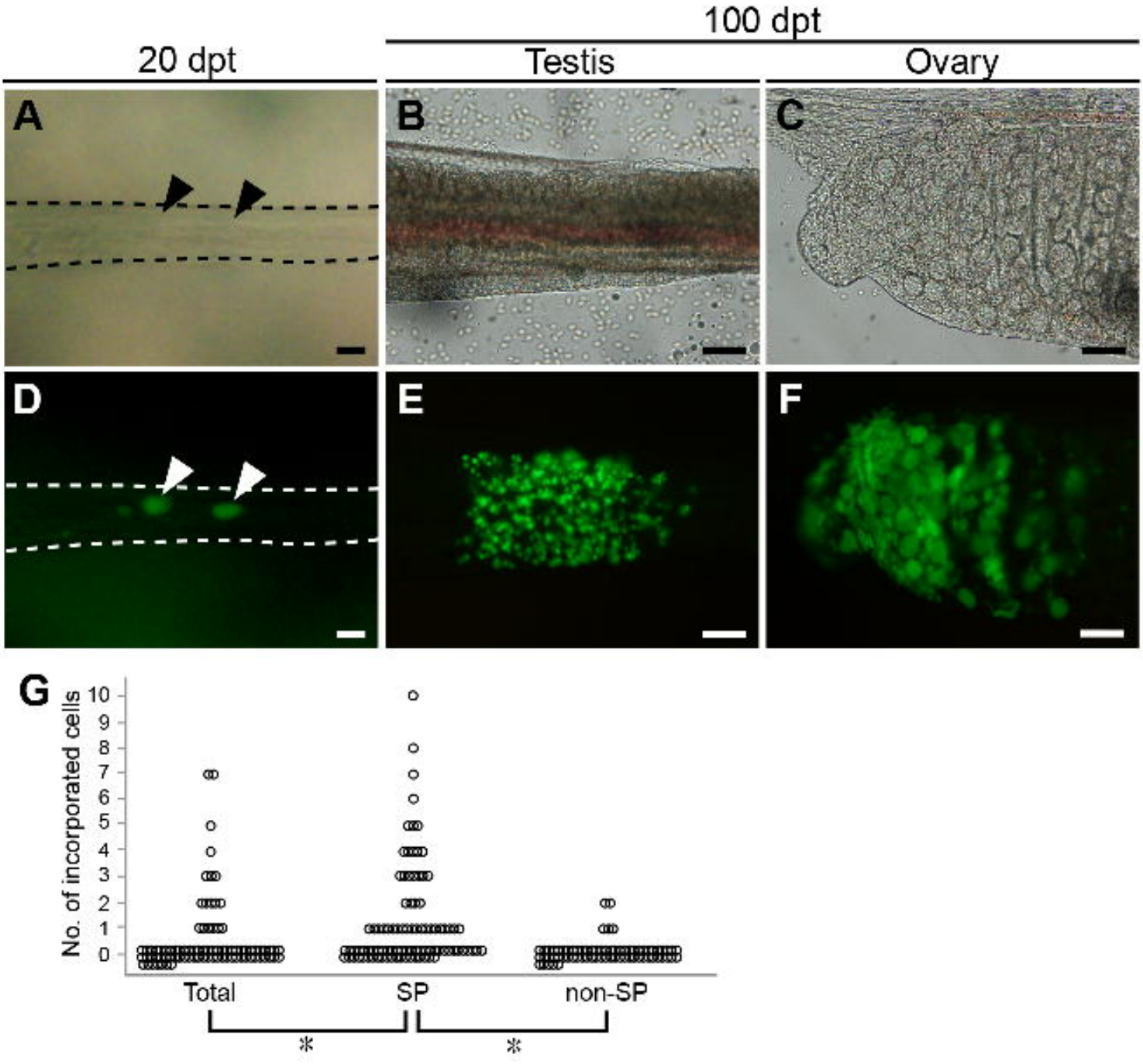

100 dpt
20 dpt
Testis
Ovary
A
B
C
D
E
F
G
No. of incorporated cells
0
1
2
3
4
5
6
7
8
9
10
Total
SP
non-SP
*
*

Figure 4

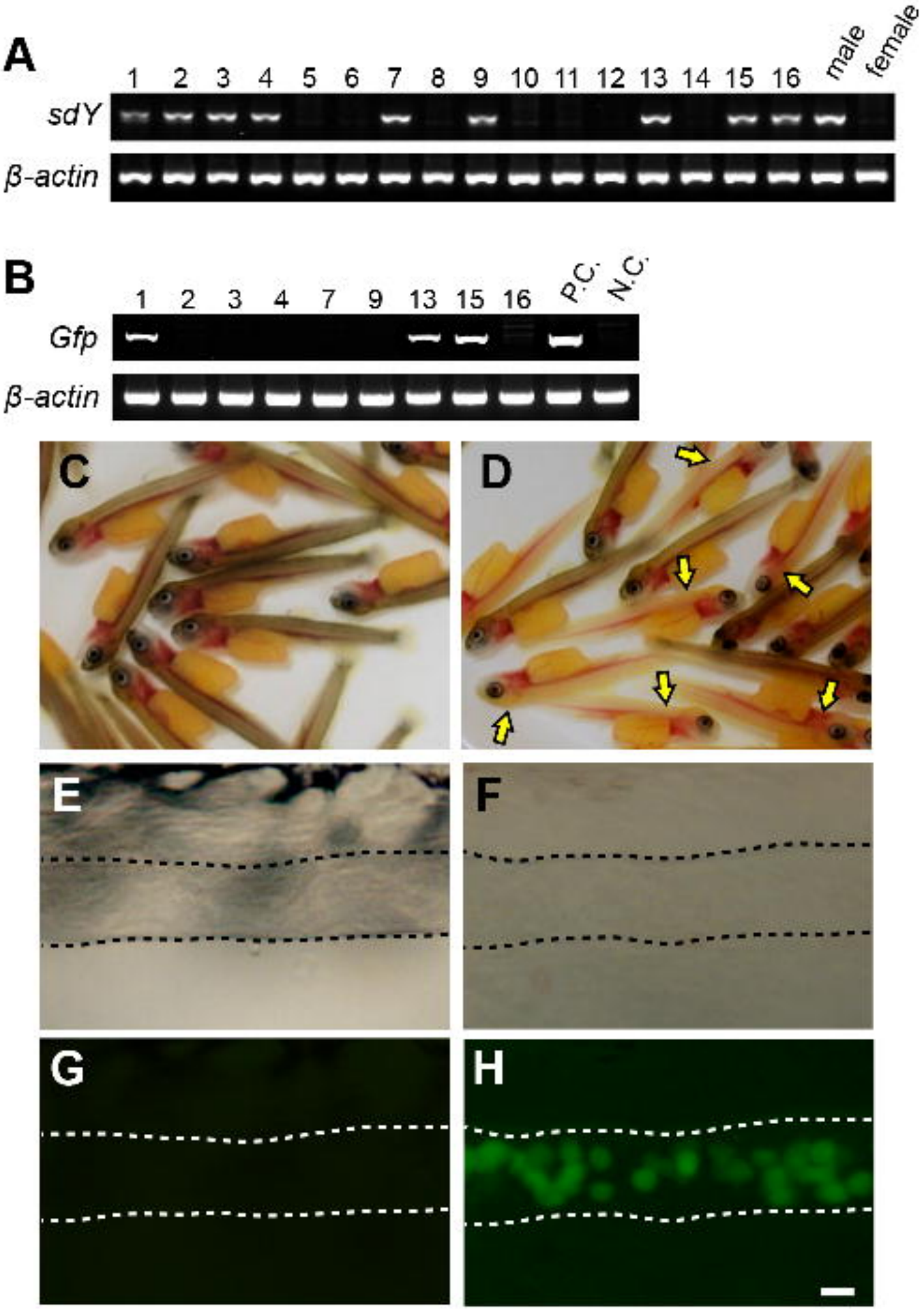

A
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 male female
sdY
β-actin
B
1 2 3 4 7 9 13 15 16 P.C. N.C.
Gfp
β-actin
C
D
E
F
G
H

Figure 5

Table 1. Rates at which transplanted cells colonized recipient gonads at 20 dpt

	No. of fish		
Fraction	Total	With transplanted cells in gonads (%)	
unsorted A-SG	85	18 (19.6±5.5)	*
SP	93	43 (46.2±5.7)	
non-SP	70	5 (7.6±3.5)	*

* $P < 0.05$; Significance was calculated by using Chi-square test. Data are shown as mean ± SEM

Table 2. Rates at which transplanted cells formed colonies at 100 dpt

	No. of male fish		No. of female fish	
Fraction	Total	With transplanted cells in testes (%)	Total	With transplanted cells in ovaries (%)
unsorted A-SG	19	1 (5.6±5.6)	13	2 (16.3±3.8)
SP	17	8 (48.6±26.4)	17	9 (52.8±2.8)
non-SP	14	0 (0)	14	2 (10.0±10.0)

* $P < 0.05$; Significance was calculated by using Chi-square test. Data are shown as mean ± SEM

Table 3. Percentage of donor-derived phenotypes among F1 offspring

	Total	GFP+ (%)	Orange (%)
Control	44	0 (0)	0 (0)
1	113	49 (43.4)	53 (46.9)
13	111	70 (63.1)	55 (49.5)
15	90	57 (63.3)	40 (44.4)

Sperm obtained from WT (control), and triploid recipients transplanted SP cells (1, 13, 15) were fertilized with eggs obtained from non-transgenic wild type rainbow trout.

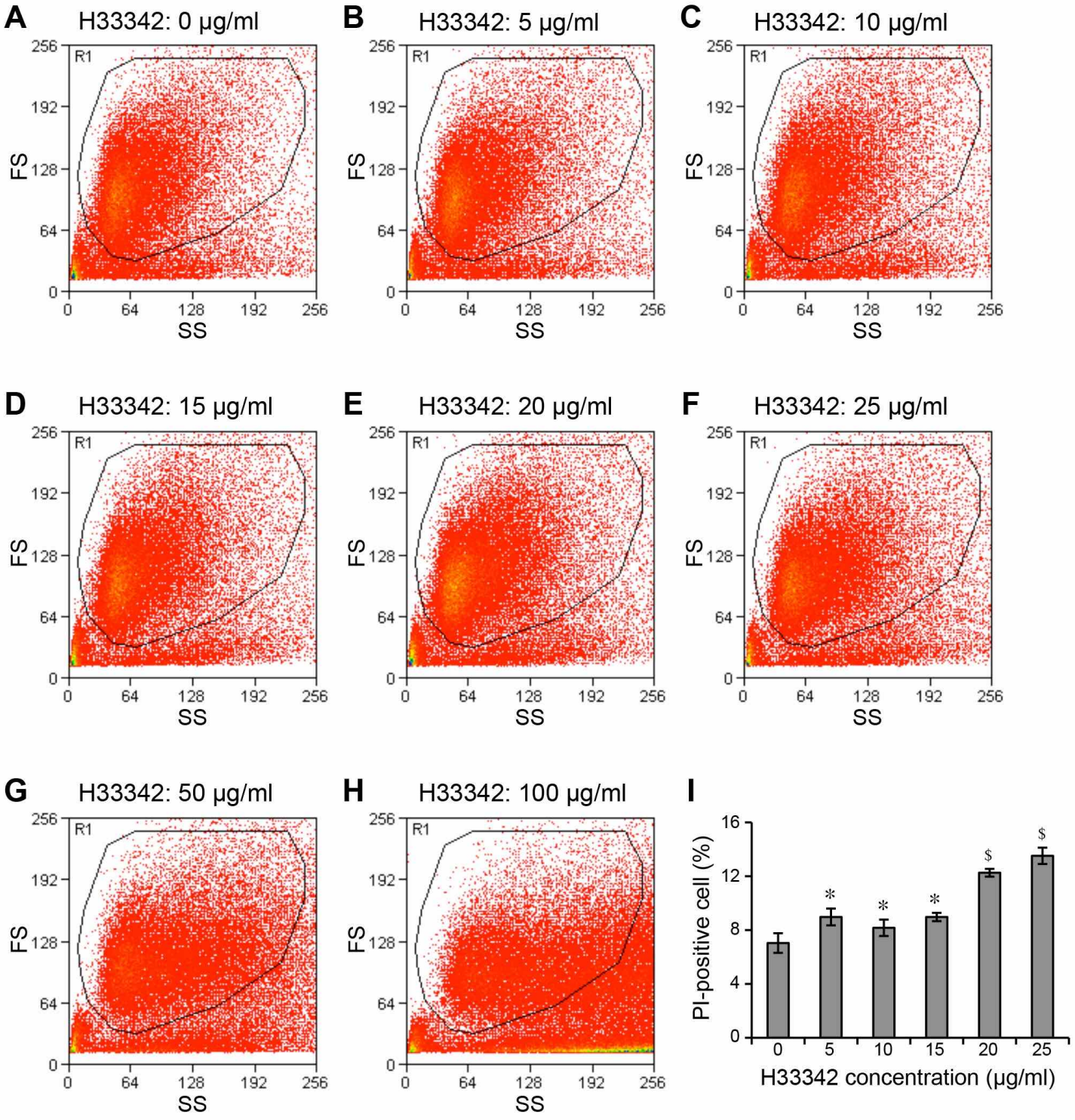

A
H33342: 0 μg/ml
B
H33342: 5 μg/ml
C
H33342: 10 μg/ml
D
H33342: 15 μg/ml
E
H33342: 20 μg/ml
F
H33342: 25 μg/ml
G
H33342: 50 μg/ml
H
H33342: 100 μg/ml
R1
FS
SS
0
64
128
192
256
I
PI-positive cell (%)
0
4
8
12
16
*
$
H33342 concentration (μg/ml)

Figure S1

SUPPLEMENTAL FIGURE LEGENDS

Fig. S1. The effect of H33342 concentration on the viability of testicular cells for 1.5h staining at 10°C. (A-H) The FS (y-axis) and SS (x-axis) of total testicular cells were analyzed under after treatment with H33342 at a concentration of 0 (A), 5 (B), 10 (C), 15 (D), 20 (E), 25 (F), 50 (G), or 100 (H) μg/ml. All cells were dissociated into single-cell suspension for staining and sorting. Almost all testicular cells without H33342 staining, were sorted by the R1 gate (A). (I) Among samples containing all testicular cells, the rate of PI-positive cells was analyzed after staining with H33342 at a concentration of 0, 5, 10, 15, 20, or 25 μg/ml. Significance was calculated using Dunnett's test by comparisons with control. * *P*-value > 0.05, $ *P*-value < 0.05.

Table S1. CV values of G1/G0 and testicular cell viability for each set of H33342 staining conditions

The table cells highlighted with blue or pink indicate the staining conditions that resulted in saturated nuclear staining of A-SG with H33342 and very minimal effects on testicular cell viability.

The table cells highlighted with pink indicate the staining conditions that were used for subsequent experiments.

CV values of G1/G0 in GFP-positive cells (%)

		1.5h	2h	3h	4h	6h	8h	10h	12h	15h
10°C	5μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	28.00	27.48
	10μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	17.01	16.40
	15μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	12.68	11.18
14°C	5μg/ml	N.D.	N.D.	N.D.	N.D.	20.01	12.09	11.19	9.50	7.40
	10μg/ml	N.D.	N.D.	16.25	11.85	8.19	6.97	6.38	6.48	6.55
	15μg/ml	N.D.	N.D.	14.19	8.69	6.35	6.12	6.19	6.26	6.49
16°C	5μg/ml	N.D.	19.78	13.89	10.13	9.24	8.37	6.03	6.47	6.57
	10μg/ml	15.35	10.26	6.77	6.42	6.13	5.97	6.12	6.47	6.83
	15μg/ml	10.90	7.07	6.14	5.68	6.21	6.45	6.73	6.73	7.17
18°C	5μg/ml	22.52	17.89	12.22	8.51	8.51	7.29	6.63	6.57	6.42
	10μg/ml	12.60	9.93	6.66	5.75	6.06	6.18	6.33	N.D.	N.D.
	15μg/ml	8.75	6.49	5.76	5.45	6.06	6.32	6.54	N.D.	N.D.

PI-positive rate in total testicular cells

		1.5h	2h	3h	4h	6h	8h	10h	12h	15h
10°C	5μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	6.33	6.78
	10μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	7.01	7.13
	15μg/ml	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	8.06	9.78
14°C	5μg/ml	N.D.	N.D.	N.D.	N.D.	7.42	6.00	6.75	7.32	8.65
	10μg/ml	N.D.	N.D.	5.51	5.27	6.01	6.45	7.75	9.75	11.08
	15μg/ml	N.D.	N.D.	7.29	6.70	6.35	9.51	11.16	17.57	21.74
16°C	5μg/ml	N.D.	5.86	5.97	5.76	6.73	7.67	7.02	10.31	11.52
	10μg/ml	7.18	7.26	7.13	6.17	7.46	7.71	10.54	14.69	19.55
	15μg/ml	6.65	6.47	7.85	7.62	10.20	16.44	24.27	34.15	44.79
18°C	5μg/ml	5.17	6.94	7.13	6.46	6.97	7.21	8.36	11.02	11.31
	10μg/ml	7.11	7.21	7.65	6.41	7.89	8.89	11.47	N.D.	N.D.
	15μg/ml	7.41	8.68	7.78	8.15	13.92	16.71	24.33	N.D.	N.D.

Table S2. Microarray data analyzed via a linear model

This table shows the Contig ID/sequence ID, whose expression level were significantly different between the two cell types (q-value < 0.05; see Materials and Methods).

Using the linear model, the value of CellTypeSP (C_{SP}) was calculated for each probe. This value reflects the difference between SP cells and non-SP cells with reagrd to gene expression by estimating and removing the biases of genetic heterogeneity in fish (see MATERIALS AND METHODS). To investigate whether the SP cells were transcriptomically distinct from non-SP cells, the values of C_{SP} were statistically compared between SP cells and non-SP cells, and statiscital significance was calculated for each probe (see MATERIALS AND METHODS).

Contig ID/sequence ID: Microarray probes were designed based on the contigs and unassembled reads, which obtained from next-generation sequencing [25]. The probe sequences were deposited in Gene Expression Omnibus (GEO) of NCBI under accession No. GPL17533.

Contig ID/sequence ID	(Intercept)	cellTypeSP (C_{SP})	group2 (G2)	group3 (G3)	scan	cellTypeSP:group2 (C_{SP}:G2)	cellTypeSP:group3 (C_{SP}:G2)	p-value	q-value
YGL02_GNYA1SO04JX5ZS	3.122757936	3.761449621	0.676555236	1.853845072	0.014652987	-1.501435954	-2.736877036	6.44E-06	0.000326652
YGL02_GNYA1SO04JF30J	3.797457682	3.654674661	-0.713757658	0.325792198	-0.112238076	-0.69537928	-1.923449894	2.95E-07	4.68E-05
YGL02_GNYA1SO04JRA5M	2.969276455	3.43497018	0.446890147	1.004362603	0.056237785	-0.986075747	-1.443841399	1.94E-06	0.000152725
YGL02.17040.C1	4.75351189	3.369720303	1.505327873	2.700796282	0.03934602	-1.298230336	-2.596538882	2.09E-08	1.18E-05
YGL02.14343.C1	3.601530675	3.23154662	0.743110768	1.159778544	0.101167015	-0.863576757	-1.541550121	5.80E-09	6.74E-06
YGL02.13704.C1	4.296231315	3.192227759	0.792740248	1.638499653	0.089978555	-1.297239453	-2.105550553	1.28E-09	3.39E-06
YGL02.986.C1	3.21553853	3.179234308	-0.043011417	0.366403828	0.199928411	-1.005486526	-1.680049412	1.28E-07	2.86E-05
YGL02.6226.C1	3.626356518	3.143572385	1.045686351	2.075371771	-0.172590839	-1.400524228	-2.310402844	9.79E-08	2.55E-05
YGL02_GNYA1SO04IXQXD	3.953194035	3.078065261	1.135652523	2.408699145	-0.757172322	-1.059773633	-3.065232115	2.86E-07	4.57E-05
YGL02_GNYA1SO04JZS3L	3.742123631	3.045761337	0.397693151	1.591113315	0.103936769	-1.179362542	-2.947186475	2.02E-06	0.000156572
YGL02_GNYA1SO04INS2E	2.790184918	3.006801051	1.26983852	2.431293446	0.091370781	-1.192699126	-2.825630867	1.07E-08	8.21E-06
YGL02.5039.C1	2.876482401	2.999357359	0.987511023	1.155321222	-0.013668446	-1.271387143	-2.273251045	4.67E-06	0.000265068
YGL02.7705.C1	3.033330504	2.993783392	0.604529598	1.683472088	-0.175756104	-0.200360669	-0.943942357	9.51E-07	9.79E-05
YGL02.1407.C1	3.634979078	2.963829887	1.236645687	2.217094006	-0.386992696	-1.498277449	-2.124428354	4.77E-07	6.26E-05
YGL02.12771.C1	3.361381574	2.946021114	0.115974062	1.50836861	-0.337128544	-0.062917419	-1.72458105	2.63E-07	4.30E-05
YGL02_GNYA1SO04ISTWL	5.975769535	2.938936099	0.895515689	2.257515746	-0.304798555	-0.626497243	-2.073456904	8.07E-09	7.21E-06
YGL02.16593.C1	3.045211416	2.916935977	0.104552773	1.53228244	-0.049839906	-0.427251105	-2.293808931	2.94E-08	1.40E-05
YGL02_GNYA1SO04JHP9F	2.951541907	2.883486569	2.096071228	3.197127897	0.032580039	-1.695807166	-2.282864136	8.57E-08	2.37E-05
YGL02_GNYA1SO04IV4S4	3.098111844	2.85918901	0.139459787	0.561255513	-0.28760606	-0.695795574	-1.545961908	1.22E-07	2.80E-05
YGL02_GNYA1SO04H8EZE	2.919147921	2.857207428	0.453614997	1.629859648	-0.07404597	-1.032103946	-2.49341393	3.07E-06	0.000202499
YGL02_GNYA1SO04J0O3D	2.838693794	2.832250025	0.484380516	1.364306086	0.037182541	-0.594653327	-2.807064549	4.20E-05	0.001158044
YGL02_GNYA1SO04IH7U9	3.532108775	2.832086078	0.564757275	1.320002213	-0.314082455	-1.614717516	-1.344979863	5.10E-06	0.000281508
YGL02_GNYA1SO04JBE3E	2.90832155	2.810427007	0.793033673	0.429411417	0.547663947	-1.454076946	-1.149096053	7.74E-06	0.000368011
YGL02.3671.C1	5.709188892	2.797196917	0.122010067	0.423757092	-0.215276962	-0.613653245	-1.560943695	1.59E-08	1.01E-05
YGL02.4861.C2	4.190166008	2.792076033	-0.045810667	1.732283	0.715843009	-0.474698862	-1.974056601	1.88E-08	1.10E-05
YGL02.3723.C1	3.996757714	2.791804605	1.072671453	1.593014796	-0.438626862	-1.427937838	-1.740106787	4.97E-07	6.45E-05
YGL02.5387.C1	3.544054199	2.782141621	0.569351457	0.980538786	-0.165534695	-0.875256454	-1.35082258	3.62E-09	5.56E-06
YGL02_GNYA1SO04I6CCS	4.273632329	2.778572959	1.010287525	2.528018773	-0.085076274	-0.704261954	-2.191848923	2.01E-07	3.67E-05
YGL02.18172.C1	3.163098155	2.775622173	0.921777578	1.817719218	0.205944187	-1.273028621	-2.152434847	6.85E-08	2.10E-05
YGL02.5990.C2	3.166719173	2.774572282	-0.167369783	1.423829803	0.42723435	-0.051561148	-1.620791306	2.97E-07	4.70E-05
YGL02_GNYA1SO04IC5MM	3.384132528	2.739306052	0.518222683	0.73250674	-0.311028566	-1.853036032	-1.76181041	0.000137198	0.002638777
YGL02_GNYA1SO04IZ0NP	7.744374082	2.730037558	0.597177074	1.793500184	0.463100692	-0.769828685	-1.635106292	4.68E-09	6.11E-06
YGL02_GNYA1SO04I4GLX	3.374547106	2.723523216	1.162261898	0.633751686	-0.866004427	-1.33280416	-1.330742037	3.88E-05	0.001099021
YGL02.12337.C1	3.733258456	2.686462415	0.92322562	2.135846014	0.060799707	-1.006280193	-1.927906222	9.55E-08	2.52E-05
YGL02_GNYA1SO04JREUF	2.530131696	2.672454296	-0.069928353	0.1187571	0.439927044	-0.67289301	-1.018781926	2.33E-09	4.32E-06
YGL02.10658.C1	3.059178796	2.668850816	0.374755115	1.75004011	-0.250772319	0.054688034	-2.004289962	1.07E-05	0.000451769
YGL02.8598.C1	3.74835313	2.651775832	-0.16163558	1.16596713	-0.712739253	-0.314471116	-1.536862648	6.14E-06	0.000316449
YGL02.167.C1	4.220772586	2.648353165	0.134772717	1.211622522	0.176296813	-1.172769945	-2.028708433	5.16E-05	0.001329403
YGL02_GNYA1SO04IU474	3.673814426	2.647506683	0.711795736	1.492726073	-0.114036829	-1.515912991	-2.673761106	2.83E-05	0.000884217
YGL02_GNYA1SO04I5F1L	3.696059341	2.638326222	-0.475643398	0.907490269	-0.506086105	0.030556595	-2.057456627	1.65E-06	0.000138533
YGL02.11769.C1	4.440442212	2.632094018	1.213481971	1.823347877	-0.537169039	-0.960299845	-1.428923428	1.52E-06	0.000131314
YGL02_GNYA1SO04JIK04	4.871585298	2.621113072	0.350292369	1.378551002	0.315090304	-0.754983437	-1.161769068	7.05E-07	8.05E-05
YGL02.19572.C1	3.414827789	2.617265041	0.365529265	1.083484925	-0.258668553	-0.602496483	-1.396741754	1.37E-08	9.40E-06
YGL02_GNYA1SO04I1OKU	3.084161651	2.61571155	-0.272087891	1.615781388	-0.013324104	-0.929227077	-1.328597234	0.000567712	0.0071547
YGL02_GNYA1SO04I20KA	5.047745166	2.611789422	0.645406691	1.373261553	-0.125554855	-1.230314477	-1.955689477	7.67E-07	8.51E-05
YGL02.21079.C1	4.598625916	2.609096755	-0.138584734	1.214216394	-0.540819491	-0.127644751	-1.832474253	5.94E-05	0.001466453
YGL02_GNYA1SO04ICLOW	2.994015782	2.607740799	0.272152095	1.499682092	0.043221487	-0.105482449	-0.93124027	5.14E-06	0.000282675
YGL02_GNYA1SO04IZBWW	3.018642355	2.606098142	0.47928718	1.521842445	0.100128245	-0.593369661	-2.331786108	0.000267708	0.004217469
YGL02_GNYA1SO04IXKXS	4.065418988	2.605690058	0.482369043	1.805383912	-0.367868861	-0.921798865	-2.152944713	0.000359159	0.00518625
YGL02.4775.C1	4.291937626	2.602798174	0.362982037	0.943669948	-0.103797683	-0.639768432	-0.920591957	6.75E-07	7.86E-05
YGL02_GNYA1SO04ITK8J	3.321892033	2.596097881	0.270755583	0.156869454	0.427091521	-0.718109702	-0.597861037	2.63E-06	0.000184403
YGL02.15195.C1	3.104677059	2.589868684	-0.128381089	0.654819728	-0.048397654	-0.543740537	-1.958518302	3.66E-06	0.000227462
YGL02.18087.C1	3.940468336	2.572706576	0.560546615	1.757904594	-0.443078353	-1.108741265	-2.142144915	1.87E-06	0.000149738
YGL02_GNYA1SO04IQWWV	3.750283111	2.558352156	0.964570187	1.368167777	-0.780686991	-2.229181148	-1.761828283	7.82E-09	7.09E-06
YGL02.9201.C1	8.278041874	2.555394861	0.377261363	1.121101135	0.307773314	-0.687956577	-1.289028051	1.37E-09	3.44E-06
YGL02.1929.C1	3.846038205	2.554965517	1.269681381	2.057163148	-0.387808782	-1.353316741	-2.055679709	0.000914824	0.010068652
YGL02_GNYA1SO04IBT32	4.262895631	2.547972724	0.12916282	1.163236975	-0.146577716	-1.898991639	-2.785859785	0.004176399	0.029724131
YGL02_GNYA1SO04I4E6H	4.577987497	2.518623466	1.2443486	1.596057682	0.206984979	-1.436204609	-1.721562535	3.00E-07	4.72E-05
YGL02_GNYA1SO04I0TFM	6.718520258	2.512330119	0.322385884	1.666562044	-0.301851134	-0.313903491	-2.602474874	1.21E-08	8.95E-06
YGL02.15863.C1	3.879306921	2.511534708	-0.267134489	0.592122428	0.258302571	-0.329657194	-1.154775458	1.02E-07	2.58E-05
YGL02.7757.C2	6.123196455	2.510037915	-0.654330423	0.842693367	-0.695650406	-0.355208949	-1.806959177	9.85E-06	0.000430015
YGL02.7934.C1	3.584324209	2.505308232	0.644033723	2.152349756	-0.037397336	-0.919175246	-2.370438796	1.42E-07	3.03E-05
YGL02_GNYA1SO04JP6YT	2.938869797	2.497948335	0.861837135	1.393930477	0.288922368	-1.001598079	-1.765550137	5.30E-05	0.00135546
YGL02_GNYA1SO04JMTTG	2.786702566	2.496628989	-0.002743515	0.741883693	0.134556211	-0.580541693	-1.97676967	3.47E-07	5.16E-05
YGL02.8177.C1	3.571930177	2.494261426	0.242504256	-0.426383272	-0.116500566	-0.372192835	0.375552854	3.71E-09	5.56E-06
YGL02_GNYA1SO04JP3ZS	5.483346684	2.4895421	0.735741194	2.007580398	0.077629845	-1.202408948	-1.998885755	1.98E-09	3.83E-06
YGL02_GNYA1SO04ID684	4.787303779	2.486622978	0.037234768	2.39316914	-0.374273361	-0.302527237	-1.612515719	2.85E-07	4.56E-05
YGL02.4502.C1	3.15593759	2.467920687	0.788286226	1.73712387	-0.234496876	-0.888224237	-2.175069372	0.000336958	0.004964762
YGL02.15933.C1	6.189326985	2.467645375	0.500994766	1.305218107	0.029492984	-0.697469064	-1.562737114	1.32E-07	2.89E-05
YGL02.16683.C1	4.541438301	2.46286632	-0.528494066	1.111159887	-0.167476205	-0.113460116	-1.744224975	1.58E-06	0.000134522
YGL02.663.C2	3.916381123	2.45498653	0.010318691	-0.004456899	-0.274252058	-0.855501305	-0.851403941	9.48E-06	0.000419361
YGL02.12343.C1	3.175837757	2.45365234	0.304044868	0.773885838	-0.025799656	-0.231453392	-1.129481329	1.33E-07	2.92E-05
YGL02_GNYA1SO04H3N6J	2.648555691	2.448450825	0.727230129	2.588802682	0.668405549	0.438754531	-2.324373931	0.000331012	0.004905056
YGL02_GNYA1SO04I7HEM	5.901807287	2.447236102	0.533290533	1.396889922	0.169069769	-0.768570921	-1.50893434	6.60E-10	3.26E-06
YGL02.4732.C1	3.248588604	2.441165789	0.574607232	1.416807446	-0.300787275	-0.780223289	-1.201137585	3.56E-05	0.00103861
YGL02.22932.C1	3.411121705	2.437435017	1.057914738	1.767675199	-0.040225164	-1.139740084	-1.960659711	4.47E-07	6.02E-05
YGL02.19232.C1	3.254175601	2.436026407	-0.130254782	1.610927872	-0.111152573	-0.118852594	-1.894099681	5.76E-06	0.000304553
YGL02.5781.C2	3.293444656	2.435144531	0.540252683	1.589892522	-0.198493074	-0.508035721	-1.919007903	2.96E-05	0.000912118
YGL02.12772.C1	3.553006037	2.430201407	0.688710249	0.503009095	-0.708307252	-0.977726149	-1.731435854	1.86E-05	0.000658134
YGL02_GNYA1SO04JNWJC	3.28199874	2.416274803	1.585594875	1.355046395	0.009597183	-1.959809976	-1.820516091	0.000124332	0.002467926
YGL02.18220.C1	3.541432789	2.413350104	1.592249487	3.022981112	0.097096966	-1.251175812	-1.956725093	3.95E-09	5.56E-06

YGL02.20360.C1	3.344191171	2.410651552	0.046265691	0.517810253	0.05794139	-0.037465559	-0.941777093	1.51E-05	0.000570912
YGL02_GNYA1SO04JD98R	3.07115439	2.410261288	-0.472401681	-0.036858981	0.372248427	-2.427117259	-2.721193969	7.00E-06	0.000344692
YGL02.1418.C1	7.107556936	2.407679143	0.73720168	1.239021931	-0.150489068	-0.448194615	-1.766615926	1.58E-08	1.01E-05
YGL02.2891.C1	5.324133866	2.405993331	1.046908754	1.82462518	-0.263758358	-0.838348107	-1.886059252	2.85E-07	4.56E-05
YGL02_GNYA1SO04H1KHC	3.291534051	2.405263006	1.848990922	1.669250303	-0.160452046	-1.558232014	-1.801777488	6.18E-09	7.01E-06
YGL02.2133.C4	3.078226007	2.40140602	0.900413307	0.294933511	0.263496681	-1.206479774	-0.768989283	2.66E-05	0.000843906
YGL02.11484.C1	5.371028664	2.39603598	0.165276298	0.705366241	-0.017319289	-0.483886947	-1.251751411	6.40E-07	7.56E-05
YGL02.996.C1	2.880179463	2.395538788	0.161180611	0.394266942	0.215464978	-0.199800073	-0.903134284	2.39E-06	0.000173832
YGL02_GNYA1SO04INPTN	3.716229152	2.388637789	0.557716473	0.995323691	-0.196262452	-1.063379177	-0.990617787	0.000116183	0.002350604
YGL02_GNYA1SO04IN1AD	4.034547518	2.388564952	0.861097148	0.430565287	-0.01413521	-1.084022145	-0.951489617	9.57E-08	2.52E-05
YGL02_GNYA1SO04H0166	3.520203383	2.387326563	0.120594324	0.547173217	-0.205715498	-0.787697663	-0.955580655	0.000820589	0.009324715
YGL02.15749.C1	5.665019452	2.386721674	0.433461482	0.766797898	-0.344418765	-0.684075456	-2.483498038	2.12E-06	0.000161645
YGL02_GNYA1SO04I1Y3N	3.114070074	2.38453389	0.590509665	2.183567995	-0.430833423	-0.575671826	-1.956352313	1.74E-05	0.000627822
YGL02_GNYA1SO04JUX6V	2.995571194	2.381252027	0.042177011	-0.096711706	-0.078726791	-0.807692582	-1.292558233	5.03E-05	0.001306118
YGL02.4062.C1	4.918862536	2.37857705	0.326865622	1.283892443	1.272586082	-0.833372524	-1.610346333	2.14E-08	1.18E-05
YGL02.15156.C1	3.66380035	2.377984466	-0.51335488	1.521366046	0.31200406	-0.003772242	-1.802054242	1.00E-06	0.000100748
YGL02.8780.C1	4.292425604	2.376237864	0.660452649	1.505739131	0.137630097	-1.001694038	-1.701664258	8.74E-07	9.30E-05
YGL02.2634.C1	2.994658331	2.375832565	1.639123452	2.293706216	0.252144487	-1.267882269	-1.834080393	1.45E-07	3.05E-05
YGL02_GNYA1SO04JNNVC	4.642789883	2.374980394	-0.443652162	0.212670937	-0.013380597	-0.912050084	-1.769086326	9.05E-06	0.000407311
YGL02_GNYA1SO04ISSHO	5.846662237	2.369183622	0.859431325	2.032525149	0.048774603	-0.714420601	-1.962783298	1.13E-07	2.71E-05
YGL02.6287.C1	5.456406272	2.365220717	0.401740965	1.559987721	0.232549151	-0.501750041	-1.760236063	1.69E-06	0.000140598
YGL02_GNYA1SO04JCK37	8.372498666	2.365027108	0.149968253	1.082240464	0.276431901	-0.338059644	-1.169135237	2.83E-10	3.18E-06
YGL02_GNYA1SO04I55LP	3.006542355	2.363778892	0.555663935	0.439883973	0.02895325	-2.386268784	-1.313263041	2.62E-06	0.000183834
YGL02.12302.C1	3.090011363	2.362359738	1.049755682	1.448566373	-0.124362891	-1.19569429	-2.237968002	5.12E-08	1.88E-05
YGL02_GNYA1SO04JUZPI	3.94241231	2.356093927	-0.372814375	1.135207643	0.639643381	-0.472630233	-1.123565313	1.84E-06	0.000148567
YGL02.20295.C1	4.12019407	2.355589492	-0.491780013	0.837672376	0.183821902	-0.191900441	-1.06730448	2.06E-06	0.00015856
YGL02.20717.C1	3.473012803	2.353509806	0.015922438	0.799088711	-0.025685439	-0.363500375	-0.985648993	3.93E-06	0.000238101
YGL02_GNYA1SO04H2DSU	3.401814219	2.353086504	1.912678173	2.019632221	0.086584791	-1.433194428	-1.724863278	3.49E-06	0.000220888
YGL02.7024.C1	3.090511874	2.351149096	-0.059061044	0.331755758	0.375023871	-0.73494901	-0.753532613	1.15E-06	0.000111056
YGL02_GNYA1SO04JX93H	4.297746517	2.345767804	0.197925543	1.758960048	-0.356680367	-0.810599941	-2.308765245	0.000712817	0.008425356
YGL02.17491.C1	3.109941243	2.341671525	0.911259809	1.940345581	0.015982052	-1.354426983	-2.09517459	9.54E-07	9.81E-05
YGL02.6232.C1	3.886877663	2.339623121	-0.144893683	0.395473108	-0.582151568	-0.442432569	-2.173119215	5.46E-06	0.000293769
YGL02.13616.C1	3.732392288	2.338509148	0.648016476	1.59629179	0.100723897	-0.836347749	-1.128978082	7.56E-06	0.000362947
YGL02_GNYA1SO04IRQ0G	5.884026405	2.336700429	0.668265375	2.250156425	-0.108810026	-0.660399884	-2.089566604	3.29E-07	4.98E-05
YGL02.1436.C1	3.051948401	2.32917535	1.499617213	1.300949876	0.425568987	-1.399488415	-1.579482039	2.74E-08	1.35E-05
YGL02.2414.C1	3.008334679	2.328380078	0.137806699	0.52376652	0.521428061	-1.373801977	-1.605827886	1.12E-06	0.000108764
YGL02.19838.C1	4.211693335	2.328234396	0.076781505	1.386515504	-0.108970391	-0.285339413	-1.875473008	2.01E-07	3.67E-05
YGL02.1451.C1	4.097174376	2.324650382	0.737233092	1.427184947	-0.240441234	-1.956858371	-2.67210725	0.0002096	0.003541748
YGL02_GNYA1SO04JXQP0	6.168921255	2.323008849	1.538443041	1.594000325	-0.163178208	-0.857366656	-1.934134128	1.56E-06	0.000133757
YGL02_GNYA1SO04IY0P7	2.932256401	2.322836401	-0.03087952	0.795453685	-0.026915648	-0.613779959	-1.422855248	0.001623166	0.01513402
YGL02.5498.C1	3.762813289	2.321512014	1.824684828	2.162742825	-0.260405294	-1.247266693	-2.239654728	2.22E-06	0.000166098
YGL02.14181.C1	3.266188774	2.319172923	0.294048649	1.289473565	-0.362641572	-0.519754568	-1.456650302	2.15E-09	4.10E-06
YGL02_GNYA1SO04H27A5	9.797443246	2.317499102	0.282318598	1.129802405	0.125678235	-0.819335105	-2.341193252	2.45E-08	1.25E-05
YGL02_GNYA1SO04JHHNQ	3.938627027	2.316754959	0.544063467	1.482075257	-0.615617462	-1.395095441	-1.952402267	0.000424551	0.005825215
YGL02_GNYA1SO04IR4CT	10.17496247	2.31496945	0.22176175	0.969878117	0.118259329	-0.695025201	-2.151343274	5.96E-08	2.01E-05
YGL02.9722.C1	3.538978229	2.312995903	0.698005426	1.832265551	0.021739338	-0.966046465	-2.104085686	1.48E-09	3.44E-06
YGL02.15743.C1	3.812745697	2.310168899	0.265215011	0.921154828	-0.15551945	-0.32672777	-1.334861428	1.65E-07	3.27E-05
YGL02_GNYA1SO04IDSVC	5.047557256	2.307230741	0.439532873	1.354191976	0.72331838	-0.855207909	-1.684793419	1.65E-07	3.27E-05
YGL02.2928.C1	3.064342166	2.303524436	-0.146836122	0.327034443	-0.074308135	0.311836661	-0.916704843	9.41E-10	3.26E-06
YGL02_GNYA1SO04JSL3K	3.624872151	2.297502062	1.524297762	1.93977143	-0.60762189	-1.30625647	-1.399076818	3.05E-06	0.000201775
YGL02_GNYA1SO04JW4IV	3.495002992	2.297432878	0.313965723	0.537076328	-0.700466508	-1.121964187	-2.768902834	2.72E-06	0.000187806
YGL02.10768.C1	3.323679388	2.294298044	0.626168214	0.893002885	0.043996225	-0.542411086	-1.067617992	9.71E-05	0.002080831
YGL02_GNYA1SO04IIRFO	3.420861161	2.292356385	0.443853504	0.554065911	0.215246704	-0.560261299	-0.896051262	3.38E-05	0.000999325
YGL02.15675.C1	4.663797692	2.291353303	-1.650231497	-0.224955353	0.042816486	0.201622064	-1.630722783	8.13E-05	0.001834317
YGL02_GNYA1SO04IT3M3	4.373626854	2.290561776	1.298631058	1.759569208	0.292822462	-1.051164202	-1.905956807	3.92E-07	5.53E-05
YGL02_GNYA1SO04JP39I	4.660645734	2.288703477	1.672299674	2.217798548	-0.512763742	-1.645278871	-2.620823198	8.76E-06	0.000399349
YGL02.12926.C4	4.218736887	2.288302633	1.400554924	1.889090743	0.399284333	-0.870222172	-1.918151035	4.32E-06	0.00025232
YGL02_GNYA1SO04I2JQM	3.523615838	2.287647844	-0.602322343	0.786353259	0.147826012	0.065852407	-1.054929299	8.51E-06	0.000391772
YGL02_GNYA1SO04JG9QG	3.140253157	2.287513789	0.812015567	0.886279284	-0.376193102	-1.091969726	-1.618885458	8.16E-05	0.001839116
YGL02.10136.C1	3.762689706	2.286150406	0.139516454	-0.603565314	-0.103059686	0.073615724	-0.941646938	0.000196277	0.003383819
YGL02_GNYA1SO04JXN1Q	3.744059455	2.284318508	0.496017072	1.055548861	0.3175163	-0.72105558	-1.652479752	0.000178647	0.00316259
YGL02.8635.C1	5.122229251	2.280777288	0.187762536	0.634342429	0.087675159	-0.136329242	-0.776511259	2.03E-06	0.000156924
YGL02.19694.C2	3.602833316	2.280294891	0.473296227	0.560867994	-0.569387182	-0.940186499	-1.207766124	2.23E-07	3.90E-05
YGL02.19617.C1	4.09328811	2.280079684	3.140066521	2.354535566	-0.012823474	-1.173928103	-2.413831929	5.57E-06	0.000297803
YGL02_GNYA1SO04ISFL3	2.928900027	2.27719934	-0.146884142	0.688791096	0.680095943	-0.08889595	-1.719061962	0.000226358	0.00374274
YGL02_GNYA1SO04IMZWW	3.345698999	2.275590985	0.948624671	1.513842037	0.695169386	-0.808377891	-1.684190765	0.000158339	0.002912579
YGL02_GNYA1SO04JM803	4.705762681	2.274310462	0.032442513	1.946465581	-0.042646088	-0.072658996	-2.338089686	0.000204499	0.003479454
YGL02_GNYA1SO04JH16X	2.883443318	2.273821432	0.750754689	2.09681482	-0.176687281	-1.464348564	-1.929263531	1.45E-06	0.000127447
YGL02_GNYA1SO04IECSG	4.928878806	2.272452062	1.19648991	2.346899225	0.129192146	-1.031411588	-1.376410264	1.79E-09	3.69E-06
YGL02.3531.C1	2.870524509	2.267727328	0.077738217	0.35591379	0.232374548	-0.324512713	-0.446550911	2.37E-07	4.06E-05
YGL02_GNYA1SO04ID9DX	4.053184733	2.266010176	1.037590496	1.112845085	-0.225703255	-1.674722311	-1.77858017	0.000431572	0.005886002
YGL02_GNYA1SO04H2TEP	4.256836679	2.265269246	1.106560294	2.122501892	-0.484816274	-1.126756295	-1.775027473	2.99E-06	0.000199231
YGL02_GNYA1SO04IYAAX	10.15228121	2.26472267	0.240060833	1.017383843	0.133368513	-0.69405996	-2.211994295	3.44E-08	1.46E-05
YGL02.17871.C1	4.837488608	2.256738144	-0.9584493	-0.413601582	-0.565843658	-0.613991115	-1.331532153	2.25E-06	0.000166499
YGL02.12365.C1	2.998726901	2.255286373	1.459927452	2.40537239	0.067101715	-1.164693714	-2.48005629	3.80E-07	5.42E-05
YGL02.19829.C1	3.601408737	2.253247865	0.177364099	1.173007606	-0.204060994	-0.216873416	-1.020839237	6.67E-08	2.08E-05
YGL02_GNYA1SO04IZ4S2	3.870681422	2.252576981	0.091900856	1.354640329	-0.74245779	-0.660284652	-2.840759361	3.17E-05	0.000955803
YGL02.12839.C1	5.045469989	2.251352825	0.529857604	1.145043978	-0.401020375	-0.788816887	-1.101738987	8.58E-06	0.000393714
YGL02_GNYA1SO04JW2ZM	3.96777759	2.251102064	0.779278582	2.860940225	-0.364593923	-1.610306952	-2.22082681	0.000445468	0.006022444
YGL02.17089.C1	3.001583411	2.243853396	-0.08042824	0.384524765	-0.17077736	-0.746122453	-1.161847445	1.01E-07	2.57E-05
YGL02_GNYA1SO04IRFDJ	4.394424769	2.242657075	-0.302524007	0.934313466	0.293779487	0.15359338	-1.248549627	0.000651244	0.007895762
YGL02_GNYA1SO04H2GL1	2.876422099	2.241772048	0.138457324	0.161088352	0.127574287	-1.317165441	-1.271735077	1.58E-05	0.000588135
YGL02.9475.C1	5.139135944	2.239230721	0.368791686	1.572740644	-0.661712815	-0.512503902	-1.845625876	0.00032953	0.004889814
YGL02_GNYA1SO04IQTRS	3.067070725	2.237519593	0.57560042	0.319268687	-0.072821598	-0.802106992	-1.097716562	7.25E-07	8.19E-05
YGL02.22299.C1	3.758523435	2.236400456	0.394911918	1.252514196	-0.245385243	-0.405208398	-2.173875576	2.11E-06	0.000161528
YGL02_GNYA1SO04IWHN9	3.428179214	2.236245463	-0.412146993	0.070973083	-0.2600209	-2.284040706	-2.422456213	0.003417697	0.025701758
YGL02_GNYA1SO04JBIRB	5.719498898	2.235320493	0.264101568	0.807766938	0.271253027	-0.260490003	-1.14145585	6.67E-09	7.02E-06
YGL02.15004.C1	3.8221717	2.230051742	0.509446311	1.38418667	0.297863429	-0.914593135	-1.74067516	1.06E-06	0.000104614
YGL02_GNYA1SO04JGQX2	4.387610407	2.224727383	0.708909353	-0.064159201	0.108305824	-0.906969576	-0.356436273	0.00070719	0.00837414
YGL02.5051.C1	6.784127889	2.221530675	0.364504902	0.74770247	0.127667091	-0.602847892	-1.094586959	8.63E-07	9.24E-05

YGL02_GNYA1SO04JFGR1	3.136791087	2.220434017	0.143350983	0.988021723	-0.442284507	-1.395026012	-2.145370859	0.000521563	0.006721858
YGL02_GNYA1SO04I92DQ	9.715403858	2.217785592	0.790277669	1.401134453	-0.129399787	-0.754004219	-2.035498902	1.50E-07	3.10E-05
YGL02.7796.C1	2.95606003	2.217208831	0.20725842	0.95042895	0.423395641	-0.747449259	-1.74454697	3.85E-06	0.000234948
YGL02_GNYA1SO04JM2MQ	3.53193467	2.21584365	-0.206343895	1.30681754	-0.026675999	-0.023875956	-2.388364945	5.20E-08	1.89E-05
YGL02_GNYA1SO04IV4L0	3.285031327	2.214966979	0.683111523	2.006209022	-0.41965666	-1.684429046	-2.336302966	0.000102019	0.00215306
YGL02.22386.C1	3.993965994	2.213346504	-0.020862029	-0.655187967	-0.473263896	-0.486641297	-0.61403768	1.85E-05	0.000654695
YGL02_GNYA1SO04IR26S	3.488364252	2.208819001	0.078055777	0.218584847	-0.359015475	-0.431022668	-0.754245175	5.53E-07	6.86E-05
YGL02_GNYA1SO04IV7FV	3.064339149	2.207396528	0.210449975	1.076078404	0.035245467	-1.449042975	-1.793182114	1.56E-07	3.15E-05
YGL02.18300.C1	3.851395991	2.205227545	0.346083749	1.090451627	-0.638929148	-0.53981674	-1.120568208	4.42E-06	0.000256701
YGL02.4092.C1	5.436022683	2.205125196	0.125638232	0.885523641	-0.206622795	-0.14189583	-0.769105161	1.31E-07	2.88E-05
YGL02.16261.C1	4.838817072	2.204393839	0.731300162	1.030966735	-0.109483519	-1.068223602	-1.704471799	8.65E-06	0.00039559
YGL02_GNYA1SO04H4HZ5	2.770903464	2.204257647	0.021720485	0.818619775	0.155413151	-0.188925773	-1.203218505	8.88E-07	9.37E-05
YGL02.22223.C1	4.784078092	2.20200751	-0.262908089	0.23410027	-0.458425196	-0.31413146	-1.184810079	0.000207622	0.003515809
YGL02_GNYA1SO04I8DD3	3.738673989	2.201116317	0.848012464	1.480515464	0.154360354	-0.520036812	-1.535455183	7.86E-05	0.001792842
YGL02_GNYA1SO04JNZCF	3.383160507	2.200474206	0.416736913	1.365836238	-0.069074369	-0.777390452	-1.77424434	0.000422817	0.005810657
YGL02_GNYA1SO04IDRQ2	4.011896547	2.199187971	0.272316916	1.840366147	-0.141418682	-0.269722681	-2.359617716	0.00011248	0.00230218
YGL02.23116.C1	4.437707526	2.195930822	-0.482013041	0.574888145	-0.705871492	-0.192085647	-0.878436211	0.000270835	0.004253791
YGL02.10460.C1	3.156664549	2.195386717	1.148934394	0.675365931	-0.314812026	-1.749409132	-0.819188035	1.87E-06	0.000149865
YGL02.8468.C1	4.00839985	2.19533421	0.361722243	0.194691565	0.091071568	-0.614971349	-1.085065856	0.000225844	0.003737063
YGL02.7447.C1	5.59260817	2.194524723	0.285301688	1.904231254	-0.312618462	-0.444630492	-2.199726114	4.28E-07	5.87E-05
YGL02.2945.C1	4.741479249	2.194264018	-0.371992663	1.239332338	-0.384763422	-0.226566976	-1.741647008	1.28E-05	0.000507727
YGL02.19739.C1	3.588971049	2.194216185	1.224056411	2.041922013	-0.467963071	-0.906507132	-1.918844972	1.75E-06	0.000143751
YGL02_GNYA1SO04JHFXP	2.852059406	2.193199174	0.90992203	1.08994774	0.500716594	-0.861637876	-1.456249024	0.002240403	0.019023495
YGL02_GNYA1SO04JT92V	3.147637312	2.193188986	0.128313043	-0.204801556	-0.167111652	-2.29735119	-1.072712172	0.000793545	0.009103678
YGL02.3825.C1	5.796027659	2.190148323	0.892217014	2.066728363	0.310800605	-0.591294039	-1.623041883	4.76E-07	6.26E-05
YGL02_GNYA1SO04JVOP1	2.838617904	2.189432524	0.305001934	0.966872667	0.318801169	-0.027585557	-1.105398003	2.16E-05	0.000732776
YGL02.3807.C1	4.065036218	2.186640953	0.067264808	1.720140647	-0.107716435	-0.65755756	-1.893092228	4.10E-06	0.000245129
YGL02_GNYA1SO04JNJGA	2.935137489	2.185672415	-0.009673852	0.652879417	-0.004334409	-0.685456614	-0.800649224	1.29E-06	0.00011882
YGL02.11684.C1	2.984073289	2.182739	-0.033411728	0.445781851	-0.075120413	-1.636671684	-2.012261776	0.000734579	0.008618084
YGL02.16734.C1	4.105283417	2.182521992	0.518143982	1.290810849	-0.069870549	-0.495510391	-1.354070564	0.00015189	0.002829723
YGL02.11031.C1	2.809304884	2.181751992	-0.060378329	0.436040785	0.369968345	-0.349620511	-1.127132911	3.81E-06	0.000233174
YGL02_GNYA1SO04JSLDX	4.959253599	2.180754505	0.687758396	0.749176095	0.029574198	-0.682241933	-1.874981759	8.48E-05	0.001890427
YGL02_GNYA1SO04JH64T	2.942226809	2.180689641	0.123084083	1.783903624	0.008912376	-0.694629671	-1.427956295	3.28E-06	0.000212093
YGL02.12332.C1	3.469394283	2.178969188	-0.379716263	0.38408201	-0.142696144	-0.857678852	-1.365286595	3.03E-05	0.000926559
YGL02_GNYA1SO04H5CME	4.133420442	2.178596064	1.005035275	2.520726568	0.011238648	-1.445415342	-1.765981576	0.000132273	0.00257579
YGL02_GNYA1SO04H9KB0	4.663925972	2.177246292	-0.003701706	1.471719229	-0.239909117	-0.463923966	-1.822615641	0.000100627	0.002133787
YGL02.12926.C2	6.715331655	2.177165076	1.052314573	1.684037987	0.523426321	-0.578095042	-1.739423942	9.84E-08	2.56E-05
YGL02.18183.C1	4.465049246	2.177026257	-0.633497576	0.178211323	-0.107762306	0.082323227	-1.148798023	0.000121656	0.002428752
YGL02_GNYA1SO04JT6QK	3.040079911	2.174715802	0.247438592	1.114592704	-0.190519646	-1.126481309	-2.114138217	0.000856518	0.009609874
YGL02.2983.C1	3.629606648	2.173581679	1.480265623	1.810906977	0.132349496	-1.268769364	-1.90062534	4.21E-05	0.001160237
YGL02_GNYA1SO04JUWIU	5.684822028	2.170648323	0.922658266	1.085393854	0.205784089	-0.883388002	-1.229063087	2.22E-07	3.89E-05
YGL02_GNYA1SO04JKQ5I	5.410363774	2.170235518	-0.251900626	1.384955133	0.153446032	0.09189887	-1.694052809	2.76E-08	1.35E-05
YGL02.360.C2	6.37528427	2.170163979	0.742602862	1.815791913	-0.145402876	-0.595468429	-2.352107626	7.88E-10	3.26E-06
YGL02_GNYA1SO04IANOK	5.162995562	2.168721338	-0.777008381	-0.306550041	0.330854003	-0.504644013	-2.182091586	4.46E-06	0.000258072
YGL02_GNYA1SO04IWLQW	4.697408253	2.168291165	0.931251909	1.557181302	-0.252940429	-1.767349862	-2.027000981	0.000343751	0.005033831
YGL02.12383.C1	4.723656904	2.16723423	0.118943826	0.190890778	-0.104452781	0.232004176	-0.797939923	3.09E-05	0.000939125
YGL02.8340.C1	5.662137378	2.165867332	0.37558105	1.279428735	-0.147096335	-0.239879658	-1.388240393	6.21E-10	3.26E-06
YGL02.1011.C1	3.431520929	2.16397368	1.262249609	1.667872627	-0.115374547	-1.643435775	-2.270207357	2.91E-05	0.00090282
YGL02.6818.C1	6.105293355	2.162685542	0.528470062	1.939631726	0.216120237	-0.582163689	-2.148042126	1.65E-07	3.27E-05
YGL02.1462.C1	7.280741802	2.162054872	0.926638993	2.007783371	0.022776111	-0.502933503	-1.814577616	2.57E-10	3.18E-06
YGL02.10184.C1	2.721922123	2.161294617	0.708266807	0.337780525	0.27984995	-0.74419818	0.055706545	2.26E-06	0.000167313
YGL02_GNYA1SO04JKBQV	3.29838119	2.158657002	-0.337135539	1.299835729	0.180007156	-0.522779766	-2.981518779	0.007136195	0.043768193
YGL02.21146.C1	2.926393089	2.158646935	0.323414066	2.009881721	0.309143449	-0.455515263	-1.884124321	6.42E-06	0.000325821
YGL02.827.C1	5.013542346	2.155772025	0.281560607	0.379232598	-0.125878294	-0.575569536	-0.828278459	2.71E-06	0.000187767
YGL02_GNYA1SO04I1X32	3.053976014	2.152061345	-0.150436826	0.312726964	0.397451571	-0.444095642	-0.548459769	0.000581308	0.007273955
YGL02_GNYA1SO04JDETT	2.727716627	2.151167176	0.903650325	2.42620567	0.131543787	-0.841929893	-2.097690896	0.000466429	0.006219913
YGL02_GNYA1SO04IR45L	7.5188168	2.15065272	1.243897648	1.265932279	-0.169076957	-0.662247029	-1.63910989	1.43E-07	3.03E-05
YGL02_GNYA1SO04INMUT	7.042456935	2.150375944	0.015712089	1.09158975	-0.088664499	-0.409502656	-1.918415319	7.30E-08	2.16E-05
YGL02.9454.C4	6.46348261	2.147665855	1.305834762	1.260966568	-0.034354889	-0.68897852	-1.554203934	9.88E-07	9.99E-05
YGL02.20882.C1	5.667899874	2.146120307	0.525294921	1.474483267	-0.029765977	-0.826919283	-1.940333277	7.01E-08	2.12E-05
YGL02.14491.C1	3.452405371	2.14611861	0.573375321	0.807479983	0.101736476	-0.663326687	-1.073088939	2.25E-06	0.000166499
YGL02_GNYA1SO04JSOHV	5.567456365	2.144780508	0.605713162	1.095904093	-0.311215161	-0.888372492	-1.640176205	2.26E-08	1.21E-05
YGL02.20319.C1	3.069457304	2.142308279	0.349460612	0.380314994	-0.184520036	-0.764378476	-1.316101875	0.000125865	0.00248452
YGL02.479.C13	4.278505244	2.140632151	1.247113451	1.309814346	-0.864017904	-1.332224069	-1.256760439	2.97E-05	0.000914191
YGL02.15167.C1	4.965954611	2.13947111	0.162960399	1.698365223	0.05125204	-0.441850267	-1.140736205	3.20E-05	0.000962272
YGL02_GNYA1SO04IIH7J	4.453755124	2.138993027	1.864351208	3.273279415	-0.431708162	-0.95983845	-2.367088956	8.95E-07	9.40E-05
YGL02_GNYA1SO04I9RRW	3.15970344	2.137594186	-0.309610981	-0.282864138	-0.114026322	0.344471321	-1.223118112	0.001352193	0.013265607
YGL02_GNYA1SO04IMTGA	3.106324869	2.137168778	0.355079514	1.276480476	0.25269773	-0.514055926	-1.195731259	9.67E-05	0.002075751
YGL02.5462.C2	6.773657047	2.135775846	0.774770151	1.052028396	-0.310027003	-0.835715372	-1.434105035	2.23E-10	3.18E-06
YGL02.13931.C1	3.758356304	2.134834154	0.377489042	1.096344341	-0.172074951	-1.751292563	-1.579257575	0.000305298	0.004638965
YGL02_GNYA1SO04JPO7F	3.35961826	2.133445102	-0.058552229	0.068684598	0.181644954	-0.055699276	-0.22325609	9.70E-05	0.002079216
YGL02.12538.C1	5.188347056	2.131342986	0.149182477	0.838247759	-0.3618104	-0.178789608	-1.272936267	1.43E-05	0.000549335
YGL02.9767.C2	3.286939998	2.130149247	-0.259300587	0.597915999	-0.316652859	-0.246203049	-1.177504811	6.96E-06	0.000343489
YGL02.2688.C1	5.122865768	2.128583748	-0.662502235	1.547357901	0.042027731	0.169171752	-2.084323642	2.14E-06	0.000162294
YGL02.3841.C1	6.5365415	2.12818387	0.829094487	0.698820224	0.228058101	-0.97235282	-1.312133081	7.80E-10	3.26E-06
YGL02_GNYA1SO04JM8EQ	3.111874414	2.127917086	0.274522862	1.426841162	0.402491877	-0.16929218	-1.310482999	0.000316625	0.00475499
YGL02.14542.C1	3.067058828	2.123571005	0.196259836	0.835826701	-0.046486208	-0.657661408	-1.872472479	6.59E-05	0.001576054
YGL02_GNYA1SO04I124U	9.290483918	2.119798392	0.199263872	0.852322123	0.201058275	-0.718207666	-2.080692319	2.06E-07	3.73E-05
YGL02.15316.C1	4.437323444	2.118205301	0.869540256	1.675337988	-0.35838163	-1.30921919	-2.314314504	7.48E-07	8.37E-05
YGL02.9348.C1	4.114763514	2.1180047	0.893932373	1.021504	0.417398645	-0.63696238	-0.968332755	3.38E-06	0.000216016
YGL02_GNYA1SO04JZZ4G	4.644537945	2.116888944	1.329250638	2.648290477	0.397330872	-0.645252244	-1.923074779	3.63E-05	0.00105227
YGL02.12926.C1	6.809353155	2.116504456	0.632540622	1.53312065	0.304606016	-0.680533146	-1.684623159	1.20E-07	2.77E-05
YGL02_GNYA1SO04IKQBL	3.472670058	2.114082738	1.020454836	0.756511329	-0.038810656	-1.463475691	-0.740440448	0.000312714	0.004718135
YGL02.9730.C1	3.690344079	2.109181238	-0.654494926	0.764238355	-0.095828104	-0.121171464	-1.514139541	1.71E-07	3.34E-05
YGL02.13664.C1	3.258899692	2.109062939	0.050065747	0.375721946	-0.272006789	-0.268677286	-1.208622414	7.06E-06	0.000346885
YGL02_GNYA1SO04JAQ6Z	3.177574542	2.107234279	-0.039157152	1.46836238	0.202897564	-0.365333481	-1.854576362	0.002040086	0.017791546
YGL02_GNYA1SO04JGLBL	8.159379153	2.104738901	-0.055486004	0.813874074	-0.03689358	-0.549036691	-1.749346395	4.23E-08	1.63E-05
YGL02_GNYA1SO04IT37O	5.3151088	2.104117378	-2.13009733	1.548292081	0.11291576	0.69650269	-2.101695278	0.000425382	0.005829215
YGL02.11255.C1	5.192327025	2.102747214	0.077100926	1.933922967	-0.038817849	-0.43049446	-2.104249221	9.95E-07	0.000100391
YGL02_GNYA1SO04ISV0A	4.016375958	2.10234311	-0.334012176	-0.770966287	0.369232078	0.328963084	0.533421849	0.0001344	0.002601576

YGL02.13768.C1	5.289540798	2.101016419	0.697912898	1.167426232	0.011677058	-0.695572909	-1.438345921	9.20E-08	2.45E-05
YGL02.8654.C1	7.713417968	2.100006052	-0.263339597	0.517802218	-0.123886626	-0.183665954	-1.387085296	2.98E-10	3.18E-06
YGL02.93.C1	4.393442553	2.09788914	0.005431798	0.435401662	0.417811374	-0.887508926	-1.721272741	2.67E-05	0.000846958
YGL02.2407.C1	3.662868756	2.09717239	0.521848385	2.267128393	-0.17101182	-0.296674048	-1.651622143	0.000377075	0.005363025
YGL02.8896.C1	3.307797966	2.096951762	1.22615082	1.224577585	0.396593805	-1.612648285	-1.739684412	1.15E-05	0.000474198
YGL02_GNYA1SO04IF121	3.138870809	2.095876107	-0.221808039	0.660294181	-0.220338616	-0.693977311	-1.695112987	2.52E-05	0.000812313
YGL02.16111.C1	4.300670012	2.095641199	1.209715894	1.695595992	-0.375462159	-0.930822418	-1.809405518	1.34E-06	0.000120365
YGL02_GNYA1SO04IHVWC	5.267276191	2.094729394	-0.162508397	1.20838986	-0.121462464	0.273489905	-1.342725482	2.05E-07	3.71E-05
YGL02_GNYA1SO04IYW3E	4.369850977	2.093272213	0.662411895	1.257247104	0.992022778	-1.000467838	-1.591055819	1.27E-06	0.000117351
YGL02_GNYA1SO04I1RP6	5.602451198	2.092993306	0.212506821	1.344749244	-0.612391898	-0.680649765	-1.368689814	2.19E-05	0.00074038
YGL02_GNYA1SO04I9049	3.843336952	2.092920874	0.680737075	2.029087529	-0.210844444	-0.949557188	-1.992010667	7.96E-06	0.000375122
YGL02.12926.C3	6.010695179	2.092220647	0.77520413	1.853981566	0.478784335	-0.467549878	-1.689493318	1.00E-07	2.57E-05
YGL02_GNYA1SO04IDF39	3.427442755	2.092105233	-1.047493496	-0.031778522	0.770823616	-0.87078968	-1.573001029	0.007258485	0.044300024
YGL02.2117.C6	6.789606127	2.091965103	-0.465035344	1.596783898	-0.235711374	-0.334827234	-2.097407143	5.13E-05	0.001324597
YGL02.19669.C1	3.499669388	2.090868011	-0.366097488	-0.293791809	-0.080716831	-0.708907137	-1.146916701	1.89E-06	0.000150888
YGL02.22982.C1	3.96234614	2.08820278	-0.429060219	0.668906532	0.296018703	-0.318275291	-0.839154349	8.72E-05	0.001929334
YGL02.16556.C1	4.105736088	2.088161516	-0.002330436	1.454386562	-0.100441507	0.027283188	-1.463634289	3.51E-07	5.19E-05
YGL02.19341.C1	2.736540261	2.086298145	0.399995017	0.778189007	0.462182448	-0.822566552	-0.902544189	2.56E-06	0.000181561
YGL02.8181.C1	6.766609589	2.086289065	0.258543968	0.700745661	-0.010414498	-0.332332687	-0.992390579	8.23E-08	2.32E-05
YGL02.1454.C2	3.16950977	2.082720819	0.796553941	1.675381689	0.009529036	-0.353514276	-1.563856696	5.04E-05	0.001308472
YGL02.7024.C2	4.300051418	2.08271785	0.587822548	1.237639216	0.191994946	-0.602530743	-0.975094021	6.85E-09	7.03E-06
YGL02.2445.C1	3.913045872	2.082656774	1.355621209	1.427758002	-0.312627662	-1.235306744	-1.392778595	0.00010287	0.002164319
YGL02_GNYA1SO04JKGKN	6.101288191	2.081630145	0.473113923	1.513115721	-0.060905278	-0.60375002	-1.651459724	8.17E-08	2.32E-05
YGL02_GNYA1SO04IS2F1	3.993279092	2.081410328	-0.242130816	0.496615289	0.940818708	-0.366431139	-1.174093304	7.95E-06	0.000375122
YGL02_GNYA1SO04IKUGK	3.767025104	2.081409672	0.589867403	1.263184871	0.731357685	-0.981786265	-1.780635991	8.62E-06	0.000394748
YGL02.21952.C1	3.365619537	2.080407597	-0.117353348	0.568399593	0.007126141	-0.200776997	-1.901213305	0.000135294	0.002615748
YGL02.17754.C1	4.278001684	2.079260409	0.676985143	1.149681357	-0.080922998	-0.818660349	-1.277460912	6.31E-08	2.06E-05
YGL02_GNYA1SO04JBVY0	3.350137242	2.075943426	0.469547643	1.752206444	0.701559786	-0.963857892	-2.218190864	0.000733805	0.008611362
YGL02.9356.C1	4.205938322	2.075916378	0.597712229	0.887805971	-0.431066576	-0.756629466	-2.082885311	3.14E-05	0.000950324
YGL02.19482.C1	5.109639023	2.07525232	0.503157981	1.3863066	-0.06592177	-0.821172383	-1.221932012	6.38E-08	2.06E-05
YGL02.10406.C1	4.801795641	2.074768723	0.630820555	1.022618664	-0.195171965	-0.799677346	-1.973302334	3.76E-05	0.001078353
YGL02_GNYA1SO04IX3SH	5.736023147	2.07295357	0.568889265	1.816220365	0.125489183	-0.951396296	-2.419702269	9.05E-09	7.51E-06
YGL02_GNYA1SO04IC7CH	5.655881723	2.070948839	-0.751772583	1.410002131	-0.065741388	0.324829837	-1.868035323	0.000357004	0.005164922
YGL02_GNYA1SO04IJR9Z	5.925418567	2.069894888	0.243519018	0.707643952	0.268343281	-0.455834435	-1.076284519	1.84E-06	0.000148858
YGL02_GNYA1SO04I25YW	3.26969871	2.067366489	-0.649659977	1.071789026	0.252635037	0.392910197	-1.489710308	2.64E-05	0.000840786
YGL02.10013.C1	7.043186816	2.066980157	0.526838397	1.291192449	-0.186028273	-0.629616463	-2.052493769	7.56E-08	2.21E-05
YGL02_GNYA1SO04JUDB5	2.995878433	2.06654725	0.359039004	0.063574208	0.282230257	-1.104307022	-0.709930616	9.19E-06	0.000411053
YGL02.8967.C1	4.380757098	2.066383215	1.033892713	-0.128274801	0.043421973	-0.791005202	-0.876879001	0.000384494	0.005438681
YGL02_GNYA1SO04IWCPC	3.750311083	2.06578397	1.116095455	1.904874899	0.150482711	-0.773598003	-1.752230599	1.35E-05	0.000526261
YGL02.14957.C1	3.553735951	2.059577382	0.699303348	0.998012586	0.459886572	-1.023782359	-1.409178376	0.00085202	0.009574342
YGL02_GNYA1SO04JPVDT	3.07596869	2.059193915	0.589016661	0.443682616	-0.403938339	-0.93462097	-1.363597679	0.001756616	0.016019569
YGL02_GNYA1SO04JUBYL	3.766833768	2.058975106	-0.089428626	0.766355276	-0.496030173	-1.056698175	-0.985406864	2.38E-06	0.00017339
YGL02_GNYA1SO04JDZD4	3.362174111	2.057911876	0.544152134	0.576094963	-0.371755908	-0.301308336	-1.115125154	0.000178107	0.003156709
YGL02_GNYA1SO04IQ63X	4.300738099	2.057317444	0.961374107	1.044822076	-0.348772139	-1.102515374	-1.976728546	6.87E-06	0.000340468
YGL02_GNYA1SO04IGPTD	3.514094138	2.056855358	0.713558358	1.731207379	-0.355158758	-1.365923198	-2.426714554	0.00031313	0.004720258
YGL02.2828.C1	3.845053047	2.056591906	0.617103057	1.674995747	-0.454446046	-0.866446039	-1.568483954	0.000272792	0.004276751
YGL02_GNYA1SO04IKN3O	2.790347106	2.056369571	0.238075834	0.740880229	0.343910226	-0.855014897	-0.758843105	0.000601609	0.007446674
YGL02_GNYA1SO04IS85S	4.86020328	2.054661557	0.844092787	1.402023783	0.006895191	-1.027030574	-1.688187113	3.09E-08	1.43E-05
YGL02_GNYA1SO04H0M0R	5.271648237	2.05396762	0.473288767	0.519180287	0.060346928	-0.952341972	-1.01649471	2.39E-07	4.08E-05
YGL02.6539.C1	3.897497649	2.05277371	0.112132886	0.062646583	-0.152472344	-0.45683365	-0.792756855	0.000919096	0.010103649
YGL02_GNYA1SO04I8S1X	3.086703814	2.050587898	0.323658901	0.205628191	0.014482065	-1.170476256	-1.834538399	0.004342853	0.030558032
YGL02_GNYA1SO04IHIGL	6.835676743	2.049644559	1.023724987	1.715545968	-0.016437036	-0.685208287	-1.494332699	5.29E-07	6.70E-05
YGL02.17823.C2	5.212293736	2.048460919	0.38614293	1.248114289	-0.04475208	-0.436587623	-1.279219733	2.98E-07	4.70E-05
YGL02.14643.C1	3.05382799	2.047617668	0.440037183	1.560219583	0.453141761	-0.177778668	-1.986625544	1.45E-05	0.000556182
YGL02_GNYA1SO04IJ3YM	2.812935337	2.047608806	0.310432565	0.941620702	0.009922349	-0.720895104	-2.420545013	3.58E-05	0.001040679
YGL02.8321.C1	2.961962305	2.046541539	0.199999068	0.811125171	-0.044369749	-1.148525611	-2.765557542	7.77E-06	0.000369122
YGL02_GNYA1SO04IIFQB	4.620562664	2.046456494	1.25412272	2.032469157	-0.352428836	-0.444017169	-1.823713718	7.88E-05	0.001794219
YGL02_GNYA1SO04JCSG7	3.3892209	2.045723137	0.276491325	1.316077675	0.428962979	-0.294979737	-1.533450913	0.000181108	0.003195251
YGL02.16886.C1	3.845766675	2.044749293	0.490587186	0.703259858	-0.596017326	-0.283920956	-0.852740099	0.000162755	0.00296642
YGL02_GNYA1SO04H9ZXZ	3.213868955	2.043454957	-0.077895316	0.339524114	-0.259196665	-0.093675298	-1.194956686	0.000210835	0.003558279
YGL02_GNYA1SO04JG4YI	3.328188017	2.043068098	0.766981133	1.391067814	-0.576317628	-1.107138478	-1.218741438	0.003578649	0.026595535
YGL02.20800.C1	3.314567361	2.042984735	0.545860215	0.290055424	-0.235043615	-2.462001809	-2.361855376	2.38E-05	0.000779028
YGL02_GNYA1SO04JF3HO	3.45020399	2.042366289	0.200613345	-0.449420033	0.396951019	-0.477094558	-0.667075383	0.000464133	0.006198871
YGL02_GNYA1SO04IFSQA	3.126023884	2.037001254	0.501841991	1.825538825	0.38267653	-0.460132771	-1.619941788	1.17E-05	0.000480536
YGL02.18053.C1	5.468494374	2.036232263	-0.108584918	0.309202739	0.021614823	-0.314921275	-1.531432491	1.26E-07	2.84E-05
YGL02_GNYA1SO04I5C5U	2.701334053	2.035637622	0.962869602	0.421821149	0.214262071	-0.884013412	-1.787448323	0.002610557	0.021217685
YGL02.1199.C2	3.811901485	2.030295481	0.128255452	1.320447596	-0.530651626	-0.755193615	-1.889118491	0.000104527	0.002186149
YGL02_GNYA1SO04JT6NO	2.924166201	2.02924117	0.760680982	1.98255745	0.124492487	-0.747227674	-1.865932852	0.001630511	0.015181519
YGL02_GNYA1SO04IMP8T	2.703195695	2.029030236	0.807166012	1.836872327	0.448847103	-0.839195293	-1.650381966	0.002083593	0.018050622
YGL02.4768.C1	9.376131256	2.026849034	0.672631541	1.334960629	0.039413368	-0.534299787	-1.851671042	9.94E-08	2.56E-05
YGL02.7757.C1	5.543263347	2.025004516	0.053454055	0.942377612	-0.411405576	-0.515019336	-1.273687636	2.04E-07	3.71E-05
YGL02_GNYA1SO04JKJGW	4.070049739	2.024411807	-0.377703219	0.225819722	-0.302756397	-0.508303507	-1.550549067	0.000700198	0.008315272
YGL02.22436.C1	4.123421086	2.022296498	0.846220934	1.77622222	0.301601321	-1.066113988	-1.973051693	1.65E-05	0.000607161
YGL02_GNYA1SO04JUVR3	3.458699852	2.021865943	1.050367198	2.50021588	-0.22943691	-1.238474728	-1.922043897	5.78E-05	0.001439938
YGL02.10203.C1	4.35830392	2.021769851	0.278941389	0.587192661	0.346851426	-0.355481485	-0.94991007	1.73E-06	0.00014314
YGL02.12669.C1	5.801443933	2.02067365	0.725885058	1.29058467	0.134618133	-0.760268635	-1.309218661	6.71E-08	2.08E-05
YGL02.11553.C1	5.244858283	2.019569873	-0.081454089	0.650184562	-0.013604021	-0.015874866	-0.827099338	2.15E-07	3.84E-05
YGL02.10495.C1	3.265157128	2.019255897	1.174173582	0.836404181	0.133637673	-1.004667216	-0.878061399	7.32E-05	0.001700784
YGL02_GNYA1SO04I5XBS	5.233726113	2.019219698	-0.372842314	-0.034557985	0.019338951	0.003470742	0.119274925	1.62E-08	1.02E-05
YGL02_GNYA1SO04INQHP	2.813645408	2.015558891	0.577080722	0.822055641	0.064225111	-0.565431259	-0.99448895	0.000830179	0.009402344
YGL02.5428.C1	3.375958838	2.014311253	0.987369487	1.57942503	0.092054785	-0.925847627	-1.077153435	3.54E-06	0.000223061
YGL02.15144.C2	3.7198025	2.014084461	-0.709966139	0.383497246	0.146700091	0.093445396	-0.629843805	2.02E-05	0.00069973
YGL02_GNYA1SO04IWRJE	2.77564425	2.01141959	0.004280616	0.467249229	-0.01372662	-1.248826493	-1.655411402	0.000165652	0.003003168
YGL02.2165.C1	3.223683826	2.010911736	-0.108095296	0.999756356	-0.12936691	-0.71641638	-0.735624089	3.54E-05	0.001034248
YGL02.524.C2	5.311870498	2.00987944	0.640445657	1.2540917	-0.451912569	-0.748932653	-1.514712022	6.57E-08	2.08E-05
YGL02.23371.C1	4.234732502	2.009671218	0.252898882	0.712163252	-0.204920847	-0.845139105	-1.101552789	0.00015142	0.002825434
YGL02_GNYA1SO04IBSJO	3.749596896	2.008795255	0.357877981	0.330616279	-0.639772996	-1.000913198	-1.466921891	0.000132336	0.002576636
YGL02_GNYA1SO04I4UTS	4.146611235	2.00802193	-0.258798754	1.259063745	-0.535445232	-0.003809171	-1.233959041	0.00016017	0.002934552
YGL02.14295.C1	5.85535504	2.007174075	0.034993106	0.820011382	0.132523391	-0.676656642	-0.816450218	2.38E-08	1.24E-05
YGL02.4975.C1	5.14109148	2.006703072	-0.240221316	0.181065965	0.103414094	0.011719812	-1.000812765	3.98E-08	1.58E-05

YGL02.4236.C1	3.498143363	2.006654898	0.082109975	-0.125307489	-0.209242412	-0.91741301	-1.55392942	3.13E-06	0.000205386
YGL02_GNYA1SO04JDGPW	4.511126663	2.006588678	1.04321631	0.902870663	-0.165519034	-0.44283226	-1.28650848	4.02E-06	0.000241643
YGL02_GNYA1SO04H1VS7	4.310719661	2.003930902	0.726107042	1.693510854	-0.184117511	-1.058651216	-1.981195102	0.000205648	0.003492133
YGL02.19864.C1	3.358888597	2.003722962	-0.001691428	0.463013149	-0.007270872	-0.732683484	-1.429105008	1.57E-05	0.000586238
YGL02.13092.C1	3.00143463	2.003146374	0.404150031	0.489149972	-0.043513619	-0.200362426	0.000249377	0.000191742	0.003328436
YGL02.6543.C1	3.574032159	2.002829116	-0.439931105	0.341572178	0.256292935	-0.592788837	-1.311553852	0.000264737	0.004184914
YGL02.20865.C1	4.11690708	2.001957368	1.093179469	1.065187793	-0.223873311	-1.025199938	-1.693281479	2.88E-07	4.60E-05
YGL02_GNYA1SO04ITOF4	3.872138069	2.001455386	1.33653135	0.842287776	-0.00195741	-1.055102311	-1.255550823	0.000290649	0.004474902
YGL02.20537.C1	6.98542056	1.999791444	0.078408926	1.321536681	-0.027579505	-0.501686416	-1.283417372	1.11E-09	3.26E-06
YGL02.18012.C1	3.871695269	1.999656154	0.227295963	0.177643862	-0.196754675	-0.470971958	-0.841412212	2.26E-07	3.94E-05
YGL02.13460.C1	3.445549395	1.998739573	0.068041966	1.941044996	0.981885013	-1.264774079	-1.754688042	5.99E-07	7.23E-05
YGL02_GNYA1SO04JGPXW	3.659797585	1.998382374	-0.093173481	0.859967715	0.242326921	-0.257922402	-0.915384144	3.66E-06	0.000227897
YGL02.71.C1	3.103959671	1.99785224	-0.136765633	-0.018861647	-0.201633945	-0.811520687	-0.610464658	2.67E-06	0.000185806
YGL02_GNYA1SO04IE6NC	3.060133711	1.997162984	1.305099434	-0.009136552	0.50274792	-1.114040154	-0.802453256	0.000446167	0.006028335
YGL02_GNYA1SO04JTV42	4.524887454	1.996507537	2.04437731	1.279374789	-0.695595424	-1.325558279	-1.031961508	1.46E-05	0.000558268
YGL02_GNYA1SO04I2O1R	7.126472238	1.994825239	0.140006434	0.48242437	0.156271269	-0.41060257	-0.878941562	7.89E-07	8.69E-05
YGL02.5968.C1	4.003012541	1.994608817	0.60961182	1.778153232	-0.597827714	-1.020031069	-2.070255305	0.001025038	0.010895529
YGL02.8917.C1	3.534120506	1.992185162	-0.330064233	1.133529005	0.467416946	0.011893309	-1.405088813	4.57E-06	0.000261708
YGL02_GNYA1SO04HZ35K	2.887543629	1.99104845	0.172942063	0.829590539	0.250333036	-1.634064691	-1.675605062	0.000596295	0.007401064
YGL02.22205.C1	2.646446358	1.991031331	0.345851553	-0.023755548	0.544505563	-0.640952373	-0.930255397	0.001691138	0.015584872
YGL02_GNYA1SO04JX3I2	4.653138779	1.99011585	0.326558511	0.572389514	-0.083165991	-0.759991517	-1.116471098	0.000162699	0.002965825
YGL02_GNYA1SO04H44QN	4.012534125	1.989120835	-0.026611486	0.980474773	0.157667785	-0.87370042	-1.531297186	0.001784046	0.01620013
YGL02.5112.C1	4.22406274	1.988801815	0.789036449	1.145915829	0.328819408	-0.824271622	-1.43371247	6.49E-05	0.001558805
YGL02.1928.C1	4.527589642	1.986236883	0.00805134	1.219202807	-0.780888447	-0.039838927	-1.575983671	0.000130221	0.002545407
YGL02_GNYA1SO04IGDIG	4.099408678	1.9847116	-0.261647282	0.840756477	-0.010155292	-0.072695598	-1.294391798	0.00149622	0.014274143
YGL02_GNYA1SO04IBEOR	4.807387406	1.984407972	0.739999213	1.484127726	-0.53924629	-0.915282505	-2.169885422	0.002023432	0.017698246
YGL02.1502.C1	4.92438382	1.983957464	0.299556722	1.772515614	-0.049265502	-0.433052454	-2.073626838	2.47E-06	0.00017701
YGL02.4087.C3	3.736724975	1.98379425	1.082842088	1.173765429	-0.025089561	-0.671041543	-0.950586509	3.97E-07	5.59E-05
YGL02.6510.C1	2.724421512	1.983713492	0.180557545	0.068333892	0.189810131	-0.330765107	-1.096716787	8.44E-06	0.000390064
YGL02.19738.C1	4.077112303	1.981274302	0.864052974	2.009825482	-0.156062045	-0.734691917	-1.656014358	5.53E-08	1.95E-05
YGL02_GNYA1SO04H98WH	3.871300926	1.981197924	-0.877748313	0.233670309	0.640750997	0.441255337	-1.301983472	0.000313258	0.004721392
YGL02.7093.C1	4.439060756	1.979326954	0.784214512	0.922486945	-0.23428323	-0.280207372	-0.884637498	5.67E-05	0.001420055
YGL02_GNYA1SO04ICVST	3.482600562	1.978368358	0.540024419	1.83830348	0.288007717	-1.459983061	-2.004852597	0.000409047	0.0056799
YGL02.7683.C1	3.429753766	1.978062332	0.43807023	0.18659073	-0.01193925	-0.653703497	-0.732425724	2.11E-05	0.000721721
YGL02_GNYA1SO04JH0M5	5.35406761	1.977908933	-0.320427603	1.099733729	0.156397791	-0.26669626	-1.275034746	3.84E-06	0.000234431
YGL02.5222.C1	3.148710806	1.977507541	-0.180857121	-0.095184593	0.10128851	-1.549575199	-1.69038967	5.52E-05	0.001394036
YGL02_GNYA1SO04JSILN	5.222458302	1.977040213	-0.510006484	0.93571237	-0.533293025	-0.181204153	-1.466760513	0.001024024	0.010888323
YGL02.10028.C1	6.706903421	1.976795368	0.239034398	0.725185783	0.037137888	-0.300133775	-0.935714668	3.88E-09	5.56E-06
YGL02_GNYA1SO04JZMLN	5.099550767	1.976436453	1.177604454	2.031987873	-0.059753192	-0.973187601	-0.949457349	3.97E-06	0.000239719
YGL02.6133.C1	4.250835316	1.974543198	-0.023443513	0.761232206	-0.364005752	0.020866728	-0.976559764	8.92E-06	0.000403527
YGL02.10329.C1	5.428609016	1.974514176	0.538493275	0.793431064	-0.055974104	-0.757911134	-1.066288813	1.98E-06	0.000154759
YGL02.13443.C1	3.738320473	1.974449168	0.273714069	2.056978968	-0.350070712	-0.698545246	-3.194418173	0.001665598	0.015405418
YGL02.8548.C1	4.282283109	1.972701084	0.124693309	0.467126518	0.057545902	-0.411928028	-1.590430538	0.000984553	0.010595651
YGL02_GNYA1SO04IC26Z	2.844850741	1.972616909	0.03121553	1.134095198	-0.069846073	-1.231553334	-2.251652772	0.00052536	0.006758691
YGL02_GNYA1SO04IEVGX	4.507870619	1.972608914	-0.007587205	0.390172953	-0.062449189	-0.309932721	-1.128066372	5.35E-07	6.74E-05
YGL02.286.C1	4.172618992	1.969783705	0.628622448	0.456189045	-0.290719484	-0.639976637	-1.064008275	0.0002517	0.004031492
YGL02.22926.C1	6.947527725	1.968817075	-0.036323993	0.845813964	0.278469617	-0.256600797	-1.343835157	1.35E-08	9.39E-06
YGL02.5411.C1	4.677575484	1.96754911	-1.779395831	-0.166022107	0.079217667	0.601515827	-1.007075171	2.52E-05	0.000814176
YGL02_GNYA1SO04IZE4T	4.795132639	1.966911794	-0.156965004	1.188881085	-0.481344118	0.086237113	-0.912576898	0.000259601	0.004124372
YGL02.7455.C1	3.602456975	1.96495285	-0.354254441	-0.489655582	-0.040100081	-0.229393756	-0.469962012	0.000116779	0.002358986
YGL02.11449.C1	3.004782902	1.96452796	0.071803218	0.640530396	-0.151612552	0.242954132	-1.09091029	1.22E-05	0.000489451
YGL02.20322.C1	2.785174373	1.963737722	0.069044761	0.030832325	0.128465467	-1.295878009	-1.225391659	7.79E-09	7.09E-06
YGL02.4252.C1	4.243904906	1.963554759	0.739536251	0.599785895	-0.675680354	-0.429228246	0.11360857	3.10E-05	0.000940853
YGL02_GNYA1SO04JDM19	2.675528837	1.962349387	0.560616554	0.512156849	0.256868287	-0.866378392	-1.373751711	0.001057955	0.01115201
YGL02.23404.C1	5.596001462	1.961879168	0.816463767	1.895962149	-0.265179463	-0.887038989	-1.828568568	3.84E-07	5.45E-05
YGL02_GNYA1SO04JIVCO	2.91274408	1.961278371	1.398296861	1.621030298	0.387245833	-1.079003766	-1.663362209	0.002233809	0.018978702
YGL02.8546.C1	3.710278018	1.960767968	0.465651366	0.756004997	-0.462682511	-0.703296596	-1.181217538	7.87E-05	0.001793575
YGL02.12784.C1	3.060307572	1.958373677	-0.176501769	0.851830679	0.017372375	-0.663046876	-1.464939241	0.000544009	0.00694043
YGL02_GNYA1SO04IOEZX	3.942016116	1.957309881	1.239881901	0.71035694	-0.1816949	-1.160148742	-0.770918753	0.000847239	0.00953468
YGL02_GNYA1SO04JNC5R	3.449734257	1.955902767	0.430944945	0.726700787	-0.405885396	-0.221141003	-0.455207833	5.63E-05	0.001414002
YGL02_GNYA1SO04JDVN6	4.382461118	1.954175516	0.253894483	1.783650542	-0.745759321	-1.462448364	-2.537716398	0.008480424	0.049495058
YGL02.16650.C1	4.58427993	1.953103417	0.353558433	1.098016371	0.57085217	-0.776281779	-1.413724593	8.20E-10	3.26E-06
YGL02_GNYA1SO04H6DUN	7.380501687	1.952203172	0.113118812	0.941292855	-0.214135633	-0.140521869	-1.037880088	1.02E-07	2.58E-05
YGL02.659.C1	6.218252478	1.950445973	-0.02981461	0.799538651	0.153463024	-0.226035844	-1.07370621	3.89E-07	5.52E-05
YGL02.6020.C1	4.191111387	1.949434144	-0.219430777	0.055870319	0.365944146	-0.078203542	-0.760688148	0.000220708	0.003681718
YGL02.13371.C1	4.648209751	1.948893385	0.134136228	0.29174101	0.256967135	-0.866037458	-1.528146674	9.74E-07	9.91E-05
YGL02_GNYA1SO04H0I6V	4.432760067	1.945205412	0.985146218	0.609132202	-0.142614197	-1.250996517	-1.53583567	3.50E-05	0.001023774
YGL02.16028.C1	4.633380873	1.944313347	0.017103308	0.904080097	-0.26592036	-0.402372445	-1.579578816	2.82E-06	0.0001928
YGL02_GNYA1SO04IYSQH	5.858971357	1.943149041	0.045140058	0.400769577	0.070417353	-0.472922258	-1.653435952	6.99E-08	2.12E-05
YGL02.23601.C1	3.023633781	1.942471514	0.171626352	1.54114265	0.21734717	-0.766992605	-1.496176711	6.60E-06	0.00033201
YGL02_GNYA1SO04JY8SJ	4.331220063	1.941971026	0.444898427	1.702711505	-0.041762703	-0.5945862	-2.24218371	0.000516959	0.006682481
YGL02.1617.C1	2.945016753	1.941877303	0.619050322	1.670280889	0.606548564	-0.648129549	-1.384438545	1.66E-05	0.000609799
YGL02.2521.C1	4.777351379	1.941745721	0.927482528	1.370161913	-0.114189725	-0.334562855	-1.160882911	2.58E-07	4.28E-05
YGL02_GNYA1SO04JK23A	5.817141745	1.940926344	0.436142474	1.39142199	0.032727125	-0.9288192	-1.537035154	1.28E-09	3.39E-06
YGL02.15422.C1	2.840895789	1.940604816	0.021643445	0.22451146	0.001170919	0.111474992	-0.320064193	8.42E-08	2.35E-05
YGL02_GNYA1SO04I9DZJ	4.129543614	1.940518309	0.488141071	1.461291438	-0.626542393	-0.646600291	-1.755815843	0.000156287	0.002886539
YGL02.7702.C1	5.737195443	1.940391335	-0.063994617	0.753665006	-0.029649712	-0.681587051	-1.3104777	8.77E-08	2.40E-05
YGL02_GNYA1SO04JMXZA	7.426312137	1.940203272	-0.91512581	0.211698878	0.377207103	-0.121712577	-1.367337166	1.04E-08	8.18E-06
YGL02.379.C1	6.270479724	1.940118604	0.416229084	0.915779522	-0.086427432	-0.670211557	-1.010363966	1.08E-07	2.65E-05
YGL02_GNYA1SO04JUS8O	4.825669206	1.939115962	0.991380058	0.847143468	0.06632893	-1.112981381	-0.950167837	4.29E-05	0.001175016
YGL02_GNYA1SO04IKAFW	3.544622407	1.937565867	-0.329867727	-0.188162148	0.175494593	0.295633965	0.367305067	0.001733776	0.015870516
YGL02.12492.C1	5.229178818	1.935466677	0.670804153	1.276573111	-0.165909328	-0.659794244	-1.971802702	7.33E-09	7.09E-06
YGL02.6517.C1	6.607442531	1.935038961	-0.053482279	1.388674665	0.174733215	0.0224743	-1.030933296	1.14E-06	0.00011051
YGL02.23613.C1	3.740264328	1.934373863	0.547136621	1.756766562	0.089691693	-0.775842177	-1.976263517	0.000357066	0.005165247
YGL02.9454.C2	7.68945343	1.933982238	1.166532393	1.121967055	-0.147030824	-0.565012338	-1.414869291	3.23E-08	1.43E-05
YGL02_GNYA1SO04IW450	3.730225278	1.932890373	-0.201363863	0.208196543	0.460030921	-0.826082222	-0.678549419	0.005132966	0.034532073
YGL02.6427.C2	3.893871246	1.932763338	0.644495111	1.867856156	-0.229171198	-0.885696499	-1.2620233	0.000141247	0.00269341
YGL02.9152.C1	6.256467472	1.931012097	0.742992246	1.836088805	0.513777486	-0.582112837	-0.926663097	3.25E-06	0.000210462
YGL02_GNYA1SO04I7WJT	4.535553444	1.929000675	-0.305314925	1.836364908	-0.360650544	0.0818445	-1.215208701	0.000770166	0.008912059
YGL02_GNYA1SO04IWPG9	6.812802626	1.927899759	0.154502585	1.07292474	-0.32628205	-0.399251173	-1.7512311	3.01E-08	1.42E-05

YGL02.11741.C1	3.548035929	1.927635993	-0.029468434	0.115486653	-0.123091096	0.050460801	-0.549340907	4.44E-05	0.001205146
YGL02_GNYA1SO04JERLL	6.895141717	1.926854285	0.579657514	1.323459402	0.130040357	-0.425232108	-1.369496779	1.57E-08	1.01E-05
YGL02_GNYA1SO04JOU9C	3.438245204	1.924943791	1.197609524	1.969377388	-0.77527282	-2.01651691	-1.926774779	0.003322329	0.025199691
YGL02_GNYA1SO04IQ60V	4.974409945	1.924818646	0.414882424	1.46848227	-0.201695787	-0.742129049	-1.803184294	8.77E-06	0.000399427
YGL02.18150.C1	3.565962717	1.922731721	0.423060153	0.950480116	0.259188672	-0.991067764	-1.076120481	0.000418667	0.005771611
YGL02_GNYA1SO04ITZ1I	8.711720152	1.922592597	1.50526673	1.195418437	-0.170731917	-0.578176281	-1.151672579	3.25E-07	4.96E-05
YGL02.3868.C1	8.212055305	1.922110426	0.264017776	0.677010067	-0.109731726	-0.258338409	-1.237776802	7.59E-08	2.22E-05
YGL02.11125.C1	6.070311071	1.920792276	0.466249327	0.954830862	0.298760869	-0.485218327	-0.927301344	2.68E-08	1.33E-05
YGL02.12176.C1	6.535728083	1.920220908	0.365872812	0.94147908	0.22048628	-0.634936332	-1.017867874	4.51E-07	6.03E-05
YGL02.12652.C3	5.197829432	1.919419211	-0.159717411	0.987004122	-0.175175423	0.020642253	-0.849800505	2.82E-08	1.37E-05
YGL02_GNYA1SO04IEELP	5.02363416	1.919320574	0.267796476	1.027254041	0.18703338	-0.487658693	-1.210621896	1.17E-05	0.000479098
YGL02.5715.C1	5.526977339	1.918607961	-0.065078068	0.523590764	-0.329868693	-0.638168109	-1.608079764	6.19E-06	0.000317976
YGL02.10619.C1	7.013249762	1.918338561	0.069941328	0.910390759	0.08453889	-0.457426545	-1.786854806	8.06E-08	2.29E-05
YGL02.9760.C1	3.987557848	1.918090258	1.108421274	1.141127743	-0.132088565	-1.07074362	-1.409710738	6.93E-07	7.99E-05
YGL02.6351.C1	3.809439848	1.917972603	0.163345022	0.567877824	-0.95376119	-0.528511748	-1.132525056	0.000172003	0.003088031
YGL02_GNYA1SO04I8AM4	4.529481484	1.917790842	0.48859875	1.102547698	0.356629579	-0.551759747	-1.049771823	0.001505223	0.014337856
YGL02.9462.C1	4.416510169	1.917572923	0.763521317	1.924393528	0.161412975	-0.617796128	-1.59199698	3.58E-05	0.001041588
YGL02.19601.C1	3.539813513	1.917569092	0.52107327	0.626837101	1.861625222	-1.888847443	-1.746297808	0.000813675	0.009268926
YGL02_GNYA1SO04JAJTT	6.646150085	1.916031429	0.482161608	0.932090477	0.306699643	-0.371640929	-1.130774114	1.64E-08	1.03E-05
YGL02_GNYA1SO04IE3C1	5.329169785	1.914953971	0.586433021	0.996309139	-0.320085635	-0.856433155	-1.172995225	1.25E-05	0.000498922
YGL02_GNYA1SO04IWFGW	3.501091288	1.914274224	0.338300762	0.527904639	-0.227520102	-0.471941468	-1.063880801	0.00488689	0.033328501
YGL02_GNYA1SO04IRBP4	8.037538654	1.914254839	0.659639307	0.87929707	0.247094482	-0.416841866	-1.665982642	8.74E-07	9.30E-05
YGL02.15296.C1	3.283942946	1.912004816	-0.157702384	1.074115223	-0.164783275	-0.327908117	-1.116153428	4.01E-05	0.001122889
YGL02_GNYA1SO04H09XF	2.586484443	1.911255842	0.675637576	0.297066489	0.37153949	-1.226044562	-2.095976829	0.000414634	0.005735336
YGL02_GNYA1SO04I7JM4	3.816568521	1.910427014	-0.017131566	1.914440404	0.335095619	0.221618883	-1.757424692	0.000573373	0.007203198
YGL02_GNYA1SO04JP45L	7.605368542	1.909677637	0.6362182	1.211627498	-0.009378617	-0.722659402	-1.399998449	5.32E-08	1.91E-05
YGL02.22748.C1	5.409659964	1.908687014	0.59110069	1.677498071	-0.051351095	-0.50001346	-1.521808981	6.58E-08	2.08E-05
YGL02.974.C1	2.761868755	1.908653219	-0.073353369	0.802024871	0.146264227	-0.575850248	-1.465664102	0.000165963	0.003006321
YGL02_GNYA1SO04IJONI	6.27543484	1.907244306	0.376036916	0.737042199	-0.168631048	-0.482750053	-1.329803897	2.00E-06	0.000155694
YGL02.10779.C1	7.715576633	1.906778026	-0.691653932	0.303550175	0.240179551	-0.281947288	-1.332622551	1.34E-08	9.39E-06
YGL02_GNYA1SO04ID4FV	4.279178926	1.906462751	-0.425807057	0.684841302	-0.577329675	0.073524275	-1.088739581	0.000741296	0.00867174
YGL02.18410.C1	3.300669891	1.90567418	-0.369048661	-0.72483553	0.461463234	-1.92738818	-1.356329768	1.99E-06	0.000155471
YGL02_GNYA1SO04IZPPT	4.479738461	1.905263361	0.530721314	2.203775967	-0.509014004	-0.992804719	-1.705506525	0.000461198	0.006170485
YGL02_GNYA1SO04JLTUK	7.27167598	1.905061901	0.768906906	0.888749404	-0.121233672	-0.448550528	-1.572750953	4.20E-06	0.000248622
YGL02_GNYA1SO04IJADI	4.607152072	1.90420309	-0.058260478	1.260254362	0.359351582	-0.238410073	-1.118474448	1.72E-06	0.00014264
YGL02.1651.C1	3.431481613	1.904164717	0.530640474	0.949656255	-0.436189463	-0.002596184	-1.282715913	3.84E-05	0.001092866
YGL02.20394.C1	2.761653716	1.903878883	0.316078962	0.911719995	0.088761698	-0.742192827	-1.846207794	2.46E-05	0.000799065
YGL02_GNYA1SO04IXMD9	3.134028731	1.903784	-0.269816767	1.061122339	-0.070417043	-0.972354594	-2.028024681	0.000152553	0.002837587
YGL02.14186.C1	6.531078616	1.903676709	0.121861076	0.261108356	0.054423677	0.163751408	-0.201149636	1.32E-06	0.000120023
YGL02.13470.C1	3.048541385	1.903168386	-0.291102429	1.581955591	0.399698378	0.576647231	-1.632191748	7.39E-06	0.00035698
YGL02_GNYA1SO04H5GVQ	7.037769797	1.902157366	0.800996827	0.83695689	0.112670045	-0.424217754	-1.568158788	5.68E-07	6.99E-05
YGL02_GNYA1SO04JPRF7	3.847087047	1.902027984	0.515691747	2.253196229	0.242146765	-0.680866235	-1.256726617	7.39E-05	0.001710462
YGL02.13731.C1	6.829433457	1.901999178	0.58100103	1.123409854	0.138863817	-0.388931225	-1.063758492	3.75E-09	5.56E-06
YGL02.6363.C1	6.230564883	1.901955047	0.009286546	0.668331542	0.230875431	-0.226287939	-1.05693464	6.82E-07	7.91E-05
YGL02.9408.C1	5.205182157	1.901648052	-0.406532958	-0.944196639	-0.304269471	-0.611997575	-0.711215936	5.16E-05	0.001329148
YGL02_GNYA1SO04H0CU5	2.812108966	1.899333324	0.097698522	1.034726379	0.109631296	-0.618908577	-2.153150562	0.000301032	0.004591091
YGL02.5462.C1	6.601107662	1.897897053	0.707938852	0.983897169	-0.333857227	-0.725289471	-1.203822737	4.65E-09	6.11E-06
YGL02.10584.C1	3.885442914	1.897656401	0.33876009	1.121148177	-0.509572503	-0.068636282	-1.001535331	0.000221943	0.003694357
YGL02.12545.C1	7.086338337	1.89744616	0.629296994	1.308672689	-0.305102065	-0.498574434	-1.057234704	1.86E-10	3.18E-06
YGL02.4142.C1	4.544679257	1.897428669	1.234637764	0.330152273	-0.435085667	-1.481723181	-0.425608324	2.00E-05	0.000695162
YGL02.14939.C1	2.888940568	1.89735504	0.136586683	1.292771596	0.138974899	-0.788773776	-1.654510402	1.35E-07	2.92E-05
YGL02_GNYA1SO04IW81H	3.410663375	1.89626459	0.106081036	0.968020862	-0.529523997	-0.179258231	-1.254936197	0.002804419	0.022356942
YGL02_GNYA1SO04JZV9F	3.32379584	1.896044818	0.381292004	0.621018103	-0.076355673	-0.131818282	-1.371270987	0.001891864	0.016866514
YGL02_GNYA1SO04I9YIQ	3.496683133	1.894674286	0.180064595	1.44464055	0.051471205	-0.550548282	-2.390356928	0.002533807	0.020777523
YGL02.1669.C5	3.697576069	1.893558955	-0.064276011	0.378673732	0.538463633	-0.342189571	-1.014951865	2.12E-06	0.000161528
YGL02.16176.C1	3.465450575	1.893421055	0.373712048	0.990500002	0.023004177	-0.14665896	-1.025584316	4.84E-05	0.001276077
YGL02.22452.C1	3.235865791	1.892093339	0.125437522	0.215315591	-0.16998287	-1.06853827	-0.810977752	0.000127778	0.00250939
YGL02_GNYA1SO04I2QQ8	5.611690395	1.891789289	0.132274022	1.000664685	-0.080984295	-0.21628811	-0.845651666	1.13E-05	0.000470117
YGL02.6712.C1	4.709166909	1.890020297	1.243963131	1.295419868	0.507767467	-0.795155333	-1.224538047	3.60E-09	5.56E-06
YGL02_GNYA1SO04IFJC5	6.020117382	1.889160674	0.174550709	0.549353164	0.346125315	0.556067	-0.497608104	0.0019424	0.017202613
YGL02_GNYA1SO04IIOXU	4.026856618	1.889103604	1.026531179	1.544325008	-0.116849427	-1.073992511	-1.707317353	0.000198805	0.003416772
YGL02_GNYA1SO04JUG2F	2.883658002	1.888228482	0.55463092	1.396234655	-0.074613197	-0.605932001	-1.400674571	5.57E-05	0.001402603
YGL02.2840.C2	5.938630547	1.884586978	0.643970221	1.160964239	-0.124774998	-0.725507016	-1.178484854	7.43E-07	8.33E-05
YGL02.12295.C1	6.099901131	1.883231455	0.675553297	0.981570139	-0.396190064	-0.592655206	-0.849832835	2.41E-08	1.25E-05
YGL02.17432.C1	2.967683749	1.883042001	0.340076364	-0.004064108	-0.016515018	0.020082978	-0.762480617	0.0003758	0.005353349
YGL02.6325.C1	5.228621876	1.882315368	0.056831946	0.686383287	0.095038028	-0.568325896	-1.613238442	1.43E-06	0.000126727
YGL02.20864.C1	6.317244457	1.881707237	0.492845111	1.061265127	0.194375638	-0.528146147	-1.279507319	9.78E-10	3.26E-06
YGL02.3788.C1	2.94828982	1.881317665	0.647081701	1.232464852	0.292419903	-0.844036316	-0.81147683	5.73E-06	0.000303467
YGL02_GNYA1SO04JZGSG	3.530427537	1.880729149	0.05307217	0.694170466	-0.097829512	-1.735948645	-1.37999149	0.000358436	0.005181013
YGL02.17705.C1	4.81797906	1.88022112	-0.51397093	1.035116606	0.324618424	-0.795523987	-1.684996833	0.000376824	0.005360988
YGL02.6917.C1	5.050277741	1.880072142	0.569614472	1.378051153	-0.429973117	-0.767262262	-1.285488372	9.97E-05	0.002120726
YGL02_GNYA1SO04H2ZRO	4.476809716	1.879810468	0.134876707	0.461657182	0.302263647	-0.432542629	-0.936414365	7.80E-05	0.001782549
YGL02_GNYA1SO04H7GPV	5.430418991	1.87870865	-0.502488143	-0.285997851	0.343089294	-0.079698301	-1.288573026	2.47E-07	4.15E-05
YGL02_GNYA1SO04ICWP6	5.628350332	1.878301939	-0.872483781	1.200615527	0.192958989	-0.070672655	-1.660509994	6.49E-07	7.65E-05
YGL02_GNYA1SO04INKIP	4.157238993	1.877610065	1.01215002	0.914023298	-0.218849565	-1.023338945	-1.018039661	0.000716541	0.008457795
YGL02_GNYA1SO04ID4CG	5.500797375	1.877490053	0.633869758	1.076446082	0.066257611	-0.57765187	-1.625195341	3.63E-06	0.000226758
YGL02_GNYA1SO04I3LAV	3.863872075	1.876726862	1.28318653	1.579975597	-0.009734282	-1.089978226	-1.436142341	0.000910566	0.010037988
YGL02_GNYA1SO04H6CPY	8.145878578	1.876432575	0.777219278	0.843439088	0.223238645	-0.504855347	-1.526738973	1.27E-07	2.86E-05
YGL02_GNYA1SO04JBWN3	4.417646686	1.873878565	-0.589698333	-0.143056198	-0.264626663	0.221694425	-0.297802146	8.26E-05	0.001857003
YGL02.6955.C2	5.46384658	1.873252034	0.490724012	0.936084301	-0.228537919	-0.693239846	-1.394992211	1.27E-06	0.000117259
YGL02_GNYA1SO04I4963	3.224235116	1.871347625	0.675399278	1.037646865	-0.294005686	-0.796384812	-0.722116949	0.002927566	0.023035202
YGL02.9812.C1	4.861355761	1.871047307	-0.314007379	-0.350465846	-0.049223124	-0.267853991	-0.189007599	3.51E-05	0.001026471
YGL02.1809.C1	4.489518193	1.870386544	-0.021922716	1.667631561	-0.029468805	-0.686838828	-1.373173177	0.001817231	0.016412846
YGL02_GNYA1SO04JZ83H	7.82862208	1.869711952	-0.028992297	0.34652061	0.123463538	-0.381504967	-1.360165018	5.73E-08	1.98E-05
YGL02.10055.C1	3.197647044	1.868813116	-0.042588586	-0.135712327	-0.275231002	-0.435271956	-0.095880941	5.69E-08	1.98E-05
YGL02_GNYA1SO04H9KGJ	5.912538841	1.868653425	0.474109377	1.244379471	0.003255071	-0.871972263	-1.682262567	1.09E-07	2.65E-05
YGL02_GNYA1SO04INZEP	4.038562424	1.868534538	-0.282463581	0.67017664	-0.305020397	0.326741134	-0.862428528	0.000646784	0.007856406
YGL02_GNYA1SO04I5JOL	5.68776785	1.86839869	0.387696381	0.617150587	0.174634634	-0.664415683	-1.007199259	2.12E-05	0.000722855
YGL02.6521.C1	4.159693856	1.868249003	-0.3199443	0.426724134	0.595667516	0.099608359	-0.477281953	1.98E-06	0.000155022
YGL02_GNYA1SO04H3AKS	4.54604166	1.868195464	0.604599455	1.814286341	-0.346602052	-0.337182603	-1.484537102	1.97E-06	0.000154695

YGL02_GNYA1SO04JQE1T	4.815243702	1.866938134	0.133337231	1.838485712	-0.672969033	-0.515061361	-1.793304646	0.002990661	0.023371192
YGL02.2316.C1	5.434401733	1.866856725	0.924663109	1.475705953	-0.075793465	-0.499417922	-1.587102689	4.30E-06	0.000251661
YGL02.8832.C1	4.847267733	1.866775776	-0.834932037	0.274906349	0.181831	0.14957149	-0.969486947	0.000184524	0.003237875
YGL02_GNYA1SO04H8PMQ	3.355964173	1.866739778	-0.185357664	1.124884402	0.260213221	-0.018715002	-2.749846148	0.000479978	0.006343756
YGL02.16241.C1	2.776728521	1.866651595	-0.148411045	0.311163007	0.218386751	-0.697190025	-1.915203804	2.47E-06	0.000177036
YGL02.4414.C1	4.39308491	1.86649856	0.363591946	1.073231778	-0.158096623	-0.131506117	-1.674899405	6.96E-05	0.001640842
YGL02_GNYA1SO04IH7DV	3.435538743	1.866349356	0.069854412	0.726840902	0.412620794	-1.111834723	-1.050549274	0.001289236	0.012823216
YGL02_GNYA1SO04IH2YT	5.346898247	1.866133681	0.936247975	1.773496258	-0.033774212	-0.788004998	-1.853103928	4.09E-05	0.001138688
YGL02_GNYA1SO04I7T97	5.975583709	1.865777696	0.214403537	0.534627598	-0.081275073	-0.667206794	-1.646882654	5.41E-07	6.78E-05
YGL02.15420.C1	4.149145316	1.865478568	2.734403078	3.100428391	-0.075249152	-1.911192129	-1.95894189	0.000398911	0.005582817
YGL02.17965.C1	3.071562553	1.865216836	0.642690499	0.544616852	-0.197795484	0.022187446	-0.555643019	6.59E-05	0.001575283
YGL02.18730.C1	7.55040406	1.862312605	0.725050791	1.584859078	-0.00728637	-0.805801998	-1.639186634	3.08E-09	5.11E-06
YGL02.22083.C1	3.783655419	1.862244366	0.406913579	0.412364808	-0.754525582	-0.930650307	-1.27593077	0.000738402	0.008646174
YGL02.18882.C2	4.084619629	1.862015413	0.047926991	1.489884688	-0.375520797	-0.21059299	-1.945627722	5.51E-06	0.000295422
YGL02_GNYA1SO04IB776	4.551062715	1.860100803	-0.05696867	0.63139186	-0.142377324	0.532721846	-0.38769089	0.000151196	0.002824101
YGL02_GNYA1SO04IROJL	2.556545224	1.859860913	0.619356414	1.302722701	0.831873414	-1.082514222	-1.20713715	0.001811561	0.016373064
YGL02.2762.C1	6.738063552	1.858098286	-0.333001211	0.223196612	-0.031095243	0.067141577	-0.381983573	9.06E-07	9.47E-05
YGL02.7411.C1	6.402078008	1.856679303	0.580307283	0.755756903	0.094992539	-0.607803017	-0.625170305	9.33E-09	7.60E-06
YGL02.2175.C1	5.732668214	1.85601048	1.290930799	2.084356164	0.32316362	-0.631624532	-1.485939414	1.16E-06	0.000111597
YGL02.11158.C1	4.990171913	1.855633462	0.090516018	0.440169647	0.078307166	-0.166787895	-0.63923968	1.08E-07	2.65E-05
YGL02.6125.C1	4.362616559	1.855399708	0.280460273	1.012361976	-0.248696666	-0.859101803	-1.630916589	4.95E-07	6.45E-05
YGL02_GNYA1SO04JAYQ8	3.116965849	1.854186647	1.065838386	0.980394362	-0.478892894	-1.002833949	-1.032525996	0.000413666	0.005726224
YGL02_GNYA1SO04ILBDY	4.641214138	1.854156109	0.292703681	0.651850883	0.041290967	-0.361651732	-0.979349008	0.000960639	0.01042667
YGL02_GNYA1SO04JP3VR	3.343944856	1.854114558	0.241420623	0.874022263	0.432414799	-0.125079981	-1.875194963	0.000103769	0.002176565
YGL02_GNYA1SO04JS74A	4.533028361	1.853930333	0.429159612	0.62096652	-0.094639379	-0.771577965	-0.988053796	0.00507299	0.034254055
YGL02.17343.C1	5.639900538	1.85373522	0.293241737	0.450433262	-0.056613979	-0.35395457	-0.314035083	1.63E-07	3.26E-05
YGL02.16582.C1	5.63482968	1.853591161	0.072606624	1.356518386	-0.34937476	-0.359250974	-1.337852304	0.00013804	0.002649853
YGL02_GNYA1SO04H9BUW	6.706059381	1.853536031	0.691483952	0.660252993	-0.307778215	-0.30864587	-1.403085223	3.20E-08	1.43E-05
YGL02_GNYA1SO04JX8QY	3.258353856	1.851373406	0.379194825	1.20935962	-0.31467756	-0.693793253	-2.322198682	0.001000029	0.010708808
YGL02_GNYA1SO04IMOJ4	4.95669854	1.850987323	0.611046229	1.931972648	-0.111966797	-0.918624178	-1.898959023	6.40E-08	2.06E-05
YGL02.15516.C1	7.251755454	1.850959367	0.544679087	1.124679642	-0.176341269	-0.563458963	-1.300731481	1.43E-07	3.03E-05
YGL02.5744.C1	3.998877367	1.849994831	0.462648886	0.888067466	0.223191235	-0.243432961	-0.991573301	1.52E-06	0.000131295
YGL02_GNYA1SO04ITC5F	3.932203944	1.848483897	0.960425054	1.440621698	0.024275144	-1.269265163	-1.843884304	0.001640967	0.015252769
YGL02_GNYA1SO04JAQZT	3.637985102	1.848174049	0.452604107	1.16107215	0.128628597	-0.487693182	-0.923628319	0.001271955	0.012693851
YGL02_GNYA1SO04INLEU	7.031173563	1.848015376	1.716339258	-1.152536294	-0.10160488	-0.245013928	-1.198174042	0.000579002	0.007252805
YGL02.10894.C1	3.924064457	1.84777509	1.159458249	0.938989955	0.468196758	-1.140962023	-1.361249557	3.65E-05	0.001056708
YGL02.21881.C1	6.021503934	1.847603407	0.028325122	0.48295064	0.028603645	-0.405341639	-1.441930977	5.47E-08	1.95E-05
YGL02_GNYA1SO04JJ8AY	3.977848272	1.847239909	-0.015784343	1.429833087	-0.268776629	0.282232819	-1.966672715	6.60E-05	0.001577434
YGL02_GNYA1SO04IOKEP	4.534294373	1.846959313	1.237600918	1.329889279	-0.623390153	-0.939016621	-1.527783011	0.000337903	0.0049719
YGL02.17823.C1	5.805852464	1.8461241	0.165466135	1.014477547	-0.032559386	-0.246477495	-1.048742623	6.72E-08	2.08E-05
YGL02_GNYA1SO04JW2WF	7.149841907	1.845412985	-0.384442323	0.360735204	0.307796705	-0.550419082	-1.252329714	3.99E-08	1.58E-05
YGL02.16768.C1	5.25786714	1.844899913	-0.015472866	0.057386702	0.036260594	-0.130311058	-0.240656477	1.64E-05	0.000603109
YGL02.12877.C1	4.929713579	1.844514386	0.247634611	0.385833229	0.136639158	-0.193947276	-0.83196085	7.34E-05	0.001704242
YGL02_GNYA1SO04H7XY8	7.484604565	1.844425945	-0.09293381	0.13115671	0.646837178	-0.273179462	-0.573935249	3.40E-08	1.46E-05
YGL02_GNYA1SO04JELX0	3.843605137	1.842313299	0.539476743	0.342135031	-0.112892017	-0.985684019	-0.361153438	0.000173726	0.003108629
YGL02_GNYA1SO04JWUAA	4.032250736	1.842262276	1.319688823	1.199668493	-0.060590654	-1.325814902	-1.754735196	2.31E-05	0.000766713
YGL02_GNYA1SO04IZC8A	3.218491224	1.841923523	1.102744455	1.66164292	-0.021836759	-1.299415871	-1.523012155	0.002048673	0.017834008
YGL02.19007.C1	3.726632625	1.841851668	-0.208581185	-0.015975438	0.264611602	0.118114191	-0.349037522	0.00089372	0.009903854
YGL02.3689.C1	4.899219658	1.840737792	-0.397719992	0.150714537	-0.001141303	0.372094522	-0.435458028	3.07E-06	0.000202499
YGL02.16451.C1	3.822988287	1.840437756	1.51640565	1.340601839	0.100931829	-1.583774425	-1.366641095	1.91E-06	0.000151721
YGL02.15177.C1	5.668270008	1.839769317	0.45933226	0.762154276	-0.121644739	-0.547913775	-1.196641196	2.64E-05	0.000840403
YGL02_GNYA1SO04JRQ95	5.206649311	1.839611795	0.352735537	0.753598639	-0.584536051	-0.513756305	-0.954863587	0.000103095	0.002166593
YGL02.10179.C1	4.544950354	1.839357447	-1.315068952	0.378578418	0.029732433	0.5752651	-0.821927526	0.000280177	0.004362959
YGL02.3850.C2	5.579207901	1.838076007	0.009596352	0.383831679	0.211517829	-0.234206486	-0.93668957	4.59E-05	0.001232847
YGL02_GNYA1SO04JCUTV	3.654484749	1.837590861	0.832762907	0.640300139	-0.500513256	-1.347108824	-1.288855631	0.00011568	0.00234287
YGL02.9418.C1	4.761921786	1.835938435	0.535533773	1.721508765	-0.214295284	-0.357087454	-1.375701187	3.24E-08	1.43E-05
YGL02_GNYA1SO04JCUBM	3.412063904	1.835678543	1.554792257	2.217719018	0.155516129	-0.936029443	-1.422020388	1.55E-07	3.15E-05
YGL02.11901.C2	3.754348159	1.835331751	0.878737401	1.591643762	-0.811679124	-0.952874478	-1.276728694	0.000311009	0.004698989
YGL02_GNYA1SO04I1WPD	3.632443869	1.835142448	0.067518548	0.871281399	-0.082253037	-0.275881782	-1.123520688	0.005104669	0.03438994
YGL02.12670.C1	4.436685987	1.834340323	0.506033554	1.134906504	-0.097398568	-0.971240985	-1.200149604	2.25E-06	0.00016663
YGL02_GNYA1SO04IE1KO	2.90311636	1.832480439	0.207003974	0.268119855	-0.0079583	-1.928944566	-1.586846797	6.77E-07	7.86E-05
YGL02_GNYA1SO04IN9JT	4.451290564	1.831394495	0.881188032	0.701931111	0.049685387	-1.148550422	-1.207909524	0.003240916	0.024762021
YGL02_GNYA1SO04H1XUY	3.466600187	1.830953781	0.985712651	-0.047713086	0.546343256	-0.778680355	-0.326008772	1.22E-06	0.000114783
YGL02.21426.C1	3.703056273	1.830925811	-0.146744364	0.202863276	-0.051921584	0.105096768	-0.603082027	0.000557157	0.007058365
YGL02.9515.C1	2.496893205	1.829894115	0.821330623	1.036780433	0.521843905	-0.554739957	-0.526972512	5.11E-05	0.001319818
YGL02.12225.C1	3.148005352	1.829419583	1.548377228	-0.475341533	0.549837047	-0.879635184	-1.918859598	1.61E-05	0.000596104
YGL02_GNYA1SO04H3CE7	7.251756386	1.82930274	0.019402519	0.543788391	0.189665284	-0.210928925	-0.830641907	8.60E-07	9.22E-05
YGL02_GNYA1SO04JBN31	2.906291562	1.828759329	0.941354626	0.137245876	0.282495828	-2.723767345	-0.878147071	0.007216265	0.04412137
YGL02.1411.C13	3.807301249	1.828667954	1.0680679	0.443137718	0.244227274	-1.229995898	-0.690064456	5.48E-05	0.001387863
YGL02.19207.C1	7.935325534	1.828537703	0.645410244	1.690557662	-0.154686851	-0.60241699	-1.64880599	1.12E-08	8.44E-06
YGL02.15541.C1	5.043833699	1.827025426	0.36635832	0.530531531	-0.113287141	-0.552747395	-0.417822434	2.18E-08	1.19E-05
YGL02.634.C1	6.600993732	1.826868009	0.14992775	0.637319934	0.165003142	-0.457711853	-1.116044574	2.83E-10	3.18E-06
YGL02_GNYA1SO04I88F0	5.716248354	1.826058763	0.462250172	0.863280504	-0.012017231	-0.418332012	-1.36260423	5.48E-07	6.83E-05
YGL02.11849.C1	4.714715005	1.82516513	0.071733891	0.76446657	-0.236797218	-0.235086738	-1.095653133	1.60E-06	0.000135675
YGL02_GNYA1SO04H8OYJ	5.074603279	1.825060276	0.452726682	1.21122965	-0.091517315	-0.664360665	-1.373230927	5.51E-05	0.001393222
YGL02.6106.C1	5.985758141	1.82502111	0.06776194	0.568207492	0.245915219	-0.318096183	-0.744500904	4.50E-07	6.03E-05
YGL02.9924.C1	6.368894533	1.824018452	0.779649642	1.769244786	0.117412848	-0.472329128	-1.653325109	7.14E-08	2.12E-05
YGL02.13512.C1	5.292707413	1.823456272	0.429586801	0.830205217	-0.045326226	-0.243492716	-0.609685096	1.17E-05	0.000479098
YGL02_GNYA1SO04JMXZL	5.565071947	1.822702649	-0.327175317	0.077474228	-0.063148186	0.070080997	-1.797344287	0.000450291	0.006065928
YGL02_GNYA1SO04IJL58	3.787548894	1.822639646	0.616237006	0.940654683	3.96E-05	-0.994124841	-1.256571537	0.000110278	0.002272555
YGL02_GNYA1SO04IJOVK	3.079366958	1.820891704	0.248587947	0.100969703	-0.217126094	0.32016617	-0.260510373	7.61E-07	8.46E-05
YGL02_GNYA1SO04I4P4G	7.501593481	1.820266389	-0.721582898	0.375305398	0.336822165	-0.148350738	-1.34576928	1.84E-07	3.50E-05
YGL02.2987.C1	3.583511591	1.819973552	0.283983867	0.033918359	-0.566224384	-0.770545299	-1.277623704	0.002548026	0.020858743
YGL02.19391.C1	4.437815441	1.819872586	0.699155646	1.161706551	-0.304732004	-0.527584301	-0.976919212	8.35E-06	0.000387468
YGL02.4401.C1	5.770567994	1.818789185	0.127625878	0.399331758	-0.274985063	-0.689906938	-0.929112768	8.46E-06	0.000390891
YGL02.22655.C1	5.335575252	1.817649082	0.78013472	0.572008725	0.081915129	-0.712331047	-1.424418672	1.60E-05	0.00059288
YGL02_GNYA1SO04IUBDX	4.765348094	1.817528219	0.086707457	-0.078377799	-0.341911693	-0.696835366	0.156455001	0.000176158	0.003136297
YGL02.6442.C1	6.317595291	1.817262454	0.156145709	0.916717283	-0.116798558	-0.421472916	-0.984332855	8.76E-09	7.46E-06
YGL02.3849.C1	5.207122554	1.817041662	0.455346899	0.954938926	0.059787251	-0.382035048	-0.837378181	2.47E-09	4.44E-06
YGL02_GNYA1SO04ICM60	7.678284558	1.8165721	0.00066271	0.300270783	0.519109725	-0.309742864	-0.648071054	8.46E-09	7.34E-06

YGL02_GNYA1SO04IMV0N	3.828300298	1.815224984	1.141474876	0.178732517	-0.18369435	-0.869068935	0.288871439	0.000584269	0.007295925
YGL02.6511.C1	2.915259121	1.81262215	0.368807425	0.089601832	-0.034886316	-0.932212657	-0.848464675	4.77E-06	0.000269205
YGL02_GNYA1SO04IFR0S	3.944238176	1.812165239	0.861572307	1.473413839	-0.119712252	-1.149212661	-1.773953426	0.000406348	0.005653333
YGL02_GNYA1SO04IH2S6	3.395528416	1.812077822	1.233833787	1.391231609	0.689516607	-1.356787471	-1.657070081	0.002973601	0.023270177
YGL02_GNYA1SO04JFCHZ	3.555764282	1.811771694	-0.465186468	1.632173862	-0.132025287	-0.312075112	-2.339934679	3.10E-05	0.000940853
YGL02_GNYA1SO04JJ497	6.891761352	1.811301227	-0.120196469	0.439418223	0.338608065	-0.135192229	-0.802110164	8.84E-06	0.000401363
YGL02_GNYA1SO04ICLE0	3.228118881	1.810679642	-0.015886553	0.629929719	-0.155315007	-0.262427722	-0.88532618	0.000636114	0.007761737
YGL02_GNYA1SO04ITQZA	3.964370077	1.810367481	0.896028436	1.519678433	0.110762049	-0.778685294	-1.568552133	1.56E-06	0.000133757
YGL02_GNYA1SO04IAXG6	7.687597057	1.809333271	-0.982624305	0.140363364	0.360554807	-0.028539671	-1.241374943	1.18E-07	2.76E-05
YGL02_GNYA1SO04H4QO5	3.007619666	1.80917967	-0.110659844	1.274553689	-0.108544008	0.84963637	-1.200516415	0.000150625	0.002818314
YGL02_GNYA1SO04I6YJ0	4.191004276	1.808303036	0.954005561	1.924989999	-0.135355188	-0.600102612	-1.630966311	8.48E-05	0.001890429
YGL02_GNYA1SO04H8H3G	5.018362229	1.808293465	0.509600714	1.364849071	-0.291096938	-0.617300118	-1.194728731	0.000391839	0.005513672
YGL02.5827.C1	4.249673463	1.808022926	0.601112252	1.56921596	0.167123552	-1.117165572	-1.785335835	1.11E-05	0.000465263
YGL02.13015.C1	4.353380567	1.807954352	0.264934857	1.279141954	0.43795825	-0.386009088	-1.777907154	7.53E-08	2.21E-05
YGL02.1731.C1	5.333321857	1.807527967	0.669059724	0.268899387	0.208340899	-1.113776646	-0.912484873	3.25E-05	0.000973836
YGL02_GNYA1SO04JGMZ9	3.244089446	1.807434361	-0.281136423	-0.354716891	-0.099140463	-0.441133995	-1.580954895	0.000768201	0.008899651
YGL02.7763.C1	7.673126048	1.807208615	-0.090845084	0.432143416	0.473769285	-0.359438446	-1.360580041	1.34E-07	2.92E-05
YGL02.1156.C3	6.480940704	1.806344933	1.216053543	2.151184669	0.272650347	-0.632464672	-1.701367062	1.48E-08	9.82E-06
YGL02.20502.C1	5.337370232	1.806200094	1.090645068	2.620727902	-0.28062406	-0.782085141	-2.223937087	1.90E-06	0.000150913
YGL02.13687.C1	6.365728407	1.805943286	1.442885678	0.977627083	0.027382922	-0.631484047	-0.924192882	3.34E-08	1.46E-05
YGL02_GNYA1SO04ITVBG	3.339913498	1.805913409	-0.04692689	0.085017056	0.00540195	-1.370577376	-1.348313337	0.001669155	0.015431711
YGL02_GNYA1SO04I2S7R	4.164667729	1.805881875	0.344928019	1.268820241	-0.625394383	0.408313825	-1.137801908	0.00183788	0.016541666
YGL02_GNYA1SO04IWVJR	3.238262653	1.805879469	0.712711662	1.672646683	-0.057091389	-0.571144121	-1.766658492	0.001765401	0.016070413
YGL02_GNYA1SO04H41YR	4.240787126	1.804914337	1.092299474	1.509876591	0.251679793	-1.141544162	-2.064386068	6.42E-06	0.000325821
YGL02_GNYA1SO04JB7Y7	4.315145425	1.80469674	1.032949331	0.102154917	-0.0824867	-1.148337539	-0.674597447	0.000201283	0.003447381
YGL02_GNYA1SO04JMOOQ	5.614845025	1.802641167	-0.766378995	0.999136695	-0.303288265	0.184463314	-1.144080522	0.002384991	0.019897641
YGL02.3478.C2	4.445234938	1.802551792	0.75076705	0.949603654	-0.214501883	-0.727443881	-1.127989829	1.06E-06	0.000104614
YGL02_GNYA1SO04H6G4M	2.787410732	1.802478232	0.322692287	0.48530505	0.224975205	-1.260177084	-1.399707771	0.000172038	0.00308823
YGL02_GNYA1SO04JK9ZN	6.689888407	1.801774815	0.306116545	0.957604559	0.313567599	-0.484364508	-1.022168634	1.02E-06	0.000102317
YGL02_GNYA1SO04IO0R4	4.264518873	1.801603472	0.100125359	2.158237589	0.620034655	-0.450835018	-1.618625182	2.33E-06	0.000170845
YGL02.3553.C1	3.314672075	1.801481329	-0.364637622	-0.00777866	0.111578693	0.136766221	-0.258018291	0.000372914	0.00532666
YGL02_GNYA1SO04JZHAI	5.566684955	1.801067767	0.278852977	0.913231737	-0.183082425	-0.121958129	-0.208612833	2.33E-07	4.03E-05
YGL02_GNYA1SO04JAKFH	5.868552827	1.8001748	-0.565999421	-0.606143995	-0.061204918	-0.173423171	-0.33208386	1.81E-05	0.000646384
YGL02_GNYA1SO04JUIZ1	6.087168647	1.799154788	0.506903138	1.206849943	0.057019515	-0.914210333	-2.25422598	8.76E-08	2.40E-05
YGL02.14740.C1	3.616664586	1.798347997	0.986932689	1.293022536	0.124852584	-0.678907574	-1.432347112	2.61E-07	4.29E-05
YGL02_GNYA1SO04JORV0	5.802647827	1.797723188	-0.044928139	0.627332472	-0.08222525	-0.479795293	-1.083649431	2.01E-07	3.67E-05
YGL02_GNYA1SO04JZ4B7	3.273621816	1.797477653	0.125390472	1.23090307	-0.148236993	0.08839035	-0.884430936	0.005822763	0.037840368
YGL02_GNYA1SO04H926I	3.593621741	1.797081704	0.11108807	1.295679915	-0.370598344	0.20258448	-1.075740584	6.12E-05	0.001494913
YGL02.7908.C2	4.737487445	1.797000965	0.313763003	0.674005022	-0.26707325	-0.862414187	-0.940341755	0.000223489	0.003711861
YGL02_GNYA1SO04I88L4	4.359458607	1.796620347	0.174526179	0.010001611	0.002138155	-0.476114226	-0.596253874	0.000142575	0.002713573
YGL02.15059.C1	5.694535535	1.795922429	0.506924977	1.281663036	-0.169400523	-0.430843104	-1.313293689	4.52E-09	6.10E-06
YGL02.5861.C1	5.810686877	1.794852571	0.111550312	0.835431864	0.102388792	-0.023679678	-0.89094188	6.66E-07	7.80E-05
YGL02.9088.C1	3.63373398	1.794606649	0.716570386	1.599679362	-0.158249454	-0.518542184	-1.424873049	0.001382043	0.013477031
YGL02.329.C75	5.803663646	1.794296457	0.035684048	-0.219777371	0.036022832	-0.458082645	-0.841061671	1.88E-06	0.000150837
YGL02.8048.C1	2.975786163	1.793899402	1.502076519	1.597962763	-0.026335888	-1.07265854	-1.76800895	3.24E-07	4.96E-05
YGL02_GNYA1SO04I044E	5.27714376	1.792808247	-0.817365323	0.144921073	0.639448676	-0.7112016	-1.259151038	0.002274878	0.019235047
YGL02.11939.C1	5.720623798	1.792164606	0.237663589	0.071332698	-0.127584953	-0.012252676	-0.421952764	6.41E-08	2.06E-05
YGL02_GNYA1SO04JIZ1T	4.957308213	1.790522628	0.689358441	1.185408848	-0.329693131	-0.807209789	-1.278374685	0.000177224	0.003147309
YGL02.5971.C1	4.150931728	1.788752127	1.111808604	1.41338347	-0.930082511	-0.910018429	-2.210791924	0.000116785	0.002358986
YGL02_GNYA1SO04IQZBL	3.647950226	1.78842563	0.076043931	0.164248798	0.68687704	-0.316160364	-0.171762558	0.000299831	0.004577094
YGL02.2860.C1	5.740194117	1.78808779	0.950151291	2.066867953	0.32750147	-0.811230465	-1.902729374	9.13E-08	2.45E-05
YGL02_GNYA1SO04JDRVF	4.41119402	1.786168223	0.683501044	1.409275757	-0.794047212	-1.088748221	-1.754436382	0.000972712	0.010506639
YGL02.13268.C1	5.489138927	1.785271498	0.001692045	0.793376685	0.017754765	-0.070130884	-0.850764312	5.10E-07	6.52E-05
YGL02_GNYA1SO04JA607	6.746259764	1.785059591	0.073432383	0.452181558	0.116576423	-0.448046962	-0.516046393	5.04E-09	6.22E-06
YGL02_GNYA1SO04ILUU5	4.237875705	1.784554701	1.273962069	1.226076317	-0.290440235	-0.841853923	-1.019382906	1.23E-05	0.000493132
YGL02.8467.C2	4.636612663	1.781585987	0.93233274	1.051050194	0.252725792	-0.847481113	-1.343687884	2.65E-06	0.000185534
YGL02.19718.C1	5.006198397	1.780744751	0.543672568	0.204346595	-0.256483108	-0.681325527	-0.61994084	2.62E-07	4.30E-05
YGL02.3868.C3	8.772520161	1.780604582	0.077014109	0.771438269	-0.157149782	-0.317844842	-1.375498038	1.35E-07	2.92E-05
YGL02.18029.C1	4.468263296	1.779809684	-0.083574326	0.279415182	-0.182831777	-0.552947288	-1.338433561	0.00154067	0.014589648
YGL02_GNYA1SO04H3K6J	3.569542479	1.779537031	-0.67992315	1.123960518	-0.145471558	-1.486758466	-2.335315381	0.000212704	0.003582034
YGL02_GNYA1SO04JXFQ5	5.074111909	1.779536042	0.267728808	0.719724854	0.137353207	-0.580267476	-0.936714437	3.84E-08	1.54E-05
YGL02_GNYA1SO04I0G74	2.904341026	1.779479794	0.287860722	0.631607869	0.015561373	-0.228104866	-1.349049202	0.00038654	0.005460461
YGL02_GNYA1SO04JO53Y	5.753103192	1.779308424	-0.475956645	0.631644079	0.082136107	0.062718161	-0.39820206	0.001921704	0.017070687
YGL02.10230.C1	3.420008492	1.778721803	0.866052618	1.293763229	0.373425735	-0.93613237	-0.776858313	0.003655424	0.026968007
YGL02_GNYA1SO04IXSUU	4.830223032	1.778712219	0.668481107	0.911951053	-0.172296218	-0.826586711	-0.527050152	1.61E-06	0.000135749
YGL02.16930.C1	3.153388198	1.777716934	1.103963581	0.095098573	-0.117607448	-1.148790374	-0.871980279	0.001067104	0.011215739
YGL02_GNYA1SO04H17QN	4.186171894	1.775539849	-0.131418603	1.374381423	0.157831238	0.133379241	-1.076760843	0.000146231	0.002760031
YGL02_GNYA1SO04IO2OL	3.607127959	1.774420813	0.583552765	1.250530069	0.468586042	-1.064270783	-1.733098018	0.001725123	0.015808747
YGL02_GNYA1SO04JC013	4.648869232	1.774369056	0.288522744	1.081971842	0.091684935	0.063946242	-0.169456472	7.66E-05	0.001756871
YGL02_GNYA1SO04IP92R	3.187322897	1.774367612	0.106252718	0.668655863	-0.518305408	-0.694237086	-2.202330395	1.61E-05	0.000596809
YGL02.9964.C1	3.324799821	1.773171381	-0.556157057	1.026227173	0.0365027	-0.224896047	-1.660480417	5.90E-06	0.00030883
YGL02_GNYA1SO04IEQ5E	3.408085551	1.772968317	-0.421315859	0.278099207	-0.053013089	-1.594742216	-2.447823082	0.001754075	0.016007669
YGL02.15275.C1	7.297565814	1.772019955	0.097394752	0.11238149	0.172507126	-0.269868018	-1.689141105	4.71E-06	0.000266499
YGL02.11886.C1	5.520244171	1.77035096	0.481434752	1.307573403	-0.044663583	-0.548307867	-1.607228322	1.14E-06	0.00011051
YGL02.20492.C1	6.870079529	1.76972678	0.2270558	0.927265062	-0.059174404	-0.390878697	-1.161713515	2.21E-09	4.14E-06
YGL02_GNYA1SO04I73DV	2.935660289	1.768952341	0.778279911	1.101457607	-0.013811682	-1.166740529	-2.401867405	0.002565602	0.020949606
YGL02.10500.C1	7.018552842	1.767965962	0.551495122	0.98591376	0.06454255	-0.688438658	-0.572399978	2.98E-08	1.41E-05
YGL02_GNYA1SO04ISV8X	5.010679179	1.76773739	0.853671368	1.739096055	-0.489018033	-0.69751072	-1.471024756	0.000231072	0.003795929
YGL02.3628.C1	5.964320824	1.767501283	0.421597788	1.895344871	-0.363890198	-0.461614589	-1.687124575	1.96E-06	0.000153833
YGL02.4480.C2	6.596396312	1.766296609	0.975028172	1.593190722	0.121166001	-0.826166408	-1.430238544	7.71E-08	2.22E-05
YGL02.18566.C1	3.842758569	1.766182749	0.157364969	0.042010533	0.252450973	-0.23754902	-0.93969422	4.74E-05	0.001258275
YGL02_GNYA1SO04I6GVX	4.79180819	1.765166932	1.43103399	2.097635577	-0.195032167	-1.466701762	-1.771944411	6.70E-06	0.000335391
YGL02_GNYA1SO04IOTY6	5.956195699	1.764989448	0.264797625	0.924100774	0.33814388	-0.287953797	-1.476426961	1.90E-06	0.000150913
YGL02.15032.C1	4.769431834	1.764044951	0.702516694	2.321537216	0.330228825	-0.093272468	-1.829636573	5.53E-05	0.001396495
YGL02_GNYA1SO04IZPO1	7.969286526	1.762701113	0.064903821	0.691321112	0.1419089	-0.544634932	-1.109137288	1.11E-07	2.69E-05
YGL02.5131.C2	6.83804984	1.762380815	-0.013888403	0.721455741	-0.074091801	-0.463822988	-1.211810707	1.05E-09	3.26E-06
YGL02.4008.C1	5.007300233	1.761923289	0.775863829	1.212007849	-0.003211002	-1.043404907	-1.376909537	1.97E-05	0.000685159
YGL02.5131.C3	5.827965543	1.761782975	-0.316100197	0.811479407	-0.349368956	-0.298158028	-1.060393956	3.38E-07	5.06E-05
YGL02_GNYA1SO04IJUD2	3.911556041	1.761010677	-0.762517658	1.648373781	-0.236991798	0.118388077	-2.735272146	3.16E-05	0.000955233
YGL02.16826.C1	3.976127313	1.760838757	0.3075785	1.181375778	-0.144392975	-0.699367285	-1.396019573	6.53E-06	0.00032997

YGL02.2047.C1	7.993568168	1.760214662	-0.134051708	0.836418517	-0.184419	0.169258047	-0.153672968	6.48E-08	2.07E-05
YGL02_GNYA1SO04I052Q	4.635947928	1.759059174	0.589863457	1.091963788	-0.563560722	-0.601070415	-1.121280991	9.88E-06	0.00043107
YGL02_GNYA1SO04JVVFE	2.998086833	1.758483038	-0.105879355	0.142243725	0.330964181	-0.45103596	-2.265268587	0.00058324	0.007288967
YGL02.16849.C1	6.850071549	1.758460414	0.633560978	0.731189512	0.118104021	-0.333599421	-1.040364907	1.12E-08	8.44E-06
YGL02.8828.C1	8.2036836	1.758372625	0.253675856	0.435689354	0.04867875	-0.375684499	-0.638234416	5.49E-10	3.19E-06
YGL02_GNYA1SO04IXFQW	3.995829778	1.755963265	0.738828152	0.446108961	-0.488039262	-0.758228628	-1.646603555	0.00367311	0.027070727
YGL02_GNYA1SO04H3AMW	2.858757085	1.755102676	0.549854307	0.343448527	0.163485782	-0.876350342	-1.243568702	0.005050172	0.034134678
YGL02.11453.C1	3.084479541	1.754370519	0.766116859	1.357809643	0.391791721	-0.364614614	-0.950671303	2.32E-05	0.000768874
YGL02_GNYA1SO04I0QQU	4.991858681	1.752814225	0.632579928	1.95507842	-0.487145672	-0.493002766	-1.781206017	0.001747865	0.015968339
YGL02.4208.C1	3.622322166	1.752379655	0.005358683	1.398425288	-0.215462228	-0.307499705	-1.540260959	2.87E-06	0.000194671
YGL02_GNYA1SO04IGFWK	3.568148629	1.752371142	1.063477729	1.106686815	-0.413476989	-1.176813083	-1.246142196	0.000631585	0.007721055
YGL02.12701.C1	4.242756912	1.751548516	-0.688495554	0.970291053	0.202477392	0.045208989	-1.085196401	3.77E-06	0.000231853
YGL02.8896.C2	7.240862718	1.751311395	-0.16512634	0.609135066	0.027906197	-0.587779109	-1.381545589	1.37E-08	9.40E-06
YGL02_GNYA1SO04I1PO3	7.646742278	1.751254096	0.704519956	0.892636229	0.400783974	-0.581871286	-1.138230613	3.12E-07	4.85E-05
YGL02.22429.C1	4.112939246	1.750908143	1.524636583	1.250977032	-0.457479469	-1.020659306	-1.13353911	3.26E-06	0.000210877
YGL02.3998.C1	7.326401975	1.750853988	0.195640735	1.017692472	0.295128045	-0.294738025	-1.03106129	7.32E-06	0.00035501
YGL02_GNYA1SO04JCG16	3.253168757	1.750198033	0.365898209	1.069260371	0.04733186	-0.865299725	-1.295260885	0.001037124	0.011000515
YGL02.1348.C2	4.834205589	1.749186988	0.692784695	1.060002684	-0.280475294	-0.740389405	-1.003070009	1.44E-06	0.0001271
YGL02.4449.C1	3.691057502	1.748892026	0.258370891	1.336646953	-0.423569631	-0.125546539	-1.782919918	0.000236004	0.003854938
YGL02_GNYA1SO04IO0O1	4.407330068	1.748757484	-1.256158732	-0.70637849	0.288162098	-1.203367257	-1.264471138	0.00401487	0.028876249
YGL02.316.C2	3.083542651	1.748072524	1.482375268	0.325616073	-0.299688162	-1.677422258	-0.449072573	0.003925735	0.028386516
YGL02_GNYA1SO04JAOPG	5.22624323	1.746840776	0.547321124	-0.857081133	-0.263262264	-0.635199693	0.783298101	1.16E-05	0.000477889
YGL02_GNYA1SO04JGEE1	3.641985972	1.745677101	0.492809698	-0.26754334	-0.188613915	-1.308217405	-0.145025297	0.000658016	0.007950326
YGL02_GNYA1SO04JFQMJ	4.526195052	1.743096766	-0.295750881	0.744836511	0.20494541	0.072127802	-1.663266695	0.005247425	0.035119646
YGL02_GNYA1SO04H2OKM	4.369207845	1.742366678	0.429623965	1.356177906	0.453123721	-1.033708179	-1.070395547	8.92E-06	0.000403657
YGL02_GNYA1SO04IOJE9	4.369030133	1.742203834	0.735530394	0.522016276	-0.124923066	-0.362338767	-0.267792326	2.01E-05	0.000697774
YGL02_GNYA1SO04I85MQ	3.385719086	1.741579198	1.153605217	1.177101514	0.357154746	-1.114043296	-0.979228767	1.14E-05	0.000471502
YGL02.14230.C2	4.383348382	1.740696688	0.333621247	0.669753468	0.206835935	-0.464778141	-0.733861602	7.30E-05	0.001699367
YGL02_GNYA1SO04H60NI	4.492941984	1.738521829	-0.358666432	0.319959461	-0.360053293	-0.608555077	-1.24317597	0.002009998	0.017610984
YGL02_GNYA1SO04I7JZY	3.385431485	1.738188227	1.206100813	2.044556306	-0.279672548	-0.474163027	-1.504972438	0.000141168	0.002692342
YGL02.1742.C1	6.801645326	1.737953958	0.534660825	0.834171266	-0.103203114	-0.423211119	-0.81533614	1.05E-07	2.61E-05
YGL02.8917.C2	2.753895119	1.737581226	-0.038583358	1.429069092	0.177133292	-0.181967777	-1.194474182	1.74E-05	0.000627822
YGL02_GNYA1SO04IGHJS	4.990641365	1.736425502	0.282950955	1.024207234	-0.347400974	0.185170631	-0.570438206	6.27E-08	2.06E-05
YGL02.8391.C1	7.037906241	1.735683733	0.288649107	0.580142581	0.392567655	-0.565942337	-1.006532301	1.38E-08	9.41E-06
YGL02_GNYA1SO04JP9TH	4.682127651	1.73351817	-0.286923415	1.051996921	-0.357730246	0.277745809	-0.812292617	0.003674552	0.027078271
YGL02_GNYA1SO04ITUVZ	3.068971136	1.733208563	0.261940235	1.360043095	-0.369911618	0.169289719	-1.416841089	0.003368531	0.025447288
YGL02.3209.C1	2.962311346	1.733123922	0.289231241	1.368708607	0.789595317	-0.048226338	-1.404723349	0.000257364	0.00409701
YGL02.3574.C1	6.554052261	1.732993673	0.522689161	1.169217866	0.072230486	-0.879776925	-1.434378497	2.51E-08	1.27E-05
YGL02_GNYA1SO04JOHLN	6.123046611	1.732535188	0.144777154	0.911016717	0.101421821	-0.224882196	-0.892728552	0.000104532	0.002186149
YGL02.19470.C1	3.375006244	1.731644617	0.186131922	0.547724952	-0.033178335	-0.493596511	-1.356752289	1.33E-05	0.000521862
YGL02_GNYA1SO04IUQAR	3.016011745	1.730768002	0.290080381	1.172139493	-0.089276792	-0.368308959	-0.387197633	8.40E-05	0.00187825
YGL02.14297.C1	5.831867488	1.728207974	0.327472248	1.193934403	0.228752098	-0.57322551	-1.387979539	5.81E-07	7.11E-05
YGL02.3143.C1	3.661454052	1.726130792	0.193954045	-0.142481317	0.096172929	-0.729631558	-0.984039713	0.000119212	0.002393813
YGL02.16419.C1	5.542050193	1.725842802	0.333873082	1.034390891	-0.139483596	-0.492788934	-1.143599398	1.15E-07	2.74E-05
YGL02_GNYA1SO04JKK6T	4.0244446	1.724068206	-0.272708526	0.300126456	0.293261921	-0.709676896	-0.848215224	0.000465884	0.006215843
YGL02_GNYA1SO04IUX2D	2.802806731	1.723956787	-0.003731095	1.608079294	0.046607009	-0.028824109	-1.085516327	2.06E-08	1.17E-05
YGL02_GNYA1SO04IGHUS	4.596394648	1.722854671	1.168987616	0.776240738	0.239216643	-1.033086301	-1.516871261	0.000151914	0.002829762
YGL02.4293.C1	3.174092826	1.722782648	0.34468308	0.880502844	-0.004764952	-0.465562924	-1.69846226	0.001040918	0.011029918
YGL02.22431.C1	5.65718181	1.722770771	0.061905395	0.491726175	0.643102281	-0.271119994	-0.879447032	6.50E-09	7.01E-06
YGL02_GNYA1SO04I92HF	2.809514763	1.722341935	0.204189915	0.762452647	0.223358353	0.170778686	-0.57630221	0.00087644	0.009762347
YGL02_GNYA1SO04JJL3R	9.333797914	1.72229145	1.356953977	1.473857963	-0.070934362	-0.667201499	-1.529912844	6.30E-08	2.06E-05
YGL02.10294.C2	6.527611681	1.722140087	0.279967934	0.209087989	0.057958737	-0.408919339	-0.496937438	1.95E-09	3.82E-06
YGL02.12352.C1	3.120875648	1.721422695	-0.225395672	-0.191417825	0.121264943	0.392841869	-0.237840034	4.32E-07	5.91E-05
YGL02.1005.C1	3.629400945	1.720448491	0.308717033	0.877394943	-0.285156956	-0.31754803	-1.376610862	0.000271224	0.004257846
YGL02.3209.C2	6.529224094	1.720127671	0.437862502	1.621839238	0.227426035	-0.415863293	-1.719917142	5.81E-09	6.74E-06
YGL02.10660.C1	4.371738575	1.719922085	0.955862852	0.796584928	0.403035337	-1.024777223	-0.988035416	1.12E-05	0.000466641
YGL02_GNYA1SO04JSJ22	2.646471993	1.719890299	0.341637084	1.074681121	0.272278643	-0.559362391	-1.561073256	0.004538179	0.031543356
YGL02_GNYA1SO04IP8JE	3.809298625	1.719888784	0.999659545	1.289086169	0.896809713	-1.095683238	-1.132394061	2.85E-05	0.000886888
YGL02.19417.C1	4.024001005	1.719497549	-0.195113383	-0.075400056	0.072829975	-0.037155886	-0.131996933	0.001137563	0.011733328
YGL02.10193.C1	5.795052173	1.718846241	0.329451151	0.88874265	0.114911589	-0.436173546	-0.815933875	1.21E-06	0.000114781
YGL02_GNYA1SO04IE3PH	3.900169985	1.718845494	-0.893544624	1.468009444	0.818689518	1.056348493	-1.822021276	0.001756537	0.016019569
YGL02.16478.C2	4.925917004	1.718344943	0.365658988	0.968463333	-0.394647563	-0.141280169	-0.929107313	0.00012084	0.002416807
YGL02.9420.C1	7.920511923	1.717772522	0.412640117	0.84048701	-0.014449759	-0.61493312	-0.910872615	1.44E-09	3.44E-06
YGL02.2197.C1	6.298078722	1.71750092	0.568462766	0.958037295	-0.231546924	-0.769417677	-1.10781707	6.91E-09	7.03E-06
YGL02.1156.C1	3.390134839	1.71729541	0.734423762	2.001960256	0.428181744	0.146317374	-1.317747796	0.000132909	0.002584683
YGL02_GNYA1SO04IL8FX	7.854359388	1.71716112	0.633704447	0.664994663	-0.076741739	-0.191550965	-1.282388048	2.23E-06	0.000166098
YGL02_GNYA1SO04IQ9LO	4.450313118	1.716885016	0.475827009	1.128523109	-0.216190607	-0.898450341	-1.524137064	0.004325192	0.030463557
YGL02_GNYA1SO04IBVJT	6.315943901	1.716796617	-0.159640971	0.950731743	0.384448747	-0.179518302	-1.749838184	6.41E-06	0.000325716
YGL02_GNYA1SO04JC3CZ	2.939916827	1.716009843	0.33541571	0.73872993	0.468328908	-0.610785153	-1.683920637	0.001339515	0.013182174
YGL02_GNYA1SO04JIWP1	4.661825046	1.714330798	0.228630805	0.425537076	0.34519873	-0.438914802	-0.304749755	2.05E-06	0.000157903
YGL02.22184.C1	3.36986421	1.713118981	-0.19262094	0.859843466	-0.086249128	-0.776576903	-1.117451269	1.32E-06	0.000120023
YGL02.45.C1	5.348145018	1.712857963	-0.055700279	0.299446343	0.007910106	0.083272461	-0.718788934	0.00014475	0.002740068
YGL02_GNYA1SO04IANSN	4.430836091	1.712664802	1.305129318	1.893038275	-0.154567968	-1.171658636	-2.218286903	0.003321528	0.025198045
YGL02_GNYA1SO04I1VU4	7.902930203	1.712345579	1.436914231	1.572549739	-0.649202229	-0.578358406	-1.500447546	4.04E-06	0.000242553
YGL02.11617.C1	5.066581441	1.711256766	0.42494939	0.738293554	0.302075325	-0.523995893	-0.931237008	2.43E-07	4.11E-05
YGL02_GNYA1SO04I26OW	5.428267415	1.711089049	0.090339527	0.716427356	-0.286795424	-0.058050426	-1.260365633	0.002853651	0.022639318
YGL02.16507.C1	3.43823763	1.710906521	0.533250288	0.983757689	-0.225468986	-1.202185285	-1.246741064	9.76E-05	0.002086327
YGL02_GNYA1SO04H1EQO	7.998597979	1.70958229	0.497213841	1.463985431	-0.155743134	-0.651812182	-1.394644639	7.83E-09	7.09E-06
YGL02_GNYA1SO04JUP0P	4.656120352	1.709363942	-0.002391294	1.284456664	0.115681948	0.194385288	-1.032771178	0.00031513	0.00474261
YGL02.2144.C2	3.266603638	1.709309843	0.880426536	1.236033701	0.103917918	-1.082784961	-1.403713458	0.000163347	0.002973085
YGL02.8325.C1	4.634500314	1.709140179	1.266020958	1.311776542	0.259731529	-1.471258619	-1.481936006	0.000682846	0.008171046
YGL02.17959.C1	2.916493003	1.708002181	-0.344183949	0.288188939	0.544737297	-0.458599114	-0.685370803	0.000131657	0.002566891
YGL02.19513.C1	5.420942954	1.707692191	0.953282128	1.591240193	-0.418776457	-0.860010848	-1.194219966	3.77E-05	0.001079287
YGL02.10458.C1	3.997132332	1.707415512	0.941124712	0.613717062	0.51592283	-1.010468351	-1.744531706	2.42E-05	0.000789943
YGL02.3938.C1	7.235426388	1.70712953	0.643326488	1.198508573	-0.033358602	-0.490568043	-1.339965189	1.89E-08	1.10E-05
YGL02_GNYA1SO04JCURZ	5.292459623	1.706881802	0.178385839	1.650526282	0.035177021	-0.489483542	-1.744777082	0.00089254	0.009894927
YGL02.16203.C1	5.179146354	1.706616162	0.143316399	0.801869047	-0.094058931	0.014078186	-0.867508479	2.02E-06	0.000156572
YGL02.367.C2	3.645932565	1.706529527	-0.020962056	0.158487421	-0.212616807	-0.924022206	-1.102161006	0.00362539	0.026824371
YGL02.6801.C1	5.704649534	1.70625335	0.417531652	0.918773334	0.175873702	-0.41966484	-1.364540396	4.49E-08	1.71E-05
YGL02_GNYA1SO04JD5RZ	6.27516833	1.706105959	-0.034487697	1.440159927	0.029242943	-0.222714805	-1.218766883	1.74E-05	0.000627822

YGL02.13479.C1	4.065287307	1.705285684	0.221759334	1.142698511	-0.137386384	-0.473919335	-1.314828484	0.001062924	0.011183487
YGL02.1286.C1	4.700754021	1.705099558	-0.04958282	0.68558542	0.07599618	-0.282990896	-0.88651898	5.81E-05	0.00144648
YGL02_GNYA1SO04IEAJX	7.113363976	1.704993847	0.938326292	1.555245251	-0.106328819	-0.835680724	-1.023762147	8.14E-06	0.00038072
YGL02.12865.C1	6.566348806	1.704452873	0.274445387	0.87005796	0.042679556	-0.334159631	-1.149069601	1.52E-09	3.44E-06
YGL02.11476.C1	4.132629284	1.703764887	-0.121908232	0.745481981	0.620277013	-0.386148058	-1.204510143	0.000488012	0.006417189
YGL02_GNYA1SO04JIZ9G	4.741050483	1.702446447	-1.183616513	0.451899382	-0.335386769	0.334485284	-1.071611128	0.000862923	0.009656646
YGL02_GNYA1SO04HZ4F1	3.028096069	1.702242481	0.482014191	2.070181621	0.095678057	-0.49219634	-1.750303677	2.45E-05	0.000796921
YGL02.3137.C1	4.67011773	1.701337918	0.778548663	1.023837898	0.048534369	-0.896712375	-1.301243177	1.26E-07	2.84E-05
YGL02_GNYA1SO04JUHDR	4.261553945	1.70104271	0.939457476	1.893032488	-0.194598279	-0.992575443	-1.573949487	0.001128369	0.011672973
YGL02_GNYA1SO04JT549	7.032146655	1.700791428	0.624847895	0.821487003	0.002870801	-0.210306302	-1.404644468	1.94E-06	0.000152725
YGL02_GNYA1SO04I30DK	3.949375829	1.700272253	0.927234683	0.389981229	0.250332143	-1.337357261	-0.747963299	0.00782669	0.046799616
YGL02_GNYA1SO04JI4GJ	5.208502169	1.699632148	1.036704071	1.422745091	0.059470941	-1.089542949	-1.444358008	3.74E-07	5.37E-05
YGL02.18885.C1	4.506643806	1.696877162	0.827340001	0.742240745	-0.149013377	-0.744034977	-1.129199942	6.12E-05	0.001494913
YGL02_GNYA1SO04IITDO	3.564504713	1.696473708	-1.047349898	0.090793727	0.363555701	0.650757436	-0.495961604	0.002251692	0.019093059
YGL02.4375.C1	3.919124895	1.695515862	-0.006813789	0.358932452	-0.070477091	-0.425079726	-1.308911287	0.002313548	0.01945651
YGL02_GNYA1SO04ITY6F	4.687806534	1.695047436	-0.938377428	1.006799116	-0.349103109	0.033756897	-0.385873975	0.000171079	0.00307529
YGL02_GNYA1SO04IA3GS	6.026464568	1.694650229	0.655734424	0.575914897	0.353424075	-0.656325116	-0.783153753	4.25E-07	5.85E-05
YGL02.19553.C1	3.24725362	1.694506665	-0.515323152	0.001274861	0.10743047	-0.01463641	-1.427893667	0.000139916	0.002675552
YGL02_GNYA1SO04JJ9FO	5.765380907	1.692514309	0.025030855	0.963764773	-0.513099113	-0.56789519	-0.55342397	9.26E-06	0.000413232
YGL02_GNYA1SO04H3TMD	7.154716523	1.692336854	1.150825528	2.082595362	0.435791188	-0.574569653	-1.551828058	7.94E-07	8.73E-05
YGL02.10788.C1	3.661560625	1.691500144	0.617410071	1.204639742	0.483636135	-0.766865618	-1.118054066	0.000862558	0.009653392
YGL02_GNYA1SO04JKGUN	6.192532691	1.689109057	0.136235315	0.995522248	-0.229681113	-0.368191407	-1.203446221	7.34E-07	8.27E-05
YGL02.3009.C1	5.094833233	1.688705196	-0.351495401	1.740372618	-0.682285613	-0.462250238	-2.304807219	0.000969583	0.010485956
YGL02_GNYA1SO04JA8FM	3.28463553	1.688551226	0.338895797	1.413064565	1.107371353	-0.257977338	-1.620236566	0.001779171	0.016162662
YGL02.8820.C1	4.400122009	1.688227521	0.255633283	0.681249904	-0.195805709	-0.717996761	-1.318160545	3.87E-06	0.000236042
YGL02.9464.C1	3.33513867	1.687387297	0.532551685	0.887981824	0.295386167	-0.402845914	-0.998140148	0.000218705	0.003653552
YGL02.10121.C1	5.884383045	1.687331719	0.367418879	1.1122059	0.166589483	-0.246330585	-1.518176396	2.00E-07	3.67E-05
YGL02_GNYA1SO04IDJZ1	4.277169138	1.687145583	-0.270872546	0.788882462	-0.237339441	-0.462305733	-1.656098401	0.004295786	0.030332326
YGL02.4542.C1	5.85107764	1.685980875	-0.161198747	-0.01651127	0.108396246	-0.52729747	-0.777472343	1.78E-05	0.000637467
YGL02_GNYA1SO04H6GBO	4.221388167	1.685334508	0.240122761	0.685015921	0.116900098	-1.068656091	-1.636726735	1.46E-05	0.000556806
YGL02_GNYA1SO04I8VR8	6.031355709	1.683836018	0.553864344	0.741805246	0.053279726	-0.616126939	-1.202137114	5.15E-07	6.56E-05
YGL02_GNYA1SO04JAOVE	4.768948025	1.68355539	0.921591089	1.304921431	0.52592676	-0.669441258	-1.222292146	4.10E-05	0.001141405
YGL02_GNYA1SO04IGE0S	2.80776574	1.681947787	0.03052871	2.165051608	0.134286386	-0.142674676	-2.053674226	0.000448918	0.00605057
YGL02.14220.C1	6.422816432	1.681671056	0.598134466	0.476287659	0.261801937	-0.55933008	-0.644084629	1.61E-06	0.000135749
YGL02_GNYA1SO04I66ZF	6.080137343	1.680443596	-0.026880915	0.786599465	-0.109496686	-0.023229851	-0.705372344	1.74E-06	0.00014364
YGL02.11290.C1	4.767496305	1.680033106	-0.679458369	-0.964672127	0.090173755	-0.893331661	-0.528197784	0.002004009	0.017568017
YGL02_GNYA1SO04JV0TM	5.409571051	1.678336564	0.062919553	0.504477521	0.028676301	-0.050816563	-1.115757662	0.000212403	0.003578678
YGL02.1031.C1	3.147156777	1.678281901	-0.067054791	0.142552674	-0.058251814	-0.655730712	-0.932409853	0.000924102	0.010143172
YGL02_GNYA1SO04IJFU9	6.76393295	1.677848518	1.493323159	0.764532925	-0.239828911	-0.948746122	-0.973793653	6.41E-07	7.57E-05
YGL02_GNYA1SO04IADYY	3.900807942	1.677434117	0.522759884	0.146002377	-0.421466741	-0.681179354	-0.858118113	0.000342936	0.005025965
YGL02_GNYA1SO04IH18A	3.145580307	1.675841504	0.129234991	0.450504638	-0.170159614	-0.789428616	-0.851921871	0.005486465	0.036259098
YGL02_GNYA1SO04IXGN1	5.061664631	1.674547495	0.580481923	0.606130152	-0.044877167	-0.48055891	-0.44058672	4.46E-06	0.000258072
YGL02.21602.C1	3.60514754	1.674460352	0.275882851	1.462059503	0.249920718	0.041089168	-1.080068058	3.72E-07	5.35E-05
YGL02_GNYA1SO04JW1Y0	4.989961844	1.673485919	0.265925821	0.596015944	0.158574015	0.019701437	-0.467532075	1.54E-06	0.000132743
YGL02_GNYA1SO04IAKC9	4.271198985	1.672500412	-0.537923055	1.48544349	-0.589209575	0.834175966	-0.604792656	2.33E-06	0.000171008
YGL02_GNYA1SO04JCSCX	4.486176033	1.671808454	0.723721643	1.728225541	0.422072009	-0.795818096	-1.997015409	1.30E-05	0.000511429
YGL02.20452.C1	4.345149133	1.671032896	0.033834828	0.372332349	-0.219086948	-0.771894344	-1.893003687	0.000173313	0.003104235
YGL02_GNYA1SO04H1X84	3.796632401	1.670536332	0.3147586	1.710036377	-0.12242985	0.021159	-2.199011623	0.001217018	0.01231519
YGL02_GNYA1SO04IN961	7.477072299	1.670142277	0.365711343	1.488935475	-0.351409769	-0.316533911	-1.340597726	5.74E-06	0.000303744
YGL02.17487.C1	3.973424103	1.66938084	-0.297073527	0.38959141	-0.500919264	-0.308908187	-0.830284002	1.51E-05	0.000570581
YGL02_GNYA1SO04IQR2S	3.526025078	1.668330502	-0.129983922	1.172725332	-0.356291552	0.217120384	-0.965373579	0.000553492	0.007026374
YGL02.17914.C1	6.237196115	1.667488724	-1.15054324	0.30914617	-0.197475065	0.289044044	-0.767800993	6.86E-06	0.000340468
YGL02_GNYA1SO04JN2LZ	2.796554854	1.667123418	0.044622599	0.472513709	0.128072044	-0.986243718	-0.642151457	0.000400757	0.005600809
YGL02_GNYA1SO04IFQR6	2.834816887	1.667122185	0.284346847	0.339338917	0.122415724	-0.206293757	-0.430373955	0.000849133	0.009550188
YGL02_GNYA1SO04JSY3D	3.816015172	1.666589569	0.02831317	0.978075721	-0.12337264	0.40412767	-1.985878263	0.000995615	0.010674782
YGL02.1156.C2	7.074115702	1.66657867	1.190616282	2.155974572	0.383123252	-0.420326787	-1.534584636	5.60E-08	1.96E-05
YGL02_GNYA1SO04H7HJ3	5.799501174	1.666250262	0.164494974	0.462480813	0.136684096	-0.72893388	-0.85929086	2.57E-06	0.00018157
YGL02.5057.C2	7.100710312	1.665884898	-0.189576259	1.606716636	-0.386290202	-0.546482893	-1.802455346	2.63E-07	4.30E-05
YGL02_GNYA1SO04ISNG7	5.685463711	1.665682074	-0.134222286	0.244602204	0.54006812	-0.087477505	-0.628433879	7.21E-07	8.18E-05
YGL02.2789.C1	7.75770602	1.665468931	0.220915431	1.338283443	-0.205506165	-0.380965161	-1.093155713	2.07E-08	1.17E-05
YGL02.9076.C1	3.824891019	1.665200951	0.386085014	0.658127258	-0.057606905	-0.484902388	-0.949208856	0.00063831	0.007780471
YGL02_GNYA1SO04JZ3QL	2.686579481	1.665163105	0.247782455	0.462514003	0.198462167	-0.099382072	-0.131265269	0.000541654	0.006918815
YGL02_GNYA1SO04JCJG4	6.267583839	1.664900265	0.493854658	1.19854349	0.054703691	-0.176911159	-1.487981926	9.33E-07	9.68E-05
YGL02.15561.C2	8.217316469	1.664687778	0.298582391	0.824364128	0.321963618	-0.525136126	-1.09525972	3.33E-09	5.39E-06
YGL02.19959.C1	5.552240948	1.66398639	1.172880167	1.082120161	0.086160578	-0.794390087	-1.480928631	4.71E-07	6.21E-05
YGL02_GNYA1SO04H2OCQ	5.697284961	1.663408205	0.209565978	0.340342531	-0.474228237	-0.979737614	-0.980137609	0.000109739	0.002264696
YGL02_GNYA1SO04IL31R	4.825847919	1.663264873	0.667766993	1.671370684	-0.627372155	-0.791040553	-1.363065593	0.001151671	0.011842353
YGL02.13251.C1	3.061904033	1.663114224	0.120454535	0.471824543	-0.271818979	-0.62029403	-1.306448199	0.000207003	0.003509147
YGL02.724.C2	4.905047893	1.662595699	0.308338943	0.81354192	-0.006954985	-0.571407708	-1.567577999	1.16E-05	0.000475595
YGL02.18709.C1	3.7878551	1.66224861	0.073140304	0.710999528	0.619535097	-0.40552888	-0.946310723	2.23E-06	0.000166098
YGL02.17635.C1	4.734614951	1.662176819	0.590234468	1.080684959	-0.043565085	-0.304819996	-1.737859163	2.63E-07	4.30E-05
YGL02.9939.C2	4.333207187	1.661540953	-0.221452364	0.520201268	-0.393810116	-0.009515162	-0.4028087	0.000859653	0.009632381
YGL02_GNYA1SO04H6HGI	5.923872486	1.660885208	-0.121370512	0.736708047	0.421057297	-0.121714642	-1.02406443	6.14E-08	2.05E-05
YGL02.17220.C1	6.053727367	1.66075197	-0.042308499	0.789576225	-0.046322857	-0.208402916	-0.835457552	1.00E-07	2.57E-05
YGL02_GNYA1SO04JJHCM	4.127701142	1.660196704	0.789917282	1.493526043	-0.22460767	-0.776326741	-1.410625333	0.003664143	0.027026173
YGL02_GNYA1SO04JX5L7	5.043265279	1.660021581	0.1867184	0.49028092	0.029284951	-0.792436351	-1.76036313	0.000485972	0.006400651
YGL02_GNYA1SO04IBWID	3.093593955	1.659437357	1.562062673	0.369625325	0.002214347	-1.351500358	-1.253641203	0.000458045	0.006142895
YGL02.4485.C1	4.767498519	1.659355671	0.66159138	1.28275585	0.107357238	-0.464025892	-1.041878152	0.000368	0.00527392
YGL02_GNYA1SO04H2AKF	6.020940629	1.65888713	-0.058178581	-0.04654753	0.210748859	-0.261330653	-0.653139705	6.00E-06	0.000312147
YGL02.17564.C1	4.8186638	1.658624925	0.663402934	1.347159153	0.29426342	-0.512461464	-1.60477904	5.72E-05	0.001429461
YGL02_GNYA1SO04JONWF	4.32952951	1.658342899	0.271593141	1.551705884	-0.18573482	-0.624119996	-1.480937034	0.000943793	0.010295601
YGL02.5652.C8	5.335205274	1.657459191	0.591328987	0.655599319	0.184325797	-0.363745991	-0.069014698	0.000698989	0.008306645
YGL02.3007.C1	3.679178949	1.657078238	-0.437600335	-0.503587415	-0.026064522	-0.533131504	-0.550058329	3.11E-05	0.000943483
YGL02_GNYA1SO04JF3BU	5.627961433	1.656717884	0.412040009	0.998083286	-0.256083103	-0.463943352	-0.948757974	2.33E-07	4.03E-05
YGL02.7269.C1	8.174232849	1.656606404	-0.996483322	-0.239115906	0.417207268	-0.309508524	-0.60022526	1.77E-06	0.000144501
YGL02.13645.C1	2.837721189	1.655626916	-0.006886414	0.058797365	0.124508486	-0.283510011	-0.811352227	0.001060017	0.011164697
YGL02.1454.C1	4.428726573	1.655020234	-0.125734538	0.311182934	-0.804946959	0.25200849	-0.377242331	0.000724199	0.008525652
YGL02_GNYA1SO04IVE5R	2.796250629	1.653972146	0.175969463	1.425856983	0.631566062	-0.881283024	-1.604375722	0.001840672	0.016559883
YGL02.5194.C1	4.273919421	1.65340807	0.527786064	1.685091069	-0.692283444	-0.76658154	-1.96469743	0.003020828	0.023557188
YGL02.12808.C1	4.349289797	1.653049715	0.862370633	1.380290863	0.120611814	-0.899277128	-1.638632861	1.31E-05	0.000516936

YGL02.13517.C1	6.27046927	1.65271087	0.617015212	0.689296865	0.178560654	-0.630853821	-0.822685882	2.20E-07	3.88E-05
YGL02.13037.C1	3.487313837	1.652530633	0.412397986	0.242017729	-0.462808254	-0.884545971	-1.510026931	0.000317975	0.004769175
YGL02_GNYA1SO04IGR4E	5.518775344	1.65230175	0.150848861	0.454902145	0.526893758	-0.209277782	-0.856675576	3.02E-06	0.000200403
YGL02.4163.C1	2.87205479	1.651963852	1.063931734	-0.142997158	0.435174881	-0.857215996	-0.534119444	6.08E-05	0.001489187
YGL02_GNYA1SO04IK1P4	5.293184035	1.651386168	0.706455709	1.275153551	-0.107768846	-0.505136135	-1.308622663	0.000488924	0.006423977
YGL02_GNYA1SO04H5MKQ	3.423666462	1.650410216	0.495112963	0.833649728	-0.395882602	-1.334340526	-0.516467243	9.71E-05	0.00208078
YGL02_GNYA1SO04H4W1E	3.422869943	1.65023184	-0.149125201	0.44484437	0.233477349	-0.813113218	-0.791503989	0.008215352	0.048408345
YGL02.22241.C1	4.984648931	1.650196707	0.525583234	0.192120746	-0.281316333	-0.472090616	-0.757968326	8.87E-07	9.37E-05
YGL02.1207.C1	4.370579436	1.649226777	1.336154658	0.84931706	-0.042261216	-0.58576345	-1.090419475	0.001848996	0.016606777
YGL02.8982.C1	4.916300499	1.648331942	0.561561087	1.35739404	-0.102980466	-0.638798916	-1.429207786	2.46E-05	0.000799388
YGL02_GNYA1SO04H25DN	5.083446339	1.647397395	-0.151483737	0.861954739	-0.216369979	-0.10594358	-0.735228254	1.04E-06	0.000103797
YGL02.2529.C2	3.726481389	1.647354321	-0.358345197	0.18708771	-0.096029942	0.218962339	-0.724837557	0.000410705	0.005695742
YGL02.61.C1	5.796657695	1.647096873	0.426914207	0.83392621	0.014930195	-0.533103503	-1.004175703	5.91E-06	0.000309252
YGL02_GNYA1SO04I5LCN	4.222396491	1.646525459	1.122107519	2.139863239	0.032241999	-1.046090875	-1.465959331	0.004001996	0.028794854
YGL02.542.C1	10.99886917	1.646377253	0.27792443	0.945990483	-0.127078821	-0.172461442	-1.166989102	4.23E-07	5.82E-05
YGL02.12840.C1	5.027677634	1.644991134	0.318675212	0.834693911	-0.003617526	-0.656428332	-0.659672236	6.43E-08	2.06E-05
YGL02.18138.C1	3.395275041	1.644832533	-0.363903703	1.66464323	0.217523319	0.272455734	-1.654347771	4.36E-07	5.94E-05
YGL02.11940.C1	4.948599101	1.644661161	0.62531501	0.023975247	-0.136718378	-1.028412474	-0.912142221	5.38E-06	0.000291219
YGL02_GNYA1SO04JR6SE	4.639911646	1.644139395	0.97498305	2.159017369	-0.71717207	-0.498572619	-1.450390389	0.00267479	0.021585311
YGL02_GNYA1SO04I9L2J	5.187943887	1.644007387	-0.158793734	0.906025107	-0.294351307	-0.102889469	-1.289149866	0.004298029	0.03034159
YGL02.3161.C1	7.018489133	1.643334169	0.117302406	0.367095357	0.068615034	-0.245848651	-0.88626835	2.06E-08	1.17E-05
YGL02.14696.C1	3.492739383	1.64307127	-0.239445295	0.577714334	0.071376609	-0.195906471	-1.06608491	0.000508175	0.006592687
YGL02.11010.C1	6.21184023	1.642942812	-0.00894785	0.696246889	-0.076546553	-0.065661125	-1.226246298	2.69E-06	0.000186354
YGL02_GNYA1SO04JLYB7	6.178044912	1.642439965	0.135800722	0.806408087	0.092275208	-0.366809138	-0.901058454	1.51E-07	3.10E-05
YGL02_GNYA1SO04JEUSS	2.872996002	1.642060007	0.114780488	0.56290665	0.071717198	-0.177835058	-1.652022989	2.13E-05	0.000724572
YGL02_GNYA1SO04I1JQY	3.598373911	1.641824138	-0.766658478	0.46953026	0.119185826	0.621866639	-0.645469085	0.002557286	0.02090615
YGL02.50.C4	7.58661014	1.641648816	0.560713449	0.825878204	0.400694884	-0.401009851	-1.040889223	3.62E-07	5.28E-05
YGL02.13389.C1	2.476960109	1.64157943	0.218536485	0.425145178	0.971135047	-0.289852778	-1.08098062	0.00034701	0.005068516
YGL02.5259.C1	10.78266003	1.641409673	-0.010672127	0.979937691	0.057812844	-0.094672962	-1.277135685	1.51E-09	3.44E-06
YGL02_GNYA1SO04IYBC9	3.348794511	1.641137757	0.945789014	0.930178288	0.701877	-1.582569767	-1.668781689	0.000397668	0.005573277
YGL02_GNYA1SO04JSYYB	4.168033163	1.641101455	0.058472623	2.722426407	-0.696996255	-0.17673301	-1.697173163	3.06E-05	0.000933715
YGL02_GNYA1SO04IZATS	6.740252637	1.640975361	1.013258542	1.346776857	0.072070747	-0.725749775	-1.315520642	1.04E-06	0.000103757
YGL02_GNYA1SO04JID8J	6.49608272	1.640293765	0.586068801	1.200572723	-0.243319147	-0.637060816	-1.552719523	6.86E-08	2.10E-05
YGL02_GNYA1SO04IXHH3	2.667505524	1.640071317	0.282680281	0.774633171	0.316330544	-1.052764997	-0.99711038	9.05E-05	0.001982574
YGL02.14572.C1	4.982218317	1.639672547	0.233561189	0.89233477	-0.276452529	-0.46181611	-1.558949745	4.22E-06	0.000249398
YGL02_GNYA1SO04JS4RE	5.237848272	1.638767224	0.598296288	1.369666251	-0.175961547	-0.622737862	-1.247135416	5.46E-05	0.001384095
YGL02.5610.C2	7.336033028	1.637408639	0.414769855	0.913144833	0.083745204	-0.259713309	-1.325731175	1.50E-08	9.87E-06
YGL02_GNYA1SO04JHNBL	6.475194074	1.637197393	0.025112015	0.332217536	-0.243813386	-0.397711008	-0.523464741	9.23E-06	0.000411831
YGL02.9328.C1	5.980797635	1.637102327	0.098094907	0.427761841	-0.187832463	-0.229527454	-0.566649074	1.38E-07	2.96E-05
YGL02.22148.C1	6.581552576	1.637076686	0.081632105	0.990646892	-0.253695395	-0.201821239	-1.16480841	1.98E-07	3.65E-05
YGL02.14305.C1	3.525132182	1.635969007	-0.421764451	0.480902518	0.388749395	0.054557744	-1.908446745	0.001323568	0.013064957
YGL02.2172.C1	3.050539583	1.63427044	-0.324129613	0.111113836	0.158596	-0.604793442	-1.585951925	0.000521955	0.006725048
YGL02_GNYA1SO04I5NCG	3.45151881	1.633980824	0.627554714	1.166155458	0.457919921	-0.828243591	-1.920502823	0.001601687	0.014987709
YGL02_GNYA1SO04JQYCP	2.952975586	1.633952878	-0.295373299	-0.292962291	0.618985898	-0.188569857	0.015689942	0.001311417	0.012980637
YGL02.1935.C1	3.186219902	1.632658559	0.231535149	0.541484783	-0.110757766	-0.650578119	-0.840573082	0.001067727	0.011218525
YGL02_GNYA1SO04IANFZ	5.366468644	1.632650546	-0.328869093	-0.054978643	0.499925604	-0.47160671	-1.429383551	9.84E-05	0.002097872
YGL02_GNYA1SO04JJ1EE	5.136494953	1.630925415	0.193417647	0.498547911	-0.101924885	-0.616755905	-0.985702656	0.000137411	0.00264129
YGL02_GNYA1SO04JP76Y	4.973560979	1.630472124	0.297924706	0.957269525	0.118371969	0.086438418	-0.903548535	6.88E-08	2.10E-05
YGL02.3850.C1	5.427898007	1.630197591	0.052358294	-0.02095779	0.045524978	-0.176047544	-0.438631323	3.80E-06	0.00023301
YGL02_GNYA1SO04JSJD1	5.418221327	1.630152926	0.436590429	1.100213619	0.167690855	-0.573569571	-1.305923731	1.16E-06	0.000111597
YGL02.14902.C1	5.080232402	1.629926374	0.095699018	0.595209986	-0.117532394	-0.217408712	-0.585642204	0.000388347	0.005478217
YGL02_GNYA1SO04IX0BY	4.558466722	1.629112198	0.324728697	0.871095533	-0.280697212	-0.713756272	-1.47134156	0.000133935	0.002598497
YGL02_GNYA1SO04JXL19	4.505591638	1.62853583	-0.162686542	0.2224264	0.017846509	0.409722563	-0.333935934	0.002140552	0.018398835
YGL02.8784.C1	3.334930075	1.62816198	1.372976527	1.222838804	0.440445587	-2.135380942	-2.000523289	0.000674487	0.008095707
YGL02.19023.C1	5.729806568	1.62791483	0.068819224	0.996063447	-0.178245716	-0.218641736	-1.119946348	5.16E-07	6.57E-05
YGL02.9450.C1	5.772292171	1.627613664	0.067986736	0.88809105	0.041190828	-0.244079104	-0.992388193	5.93E-07	7.19E-05
YGL02_GNYA1SO04H9VH9	3.59715156	1.627225219	0.892873856	1.459278257	-0.155049996	-1.880382922	-1.101755557	0.006986251	0.043038119
YGL02_GNYA1SO04IMTG8	4.560344818	1.627002484	0.442795121	1.832934958	-0.338380811	-0.402584185	-1.871111103	5.40E-05	0.001371468
YGL02.5610.C3	6.128904537	1.626943038	0.579210576	0.91026006	0.062011461	-0.416316785	-1.388446614	1.60E-07	3.24E-05
YGL02_GNYA1SO04I8F87	6.4393507	1.626067721	1.533521943	0.59525762	-0.364731359	-0.889311918	-0.796380913	8.51E-07	9.16E-05
YGL02_GNYA1SO04IGKL3	2.613280348	1.625290256	0.512162905	0.028340946	0.37743507	-0.5874253	-1.489287596	0.000796167	0.009120983
YGL02_GNYA1SO04IWKCW	6.103636869	1.624299466	-0.053886091	-0.008101182	0.028839654	-0.119924165	-1.048752577	7.50E-07	8.37E-05
YGL02_GNYA1SO04IQOND	6.995387532	1.623699934	0.201193483	1.125798779	0.059343159	-0.339132956	-1.644206976	7.51E-06	0.00036161
YGL02.3997.C1	5.39172742	1.62308591	-0.778479219	-1.367107146	0.046809689	-0.127583818	-0.773584496	0.000101325	0.002144367
YGL02.10933.C1	6.941237047	1.621219573	0.259193513	0.95985767	0.048310262	-0.188178155	-1.055514707	1.53E-06	0.000132121
YGL02.16662.C1	9.691123134	1.620123032	0.510763037	1.314804934	-0.155658381	-0.402390348	-1.13180983	4.76E-08	1.79E-05
YGL02.10819.C2	5.803305198	1.619410752	0.053546942	0.368996837	-0.042282085	-0.682407821	-1.077362984	2.82E-06	0.0001928
YGL02.9667.C1	5.61322131	1.61900995	-0.895194226	1.095087779	0.248710632	0.147909668	-1.578187811	7.98E-08	2.28E-05
YGL02_GNYA1SO04H304L	2.767289872	1.618978859	0.566825292	1.798136409	0.546278863	-0.457547887	-2.019753053	0.004567318	0.031696552
YGL02_GNYA1SO04J0ISK	5.544330333	1.618772539	0.284681079	0.483087524	-0.268237989	-0.578639933	-1.131823052	0.000477469	0.006317883
YGL02_GNYA1SO04IRE0I	4.435246591	1.618147454	0.39052508	-0.040031594	0.016986854	-0.586504749	-0.354709013	0.000718586	0.008474988
YGL02.7269.C2	7.227263536	1.617963049	-0.706401958	0.133886841	0.454956195	-0.339642707	-0.846925354	3.81E-06	0.000233333
YGL02_GNYA1SO04IIM6I	2.908189388	1.617884402	0.073923998	-0.027984488	-0.117436272	-0.606827133	-0.896259845	0.000194945	0.003370493
YGL02.9126.C1	6.598353553	1.617867583	0.846871053	1.087443572	-0.182955499	-0.779821045	-1.333743136	7.69E-08	2.22E-05
YGL02.6257.C1	6.241549778	1.61769958	0.778114742	0.905365147	-0.043086172	-0.65070416	-0.788854282	4.96E-10	3.18E-06
YGL02_GNYA1SO04IULC7	5.24766956	1.616872921	0.513026343	1.306917344	0.061696215	-0.487578396	-1.592420738	1.57E-05	0.00058605
YGL02_GNYA1SO04I30ER	3.116335935	1.616806396	0.285176085	0.432554043	-0.294338459	-0.968887754	-1.986462208	0.000369007	0.00528368
YGL02_GNYA1SO04JVWJU	4.769553627	1.616602146	-1.336263642	1.071635326	0.215698682	0.69049759	-0.700743414	2.57E-05	0.000825158
YGL02_GNYA1SO04I1P8G	4.214034559	1.616485573	-0.159702981	0.700071662	-0.075307784	-0.815780046	-0.848127628	0.000125584	0.002480978
YGL02.1910.C10	4.955796777	1.616249436	0.226628752	0.475793229	0.536595342	-0.704436923	-0.584347982	6.89E-06	0.000340964
YGL02.18410.C2	3.464042283	1.61589923	-0.380873081	-0.625831698	0.130029544	-1.235009344	-1.421188435	0.000918903	0.010102374
YGL02.7605.C1	6.177343723	1.615683373	0.273535284	1.05875839	0.060458634	-0.768679445	-2.055961979	1.68E-06	0.000140155
YGL02.13464.C1	4.733238559	1.614120493	-0.885033538	0.564053328	-0.123867939	0.310909916	-1.048085028	9.32E-06	0.000415015
YGL02_GNYA1SO04JIT08	3.787416342	1.614118245	-0.57821359	1.749480777	-0.288286524	0.035230652	-2.445700447	0.000363934	0.005234195
YGL02_GNYA1SO04JTIPY	2.771504241	1.614071472	0.059827699	0.088038147	0.099832964	-0.436443577	-0.990173566	0.002328805	0.019556138
YGL02.10701.C1	5.312864115	1.613736528	0.26235196	0.240767932	0.127494213	-0.55123049	-0.406343905	6.88E-07	7.95E-05
YGL02.12029.C1	5.973411003	1.612957454	0.800383603	1.293684268	-0.255435036	-0.76284123	-1.254125478	2.51E-07	4.20E-05
YGL02.21697.C1	7.203955177	1.612925428	0.050033077	0.402974991	-0.345911552	-0.284143959	-0.941738231	1.07E-07	2.65E-05
YGL02.11081.C1	5.880714337	1.611884845	0.273807193	1.124017244	0.236710934	-0.476888907	-1.509629686	2.44E-08	1.25E-05
YGL02.7235.C2	4.860458559	1.611857836	1.996385668	3.281040723	0.243466053	-0.936898473	-1.645319165	1.13E-05	0.000469088

YGL02.12585.C1	3.158819843	1.611523017	0.481465374	0.236430557	-0.096220212	-0.157760958	-0.135917872	0.001002846	0.010731873
YGL02_GNYA1SO04H3Z06	3.899283702	1.611483849	1.088973004	1.707134668	0.040029336	-1.211368827	-2.066679983	1.90E-05	0.00067041
YGL02.4250.C1	9.625678837	1.61115015	-0.197834024	0.759401703	0.005142934	-0.375463987	-1.273156273	7.32E-05	0.001700784
YGL02_GNYA1SO04JAI57	5.465801259	1.610490026	0.886629571	0.936171274	0.034303537	-0.990947916	-1.576905932	0.000673559	0.008088318
YGL02_GNYA1SO04JNF0X	6.777993778	1.610374863	-0.100483208	0.512095568	0.028278774	-0.48670792	-0.766249218	7.74E-06	0.000368011
YGL02_GNYA1SO04H98E2	4.390826048	1.610019274	0.503463277	0.992759724	-0.016413349	-0.42653642	-1.062497828	0.002563081	0.020938264
YGL02.2177.C3	5.903918426	1.609905235	0.385271599	0.748004908	0.173051765	-0.461248684	-1.608272423	1.46E-05	0.000557177
YGL02.23535.C1	3.133465875	1.609681691	0.075835603	1.274258902	0.299076468	0.378924124	-1.172429061	3.99E-05	0.001119611
YGL02.14181.C2	3.162855157	1.608859514	0.124193961	0.002402752	-0.088421791	0.125560435	-0.157224899	2.29E-05	0.000761102
YGL02.12466.C1	6.790449074	1.608752308	0.409421647	0.78383554	0.005456211	-0.101549501	-0.819936208	1.31E-05	0.000516456
YGL02.2001.C1	3.061145691	1.608253146	-0.014435055	0.004685819	0.064357024	-0.188302505	-0.454737977	1.15E-05	0.000472785
YGL02_GNYA1SO04JQ0OJ	3.470023436	1.608181948	0.562008852	0.944791537	0.033879883	-0.249150083	-0.671305513	0.005403905	0.03585377
YGL02.9895.C1	5.467987989	1.607384622	-0.040886318	0.668383052	-0.014851452	-0.077482408	-0.82951105	3.60E-06	0.000225687
YGL02.20132.C1	3.554029483	1.606881559	0.246317463	0.446539108	-0.181262951	-0.525244106	-0.86108885	0.001995647	0.017528792
YGL02.14281.C1	5.443049465	1.605982147	0.657828092	1.758020287	-0.084084818	-0.803979013	-1.416253511	3.00E-06	0.000199654
YGL02.5148.C1	7.648531595	1.605066848	0.136431283	0.365907727	-0.067409003	-0.063801995	-0.334725684	2.22E-08	1.20E-05
YGL02_GNYA1SO04IGPDI	4.495601314	1.603858707	-0.352690608	0.671768725	-0.637881649	0.005508903	-0.988119645	0.003223822	0.024679502
YGL02.12702.C1	5.314723255	1.603810202	0.054914579	1.198526959	0.063151396	-0.167954809	-1.250547962	4.11E-06	0.000245581
YGL02_GNYA1SO04H3S9P	3.041683827	1.6033796	-0.286593051	0.60484386	0.103046476	-0.242197647	-1.464298321	0.000737663	0.008640956
YGL02_GNYA1SO04JD11F	5.119141184	1.603112424	0.173822241	1.265302797	-0.684236471	-0.274139549	-1.802177776	0.00212061	0.018267874
YGL02_GNYA1SO04IRUBA	5.879262685	1.60287579	0.428098607	0.799925502	0.25690953	-0.677249634	-0.791815512	3.09E-07	4.82E-05
YGL02.8838.C1	4.210245526	1.601625201	-0.252004888	1.178593923	0.13343306	-0.068256511	-1.038763595	0.00048066	0.00634888
YGL02.14167.C1	5.531523829	1.601099712	-0.254618131	-0.388976315	-0.429132728	0.166552746	0.573137105	3.43E-05	0.001009949
YGL02_GNYA1SO04IRM33	5.386896578	1.600209284	-0.621695388	0.922440848	-0.004779769	0.724362711	-0.236265528	0.000317168	0.00476038
YGL02.2117.C2	6.191229278	1.599603076	-0.561004712	0.347105677	0.258432984	-0.169803705	-1.389053568	2.73E-07	4.43E-05
YGL02_GNYA1SO04IDM0D	7.48417272	1.599073878	0.560347631	0.240307535	-0.033480281	-0.725716385	-0.99324658	3.72E-07	5.35E-05
YGL02_GNYA1SO04JTW4X	3.424535769	1.598979812	-0.125031099	0.863817271	0.345693389	-0.392918327	-1.828862661	0.003860883	0.028049143
YGL02_GNYA1SO04IQLYL	5.690996972	1.59816189	0.493323807	0.277241004	-0.161657924	-0.96272477	-1.248123374	3.35E-05	0.000992665
YGL02.20924.C1	5.09295303	1.597687572	0.939236194	1.376892763	0.040306093	-0.822439176	-1.444716702	4.95E-09	6.22E-06
YGL02_GNYA1SO04IBO9F	6.014394647	1.596792738	0.962161758	1.50947994	0.143380399	-0.860281873	-1.931468592	3.93E-06	0.000238101
YGL02.3146.C1	5.170019477	1.596612886	-0.137635613	0.471149516	0.282645292	-0.120530208	-0.632084208	1.56E-06	0.000133757
YGL02_GNYA1SO04JD009	4.035208907	1.59637724	-0.892675218	-0.119702029	-0.466868546	0.131697447	-1.22898068	0.00714854	0.043833529
YGL02.7094.C1	5.529949097	1.596348025	-0.060168076	0.192343372	0.039916139	-0.533235213	-1.116198094	2.82E-06	0.0001928
YGL02_GNYA1SO04JNUMD	3.532868588	1.59630397	0.360595004	1.120811978	0.102899346	0.368762899	-0.825036461	0.0038519	0.028002728
YGL02.12137.C1	3.578932697	1.595825427	0.38382823	-0.104180748	-0.129738483	-0.550283817	-0.360571432	0.005664881	0.037121227
YGL02.12090.C1	2.995670795	1.594692937	0.12709166	0.383995084	-0.096176695	0.100230264	-1.120371646	0.000318416	0.004773408
YGL02_GNYA1SO04JPFPR	4.656063889	1.594032488	0.702768292	1.140065248	0.33304613	-0.902174685	-1.054472093	0.000120794	0.002416807
YGL02_GNYA1SO04ILVU9	5.554385249	1.593900928	0.648875979	0.909473589	-0.162417779	-0.726071784	-1.838648436	1.02E-05	0.000440252
YGL02_GNYA1SO04IH87S	3.446098734	1.593570014	0.481301328	0.612257651	-0.509015583	-0.544576901	-1.407189541	0.005715938	0.037374474
YGL02_GNYA1SO04JSBQR	3.977242911	1.593416896	0.558794146	1.177900801	-0.453715719	-0.161134094	-1.162084929	0.002206379	0.018811064
YGL02.12014.C1	3.333790361	1.593076805	-0.135129442	0.256600122	-0.004012461	0.036077301	-0.414641173	0.000241969	0.003922684
YGL02_GNYA1SO04JVC5F	7.012826101	1.592930717	-0.048921902	0.222038947	0.146421355	-0.130109032	-0.633882629	1.01E-07	2.57E-05
YGL02_GNYA1SO04IVM75	4.55671798	1.592370502	1.397756412	0.664644784	-0.177504185	-1.441242368	-1.600016242	2.76E-05	0.000865159
YGL02_GNYA1SO04IVYS4	3.033095224	1.592106549	0.243876359	-0.03697287	0.989721442	-1.454508662	-1.438026198	0.006493885	0.040868152
YGL02.18438.C1	8.024263321	1.591141432	0.247257555	0.713018725	0.185343713	-0.441292938	-1.321012613	6.70E-08	2.08E-05
YGL02.21270.C1	5.244781649	1.591041537	0.428772993	0.952068633	-0.237586038	-0.323432819	-0.768547287	1.37E-06	0.000122397
YGL02.10895.C1	6.008540678	1.590694539	-0.549649453	-0.557939077	0.290970821	0.207873252	-0.534579561	0.000136373	0.002627579
YGL02_GNYA1SO04IKQTG	6.367679729	1.590438592	0.228220976	0.853266309	-0.043766555	-0.25783516	-0.930982751	6.60E-09	7.01E-06
YGL02.5610.C1	8.01914129	1.590295827	0.514583508	1.044286459	0.270739725	-0.299237525	-1.257583271	8.30E-09	7.34E-06
YGL02.13074.C1	3.911665558	1.590134894	1.96445838	1.910038969	-0.00011078	-0.808108273	-1.708704051	0.000254063	0.004060648
YGL02_GNYA1SO04JYEYJ	3.825193248	1.58968143	-0.447451861	0.35531693	0.011873335	0.380645556	-0.844142065	0.001708456	0.015703124
YGL02.6540.C1	3.299950037	1.589437867	-0.022433895	2.170918754	-0.225068148	0.47324156	-1.105331327	0.000358681	0.005182822
YGL02.4659.C1	5.152895697	1.588829102	0.284515547	0.881724078	-0.079055777	-0.40534584	-0.760495241	6.01E-06	0.000312415
YGL02_GNYA1SO04H72IN	3.757107517	1.588303667	1.069519041	1.2999427	0.151208101	-0.86774105	-1.272129797	1.80E-06	0.000145848
YGL02_GNYA1SO04JF5KF	9.612925034	1.587790899	-0.192769623	0.763395457	0.145199148	-0.354055805	-1.210898796	1.08E-05	0.000455453
YGL02.19538.C1	4.820375645	1.587000422	0.104843764	0.024337162	0.122321096	-0.79110336	-0.955346553	9.04E-07	9.46E-05
YGL02.14137.C1	7.118876683	1.586587701	0.744654969	1.202025138	-0.115269107	-0.319333281	-1.494414232	1.67E-05	0.000611433
YGL02.12291.C1	3.554540633	1.585757353	1.098454531	1.099037163	0.382722598	-1.167124425	-1.23148262	4.25E-06	0.000250315
YGL02_GNYA1SO04IUFVT	2.740167256	1.584866883	0.706709978	2.000133796	0.220346966	-0.483483332	-1.495198899	0.00056404	0.00712365
YGL02.12537.C2	3.037576214	1.58469079	-0.205339667	1.130236671	0.612094477	-0.444028662	-1.519657254	3.77E-05	0.001079047
YGL02.23329.C1	3.761975949	1.584478795	-0.251981918	0.167952106	-0.365885383	0.324424545	-0.874891916	0.000104804	0.002191139
YGL02.15935.C1	5.525274008	1.584009272	0.379158047	0.881464477	-0.356030099	-0.326925595	-1.245817005	2.55E-05	0.000819458
YGL02_GNYA1SO04I9ORG	6.511816292	1.583659146	0.31578656	0.844919961	-0.207104586	-0.360170637	-0.91784901	4.77E-09	6.12E-06
YGL02_GNYA1SO04JHMLH	3.321306262	1.583623659	1.525121949	0.744244535	-0.518784645	-1.521285849	0.107614291	0.001254688	0.012579429
YGL02_GNYA1SO04I06TD	4.325133617	1.583219368	1.31777843	1.334190214	-0.200891645	-1.368200837	-1.134600173	0.003012109	0.023503871
YGL02.5820.C1	4.340036283	1.582739141	0.356717725	0.295274033	-0.782155643	-0.486263972	-0.503143712	0.000263714	0.004172826
YGL02_GNYA1SO04I5BTS	3.699318807	1.580559838	-0.249994412	1.916728679	0.323654056	-0.568834578	-1.291473371	0.001113516	0.011555245
YGL02.12322.C1	5.359219427	1.579894874	0.133326305	-0.322856128	-0.018120418	-0.368726035	-0.649376793	2.34E-05	0.000772644
YGL02_GNYA1SO04IQ1CC	6.453561171	1.578563366	0.344253566	1.642194881	-0.11265585	-0.666104439	-1.296887848	3.42E-06	0.000217592
YGL02_GNYA1SO04ITA8D	3.950911926	1.578560788	-0.081128748	0.786685972	-0.37459441	0.416330162	-0.624109493	0.000982983	0.010585266
YGL02_GNYA1SO04JFI4Q	4.307275486	1.578298505	0.852636686	0.410734339	-1.069626666	-2.357333366	-2.025304722	0.005556744	0.036592231
YGL02_GNYA1SO04IUZY1	4.135751959	1.577953145	-0.032347885	0.760348737	0.467834438	-0.227468325	-1.489673317	0.002283196	0.019284432
YGL02.9094.C1	7.204886444	1.577829835	-0.206899426	-0.104748224	0.145482369	-0.040056224	-0.594404502	1.22E-08	8.95E-06
YGL02_GNYA1SO04JDV9H	3.540430851	1.577736416	0.573351115	1.005232942	-0.281212479	-0.903631813	-2.26771313	0.00759295	0.045765439
YGL02.21533.C1	5.390972942	1.577563339	0.62385924	0.593449155	0.067378227	-0.703216593	-0.65078217	4.40E-07	5.97E-05
YGL02_GNYA1SO04JMB5Y	4.033748097	1.577371174	-0.467478089	0.986794014	-0.297650906	0.309461951	-0.7426761	0.000170416	0.003066343
YGL02_GNYA1SO04IUGY8	2.972214939	1.577252482	0.09557007	0.646793756	0.037869289	0.574799326	0.184913961	0.000299929	0.004578052
YGL02_GNYA1SO04JNV4Q	10.33539999	1.576491338	-0.398836435	-0.108539244	0.364313534	-0.127922251	-1.220722645	3.63E-05	0.001053044
YGL02.4447.C1	6.748631458	1.575799468	-0.083546268	0.264193719	0.252949372	-0.299964006	-0.189665928	3.29E-07	4.98E-05
YGL02.9341.C1	8.157164679	1.575551793	0.368346376	0.651789739	0.301730018	-0.452623997	-1.126220125	6.36E-08	2.06E-05
YGL02.7838.C2	5.235843697	1.575437299	1.160760731	0.337243253	0.066955084	-1.081490174	-1.043581537	9.18E-06	0.000411053
YGL02_GNYA1SO04JBA3E	5.738056661	1.574129291	0.612224735	0.966139002	-0.110903721	-0.654247061	-1.755071413	0.001033621	0.010969651
YGL02.11733.C1	5.440202676	1.573610561	-0.211856148	0.694849606	0.011202294	0.113283299	-1.143886522	2.61E-07	4.30E-05
YGL02_GNYA1SO04IS6WI	6.93176874	1.571758871	0.913710099	1.460238633	0.057732366	-0.852528438	-1.307889487	1.32E-06	0.000120129
YGL02.17199.C1	4.747729483	1.570542455	0.593592914	0.972643672	-0.281849231	-0.897498673	-0.968794163	1.26E-05	0.000502692
YGL02.1669.C15	4.585978175	1.570486403	0.225456012	0.444938159	-0.120835255	-0.319619031	-0.889443874	0.000433149	0.005900055
YGL02.830.C2	3.115540866	1.569773828	-0.333677411	-0.364555439	0.16319402	-0.711136937	-0.686474343	0.002827871	0.022495433
YGL02_GNYA1SO04ICP55	5.822828573	1.569498464	0.135632869	0.960810863	-0.077959314	0.05706295	-1.865834348	1.03E-05	0.000443146
YGL02_GNYA1SO04I2WIF	5.426287575	1.569339792	0.267775195	0.71723896	-0.022799892	-1.028743133	-1.116339983	2.38E-06	0.000173437
YGL02.542.C3	11.05881324	1.56927402	0.345178291	0.903860631	-0.115407289	-0.125919843	-1.062073286	1.93E-06	0.000152388

YGL02_GNYA1SO04IG4SE	4.345316115	1.568003929	0.177176005	0.633387208	0.191800732	-0.484686244	-1.384010474	1.07E-05	0.000451769
YGL02.14827.C1	8.486236929	1.56785261	-0.100452219	0.568901732	0.335835426	-0.483017834	-1.462064602	2.00E-07	3.67E-05
YGL02_GNYA1SO04IQ5B1	5.626520932	1.567839517	0.753807537	0.978517868	0.463259224	-0.640072316	-1.161402689	2.22E-05	0.00074683
YGL02.12065.C1	5.513389093	1.56763497	1.276314007	1.530724839	-0.229085701	-0.802707115	-0.966492404	1.70E-07	3.33E-05
YGL02.8807.C1	3.784669755	1.567552593	0.465613036	0.573341395	-0.059962087	-0.446747918	-0.526738216	7.20E-05	0.001682011
YGL02.13654.C1	5.628842843	1.567206077	1.809009483	-1.007512608	0.011554046	-0.971299261	-1.629210336	0.005931122	0.038340109
YGL02.10267.C1	6.330539527	1.567064301	0.250376709	0.475773724	-0.474244707	-0.877531216	-1.543429171	2.10E-05	0.000718829
YGL02.13982.C1	5.645900254	1.567023129	-0.250171694	0.269412905	0.03697828	0.345993759	-0.760380623	1.10E-05	0.000460648
YGL02_GNYA1SO04JCI0J	4.390879532	1.566351526	0.449156746	0.819682676	-0.218913513	-0.508505062	-0.617575195	0.004233738	0.030008173
YGL02.12455.C1	4.047974493	1.566205309	1.045417188	1.400269707	-0.256445312	-1.386209774	-1.499655935	0.000448541	0.006047379
YGL02_GNYA1SO04JDTCS	3.650445302	1.564756966	0.496155087	0.422486449	-0.792870895	-0.307640744	-0.698971304	0.002810624	0.022395071
YGL02_GNYA1SO04IEORC	6.090987808	1.564655755	0.247524885	0.439767834	-0.001694947	-0.153020701	-1.202561451	3.47E-07	5.16E-05
YGL02_GNYA1SO04H2AJP	7.226895058	1.564464496	-0.261682483	0.14879897	0.231890599	-0.582264965	-0.893534158	4.34E-06	0.000253244
YGL02.12485.C1	5.345808782	1.564332232	0.517132387	0.931638692	-0.334242564	-0.355741338	-1.299684501	4.15E-07	5.74E-05
YGL02.5835.C1	3.570138774	1.564319844	-0.376433511	-0.078055176	-0.099280471	-0.218223615	-1.419412696	0.00072229	0.008512306
YGL02.19410.C1	4.043434056	1.563716839	-0.124462505	-0.112008479	-0.335202765	-0.081766903	0.104574667	0.000967714	0.010474494
YGL02.3067.C1	6.056198693	1.563242548	0.402858329	0.391692958	0.019625846	-0.474551142	-0.338430238	8.36E-08	2.33E-05
YGL02.10948.C1	6.115411649	1.562737611	0.237358076	0.764936831	0.668140605	-0.680120798	-1.179889999	3.47E-05	0.001017185
YGL02.2445.C2	4.582341824	1.562631232	-0.309799648	0.724421097	-0.257258169	0.276548788	-1.023402794	9.65E-06	0.000424193
YGL02.1762.C1	5.550451821	1.562488319	0.65475216	1.585586876	0.228486001	-0.591568203	-1.745895778	1.35E-07	2.92E-05
YGL02_GNYA1SO04JVCWU	4.511503507	1.561815794	0.561665854	0.494238388	0.447443493	-0.484544855	-1.129697824	0.000636388	0.007762887
YGL02.1212.C1	5.686456288	1.560461082	0.807042747	1.409040047	-0.023284867	-0.805792773	-1.296151089	1.07E-06	0.000105358
YGL02.7452.C1	5.400573483	1.560439617	0.038077086	-0.202276641	0.346349036	-0.204719767	-1.618242893	0.000156299	0.002886539
YGL02_GNYA1SO04IYSXW	4.725928033	1.560264994	0.249717291	0.25514719	0.567242139	-0.268876319	-0.516892274	8.24E-06	0.000384627
YGL02.7735.C1	4.169146824	1.55998142	0.908082472	1.828042176	0.14091253	-0.86065692	-1.693644035	3.19E-05	0.000960826
YGL02.8982.C2	6.275033694	1.559556829	0.582414999	1.12338835	-0.26599296	-0.470552899	-1.060398775	1.11E-08	8.44E-06
YGL02.10832.C1	3.186033042	1.558819177	0.627010961	1.49706686	-0.097308758	-0.930818511	-2.122972689	0.000644376	0.007836136
YGL02.1795.C1	7.051641019	1.558180154	0.015360524	0.046233005	-0.340715811	-0.141655015	-0.240630656	2.20E-07	3.88E-05
YGL02_GNYA1SO04JDPG0	3.635275504	1.55779111	-0.089813585	1.603308175	0.240116965	0.356592358	-1.411084605	0.001105079	0.011491634
YGL02_GNYA1SO04JE5CC	5.026258511	1.557183495	-0.134274349	0.524251267	-0.816538966	-0.171576941	-0.922187372	0.005150691	0.03462793
YGL02_GNYA1SO04IUFEO	4.46077869	1.557023498	0.592868929	0.609560425	-0.244737235	-0.935337778	-0.892739589	5.21E-05	0.001337414
YGL02_GNYA1SO04JFTYY	2.913699046	1.556652329	0.072528332	0.153762974	0.323580585	0.192306283	-1.395905537	0.006478972	0.040806029
YGL02.11370.C1	7.067660149	1.556546388	0.441613809	0.714871274	-0.430616934	-0.415285398	-1.191490694	6.43E-08	2.06E-05
YGL02_GNYA1SO04IPT8K	6.306804024	1.556185818	0.822349548	0.872376825	-0.213931529	-0.312499234	-1.285501666	1.18E-05	0.000481228
YGL02_GNYA1SO04IZF0G	7.310478193	1.555995393	0.218711688	1.190161018	-0.330963908	-0.707816078	-1.254811467	5.67E-10	3.19E-06
YGL02.13033.C2	8.278877839	1.555351335	0.005436744	1.031857637	-0.108051289	-0.39361028	-1.602002937	1.36E-08	9.39E-06
YGL02.14582.C1	2.960417406	1.555147242	-0.189942951	0.456363383	0.127397367	-0.765637385	-1.502755929	0.002048473	0.017834008
YGL02.8556.C1	4.059864625	1.554968432	1.167278456	2.217335054	0.024422209	-0.613572802	-1.60223612	0.00031493	0.004741425
YGL02_GNYA1SO04IOTYG	5.354089669	1.554712941	0.642162207	0.412079863	-0.331306957	-0.964542122	-0.951068237	3.82E-08	1.54E-05
YGL02_GNYA1SO04IU9AB	3.240595843	1.554543442	-0.164884154	0.342224529	0.056407526	-0.035620136	-0.734110222	0.000905628	0.010001436
YGL02_GNYA1SO04JL9Y3	5.401241385	1.55445977	0.364789143	0.701296649	-0.318306466	-0.969086774	-1.638990466	0.001496947	0.014279099
YGL02_GNYA1SO04J0DWK	6.290611107	1.554394775	0.06920006	0.264837773	0.084067355	-0.26994409	-0.429968145	2.17E-05	0.000734266
YGL02.16499.C1	6.377465483	1.554110939	1.124700205	1.341848279	0.068228303	-0.846601891	-1.428963082	2.12E-08	1.18E-05
YGL02.1999.C1	7.147214193	1.553976587	0.791541818	1.594573905	0.12513222	-0.054243916	-1.129324644	6.16E-08	2.05E-05
YGL02.7215.C1	4.290850759	1.553124804	0.786809916	-0.115022687	0.032540553	-0.882908108	-0.590508827	0.002943891	0.023107493
YGL02.22693.C1	3.880537388	1.552285472	-0.002281806	0.313317209	-0.094794447	-0.054119567	-0.911662283	0.000284291	0.004406857
YGL02.10008.C1	3.624476283	1.551943623	0.566092885	1.637646516	-0.136590254	0.10542835	-1.024444711	5.08E-06	0.000280334
YGL02.2418.C1	6.471309374	1.5514742	0.234874947	1.214154629	-0.177469876	-0.498142716	-0.95461831	1.04E-06	0.000103797
YGL02_GNYA1SO04JW1V6	2.70953484	1.55141555	0.021182413	0.695273976	0.211981466	-1.516518697	-2.068527467	3.00E-06	0.000199654
YGL02.5615.C1	7.110906359	1.550907883	0.257947307	0.61851701	-0.458284803	-0.429611832	-1.21183243	9.65E-08	2.53E-05
YGL02.6326.C1	6.91932997	1.550790746	0.769335812	1.329060752	-0.032314074	-0.783530086	-1.747302574	1.18E-07	2.76E-05
YGL02.10391.C1	4.158468942	1.550461668	0.655927252	0.6338086	0.024866726	-0.879595854	-0.396432055	0.000438032	0.005945307
YGL02_GNYA1SO04IITCZ	4.817364511	1.550192686	-0.405919241	0.300319379	-0.000280289	-0.063751906	-0.819003	0.001585683	0.014888526
YGL02.14671.C1	5.704912396	1.550187393	0.568776135	0.832650551	-0.061758999	-0.939601711	-1.01352027	2.13E-05	0.000724344
YGL02_GNYA1SO04JZALM	4.746010784	1.549743874	0.552228383	1.624808967	-0.103317574	-0.588940901	-1.2905669	0.00249665	0.020553762
YGL02_GNYA1SO04IGVQV	4.633434397	1.548936616	-0.30978908	-1.01450836	-0.057003593	0.044582931	0.403008813	0.000506716	0.006580708
YGL02_GNYA1SO04JKNCS	3.175752765	1.548464564	-0.070912798	1.008823493	0.75240781	0.033485397	-0.919785539	0.004473694	0.03121914
YGL02_GNYA1SO04IQY7M	5.705728283	1.548397785	0.610891646	0.310920969	-0.09678583	-0.856754791	-1.230201302	4.39E-06	0.000255296
YGL02.4038.C1	2.795467618	1.548037065	0.210094242	1.262917657	0.099417392	0.065285862	-1.22133343	3.78E-05	0.001080007
YGL02.6272.C2	6.34254625	1.547672205	-0.05764519	0.363321207	-0.024795312	-0.385740359	-1.096924598	6.34E-07	7.52E-05
YGL02.8792.C1	2.993149519	1.547431452	0.255468488	-0.167252334	0.172077886	-0.969643677	-1.463115411	1.13E-05	0.000470117
YGL02_GNYA1SO04ISE4V	2.78009183	1.547358308	1.182367559	1.820095318	0.537216599	-0.336991952	-1.979847601	0.001945643	0.017221196
YGL02.11759.C1	5.167753412	1.547134458	1.390601165	1.268858284	-0.396536659	-0.824932609	-0.894729229	9.72E-05	0.002082857
YGL02.3584.C1	7.248577396	1.546787359	0.472285536	1.322324321	-0.188745406	-0.647398678	-1.681909276	3.51E-08	1.48E-05
YGL02_GNYA1SO04IP8CX	3.151821458	1.546737627	-0.011833607	-0.545721476	0.325074416	-0.793027634	-0.726794461	0.004123894	0.029455889
YGL02.6955.C1	4.194948466	1.545952706	0.114301404	-0.293196408	-0.313695159	-0.38145389	-0.2290217	0.002923473	0.023015587
YGL02_GNYA1SO04ID78N	4.396904504	1.545554982	0.508753286	0.493676437	0.352961631	-1.380839541	-2.345582799	0.000130475	0.002549597
YGL02.16906.C1	4.08990568	1.545286052	0.83012651	1.003116026	-0.117626227	-0.970502377	-1.083056962	0.000406577	0.005655905
YGL02_GNYA1SO04JCAKA	6.938143258	1.545261274	-0.017085731	0.522088363	-0.041774876	0.119981887	-0.303506996	2.66E-08	1.33E-05
YGL02_GNYA1SO04I87VU	7.137641516	1.545204801	0.486985048	1.467698225	0.284764374	-0.493493213	-1.766750531	2.47E-06	0.000177178
YGL02.5627.C1	5.641244589	1.545182412	-0.080369687	0.837162794	0.24999691	-0.029904967	-0.859873304	1.57E-06	0.000134346
YGL02_GNYA1SO04IFN16	3.252723341	1.544944624	0.33130118	2.097046613	0.009498588	-0.065931092	-1.804924344	0.005945808	0.038398851
YGL02.1624.C1	8.689334292	1.544861959	0.232640503	0.479818511	0.264541896	-0.267740711	-0.641440465	1.07E-09	3.26E-06
YGL02.4882.C1	3.804016785	1.544532533	0.060540509	1.694960796	0.364399019	-0.22950229	-1.718896579	3.14E-05	0.000949799
YGL02.9179.C1	7.38865169	1.544449837	0.063709301	0.283568968	0.044619602	-0.250767495	-0.570965512	5.11E-07	6.52E-05
YGL02.15615.C1	4.008263117	1.544178636	-0.321867007	-0.458876305	-0.46305434	0.022506612	-0.004359805	6.36E-05	0.001536605
YGL02.377.C1	3.807104643	1.54384843	-0.615386406	-0.611200902	0.19596958	0.324948519	-0.243436343	0.000404811	0.005639827
YGL02_GNYA1SO04IGC7G	5.719311397	1.543580891	-0.050657324	0.012874491	0.081692864	-0.114791667	-0.350455753	4.84E-06	0.00027153
YGL02.9881.C1	2.907873128	1.542853064	-0.022004246	1.461771383	-0.042413014	-0.338023073	-1.591667601	0.00037072	0.005302924
YGL02.23135.C1	6.908416041	1.542614459	0.509868043	0.809082423	-0.091129035	-0.56750987	-0.878682406	5.74E-08	1.98E-05
YGL02_GNYA1SO04IGGLX	2.975230609	1.542119337	0.244437278	0.059573058	0.233789666	-0.9964953	-1.436604277	0.000968713	0.010480925
YGL02_GNYA1SO04JSQMF	6.542167507	1.541442238	0.380010371	1.287775678	-0.196730642	-0.866299635	-1.863809974	4.19E-05	0.001155865
YGL02.6132.C1	6.493208796	1.541145909	0.122101627	0.901257917	0.004854735	-0.456445709	-1.032464581	3.61E-08	1.50E-05
YGL02_GNYA1SO04I9AEI	7.960169177	1.540952258	0.094279789	0.58989892	-0.095351462	-0.107462961	-1.307757549	1.39E-06	0.000123898
YGL02_GNYA1SO04I1QGE	8.54467026	1.540752402	-0.32262484	0.101546663	0.117116952	-0.071373388	-1.274938093	1.95E-06	0.000153672
YGL02.1947.C1	9.182874996	1.540001574	-0.231294673	-0.083839707	0.00354217	0.094729485	-0.055516408	2.71E-05	0.000855624
YGL02_GNYA1SO04I5UP1	9.208297853	1.538210162	0.293528238	1.299890265	0.334873308	-0.541856025	-1.241063184	1.43E-07	3.03E-05
YGL02.6271.C1	6.342686912	1.538183689	0.476113596	0.793935012	0.250392004	-0.428693157	-0.802532196	4.26E-06	0.000250315
YGL02_GNYA1SO04JE4VP	5.058371303	1.538169314	1.602119188	1.713689646	-0.012342625	-1.649888278	-1.625987823	0.003667451	0.027049033
YGL02.501.C1	9.776231423	1.536406658	0.286372142	0.020900672	-0.221268454	-0.144412986	-0.453796576	0.000167937	0.003033419

YGL02.20846.C1	3.638885981	1.536150629	0.039088372	0.011404775	-0.407168977	-0.269096519	-0.096439128	0.002381829	0.019880222
YGL02.3966.C1	3.492189079	1.53607732	0.485195086	0.567351131	0.110113869	-0.325625178	-1.101685839	0.001461185	0.014039192
YGL02_GNYA1SO04IIG4H	5.192090127	1.535751309	0.166314052	0.379940125	0.224794472	-0.813023504	-1.302119133	3.28E-07	4.97E-05
YGL02_GNYA1SO04IT9JV	4.060320763	1.535636682	0.11773498	1.641208926	-0.241401349	-0.204795747	-1.500441474	0.002339668	0.0196181
YGL02_GNYA1SO04IHPMU	5.856184725	1.535275221	0.123582153	0.394217786	0.227849387	-0.255331867	-0.469142883	1.55E-06	0.000133423
YGL02_GNYA1SO04JTN0U	2.641722128	1.534581012	0.2226768	-0.000885621	0.270691139	-0.970104612	0.04877062	0.001270588	0.012686324
YGL02.2244.C1	4.710613329	1.534206102	0.699409201	0.685072969	-1.188688614	-0.517851788	-1.375278534	0.00591704	0.038287303
YGL02.22377.C1	4.74972037	1.532934031	0.395434167	0.788906651	-0.135268078	-0.342461446	-0.590741774	0.000247666	0.003985429
YGL02_GNYA1SO04JDJQ3	3.228747404	1.531854764	-0.134236292	0.672478547	-0.046079589	0.523809695	-0.01951306	0.006508486	0.040930202
YGL02.3531.C2	4.106886377	1.531044365	0.026526389	0.793094973	0.263506606	0.046784708	-0.559498201	0.000163229	0.002972127
YGL02_GNYA1SO04JCVJW	5.623075854	1.530816551	0.368296989	1.1527814	-0.53577606	-0.69385512	-2.04056773	0.001976141	0.017413303
YGL02_GNYA1SO04JP6AC	4.098297322	1.530326092	-0.305498904	0.675937717	-0.627943256	0.025051833	-1.083103115	0.00757487	0.045696877
YGL02_GNYA1SO04I2EK2	5.937578923	1.530220604	0.182106038	0.88036683	0.204264183	0.038604714	0.008894926	2.22E-06	0.00016601
YGL02_GNYA1SO04JCDT9	8.73483047	1.530146494	0.032964534	0.591106599	0.229810888	-0.638881042	-1.511279388	3.60E-08	1.50E-05
YGL02_GNYA1SO04JP2LS	3.92200238	1.529652768	0.397805833	-0.081067114	0.351173598	-0.578425456	-0.271920999	0.001786819	0.016216157
YGL02_GNYA1SO04J0ZBG	3.941106028	1.528161426	1.374041698	2.363856676	0.036727681	-0.817063606	-1.864546608	0.000149128	0.002797994
YGL02_GNYA1SO04H1QPF	5.304060988	1.528098428	0.278472957	0.773266106	-0.041813168	-0.568195015	-1.04280146	1.05E-06	0.000104252
YGL02_GNYA1SO04JE3CV	4.087161795	1.52761759	-0.329722823	1.428309602	0.038350413	0.177516402	-1.323297114	0.002857117	0.022654322
YGL02.50.C3	4.641431934	1.527545332	0.977979745	1.165926083	0.449252686	-0.254812301	-0.765728131	1.15E-05	0.000472746
YGL02_GNYA1SO04IDROU	4.78739456	1.527075726	-0.74820292	0.170533726	0.272732096	0.051248315	-0.038395816	0.008522636	0.04967426
YGL02.7023.C1	8.273452736	1.526688574	0.119256221	0.408593537	0.126427891	-0.37916651	-0.936839883	5.10E-08	1.88E-05
YGL02.946.C1	3.339182483	1.526622168	0.154503152	-0.332963279	0.24503944	-0.766068286	-0.533786637	0.002414328	0.020069983
YGL02_GNYA1SO04IC1FS	7.016456389	1.526533588	0.528877463	0.917409559	-0.060045176	-0.339200785	-0.890110894	1.14E-07	2.72E-05
YGL02.4347.C1	8.327419175	1.526336739	0.336347578	0.24094868	-0.015992008	-0.6058642	-0.014943181	2.43E-06	0.000175723
YGL02.6585.C1	7.459668904	1.525999154	0.513324716	1.149046004	-0.001839657	-0.500022884	-1.212283027	2.15E-08	1.18E-05
YGL02_GNYA1SO04IIH8S	6.487948835	1.525874294	0.719146874	1.576063337	0.250190804	-0.222813021	-1.360619879	3.65E-09	5.56E-06
YGL02.11647.C1	5.555579228	1.524369964	0.616125891	1.088099929	-0.120900711	-0.933507744	-1.657080337	3.96E-05	0.001113543
YGL02_GNYA1SO04H6Y1W	4.705330186	1.524360157	-0.044688814	1.46961454	0.352802659	0.097145094	-1.748056794	9.15E-05	0.00199706
YGL02_GNYA1SO04I75XO	7.972500454	1.523751017	-0.142101247	0.493145528	-0.239199497	-0.30738124	-0.532590763	2.75E-06	0.000188804
YGL02.1734.C2	6.326218443	1.523100887	1.247328654	1.568398368	-0.02545268	-0.744579498	-1.1598328	1.77E-06	0.000144676
YGL02_GNYA1SO04I0I90	3.37276287	1.522942387	-0.35993398	1.196280881	-0.060737356	0.301621828	-1.227709547	0.000638089	0.007778841
YGL02.9771.C1	4.485972464	1.522399177	0.542645733	0.778384883	-0.527911288	-0.247143613	-0.360633241	1.18E-05	0.000482589
YGL02.3512.C1	6.820159087	1.522386403	0.082151264	0.515532648	-0.015634647	-0.21881035	-0.915187747	2.20E-08	1.20E-05
YGL02_GNYA1SO04JYYYA	4.752243587	1.5219822	0.859217091	0.65372779	0.64130755	-0.809151769	-1.490942272	6.57E-06	0.000330918
YGL02.7870.C1	4.587400904	1.521768213	-0.294514087	-0.063283624	-0.143993827	0.008722923	-0.355504937	0.000504618	0.00656028
YGL02.4583.C1	5.172099206	1.521758203	-0.246560506	0.112643456	-0.067779858	-0.505028243	-1.045635063	2.96E-06	0.000198116
YGL02_GNYA1SO04JKSMZ	5.005113191	1.521586594	0.250761245	0.536864015	0.33842058	-0.490793748	-0.769153473	0.000321573	0.004802555
YGL02_GNYA1SO04H8AWC	2.877286896	1.520944159	0.304546243	1.653658596	-0.023215928	-0.673181185	-0.988679308	0.002579601	0.021033
YGL02.8151.C1	5.666138555	1.520898591	0.796943491	0.913604897	0.172011419	-0.638573343	-1.201450225	6.32E-06	0.000322136
YGL02.22885.C1	5.757477532	1.520842518	0.982517426	1.317678516	-0.159671974	-1.073103342	-1.004778412	1.38E-05	0.000536498
YGL02.6806.C1	7.780145165	1.520800052	0.871136442	1.524587782	-0.090217129	-0.397446405	-1.28141091	7.99E-07	8.77E-05
YGL02.13526.C1	2.844715327	1.52071356	0.038692952	0.417520816	0.024582752	-0.126341199	-0.2906601	3.21E-05	0.000963905
YGL02.11039.C1	5.83699992	1.520665036	0.133504164	0.852651339	-0.012194152	0.015665687	-0.578896653	5.27E-06	0.000287379
YGL02.23451.C1	4.447802638	1.520647437	0.121548235	0.582143689	-0.257088566	-0.052937075	-0.584725416	5.10E-05	0.001318955
YGL02.21443.C1	5.518702154	1.520395088	0.837159865	0.931159557	0.049803157	-0.534815918	-0.97854612	1.82E-07	3.49E-05
YGL02_GNYA1SO04JY10D	5.167273773	1.520160731	0.066729072	0.94046481	-0.359619418	-0.584507059	-1.637913444	0.000251065	0.004024812
YGL02.11854.C1	7.383526194	1.519559302	0.556751208	1.075130767	-0.215247072	-0.751457727	-1.350918463	3.95E-06	0.000238989
YGL02_GNYA1SO04II6GI	7.702911413	1.519537428	0.716268556	0.658021072	-0.275798002	-0.647111886	-1.020932213	7.93E-07	8.73E-05
YGL02.4216.C1	3.333455605	1.519270787	1.741546375	1.333558654	-0.289761605	-0.758807446	-0.693749913	5.90E-05	0.001460558
YGL02.2968.C1	5.714227834	1.519132297	0.343523938	1.363346493	-0.241538108	-0.046594825	-0.891704537	8.49E-07	9.16E-05
YGL02.15299.C1	6.473376479	1.519035992	0.162125449	0.950748472	-0.194034444	-0.674145189	-1.26207317	2.51E-06	0.000178995
YGL02.3863.C1	2.724386498	1.518597126	0.184703273	0.003671496	0.211939559	-1.382614704	-1.376520685	2.95E-05	0.000910981
YGL02_GNYA1SO04I6U0C	5.852114221	1.518473781	-0.065616233	0.533050393	0.008630038	-0.498539262	-0.618512575	0.000156297	0.002886539
YGL02.14320.C1	6.052398707	1.518095782	0.63692172	0.917845744	-0.007267884	-0.608639223	-0.605494395	4.06E-07	5.68E-05
YGL02_GNYA1SO04I8Q62	4.861535331	1.518064135	0.268448656	1.454689118	-0.200696362	-0.772115462	-1.593396775	0.000432543	0.005894899
YGL02.888.C1	4.860000195	1.5174392	0.102953801	0.968914348	0.758296746	-0.341502124	-1.247940882	1.20E-07	2.77E-05
YGL02_GNYA1SO04JLR9E	4.939477623	1.517093585	-0.07870887	0.734923643	-0.33881322	0.34659001	-0.440655938	0.000395428	0.005551509
YGL02_GNYA1SO04I5VWT	7.014837951	1.517092063	0.159654575	0.762622388	-0.323047383	-0.417038054	-0.930791609	0.000395878	0.005556008
YGL02.12199.C1	4.590069243	1.515715975	1.00903525	0.379482344	0.000777486	-1.165980371	-0.774758777	4.82E-05	0.001272546
YGL02.4337.C1	3.951132585	1.515590448	0.346085709	1.363814692	-0.017449672	-0.419418856	-1.620609563	0.000766113	0.008882617
YGL02.50.C1	7.073210038	1.515214146	0.526716218	0.901796952	0.219434883	-0.311459646	-0.881880409	5.16E-08	1.89E-05
YGL02_GNYA1SO04JPJML	3.08936157	1.514871231	0.412376217	1.307730258	-0.05242065	-0.752705324	-0.337784612	0.007396968	0.044918694
YGL02.1273.C1	4.924898437	1.514710973	0.077299436	0.627309521	-0.205843926	-0.349788399	-0.640681884	5.20E-06	0.000284753
YGL02_GNYA1SO04JN6FJ	5.0160914	1.514652368	0.275288968	1.307191459	0.171943002	-0.176841147	-1.015098731	0.000810107	0.009239328
YGL02.13493.C1	5.986966012	1.51464001	0.023576653	0.050206678	0.489039484	-0.808721202	-0.726906115	4.38E-07	5.95E-05
YGL02.4344.C1	3.937044649	1.514599512	-0.339347818	0.86155593	0.552807774	-0.314347819	-1.211813754	0.004470391	0.031204502
YGL02_GNYA1SO04I2OSK	2.269450134	1.514336445	0.019960307	0.252632349	0.905029073	0.028263428	-0.72546246	0.00174789	0.015968339
YGL02.991.C10	6.91291598	1.514032293	0.433317433	0.995018711	0.112706519	-0.382856326	-1.306284324	7.47E-09	7.09E-06
YGL02_GNYA1SO04IDCDE	4.365724193	1.513541715	0.270176748	-0.462502039	0.167677517	-0.410138356	-0.34176213	0.004102726	0.029332197
YGL02.2926.C1	8.044494802	1.513403609	0.195353305	1.628336131	-0.087743872	-0.287359168	-1.348680124	7.57E-08	2.21E-05
YGL02.11889.C1	4.602256829	1.513372311	1.00209702	0.645140801	0.134697677	-1.371366332	-0.919475542	1.96E-05	0.000684131
YGL02_GNYA1SO04IG6TN	5.423316805	1.512867008	0.062095077	0.816205374	-0.509946154	-0.534070472	-1.440074822	3.99E-05	0.001119751
YGL02_GNYA1SO04I4QBS	3.495865565	1.512282582	0.203907547	1.713943761	-0.58482015	-0.317995243	-1.773063157	0.004324683	0.030463283
YGL02_GNYA1SO04JCU4S	2.524016062	1.512020959	0.13664471	0.279479027	0.616166827	-1.164402134	-1.407891292	0.001891868	0.016866514
YGL02.6950.C1	4.395414129	1.51187092	0.835595913	0.004297932	-0.361939849	-0.20855164	-0.498084605	0.001058429	0.01115432
YGL02.9677.C1	6.274663302	1.511475078	0.26664578	1.183511704	0.109097021	-0.232834573	-1.191551776	1.93E-09	3.82E-06
YGL02_GNYA1SO04JY3B1	5.291056347	1.511283232	0.553522868	1.154172488	0.111175297	-0.021265043	-0.6793431	1.55E-07	3.14E-05
YGL02.13314.C1	2.603170751	1.511269959	0.304560898	0.698642292	0.619339906	-0.551587493	-0.380509263	0.001989773	0.017496522
YGL02.23444.C1	6.250350731	1.511178418	0.421248093	0.907825076	0.394345528	-0.495856136	-1.425093877	0.000365219	0.005246268
YGL02.19401.C1	6.564270794	1.511038821	0.353098957	0.526030019	0.193441463	-0.514719355	-0.969151125	6.20E-06	0.000318215
YGL02_GNYA1SO04ILRHA	5.890361107	1.510454379	0.15307787	0.769747276	-0.021667988	-0.279551413	-0.821015806	8.09E-07	8.84E-05
YGL02_GNYA1SO04IXT08	4.159191861	1.509278833	0.174528845	-0.266764256	0.33612566	-0.892448353	-0.632481504	0.001261364	0.012625543
YGL02.11978.C1	3.745107531	1.508893243	0.57129786	2.006497174	0.466445923	-0.997439013	-1.354372325	0.001629126	0.015174298
YGL02_GNYA1SO04JRIKZ	5.23724321	1.508820537	0.468280196	0.841846528	0.194407079	-1.227720718	-1.073160186	1.76E-05	0.000630954
YGL02.17829.C1	6.253710695	1.508279903	0.296673239	0.796836697	-0.280534015	-0.339956495	-0.819867072	1.20E-06	0.000114311
YGL02_GNYA1SO04JEA44	4.524286132	1.507416108	-0.213315931	2.155015032	-0.234882276	-0.093948602	-1.287474577	0.002174177	0.018617419
YGL02.8483.C1	7.106340988	1.507315779	0.194879243	0.385983858	0.080897824	-0.533589224	-0.644399191	1.44E-08	9.69E-06
YGL02_GNYA1SO04JPY0R	7.988517339	1.50720677	1.243089731	1.305169706	-0.086262428	-0.510284205	-1.248090754	8.92E-09	7.48E-06
YGL02.8034.C2	6.43844251	1.507090364	-0.104787203	0.523697186	0.223738559	-0.139482379	-0.9586586	0.001549928	0.014660159
YGL02_GNYA1SO04I8WGO	4.137768359	1.507085889	0.619202843	1.009199283	-0.479475411	-0.809252743	-1.047062415	0.001480672	0.014166746

YGL02.13666.C1	4.35097519	1.506409659	0.630350002	0.884068916	-0.166037833	-0.96578772	-0.400677261	5.36E-06	0.000290559
YGL02_GNYA1SO04JV0M2	4.185971507	1.506275688	0.596161661	1.317450291	-0.249142684	-0.13495083	-1.11391204	0.001646644	0.015287983
YGL02_GNYA1SO04JHAW8	5.618004621	1.50625613	0.318603571	0.868247002	-0.231219801	-0.342333844	-0.585578733	4.03E-05	0.001128258
YGL02.23397.C1	4.481451053	1.506043111	0.324651847	-0.486972942	-0.001057977	-0.530810877	-0.651182554	0.002140955	0.018399826
YGL02_GNYA1SO04JTFQ4	5.896752019	1.504179849	0.353701207	1.055468584	-0.056551359	-0.5522541	-1.141000374	4.58E-06	0.000262169
YGL02_GNYA1SO04JRG80	4.391794304	1.503930266	-0.615584137	0.809888627	-0.227062292	-0.148224001	-1.372478083	0.000980585	0.010569633
YGL02.9741.C1	4.805068352	1.50385399	0.298628605	0.978599032	0.267631918	-0.533361928	-1.547312032	0.001785274	0.016210149
YGL02.7712.C1	5.579829591	1.503663067	-1.470879358	0.094153378	-0.130469093	0.807578639	-0.831096629	0.004683071	0.032295687
YGL02.19373.C1	8.890290294	1.50359982	0.007916232	0.078031037	-0.048836605	-0.562342005	-1.432627063	9.87E-06	0.000430785
YGL02.1355.C2	7.522506163	1.503103856	0.788735603	1.324885674	0.011930897	-0.501882374	-1.763965574	4.65E-05	0.001241552
YGL02.18996.C1	2.922800201	1.502876347	0.537918199	-0.06536793	0.505255931	-1.112946732	-1.166173242	0.000348162	0.005080714
YGL02_GNYA1SO04H6LWE	4.533425523	1.502469769	0.640840286	0.665105686	-0.510114839	-0.610754034	-1.113051269	8.48E-05	0.001890429
YGL02.4871.C1	6.208689965	1.502415179	0.582006146	0.987478618	0.126190961	-0.343160069	-0.880159546	4.58E-09	6.11E-06
YGL02.20830.C1	7.253058764	1.501107317	0.232380705	0.98748045	0.121752913	-0.579597523	-1.030049282	6.03E-07	7.26E-05
YGL02.18460.C1	7.896760154	1.500085725	-0.432972018	0.672350596	0.722816382	-0.469366906	-1.26364433	7.27E-06	0.000352798
YGL02.12716.C1	3.051109517	1.500071278	0.352326628	0.357234791	0.227788349	-0.44129381	-0.642390931	0.000194335	0.003362631
YGL02_GNYA1SO04IB1IV	10.3116224	1.500040127	-0.368537917	-0.203408878	0.249459376	-0.242445356	-1.139548782	0.000112279	0.002298795
YGL02_GNYA1SO04I4HCV	5.060531968	1.49988034	0.242736202	0.90967814	0.267002791	-0.241192102	-1.073475848	0.000109774	0.002265056
YGL02_GNYA1SO04I5KF5	3.135519549	1.499530253	-0.026991765	1.135250156	-0.126009091	-0.180755009	-1.262032788	5.98E-06	0.000311172
YGL02.23547.C1	3.22863425	1.499335335	0.122743899	-0.214659564	0.032894801	0.02285887	0.169594035	4.19E-05	0.001157416
YGL02.10548.C1	6.073650705	1.498448038	0.500432246	0.372787008	0.076878105	-0.461089021	-0.419062563	3.51E-07	5.19E-05
YGL02.7227.C1	5.316678767	1.498191406	1.072157202	1.524738923	0.209048059	-0.789525497	-1.472092968	2.03E-05	0.000701994
YGL02_GNYA1SO04IJWHS	5.598391578	1.497412054	0.792606854	1.306270583	-0.250917711	-0.915087093	-1.205044495	1.36E-05	0.000527722
YGL02.6531.C1	7.03084968	1.497379383	-0.030472245	0.438050116	0.078851405	-0.570716095	-0.387348651	8.51E-06	0.000391762
YGL02_GNYA1SO04JX0BI	6.723965502	1.497307664	0.087506284	0.083437835	-0.120397415	-0.111408111	-0.330821411	6.39E-07	7.56E-05
YGL02.17260.C1	5.690805981	1.49702508	1.112040505	2.274676982	-0.318628261	-0.73622004	-1.946372033	5.38E-06	0.000291219
YGL02.112.C2	4.567898843	1.496732821	0.282450682	0.918171706	0.039920246	-0.311134207	-0.751968331	4.14E-06	0.000246672
YGL02.6767.C1	8.976755602	1.49620148	0.069861018	0.651318413	-0.083518543	-0.221061771	-0.75496325	6.46E-09	7.01E-06
YGL02.5057.C1	7.386673612	1.495670386	-0.25422507	1.449585334	-0.113061377	-0.500384209	-1.629089238	9.20E-08	2.45E-05
YGL02.22679.C1	3.608408352	1.495632547	0.657853775	1.128039698	0.031202023	-0.906549416	-1.27744208	0.002052124	0.017848943
YGL02.18916.C1	5.940819095	1.495432238	0.221749794	0.942665519	-0.057482448	-0.411703758	-0.32529994	5.64E-06	0.000300253
YGL02_GNYA1SO04JD33H	4.244282789	1.494895989	0.819322173	1.771922998	0.42896115	-0.655663585	-1.409676722	4.98E-05	0.001299143
YGL02.10650.C1	3.072518259	1.494469428	-0.281928649	0.557188867	0.914159726	-0.14011922	-1.577869404	0.005477594	0.036212804
YGL02_GNYA1SO04I9LA1	6.822895524	1.49383568	0.094058161	0.876790512	-0.121927391	-0.45237646	-0.940422533	2.00E-07	3.67E-05
YGL02.15186.C1	2.895306899	1.493651691	0.555931039	0.24358881	0.186117157	-0.331292895	-0.722313117	0.001286631	0.012803123
YGL02_GNYA1SO04JS88S	4.731693124	1.492900634	0.501058491	0.233941874	-0.16844287	-1.002391842	-0.107796461	0.000309366	0.004681104
YGL02.9949.C1	3.19160296	1.492829095	0.625393849	0.283526319	0.284253908	-1.112510347	-0.969399973	0.003679558	0.027092355
YGL02_GNYA1SO04JBTU1	7.952883025	1.492713145	-0.447014235	0.642427856	0.740810369	-0.493910177	-1.267109292	2.86E-06	0.000194483
YGL02.20273.C1	5.402788845	1.491818819	0.570597405	0.917644015	0.597711236	-0.603086863	-0.828084958	1.19E-09	3.39E-06
YGL02_GNYA1SO04IWZHW	4.554397054	1.491708003	0.861256839	1.39724706	0.715068603	-0.845967401	-1.104932974	0.001238696	0.012465685
YGL02_GNYA1SO04IR90O	3.536284556	1.491216737	-0.378302974	1.13949073	-0.01210111	-0.657606464	-1.153806872	0.006322236	0.040085965
YGL02.2997.C1	4.618652088	1.490914624	0.721670411	1.032887391	-0.089038104	-0.57471888	-0.609540593	4.37E-05	0.0011907
YGL02.14308.C1	6.448132692	1.490638499	0.344709617	1.130106553	-0.113878095	-0.630625082	-1.725026024	2.28E-05	0.000759376
YGL02.9454.C3	5.259367465	1.490544018	0.917052525	1.055816902	-0.041242263	-0.02913223	-1.238658361	1.05E-05	0.000446573
YGL02_GNYA1SO04IISCM	7.346376431	1.489651258	0.280811319	0.465152744	-0.351712035	-0.463709521	-0.746492829	3.12E-07	4.85E-05
YGL02.5784.C1	5.46059393	1.489339274	-0.28964044	-0.210645976	0.15954911	-0.011406615	-0.520845671	1.61E-05	0.000596809
YGL02_GNYA1SO04JKEEF	7.31184254	1.489329825	-0.082988808	0.975766845	-0.394357771	0.068553008	-1.056377744	5.41E-07	6.78E-05
YGL02_GNYA1SO04IUN61	2.621861767	1.488503729	0.507685014	-0.007167889	0.231162119	-0.120373136	0.271340725	0.000206671	0.003504899
YGL02.18393.C1	3.071781354	1.488319451	0.537001989	0.487035612	-0.005830567	-1.540597886	-1.178969322	0.000183819	0.003228929
YGL02.22221.C1	4.909085172	1.48823102	0.425144439	0.569964452	-0.340135438	-0.640313472	-1.206759372	1.24E-05	0.000497091
YGL02.752.C1	2.900337261	1.488076637	0.692877957	0.67062292	0.36939957	-0.323827491	-1.017402008	0.003326577	0.025223049
YGL02.17099.C1	4.805120618	1.487931985	1.102984952	0.466614557	0.384761055	-0.236585932	-0.330017851	0.000284392	0.004406857
YGL02.19490.C1	6.819536111	1.487773054	0.307082381	1.325103694	-0.223132269	-0.421866074	-0.959596594	2.65E-08	1.32E-05
YGL02.3689.C2	4.953859768	1.486404074	0.161606916	0.389741102	0.303404467	0.019492886	-0.278592764	0.000312792	0.004718447
YGL02.5784.C2	5.432579756	1.486144102	-0.267267838	-0.044448991	-0.097672109	-0.40205466	-0.278994135	1.27E-05	0.000504946
YGL02.2585.C1	4.013763761	1.485917874	-0.506151424	0.400490403	-0.363160147	0.391967119	-0.844677643	3.23E-06	0.000209702
YGL02.4403.C2	7.697807674	1.485503495	0.408216188	0.900333469	-0.029393401	-0.35402342	-0.958451338	1.83E-09	3.69E-06
YGL02.11949.C1	6.382756984	1.485466946	0.51351191	0.874178591	0.580942712	-0.441582051	-1.255811254	3.21E-07	4.93E-05
YGL02.1348.C1	6.134529207	1.485419674	-0.162622554	0.755611703	-0.343119261	0.000883685	-0.751490311	1.35E-05	0.000526837
YGL02.12860.C1	3.81776912	1.485089458	0.612904133	1.297604286	0.283105161	-1.006283768	-1.839714334	0.004332274	0.030500166
YGL02_GNYA1SO04JEINM	4.23005644	1.485034037	1.230567126	0.893032564	-0.605065878	-1.45727642	-1.63772822	0.006219044	0.039635443
YGL02_GNYA1SO04JM64X	3.880908554	1.484757592	0.771726263	0.102866091	-0.940816027	-1.024667547	-0.069073651	0.000105872	0.002205994
YGL02.13537.C1	4.012429816	1.48446925	0.10517586	-0.713097762	-0.492540138	-1.428622907	-1.565512519	0.002135058	0.018362583
YGL02_GNYA1SO04JRK4X	5.450693797	1.484257023	-0.028325607	0.542556648	0.152219447	-0.539217621	-0.752423754	8.93E-07	9.40E-05
YGL02.3819.C2	5.503013234	1.484251696	0.168454781	1.072868976	0.250151212	-0.243093208	-1.096775938	3.77E-06	0.00023185
YGL02_GNYA1SO04IGFNK	4.779551551	1.484101934	1.469571432	1.186241642	-0.250404968	-1.174280297	-1.271501844	0.001272066	0.012693978
YGL02.22796.C1	5.717880551	1.483776635	-0.806784259	0.45077272	0.051047961	0.125363406	-1.033541717	5.02E-06	0.000278705
YGL02.17896.C1	5.813145209	1.48356418	0.06533965	0.19877952	0.039484027	-0.098137895	-0.465929459	2.42E-08	1.25E-05
YGL02.14686.C1	5.984132097	1.483389557	0.248573964	0.815452827	0.558390755	-0.39543292	-1.016621894	2.51E-07	4.20E-05
YGL02.1906.C1	5.03609014	1.483312155	1.139264877	1.495576637	-0.247314867	-0.803615406	-1.61437797	0.00015227	0.002834266
YGL02_GNYA1SO04I5VAV	2.976002881	1.483259864	0.484980718	0.179357119	0.09132886	-0.722593114	-0.581117766	0.000489257	0.00642703
YGL02.10727.C1	5.187534203	1.482621521	0.231125627	0.696877089	0.260339995	-0.812710903	-1.230295548	4.47E-07	6.02E-05
YGL02_GNYA1SO04I2V7D	5.654164367	1.481288705	-0.039110668	0.070762107	-0.137541733	-0.281879954	-0.281568832	3.27E-05	0.000977691
YGL02_GNYA1SO04H44Q8	5.917756005	1.480929979	0.606356816	0.244688734	-0.312624186	-0.369000479	-0.308951896	3.99E-05	0.001119492
YGL02_GNYA1SO04I9O07	2.860298294	1.480449173	1.328582661	-0.019930924	-0.035495374	-1.068541484	-0.883222732	0.006263471	0.039833313
YGL02_GNYA1SO04I78BY	5.053475106	1.480338493	0.875699926	0.567609804	-0.852489662	-1.060818668	-0.600659719	0.006690156	0.04176203
YGL02.15213.C1	4.092998762	1.480266794	0.191729403	0.309612885	-0.826488931	-0.587345019	-1.579769875	0.000166269	0.003010124
YGL02.14162.C1	6.177071632	1.480095295	0.941442356	1.106823855	-0.038327009	-0.338397252	-1.070468612	9.39E-07	9.71E-05
YGL02_GNYA1SO04JAA87	5.359544144	1.479696962	-1.552795792	1.106412322	-0.328609252	0.687488264	-0.54007707	0.005340991	0.03557264
YGL02.16142.C2	6.023764134	1.479163283	-0.183467989	-0.151037998	-0.098751291	-0.171707546	-0.325549667	1.70E-05	0.000618057
YGL02.21987.C1	4.349929357	1.47805306	-0.315375041	0.362178971	0.131405725	-0.295728444	-0.392557934	0.000621454	0.007630805
YGL02.15751.C1	4.938808216	1.478044106	-0.917738318	-1.130020709	0.190117676	-0.298079899	0.169360607	3.36E-07	5.05E-05
YGL02.21465.C1	3.552546841	1.47773833	0.155134907	0.308935478	-0.156861849	-0.586453516	-0.027114649	7.55E-06	0.00036251
YGL02.7831.C1	5.284460998	1.477540084	0.21672181	0.29260319	-0.31077683	-1.069652637	-1.134727142	0.005838617	0.03791519
YGL02.740.C8	7.483903686	1.477427542	-0.475949419	0.806652407	0.006476345	-0.275036452	-1.042048482	3.25E-07	4.96E-05
YGL02.4937.C1	7.897356243	1.477094983	0.131169384	0.525800519	-0.100314121	-0.445800489	-0.749668457	4.25E-08	1.63E-05
YGL02_GNYA1SO04H81Q6	6.630927768	1.476324677	0.359186156	1.070655467	-0.003667512	-0.394352191	-1.2634188	1.39E-07	2.98E-05
YGL02.20166.C1	6.250045406	1.476273107	-0.037803722	0.190885009	0.04087728	-0.050779259	-0.225083099	1.19E-06	0.000113211
YGL02.16144.C1	4.666699009	1.476049362	1.015567548	1.778966531	0.148566331	-0.833294471	-1.660891449	1.48E-07	3.07E-05
YGL02_GNYA1SO04H3105	7.53525776	1.475598073	-0.623007488	0.46737008	0.110522992	-0.945724944	-0.763154634	5.87E-05	0.001455574

YGL02_GNYA1SO04IQ15V	3.79313922	1.475348343	0.266463557	-0.127032908	0.333250434	-0.788879444	-0.766168634	0.000576534	0.007233087
YGL02_GNYA1SO04JKU69	4.694583445	1.475137603	0.1209669	-0.001659974	0.068381155	0.028502673	-0.300095936	0.001501948	0.014315079
YGL02.1857.C1	7.287009851	1.474553508	-0.045901688	0.722812042	-0.002348351	-0.551046769	-1.524510689	2.99E-07	4.71E-05
YGL02.13549.C1	7.160010318	1.474419032	0.78727165	1.249956588	-0.001756941	-0.306182807	-1.020722006	6.14E-08	2.05E-05
YGL02_GNYA1SO04JC8QE	6.511283239	1.473963753	-1.027695481	0.7074992	-0.49559715	0.377276764	-1.011006439	0.000598357	0.007419168
YGL02.13999.C1	6.188185957	1.473872203	-0.646595143	0.850683819	0.015217674	-0.040300193	-1.181465989	7.88E-06	0.000372461
YGL02.3404.C1	7.783532202	1.473807783	0.401829598	0.751938804	-0.073760588	-0.576926911	-1.053508139	5.87E-08	2.01E-05
YGL02.479.C8	4.25600989	1.47351814	0.397851384	0.825680786	0.359537907	-0.170578447	-0.737407359	8.24E-07	8.94E-05
YGL02_GNYA1SO04I2WOQ	9.964223094	1.473014226	-0.502412819	-0.033797204	0.27652346	-0.170481489	-1.213901185	0.000133363	0.002590413
YGL02.11585.C1	8.610145466	1.472987464	0.432459955	1.416107726	-0.083257229	-0.527874363	-1.35854524	5.02E-07	6.46E-05
YGL02_GNYA1SO04IONPI	6.339292517	1.47236398	0.473427282	0.90382976	0.153852569	-0.312933433	-0.804761527	1.44E-06	0.000126812
YGL02_GNYA1SO04H7OKX	3.996958427	1.472289376	0.537532914	1.265439923	0.134959798	-0.817474317	-1.24130812	0.004988482	0.033841352
YGL02.5499.C1	6.493187793	1.472156052	-0.37218651	0.402750562	-0.051335324	-0.343743667	-0.668177272	4.46E-06	0.00025807
YGL02_GNYA1SO04IM3HY	4.819634471	1.472093369	0.843507984	1.336787746	-0.162696997	-0.290094642	-1.132105585	0.002553855	0.02088624
YGL02.10066.C2	4.556692503	1.472040535	0.037731876	0.427577357	0.037711099	-0.231517745	-0.676094436	1.34E-05	0.000522778
YGL02_GNYA1SO04IDOF2	3.548739901	1.471900818	-0.717606271	-0.61895134	-0.050397754	0.475381484	-0.247753093	0.006102651	0.039124708
YGL02_GNYA1SO04IYHET	3.337168487	1.471630516	-0.246701987	0.971938489	-0.125659143	-0.35472837	-1.047091281	0.000464	0.006197805
YGL02.10054.C1	2.975537361	1.47110556	0.124847616	0.114101255	0.042624682	-0.924928363	-1.405585811	5.57E-05	0.001403329
YGL02_GNYA1SO04IXHLM	7.98818521	1.470864922	-0.670174996	0.874093602	-0.322507708	-0.213939159	-1.205961897	2.89E-05	0.000898619
YGL02.12714.C1	10.95145216	1.470661956	0.148058207	0.894688563	-0.018212132	-0.272953671	-0.696033199	8.13E-10	3.26E-06
YGL02.11760.C1	2.996907499	1.470423323	0.356662899	1.262081662	-0.124370176	-0.368324992	-1.23061257	0.000148971	0.0027964
YGL02_GNYA1SO04H2TBQ	7.182533031	1.469558771	-0.686427021	0.137879354	0.205074324	-0.272752483	-1.06120759	0.000101231	0.002143032
YGL02.14515.C1	3.469978372	1.468702526	0.15514343	1.122538921	-0.179491593	-0.389595255	-1.553134237	0.005606241	0.03683917
YGL02_GNYA1SO04IEMW3	6.267222643	1.468626581	-0.359768158	-0.168723438	-0.182653829	-0.165401763	-0.469760672	1.40E-05	0.000540107
YGL02_GNYA1SO04H0DVU	3.647712711	1.468614981	-0.17970489	0.534560093	0.209377485	-0.061660064	-0.761245049	0.008456645	0.049394122
YGL02.5529.C1	3.76434475	1.46849206	-0.366104354	0.917581521	-0.029403009	0.120274051	-0.933855043	0.002189943	0.018715289
YGL02.12175.C1	3.954226165	1.468406358	-0.536543079	0.639973058	0.255174512	0.614369173	-0.746233667	0.000285436	0.004417241
YGL02.12202.C1	5.013733707	1.468129703	0.937108648	1.40857179	-0.383141096	-0.801857877	-1.388576535	0.000321286	0.004799385
YGL02.1354.C1	6.849535532	1.468100063	0.083300123	0.60691824	-0.055329637	-0.23379762	-0.777215625	1.85E-06	0.000148877
YGL02.3856.C1	6.589162595	1.467734946	0.168455472	0.672930946	-0.271052989	-0.343916327	-0.801556333	2.82E-06	0.0001928
YGL02_GNYA1SO04H15C3	3.189109388	1.466969002	-0.647393079	-0.603287874	0.477524291	-0.584496226	-0.579016108	0.003257035	0.024858781
YGL02.13535.C1	3.959339156	1.466166163	0.639229966	1.29994378	-0.069357395	-0.521050488	-1.501239944	1.61E-05	0.000596809
YGL02.16706.C1	6.089236443	1.466032638	0.229862737	1.012744979	-0.225670086	-0.135945037	-1.164580525	5.41E-07	6.78E-05
YGL02_GNYA1SO04JB283	3.490194612	1.465517624	-0.08991662	0.660007063	-0.250053352	-0.41539712	-0.651268029	0.007858846	0.046924723
YGL02.17978.C1	7.568873555	1.465250865	0.272896227	0.916484519	0.275294002	-0.352465066	-0.756262598	1.63E-06	0.000137102
YGL02.2359.C1	9.159036664	1.465076692	0.243170849	1.566407603	-0.03523518	-0.36315255	-1.345754189	6.16E-08	2.05E-05
YGL02.10461.C1	3.22701625	1.464883595	0.162635243	0.113309779	-0.046693064	-1.161092859	-0.422972149	2.12E-05	0.000723963
YGL02.6017.C3	4.202200339	1.464667314	0.630699341	1.181043189	0.171078339	-0.790848935	-1.385785952	2.98E-05	0.000915665
YGL02.12829.C1	7.900299746	1.464363143	0.378443499	1.028512668	0.160728739	-0.304779884	-1.030138095	9.29E-06	0.000414294
YGL02.1908.C1	8.589639795	1.46405097	0.448566744	0.845824515	0.089547584	-0.413556942	-0.615566299	4.75E-10	3.18E-06
YGL02_GNYA1SO04JM5RH	5.905638593	1.463927943	0.122517291	0.80006046	-0.160851353	-0.318784486	-1.478748737	3.67E-07	5.31E-05
YGL02.20763.C1	5.663598302	1.463646078	0.420822261	0.404757013	0.0243911	-0.394218158	-0.497952396	1.83E-05	0.000651386
YGL02_GNYA1SO04IF604	4.465156236	1.46332794	-0.093455818	0.22783493	-0.088696873	-0.32086437	-1.259859999	0.000233508	0.003824818
YGL02_GNYA1SO04H4DJ7	5.400580713	1.462933161	0.3414031	1.236918115	-0.388793287	-0.26499681	-1.608576206	0.00108135	0.011315024
YGL02_GNYA1SO04JW9AC	5.957796767	1.462772	0.472143275	1.992782495	0.023332905	-0.496419575	-1.284741536	5.33E-05	0.001359162
YGL02.11714.C1	3.93431271	1.461942283	-0.340582434	-0.414592815	0.173479472	0.171773713	0.703633713	0.000434148	0.005908699
YGL02_GNYA1SO04IJE7N	2.549178583	1.461903987	0.889900542	0.813864542	0.432426504	-1.176701046	-1.887534085	0.008407238	0.049187628
YGL02_GNYA1SO04ICEJP	5.411476836	1.461636603	-0.045642275	0.211706134	-0.360876049	-0.32483567	-0.913552033	0.000549876	0.006992807
YGL02_GNYA1SO04I5H7D	6.61551425	1.46119044	0.418581609	0.979635765	-0.011502952	-0.379574597	-1.3224753	6.77E-08	2.09E-05
YGL02_GNYA1SO04IKZRK	3.163954062	1.460077757	0.017968136	0.89787336	-0.498328889	-0.338952274	-1.934586923	0.000480303	0.006345582
YGL02_GNYA1SO04I23Q5	3.062198242	1.459906702	-0.110539853	0.008178456	0.085138716	-0.380637082	-0.717884685	0.000966466	0.010469197
YGL02_GNYA1SO04IKXB1	5.331201414	1.45990344	-0.097767337	0.464219794	-0.256492256	0.155216756	-0.417977921	1.29E-06	0.000118523
YGL02.1395.C1	8.251536175	1.459822586	-0.070517327	0.244513009	-0.023842821	-0.076208857	-0.545587453	5.28E-08	1.91E-05
YGL02_GNYA1SO04IJL1J	8.07696899	1.459685263	0.212375827	1.021997642	0.066755021	-0.144888824	-0.861910721	4.71E-05	0.001252734
YGL02.18736.C1	4.187968054	1.459445026	0.289087664	1.76270724	-0.401459171	-0.073487971	-2.27591741	0.005022647	0.034017613
YGL02_GNYA1SO04JTQR6	5.723392155	1.459118147	0.776215563	1.476220471	-0.242208883	-0.756335292	-1.22528119	7.04E-05	0.001653607
YGL02.13862.C1	3.135323359	1.458661028	-0.092121489	-0.112879163	-0.164439612	-0.697483618	-1.130219979	6.39E-06	0.000324995
YGL02.17431.C1	6.005736923	1.458312963	-0.374711089	1.267800828	-0.308035703	-0.128406288	-1.251398277	0.000286224	0.004426771
YGL02_GNYA1SO04IXD17	8.287087329	1.457447864	-0.001452892	0.127245908	-0.259945881	-0.33978491	-0.506633777	1.24E-07	2.82E-05
YGL02.8484.C1	7.810349763	1.456774205	0.695076796	1.440384442	0.146001486	-0.75019643	-1.320855149	5.83E-09	6.74E-06
YGL02.4413.C2	5.954943818	1.456599237	-0.005065428	0.133341358	0.557596067	-0.528126331	-0.466093046	7.97E-06	0.000375133
YGL02.15273.C1	6.564709849	1.456429326	0.014129088	0.887884694	-0.295720262	-0.198386942	-1.12517014	5.46E-08	1.95E-05
YGL02_GNYA1SO04JMXLS	3.030665	1.456210044	0.092934178	0.287333003	0.115937747	-0.516033683	-1.102591374	0.004584741	0.031783146
YGL02.19455.C1	6.335936568	1.456071577	0.434492769	0.569830172	0.148326537	-0.324690458	-0.92479243	2.21E-05	0.00074284
YGL02.16096.C1	3.428401992	1.454977455	-0.070446901	-0.091724611	-0.248568935	-0.56934566	-1.064598396	8.49E-05	0.001890429
YGL02.8251.C1	5.491116298	1.454123799	0.12736986	-0.566022544	-0.24697994	-0.454733871	-0.3146368	5.31E-06	0.000288508
YGL02.10005.C1	2.661937603	1.454098144	0.865017771	0.399920909	0.695209276	-0.851249738	-0.404585044	0.00296386	0.023212178
YGL02.8384.C1	3.172508075	1.454038152	0.538252431	0.832593982	-0.035982986	-0.320976485	-0.743664572	0.000717193	0.008463937
YGL02.5903.C1	5.494674073	1.453677005	-0.327736138	0.37544935	-0.038446838	-0.226287002	-1.395039139	6.76E-05	0.001605716
YGL02_GNYA1SO04IUURX	5.757412182	1.452907003	-0.222618431	-0.28774671	0.279525665	-0.794590819	-1.814438252	0.000485329	0.006392944
YGL02.1396.C10	3.35424919	1.452291626	-0.27563124	0.204923662	-0.391123522	-0.118429599	-0.673393728	0.001018942	0.010853891
YGL02_GNYA1SO04JDE8J	5.34896133	1.452210737	0.149592174	1.134128191	-0.138173762	-0.808669111	-1.543701988	1.42E-05	0.00054681
YGL02.17091.C1	3.096193039	1.452146579	0.27724165	0.417222307	-0.148451849	-0.778332277	-0.857886911	1.81E-05	0.000646114
YGL02.20193.C1	3.457812714	1.451866203	0.830278466	1.40595493	0.194619289	-0.831164171	-1.023520674	0.000131639	0.002566891
YGL02_GNYA1SO04IDSH7	3.679949917	1.451728642	1.235713883	1.356308469	-0.21236926	-1.200685567	-0.804154128	0.001086817	0.011351869
YGL02.12791.C1	5.178453119	1.451462467	0.198800324	1.27037961	-0.304889699	-0.226816979	-1.354862162	2.30E-05	0.00076388
YGL02_GNYA1SO04JFG1T	6.054612952	1.45144528	0.730527134	1.157203882	0.241748983	-0.767212497	-0.718846619	7.71E-09	7.09E-06
YGL02.6578.C1	3.374740205	1.451103088	-0.492729719	0.768938626	0.191652713	0.714356368	-1.469770733	0.002073619	0.017989488
YGL02.1974.C1	3.439099002	1.45094965	0.044974563	1.072022748	-0.059964457	-0.576276974	-1.327942227	0.00486456	0.033216447
YGL02_GNYA1SO04IDI0W	8.35460825	1.450893959	-0.073491652	0.645934772	-0.31129143	-0.35865156	-0.966273189	2.36E-08	1.24E-05
YGL02.8816.C1	2.920796771	1.449677071	0.332656255	0.1022522	0.284709793	-1.517805781	-0.882206795	0.001641432	0.015256002
YGL02.10570.C1	4.907893327	1.449483406	0.071796709	1.020746269	-0.253410196	-0.355562373	-1.067417346	6.40E-07	7.56E-05
YGL02.21840.C1	3.310284432	1.448748549	-0.123181575	-0.533219513	0.487419881	-0.367445754	-1.220203138	0.000539896	0.006901814
YGL02.9810.C1	5.082851332	1.448691443	-0.095950462	0.523224466	-0.173183565	-0.569139051	-1.250634774	0.00024509	0.00395644
YGL02.13755.C1	3.733056164	1.448534888	-0.3127515	0.762639453	0.335187613	0.313752685	-0.545146406	0.001451069	0.013972062
YGL02.23132.C1	7.051901362	1.448475806	0.698906647	0.642732146	-0.313298725	-0.783656468	-1.01107123	3.04E-06	0.000201179
YGL02.1654.C1	4.014331911	1.447810043	-0.11150131	0.151878641	0.381637971	0.071553569	-0.256458669	0.000266852	0.004209953
YGL02.542.C2	9.634101316	1.447725249	0.29055528	0.735741431	0.289252354	-0.121509424	-0.924072185	3.36E-08	1.46E-05
YGL02_GNYA1SO04H22WH	4.834505272	1.446763762	-0.36408914	0.695837494	0.942248789	0.074455634	-0.38757736	0.00047304	0.006279611
YGL02.10677.C1	6.355937123	1.446478185	0.608765142	1.468261798	-0.149924374	-0.353507631	-1.516248734	6.41E-05	0.001543328

YGL02_GNYA1SO04IEI9Q	4.747472835	1.446417172	-0.789999844	-0.753029974	-0.715046639	0.120018648	-0.184697412	0.003723938	0.027336424
YGL02.1449.C1	11.03305652	1.446324645	0.42576279	1.075953317	-0.030885183	-0.331516536	-1.461394124	1.73E-07	3.37E-05
YGL02_GNYA1SO04IPV9G	3.445919533	1.445791657	0.262894121	0.181136678	0.050409356	-1.413682744	-1.387944785	0.005984517	0.038571666
YGL02_GNYA1SO04JPO30	5.347523028	1.445297909	0.187305938	0.813831749	0.15253662	-0.080882532	-0.930586066	1.08E-05	0.000456185
YGL02_GNYA1SO04ILF7U	6.676413635	1.443895199	0.458152158	1.286655539	0.076204723	-0.295806748	-1.157754052	3.31E-07	4.98E-05
YGL02.3117.C1	4.788977542	1.44370728	-0.449916148	0.461348978	-0.017224263	-0.213680153	-0.872844855	0.000947311	0.010325281
YGL02.22357.C1	4.354796941	1.442928268	1.331403789	1.740252841	-0.142362035	-1.296163468	-1.831005612	0.001672735	0.015451571
YGL02_GNYA1SO04I8GS9	5.166415482	1.4424037	0.452411566	0.310906046	-0.351358761	-0.597254643	-0.915176789	9.53E-06	0.000420505
YGL02_GNYA1SO04JW6GJ	7.261035467	1.442114915	0.621302608	1.282849862	-0.342621311	-0.389963388	-1.83290595	0.000146674	0.002766388
YGL02.8945.C2	4.695040592	1.441969304	-0.204918058	-0.780518712	0.175306119	-0.814320904	-0.531724495	0.001387108	0.013512222
YGL02_GNYA1SO04IH3G9	11.00780622	1.441576338	0.384656618	0.914854476	0.304147931	-0.320802934	-0.917981433	3.88E-07	5.51E-05
YGL02.23515.C1	5.109024604	1.441571514	0.341065014	1.056762575	-0.17068185	-0.322677077	-1.65454235	1.33E-05	0.000521207
YGL02.7781.C1	4.780724705	1.441129179	0.280850881	0.761622199	-0.252539333	-0.613493558	-0.741138461	2.71E-06	0.000187696
YGL02.9454.C1	6.698313228	1.441109445	0.892081394	1.138991255	-0.150256874	-0.323843877	-0.993390289	4.56E-05	0.001227655
YGL02_GNYA1SO04IGTXZ	7.995892503	1.440741797	0.293375083	1.071251895	0.211794043	-0.542028523	-1.288055237	4.54E-06	0.000260162
YGL02_GNYA1SO04I8TG5	3.144480056	1.440604445	-0.068705207	0.943853865	1.051258788	0.008491651	-0.858610076	0.003201772	0.024554217
YGL02_GNYA1SO04JVYDA	6.024368929	1.440391155	-0.221355408	0.527989115	-0.04295213	-0.101833101	-0.7689393	0.000104983	0.002193101
YGL02_GNYA1SO04JEBC0	3.572822643	1.43985042	0.551715026	0.898942352	0.08306465	-0.996862467	-2.175565614	0.006104187	0.039130679
YGL02.7586.C2	3.848097657	1.439118558	-0.943080978	-0.605083641	0.33879255	-0.397310321	-0.450671445	0.005731327	0.037427856
YGL02_GNYA1SO04JIR5J	4.327986336	1.438811989	-0.445601566	0.284471183	0.003426436	0.693292237	-0.405500986	0.004532738	0.031522871
YGL02_GNYA1SO04IB9WD	3.046093507	1.438759526	1.852580577	1.055524084	-0.30237779	-2.668292936	-0.342465733	0.007868572	0.046958979
YGL02_GNYA1SO04I3K66	9.16830587	1.438455027	-0.35124313	0.185169268	0.137720398	-0.051394453	-1.077108274	6.26E-06	0.000320473
YGL02_GNYA1SO04IYEZ1	2.678249133	1.437745821	0.81276605	1.003859451	0.916491329	-0.700937499	-0.954083051	0.00261748	0.021250638
YGL02_GNYA1SO04JHMEC	6.344461839	1.4372844	-0.267576162	0.096997378	-0.058840838	0.05700199	-0.280500802	0.001763914	0.016062371
YGL02_GNYA1SO04H53UA	5.259317917	1.436696506	1.481868142	1.761287703	-0.076693666	-1.232338103	-1.591706351	8.03E-07	8.81E-05
YGL02.2433.C2	7.160999317	1.436667492	0.30700343	0.511263997	0.056191899	-0.456116375	-0.716140484	3.77E-08	1.53E-05
YGL02.8588.C1	8.901163765	1.435902003	-0.289309917	0.402422098	-0.260358482	-0.242505545	-0.789240047	6.94E-08	2.12E-05
YGL02.210.C1	5.064736809	1.435798676	-0.873811588	-0.702467463	-0.051098518	0.223051769	-0.488387632	0.000434	0.005907296
YGL02.1094.C1	5.841864062	1.435598574	-0.158923302	0.128312784	0.098666704	-0.392877907	-0.974411724	1.72E-06	0.000142514
YGL02_GNYA1SO04IFJ29	8.056058976	1.435047754	0.354413233	0.973704637	-0.347847746	-0.009013593	-1.30384145	1.62E-07	3.24E-05
YGL02.14760.C1	5.390976973	1.434875033	0.103423421	0.694607035	0.048706298	-0.542898966	-1.128576142	3.83E-07	5.45E-05
YGL02.4413.C1	5.818091575	1.434543716	-0.013662283	0.448290655	0.305640482	-0.465879453	-0.657606842	3.63E-07	5.28E-05
YGL02.11025.C1	8.157064073	1.432906346	0.119995482	0.467565598	-0.115526494	-0.295488779	-1.04748579	1.74E-07	3.38E-05
YGL02_GNYA1SO04I2JMZ	6.169390968	1.432807835	0.442309427	0.682290611	0.152256106	-1.016416682	-1.274400809	2.65E-05	0.000842154
YGL02.19353.C1	3.402524934	1.432373167	-0.040386579	0.094008527	0.333170562	-0.4782086	-0.928524836	0.000281406	0.004377242
YGL02_GNYA1SO04INFH4	4.846488887	1.43172991	0.777837932	1.470403525	-0.198492046	-0.543753647	-1.269792325	1.37E-07	2.95E-05
YGL02_GNYA1SO04JRIHV	2.385070203	1.431369564	0.39638038	0.121912145	0.696738592	-0.849534819	-0.510254097	0.007229488	0.044181356
YGL02.7247.C1	4.49281179	1.43126445	0.2873365	1.696401942	-0.345504894	0.021052502	-2.300978324	0.003906854	0.028281575
YGL02.11718.C1	5.496678094	1.431197173	0.566395521	0.289383454	0.076365939	-0.571387447	-0.940461535	1.20E-05	0.000485714
YGL02.9677.C2	6.137854307	1.431052054	-0.283614354	1.058754816	-0.373153639	0.311245192	-0.907618728	1.25E-05	0.000499837
YGL02.16486.C1	3.394731582	1.430508504	-0.321726157	0.248645639	-0.055957433	-0.174053531	-0.707163015	0.001051174	0.011101353
YGL02.6758.C1	6.153163664	1.430448702	-0.319537085	-0.397136285	-0.036520897	-0.086537543	-0.465795499	6.12E-05	0.001493979
YGL02_GNYA1SO04IUZIF	3.950002809	1.430440506	0.443673311	0.94774309	-0.328446004	0.281458258	-1.371191175	0.005869632	0.038060764
YGL02.10529.C1	4.45190908	1.430359712	0.869196224	1.340660156	0.223126248	-0.894431986	-1.66545948	0.000151293	0.00282469
YGL02.14215.C1	7.973186321	1.43031845	-0.04328757	0.619122479	0.417646262	-0.230160734	-1.179783616	2.75E-05	0.000863242
YGL02.5882.C1	4.248952831	1.430194931	0.966383184	1.291110465	-0.109020807	-0.505686942	-1.326942692	5.00E-06	0.000277837
YGL02.5652.C1	7.887052922	1.429539782	0.271389974	0.448548395	0.074786245	-0.187646713	-0.069229447	9.08E-06	0.000407962
YGL02_GNYA1SO04IEEJY	7.018434776	1.429311155	0.349284609	1.605188897	0.100607449	-0.033713767	-1.326841895	2.53E-06	0.000179734
YGL02.3371.C1	6.407149772	1.429043995	0.344376862	0.819916922	-0.317160556	-0.190542178	-0.538303419	1.61E-07	3.24E-05
YGL02_GNYA1SO04IJ8M1	5.50309174	1.428989998	0.090401668	0.848029649	-0.266627135	-0.262232576	-0.557984363	2.63E-06	0.000184403
YGL02_GNYA1SO04I5QF7	6.116641113	1.428875159	0.270443347	0.944358858	0.156126661	-0.474113598	-0.734757565	7.37E-08	2.17E-05
YGL02.4692.C1	6.730744064	1.428362852	0.003927217	0.393801457	0.229024868	-0.328394468	-0.603646822	5.13E-06	0.000282319
YGL02_GNYA1SO04IV4V0	4.575913726	1.427492896	-0.439591146	0.426109168	-0.554912277	0.599839107	-0.259991842	0.000522375	0.006729643
YGL02.18632.C1	5.06815771	1.427136356	0.386739084	0.610112805	0.339576683	-0.794790535	-0.974998555	7.62E-05	0.001751752
YGL02.21774.C1	2.946285592	1.426146642	0.252033132	-0.101030422	-0.042998252	-1.04082296	-0.63954647	3.25E-05	0.00097347
YGL02_GNYA1SO04ICPQP	6.626392618	1.425576772	0.432085966	1.058891676	-0.201333863	-0.347419482	-0.91793725	1.23E-07	2.80E-05
YGL02.3888.C2	7.485448589	1.425217824	0.332284147	0.688797898	-0.228328942	-0.223678304	-0.568716873	7.31E-09	7.09E-06
YGL02_GNYA1SO04JRN1O	3.189294498	1.425134769	0.559116003	0.615055692	-0.03842019	-0.394203158	-1.948690758	0.002699166	0.021750758
YGL02_GNYA1SO04IDM6G	3.183207701	1.424403593	0.112738159	1.185846699	0.432864679	-0.453583335	-2.49518028	0.00491124	0.033462843
YGL02.15412.C1	2.975307745	1.424352684	0.29641896	0.714427826	0.448845597	-0.563561065	-0.37763867	0.00014865	0.002793485
YGL02_GNYA1SO04IHS24	4.891259527	1.424253691	0.986328944	1.77626877	0.282975528	-0.679152573	-1.446785135	0.000458315	0.006144225
YGL02_GNYA1SO04IZI41	2.653313338	1.423447817	0.204986852	0.004409645	0.235523983	-0.842190643	-1.268413317	7.43E-05	0.001717721
YGL02.10294.C1	8.471989777	1.423240819	0.106134252	-0.079467165	-0.127424829	-0.294541723	-0.112187875	1.47E-09	3.44E-06
YGL02.3415.C1	5.789171941	1.422187376	0.147942777	-0.029869798	-0.13036965	-0.27720219	-0.152455266	3.84E-08	1.54E-05
YGL02_GNYA1SO04H41BR	6.413490877	1.421865138	0.326707737	0.991031031	0.278677156	-0.017680125	-0.584098231	4.85E-06	0.000271665
YGL02_GNYA1SO04JVFVL	7.705386595	1.421614972	-0.04809866	0.719653357	-0.267999553	-0.095688357	-1.123603299	0.000110568	0.002276371
YGL02.457.C1	7.933761883	1.421443178	0.434423357	0.945751794	-0.070256779	-0.292280661	-0.946693966	7.82E-09	7.09E-06
YGL02_GNYA1SO04JR7QB	3.549377956	1.4210341	0.377222261	1.966651875	-0.091206287	-0.194435365	-1.584358111	0.004822372	0.033019044
YGL02.7721.C1	5.29196706	1.420890414	0.237517469	1.045571311	-0.091707437	-0.859580938	-1.695611313	0.000211213	0.003561867
YGL02_GNYA1SO04IOIUN	3.153443989	1.420373124	0.429375253	0.416613659	-0.420007055	-0.934697088	-1.669602239	0.000342486	0.00502092
YGL02.3292.C2	4.889289026	1.420116218	-0.354285527	0.101602582	0.171621539	0.153518928	-0.833460959	0.002864963	0.022694306
YGL02.17985.C1	5.428460149	1.420008314	0.706303417	1.307393448	-0.082255463	-0.59796087	-1.553846309	0.000160412	0.002938198
YGL02.12342.C1	4.545528176	1.418759625	0.184148191	0.525676051	-6.18E-05	-0.078068554	-0.467477158	0.002237858	0.01900687
YGL02.9462.C2	5.815692046	1.418618786	0.189239249	0.887254657	-0.313238991	-0.318115978	-1.301964058	4.98E-07	6.45E-05
YGL02.12800.C1	6.550431866	1.418617138	-0.254078178	0.254563347	0.200743237	-0.528340421	-1.00973966	7.20E-06	0.000350507
YGL02_GNYA1SO04I55WS	10.86650126	1.418598612	0.429465245	0.849440522	0.146413075	-0.428964487	-0.86620091	1.31E-06	0.000119714
YGL02.57.C2	5.00048449	1.418514913	0.626028129	0.95654113	-0.297156123	-0.435661281	-0.830622376	0.000150193	0.002812276
YGL02_GNYA1SO04JC7P5	5.647395224	1.418334556	0.024892269	0.031558183	0.232780156	-0.482931997	-0.33900486	0.003643027	0.026916417
YGL02_GNYA1SO04IHQYC	8.722449131	1.418299966	0.240668581	0.948330129	0.078821502	-0.264063057	-1.377669094	1.47E-07	3.06E-05
YGL02.13182.C1	6.832039514	1.418294224	0.24154532	0.57855661	-0.130035373	-0.418112271	-0.302275382	1.57E-08	1.01E-05
YGL02.14010.C2	2.833977929	1.418245963	-0.017528551	-0.039147333	0.041283661	-1.282167282	-1.228827407	0.004786345	0.032838212
YGL02.4989.C1	5.989425677	1.418024538	0.355371435	0.927622255	0.210101928	-0.389430041	-0.991787694	3.63E-08	1.50E-05
YGL02_GNYA1SO04I1OLI	5.152913786	1.417608127	-0.332590099	0.34269686	-0.204822115	-0.479117516	-1.091337764	0.00011918	0.002393765
YGL02_GNYA1SO04ICJR5	4.08064632	1.417057018	-1.179463348	0.475756003	0.077524255	0.736196088	-0.653326894	0.005260087	0.035180337
YGL02.12550.C1	6.999822719	1.416983882	0.334135653	0.680071982	-0.180925125	-0.36451935	-0.767832777	2.13E-08	1.18E-05
YGL02.14311.C1	4.988544981	1.416832174	0.684090801	1.440964754	-0.061066612	-0.562579721	-1.098265223	4.77E-05	0.00126229
YGL02.10463.C1	2.845857525	1.41609692	0.667584307	1.265621469	0.019549891	-0.350477341	-0.666348559	0.001829671	0.016486676
YGL02_GNYA1SO04JLYS1	6.310029398	1.416082274	0.110505805	1.108471969	0.236007596	-0.445822064	-0.610786277	5.08E-05	0.001316117
YGL02_GNYA1SO04JZZKN	8.585992452	1.415610624	-0.047721935	0.215336838	0.014938281	-0.251922094	-0.813848757	3.54E-06	0.000223198
YGL02_GNYA1SO04IYTYX	7.124459909	1.415202163	0.613780195	0.777966014	0.075095832	-0.382964983	-0.897665364	4.65E-07	6.15E-05

YGL02.404.C1	3.286826265	1.415197878	-0.226491806	-0.519464766	0.503357333	-0.952641614	-0.832297448	0.007433868	0.045073025
YGL02.3819.C1	6.155452158	1.414574316	0.254416577	0.771109706	0.081429902	-0.408162854	-0.870227451	3.95E-08	1.58E-05
YGL02_GNYA1SO04JOLNZ	8.058066295	1.41433975	-0.367141233	0.163223109	0.055662588	-0.173777363	-0.682975051	1.51E-05	0.000571249
YGL02.18418.C1	3.193149677	1.414326685	0.058237963	0.137937891	-0.192925279	-1.532044574	-0.811980123	3.20E-05	0.000962756
YGL02.14693.C1	8.01470408	1.41424559	0.170900527	0.473769149	0.228277895	-0.589128671	-0.722477049	9.92E-05	0.002112128
YGL02_GNYA1SO04JZ2N2	6.109678494	1.41419887	0.694747135	0.467227477	-0.000763094	-0.756101089	-0.543679212	8.27E-05	0.001858976
YGL02_GNYA1SO04H8PUO	7.243546044	1.413439788	0.494772573	1.15527313	-0.088828231	-0.310574866	-1.702687893	1.94E-06	0.000152725
YGL02_GNYA1SO04IQIW4	6.934269213	1.412587288	0.300335088	0.901582521	-0.111863662	-0.304858876	-0.931433903	9.02E-07	9.45E-05
YGL02_GNYA1SO04IZQS7	4.543756608	1.41221635	-0.280798953	0.425342774	0.198520183	0.217722391	-0.796137227	0.000287107	0.004435312
YGL02.7133.C1	3.748111597	1.411682604	-0.763093341	-0.713041782	0.046941831	-0.304979103	-0.992484061	0.000816858	0.009297003
YGL02.15007.C1	3.848711707	1.411680938	0.338246304	0.697186145	0.206267447	-0.380121021	-0.987913233	0.000399953	0.005591994
YGL02_GNYA1SO04IUTCS	8.103775071	1.411473423	0.197762684	0.59567556	0.179932856	-0.190446587	-0.747096059	4.72E-06	0.00026686
YGL02_GNYA1SO04IXY4W	2.647051743	1.411031603	-0.151523002	0.358350178	0.430393676	-0.003510646	-0.585634733	0.000664957	0.008011019
YGL02_GNYA1SO04JYXYR	5.505689795	1.410915464	1.671391539	1.840171249	-0.716477688	-0.687547926	-1.685630026	0.005083308	0.034301354
YGL02_GNYA1SO04JIYCU	4.573971996	1.410820362	0.735937564	0.994685692	-0.161475169	-0.573814789	-1.155830735	0.003129696	0.024161653
YGL02.10119.C1	7.110519892	1.410455025	0.538590484	0.875791192	0.091033493	-0.46981751	-0.830751912	4.70E-10	3.18E-06
YGL02_GNYA1SO04JQYPJ	5.488771706	1.410430048	0.727784722	0.950719323	0.132050129	-0.783412959	-1.133149786	5.49E-06	0.000294495
YGL02.12537.C1	6.219277587	1.410361872	-0.048835107	0.865789407	-0.179798568	-0.369238499	-1.181380459	2.02E-06	0.000156706
YGL02_GNYA1SO04IQ37P	5.789426506	1.410180893	0.37767645	0.806453326	-0.157086699	-0.456397754	-0.619696543	2.81E-05	0.0008782
YGL02.7062.C1	5.69782208	1.40895062	0.207204987	0.467955291	0.016354067	-0.528827637	-1.012078207	2.01E-07	3.67E-05
YGL02.4480.C1	3.261399352	1.408920139	1.106678524	1.167342691	0.233274295	-0.982605506	-0.66309796	0.000247251	0.003981405
YGL02.10766.C1	6.385288	1.408730945	1.405394767	1.496497686	0.189060038	-0.934231676	-1.202366471	1.91E-07	3.58E-05
YGL02.524.C1	6.20410158	1.408601541	0.196488841	0.566558501	-0.10940887	-0.341412546	-0.726843027	9.32E-10	3.26E-06
YGL02.16500.C1	4.80882509	1.408501112	-0.036451954	-0.091570041	0.429630681	-0.447777582	-0.672325106	0.006232538	0.039697998
YGL02.10022.C1	7.316476131	1.408409262	0.326112045	0.9022896	0.208103899	-0.275908291	-1.037509991	2.33E-07	4.03E-05
YGL02.13258.C1	2.613892624	1.407795234	-0.056498495	0.986735578	0.399304811	-0.625033308	-0.684670097	6.51E-05	0.001560292
YGL02.8031.C1	5.064518579	1.407181171	-0.127136381	0.431633401	-0.262410152	-0.398494779	-0.928808344	0.000230423	0.003786707
YGL02_GNYA1SO04H2EIR	10.97641939	1.406763363	0.298213019	0.785247756	0.273346241	-0.385213306	-0.957099922	3.15E-08	1.43E-05
YGL02.13103.C1	6.221421811	1.40633996	0.378319575	1.02112057	-0.019537733	-0.704461273	-1.588732251	1.30E-07	2.87E-05
YGL02.17748.C1	4.343077593	1.405591538	0.50927669	0.183643452	0.404373134	-0.180421507	-0.273585185	3.46E-05	0.001016279
YGL02.421.C1	7.237883545	1.405292855	0.403240461	0.439162637	-0.271223184	-0.387387079	-0.256145706	6.34E-09	7.01E-06
YGL02.19477.C1	5.842075896	1.40483698	-0.9939313453	0.351189981	0.136444884	-0.083573631	-1.381984132	2.04E-06	0.000157617
YGL02_GNYA1SO04I0E39	5.904025631	1.404556226	0.798623135	1.388187747	-0.048997838	-0.742736433	-1.133255805	3.68E-06	0.000228426
YGL02.14144.C2	3.560175303	1.404527786	0.022134147	0.549929938	-0.504645862	-1.126717538	-1.23615238	6.45E-05	0.001551255
YGL02_GNYA1SO04H57Q0	7.714842706	1.404261741	-0.234931882	0.918333044	-0.026064009	0.050521654	-1.331892309	0.00232632	0.01953653
YGL02.11705.C1	6.189726512	1.4041601	-0.061878385	-0.075000736	0.189561598	-0.198786256	-0.184837634	5.43E-07	6.79E-05
YGL02.15515.C1	6.905899192	1.403940752	0.434076959	1.292043166	0.500333854	-0.715605846	-1.666084653	2.13E-05	0.000724572
YGL02_GNYA1SO04H49KR	2.961876653	1.403303059	0.845439688	-0.009190209	-0.202868846	-1.474335321	-0.328278824	0.000353056	0.005123267
YGL02_GNYA1SO04JE2OR	2.876470033	1.403176782	0.594980203	-0.000637794	-0.172776541	-0.814326926	-1.394809391	1.47E-05	0.000560235
YGL02.2689.C1	4.919445877	1.402495388	0.284289761	0.960355427	-0.239252197	-0.974371639	-1.286603171	0.000289385	0.004461807
YGL02.14280.C1	3.387830273	1.402405777	0.447113406	-0.268914997	0.440512828	-0.105390564	-1.088027537	0.001690919	0.015584872
YGL02_GNYA1SO04JVTJ4	5.571233753	1.402178844	-0.297560271	-0.170646797	-0.0101219	-0.504035212	-1.204328346	0.003319666	0.025190121
YGL02.8119.C2	9.202878435	1.402138537	0.202644883	0.425562929	-0.123787323	-0.285992383	-0.487432549	3.03E-09	5.09E-06
YGL02.7575.C1	6.108717069	1.401990393	-0.268251275	0.08520135	-0.091140579	-0.210096573	-0.854204477	1.53E-05	0.000577072
YGL02_GNYA1SO04I9059	3.783519013	1.401835483	0.46608938	-0.077959098	-0.815367637	-0.663003435	-0.7341132	0.00760139	0.045803517
YGL02.4129.C1	9.05037397	1.401247853	0.726954223	0.983985687	0.378366342	-0.574982617	-1.374870466	1.61E-06	0.000136037
YGL02_GNYA1SO04JFVCX	3.607159505	1.400923769	-0.389936698	-0.06791194	-0.15593164	0.566972703	-0.356847155	0.002595008	0.021128442
YGL02.21660.C1	4.15357321	1.400869299	0.004510723	0.658519448	-0.321430848	-0.639925088	-1.150744116	0.004498542	0.031345246
YGL02_GNYA1SO04IL332	6.146151998	1.400816378	0.580732403	0.924787827	0.109426797	-0.736492682	-0.887032022	8.34E-07	9.03E-05
YGL02.1776.C1	2.659469791	1.40075616	-0.085129936	0.497362079	0.441314645	-0.691916646	-1.291448784	0.001233648	0.012431303
YGL02.20728.C1	2.700761935	1.400687652	0.386250695	0.230739554	0.487663438	-1.12203761	-0.311967388	0.000880404	0.00979639
YGL02.20552.C1	4.910198179	1.400501544	-0.28875136	0.526715578	0.3039947	-0.215088325	-1.031382064	0.000142019	0.002705775
YGL02.15279.C1	4.781114881	1.399972742	-0.530686618	0.219916129	0.049774701	0.199377625	-0.990822469	0.000292854	0.004499752
YGL02.18759.C1	5.226414439	1.399890833	0.564111161	0.099815078	-0.234115743	-0.904737007	-0.600241196	0.000114894	0.002333516
YGL02_GNYA1SO04I7V2B	7.380778804	1.399675672	0.551744266	1.205881691	0.55666314	-0.592659712	-1.25232568	3.83E-05	0.001090181
YGL02_GNYA1SO04ICAFE	5.777600303	1.399399744	0.093203581	0.857225477	-0.215901411	-0.486959851	-1.142553	1.50E-06	0.000130473
YGL02.6744.C1	4.515480771	1.399285077	-1.0334903	1.023804312	0.24482843	-0.103920261	-2.171908432	0.00199141	0.017504975
YGL02_GNYA1SO04I9N6Z	3.941698167	1.398785911	1.051992401	1.251090101	-0.062470924	-0.747020834	-1.388042877	0.001242478	0.012491127
YGL02_GNYA1SO04I2C11	4.497672798	1.398443802	1.426278789	1.516149053	0.153909627	-0.760318031	-0.827706108	3.90E-07	5.52E-05
YGL02_GNYA1SO04JNEYQ	4.782196913	1.398333342	0.675636985	0.814131246	-0.211933134	-1.05481274	-1.300999743	0.000835208	0.009441134
YGL02.7577.C1	2.679317875	1.398286474	0.357305087	0.196620328	0.512946177	-0.05271377	-0.287439896	0.000576219	0.007231232
YGL02_GNYA1SO04IY8LQ	4.132142433	1.397828056	0.010680225	0.042432793	1.293481309	-0.685714699	-1.380728387	3.46E-05	0.00101524
YGL02_GNYA1SO04JLIZO	7.17257568	1.397444548	-0.239503507	1.236600744	-0.097948494	-0.376198115	-1.157526066	7.92E-05	0.001797963
YGL02.22565.C1	6.705360687	1.397084645	0.433353419	0.611635906	-0.186275792	-0.366187708	-0.654851885	7.04E-08	2.12E-05
YGL02.1146.C1	4.366773806	1.397070536	-1.198444653	-0.525108928	-0.114363553	-0.073346891	-0.673943377	0.000316211	0.00475318
YGL02.16916.C1	9.685038677	1.396234385	0.227538129	0.866676717	-0.008116309	-0.228161313	-1.073107452	1.39E-07	2.97E-05
YGL02_GNYA1SO04IKTZD	5.369742109	1.395990569	2.367189072	1.03111071	-0.670205766	-0.854627918	-0.422037195	9.87E-07	9.98E-05
YGL02.3238.C1	5.352862996	1.395493876	-0.01875496	1.059812215	-0.346332575	-0.717071015	-1.150733415	5.35E-06	0.000290383
YGL02.17003.C1	3.21336565	1.395387192	-0.324923865	0.332754455	0.021411879	-0.505973542	-1.659866531	0.00541371	0.035904109
YGL02_GNYA1SO04I9AHX	7.104163401	1.39469852	0.825451785	0.86397949	-0.368514118	-0.472485307	-0.884638292	6.43E-08	2.06E-05
YGL02.4785.C1	4.522483989	1.394671761	-0.147565094	0.266224508	0.008374709	-0.251990272	-0.875011712	0.003003119	0.023445912
YGL02.19081.C1	11.67401115	1.394598472	0.182649121	0.496030823	-0.096436748	-0.203051351	-1.023269482	7.12E-08	2.12E-05
YGL02.13745.C1	9.197545337	1.39401156	0.400317139	0.680006551	0.362521585	-0.507566584	-0.602219343	2.24E-08	1.21E-05
YGL02.1592.C1	7.375505708	1.39384986	0.547466298	1.20650211	-0.108165313	-0.338058947	-0.692017722	2.82E-06	0.0001928
YGL02_GNYA1SO04ISBXQ	7.400611932	1.392924466	-0.102467869	0.960541636	0.104446639	-0.319791444	-1.723747411	2.90E-05	0.000900075
YGL02.9761.C2	5.852341076	1.392897589	0.284312299	0.431379571	0.26889556	-0.376741403	-0.695768772	7.94E-05	0.001803434
YGL02.10875.C1	6.920802631	1.392662546	0.111475406	0.750071578	-0.116746777	-0.34281486	-0.789864252	3.97E-07	5.59E-05
YGL02_GNYA1SO04I1QOE	5.832768946	1.392623027	0.292870922	0.802322847	0.015103719	-0.136953851	-0.789849003	9.65E-06	0.000424193
YGL02_GNYA1SO04IZKBR	4.252746658	1.392509192	0.289073678	1.640418327	-0.715450371	-0.749912651	-2.68499409	0.004617849	0.031958174
YGL02.8347.C3	5.681166657	1.39247446	-0.356249356	0.525563422	-0.167808559	0.209212222	-0.759777181	4.91E-05	0.001287077
YGL02_GNYA1SO04H4NKO	4.618013483	1.392418858	0.492007281	0.928218288	-0.215043314	-0.635069071	-0.903746646	0.001039049	0.011015523
YGL02.19317.C1	4.633320535	1.392396296	-0.016242012	0.467675746	-0.466724543	-0.644641835	-0.655472285	0.001299428	0.01289844
YGL02_GNYA1SO04IG15V	6.036915309	1.392368735	0.481285404	1.08059312	0.010620056	-0.522581308	-1.631782066	4.26E-05	0.001169656
YGL02.1938.C1	6.082238944	1.392080015	0.147954108	0.327608059	0.447842801	-0.111274912	-0.523020028	6.69E-05	0.001593298
YGL02_GNYA1SO04JOHTH	3.392321541	1.39191929	0.088012949	1.093379833	-0.075538343	0.283378655	-0.528018943	0.002186858	0.018691394
YGL02.7489.C1	9.070644112	1.391773374	-0.287545346	0.247838876	0.216797931	-0.108055985	-1.148033726	7.90E-07	8.70E-05
YGL02_GNYA1SO04JM1CO	3.107960228	1.391061113	0.135402772	0.343752265	0.641785339	-0.644345693	-1.460495518	0.004933356	0.033581727
YGL02.8725.C1	9.265988192	1.390976109	0.196064498	1.04249124	0.237335668	-0.448473883	-0.524995952	2.46E-08	1.25E-05
YGL02.2126.C3	10.4907303	1.39089866	0.48263027	1.444323829	-0.090006362	-0.335187351	-1.444528118	1.25E-07	2.82E-05
YGL02_GNYA1SO04IXG0K	5.30428662	1.390883938	0.7611418	1.265301743	-0.190667131	-0.494542651	-1.143748888	5.23E-06	0.000285652

YGL02.1267.C1	5.219456023	1.3907723	1.210516768	1.861397887	-0.080158078	-0.944716315	-1.423680313	8.90E-05	0.001959139
YGL02_GNYA1SO04JV7RB	4.59785312	1.389682143	0.335084239	0.895054762	0.143280185	-0.551404513	-1.201687409	8.37E-05	0.001873157
YGL02_GNYA1SO04JXJIR	4.383919984	1.389433176	-0.663647763	1.163455121	-0.081516195	0.737280172	-1.356522361	0.008334016	0.048878482
YGL02.8404.C2	3.740892771	1.387985856	-0.627403936	0.927692528	0.417249364	0.317182391	-1.159529835	9.51E-05	0.002050252
YGL02_GNYA1SO04I82UG	3.541049603	1.387478467	1.523167142	1.825592832	-0.719748545	-1.067430028	-0.93895766	6.04E-05	0.001482403
YGL02_GNYA1SO04ILFEQ	2.693702709	1.387470956	0.2785787	0.060609022	0.266015968	-0.275650276	0.211047664	0.000175294	0.003126384
YGL02.9309.C1	3.561938665	1.386930312	1.642293035	1.271411039	-0.353633743	-0.606345514	-0.88897996	0.001148663	0.011826155
YGL02.6371.C1	3.176066852	1.386803407	0.39224368	0.643244592	0.394582971	-0.316389923	-0.869397668	0.004435583	0.031031781
YGL02.651.C1	6.956921142	1.386690814	0.17080005	0.806639189	-0.082353187	-0.237184512	-0.935260286	1.01E-07	2.57E-05
YGL02.333.C1	7.827888311	1.386041928	0.751653387	1.269920893	-0.309667121	-0.446862128	-1.495612017	3.23E-07	4.95E-05
YGL02_GNYA1SO04H4P0K	5.81064212	1.385789045	0.638719193	0.597048576	0.098112191	-0.451056732	-0.51442482	0.000313099	0.004720258
YGL02_GNYA1SO04I84VM	6.309124964	1.385594819	-0.350762839	0.625862447	-0.108501661	-0.259122515	-1.129157472	7.53E-06	0.000361962
YGL02_GNYA1SO04H0I3P	4.653125388	1.385445764	0.020657005	0.263103313	0.805747777	-0.038686734	-0.502548097	0.000500504	0.006525132
YGL02_GNYA1SO04JBIYJ	5.479477736	1.385425874	-0.0191438	0.401297258	0.229432913	0.327343362	-0.178617096	0.00076322	0.008857799
YGL02_GNYA1SO04IME86	11.99411427	1.385378635	-0.39295659	-0.290554075	-0.071098955	-0.409626528	-0.536990215	8.44E-10	3.26E-06
YGL02_GNYA1SO04IXK4J	7.401750068	1.384828862	0.140760552	0.582572635	-0.185527766	-0.510643696	-0.635455818	1.48E-05	0.000562817
YGL02_GNYA1SO04IU6YA	3.550619799	1.3839409	-0.315428267	1.373232503	0.077648873	0.736015708	-0.703280043	2.92E-05	0.000903388
YGL02.4962.C1	5.281316329	1.383869567	0.125720813	1.807056959	0.216716736	-0.206506405	-1.092984258	1.27E-06	0.000117452
YGL02.11604.C1	2.600503483	1.383517023	0.275955661	1.351930645	0.428867439	-0.816424393	-1.739221758	0.001998485	0.0175444
YGL02_GNYA1SO04IJR7T	3.614550266	1.383316706	0.694948307	0.870113332	-0.435654056	-0.899367921	-0.558710892	0.00520714	0.034907765
YGL02_GNYA1SO04JC3VI	6.297996141	1.383063809	1.194391614	1.003138364	0.841999656	-1.001632307	-1.361554508	0.000142448	0.00271196
YGL02.22999.C1	4.950687169	1.382808757	-0.002342207	-0.294984853	0.096548267	-1.160020229	-0.93387778	7.63E-05	0.001753052
YGL02.3868.C5	5.219131653	1.382276299	-0.193374533	0.045901205	0.102163927	-0.119472837	-1.181740357	0.000929949	0.010186568
YGL02_GNYA1SO04IV783	2.92872371	1.382270412	0.478511516	-0.241283749	0.503855362	-1.037257078	-0.709519319	0.00253565	0.020788933
YGL02.1617.C3	4.770219645	1.382269205	0.35681764	1.357634824	0.434307921	-0.199720687	-0.828237904	0.000151179	0.002824101
YGL02.690.C1	6.056605459	1.382050412	0.135356733	0.515400806	-0.107589779	-0.304646218	-0.725375237	2.58E-07	4.28E-05
YGL02_GNYA1SO04INC6H	3.343592178	1.381875742	0.561903714	0.913621164	-0.190252537	-0.307427653	-1.322112528	0.006193672	0.039519876
YGL02.4693.C2	7.966564812	1.381799075	0.316448027	0.860080482	-0.035014952	-0.343479951	-1.088051022	1.63E-07	3.24E-05
YGL02.3644.C1	4.029264358	1.381523937	-1.132721594	0.696327706	-0.107558507	0.316513246	-0.487484009	0.005428276	0.035971236
YGL02.5627.C2	6.435876491	1.381506525	0.642620765	0.836744898	0.339935615	-0.213374515	-0.880792032	1.48E-06	0.000128718
YGL02_GNYA1SO04H43TU	4.585878863	1.381169049	0.318782897	1.426487474	0.039143808	-0.047573068	-1.339066418	0.000576412	0.00723251
YGL02.6835.C1	3.429751021	1.380777137	-0.20935331	0.270787273	0.522830156	0.014710443	-0.205366372	0.000555428	0.007045427
YGL02.7040.C1	4.756030551	1.380645166	-0.245776085	0.545975573	0.371495936	0.145052882	-0.553837067	0.00058407	0.007295125
YGL02.18522.C1	8.230458337	1.380050653	0.684582167	0.838918701	-0.331967379	-0.469328026	-0.921966094	2.07E-07	3.74E-05
YGL02.1411.C10	3.342752463	1.379913949	-0.44610525	-0.177551871	-0.105377717	0.69164146	-0.838629594	0.001237284	0.012458249
YGL02.13324.C1	6.906291574	1.379544442	0.403216819	0.363645176	-0.12926747	-0.511702641	-0.552932133	6.92E-07	7.99E-05
YGL02.18254.C1	6.016254785	1.37909154	0.273333066	0.976708032	0.044499056	-0.095518191	-1.184936489	1.06E-05	0.000449274
YGL02.20967.C1	7.025216875	1.378259698	0.311829607	0.877659285	-0.22450631	-0.225394507	-1.028876087	2.35E-07	4.05E-05
YGL02_GNYA1SO04JBB0J	4.677239837	1.378076842	-0.499188634	1.443065672	-0.935498544	0.106485371	-1.691968824	0.007276994	0.044375346
YGL02_GNYA1SO04IGNZV	2.966301813	1.3780685	0.110248548	0.284455321	-0.282646232	-0.459564366	-1.639732894	0.004791839	0.032865455
YGL02.16678.C1	5.801406013	1.378016711	0.862434479	1.039250168	-0.107585446	-0.735856545	-1.205489261	1.91E-06	0.000151439
YGL02.2533.C1	10.85113262	1.377965145	0.371519176	0.815436059	0.328294485	-0.345236328	-0.836971379	4.06E-08	1.59E-05
YGL02.20203.C1	3.757193017	1.37779108	-0.360561496	1.449444111	-0.35997002	-0.064196241	-1.445252477	0.000432357	0.005892987
YGL02_GNYA1SO04IRBSQ	3.582568652	1.377735263	-0.751831881	0.750540866	0.707425678	0.24588592	-1.075487646	0.000770151	0.008912059
YGL02.7387.C1	4.092623543	1.377670446	-0.377379948	0.449740006	-0.068820051	0.292678049	-0.890209767	0.00850028	0.049580074
YGL02_GNYA1SO04JOCHA	5.100368338	1.377632777	-0.061526214	1.625516856	0.078380744	0.060815681	-1.444692125	0.002196586	0.018751032
YGL02_GNYA1SO04IMAPB	3.426627107	1.37691721	-0.193394291	-0.181187921	0.797177266	-0.952760404	-0.350318004	0.005403404	0.035852281
YGL02.13478.C1	5.90209737	1.376009278	0.033231772	0.197501559	0.039821147	0.161661713	-0.670984055	8.23E-08	2.32E-05
YGL02.15756.C1	7.492353861	1.37584466	0.046048133	0.688945679	0.095059433	-0.413573143	-1.097429393	1.09E-06	0.000106274
YGL02_GNYA1SO04JGTDX	6.952676087	1.375698372	0.087418429	0.584279364	0.236376157	-0.39163032	-0.912080955	4.61E-05	0.001234656
YGL02.10569.C1	4.712204664	1.375360575	0.049196951	0.489491808	-0.362371872	-0.074537537	-0.660580441	0.001571182	0.014792052
YGL02.2361.C1	5.740390005	1.375109908	0.297045909	0.904160473	0.114042303	-0.245771922	-0.980708864	2.03E-05	0.000702752
YGL02.9633.C1	2.842298541	1.374990997	0.090629568	0.091116014	0.146201946	-0.973038488	-0.827151183	1.71E-05	0.000620709
YGL02_GNYA1SO04H25PV	6.530957191	1.374802778	-0.286568545	0.386128149	-0.198100499	-0.031248183	-0.397340906	5.65E-05	0.00141704
YGL02_GNYA1SO04JV161	5.083509076	1.374339858	-0.932593166	0.806489765	-0.328591626	0.515059072	-0.916468652	0.003992167	0.028744894
YGL02_GNYA1SO04I2HKX	6.280312339	1.373759673	-0.439025078	-1.082815292	0.022278658	-0.532529847	-0.494010812	0.004056638	0.029104321
YGL02_GNYA1SO04IX3YM	6.31489934	1.373554322	0.063612512	0.976564384	-0.643761731	-0.737982668	-1.178678496	0.000258348	0.004108681
YGL02_GNYA1SO04J0GCX	4.352733425	1.373195244	0.817969957	1.366997288	0.290989701	-0.541109382	-1.022297113	0.000125126	0.00247599
YGL02.17561.C1	6.00991523	1.372916282	0.107072216	0.248315063	0.026401837	-0.749950286	-1.170345806	0.000188759	0.003294326
YGL02.21903.C1	4.608277362	1.37279543	0.292170483	0.903145411	0.244126502	-0.273314154	-0.877297959	0.000322659	0.004815452
YGL02_GNYA1SO04IAW7E	2.92305499	1.37270629	0.432356831	0.571675141	-0.125082976	-0.346164739	-0.376265475	0.004475169	0.031227754
YGL02_GNYA1SO04I2W9W	4.43503962	1.371549534	0.96330247	1.484025021	-0.488102285	-0.998999925	-1.467188883	0.004981332	0.033801702
YGL02_GNYA1SO04ICUB9	2.802839358	1.371441349	0.04316727	-0.001485794	0.010246166	-0.496359654	-0.873433818	0.000863953	0.009666491
YGL02_GNYA1SO04IHXQD	3.66164059	1.371378535	-0.395917038	1.687210458	0.145290271	0.833151187	-1.465684649	0.004186911	0.029769719
YGL02.4693.C1	8.352192187	1.371322479	0.179166588	0.682303207	-0.180656069	-0.25584472	-0.859684023	2.00E-08	1.16E-05
YGL02.14329.C1	6.159186238	1.371241748	0.801451791	1.186032278	0.066383403	-0.522880315	-1.169994863	9.74E-05	0.002084189
YGL02_GNYA1SO04IHQPV	5.150987332	1.370691186	1.021499901	1.306487196	0.004188032	-0.968059008	-0.848262535	1.72E-05	0.000621196
YGL02_GNYA1SO04JO563	2.693641209	1.369356612	0.027361855	-0.055526933	0.599399694	-0.767889094	-0.479044125	0.001279436	0.012751803
YGL02.2126.C1	10.84520974	1.369053587	0.419876179	1.462336158	-0.07297604	-0.224584263	-1.430085615	2.06E-07	3.73E-05
YGL02.2761.C2	3.056443645	1.368790748	0.25968313	0.687577716	-0.341498225	-1.007529556	-1.289958778	0.006098469	0.039109513
YGL02.3303.C1	4.094249263	1.368614156	-0.649087592	0.79648746	-0.415352468	0.439333733	-1.253995187	0.001314841	0.013004586
YGL02.9154.C1	4.820803312	1.368444557	0.644533437	1.534991819	0.192728128	-0.960766866	-1.122386869	3.18E-08	1.43E-05
YGL02.21567.C1	4.09256718	1.368403106	1.008235675	0.966264301	-0.617194605	-0.813857072	-1.497163604	0.000318092	0.004770381
YGL02.13354.C1	4.724580979	1.368345276	-0.111262237	0.221238864	-0.28528528	-0.336641117	-0.590186316	7.19E-05	0.001681756
YGL02.2550.C1	3.588253766	1.368331724	0.604287813	0.803422902	-0.040222092	-0.505883564	-0.858393385	0.00242431	0.020125828
YGL02.11279.C1	3.310398683	1.367977278	0.010604247	0.119575194	-0.245241373	-0.577469666	-1.46383698	0.001321228	0.013043851
YGL02.22706.C1	2.823717739	1.367850751	0.256708477	-0.017562039	-0.002679038	-1.170426047	-1.243793859	2.12E-05	0.00072292
YGL02_GNYA1SO04I5VGN	4.707321719	1.367543709	0.142647701	-0.299686163	-0.866157328	-0.034809791	0.290917792	0.004612371	0.031930504
YGL02_GNYA1SO04IDIJC	4.591199328	1.36653137	0.786320361	1.238268975	-0.138456728	-0.319608679	-0.560084519	4.04E-05	0.001129371
YGL02_GNYA1SO04JWS97	6.944762833	1.366248854	-0.074620586	-0.099469782	0.02622117	-0.338813191	-0.647887945	2.72E-06	0.000187806
YGL02.12265.C1	5.603673428	1.366029977	-0.398446426	0.302185266	0.034558745	0.071133614	-0.639742802	2.34E-05	0.000773857
YGL02_GNYA1SO04JQPLR	6.037298013	1.365953922	0.605684387	0.795242643	-0.183317507	-0.542247734	-1.486349069	0.000117963	0.002374257
YGL02.19052.C1	8.242438821	1.365482158	0.30196554	1.002118862	-0.145884538	-0.341595095	-1.043240286	9.52E-07	9.80E-05
YGL02_GNYA1SO04H4KFR	5.106595684	1.365362991	0.342383017	1.107761417	-0.242293141	-0.463637134	-0.622158413	0.001714156	0.015741637
YGL02.11857.C1	5.986351647	1.365008206	0.359402741	0.41098236	0.041855527	-0.547675963	-0.572028488	3.39E-07	5.08E-05
YGL02.4113.C1	5.637820271	1.364720018	0.442763272	0.691918432	-0.076571947	-0.528084299	-0.688517155	0.000440521	0.005968552
YGL02_GNYA1SO04JFTUW	6.688136629	1.364245275	-0.382027791	0.034474362	0.390898151	0.001338499	-0.736084093	4.17E-07	5.75E-05
YGL02.12667.C1	7.592116474	1.363454866	-0.022801567	0.711183123	0.017331049	-0.306596992	-0.926115849	3.28E-08	1.44E-05
YGL02.2433.C1	7.270299085	1.363108686	0.448846364	0.648324016	0.002387537	-0.50878292	-0.767084609	1.73E-09	3.68E-06
YGL02.22794.C1	4.619319684	1.363021981	0.031872379	0.700734708	-0.005205436	-0.380916184	-0.785574613	6.11E-05	0.001492846

YGL02_GNYA1SO04JY4NI	11.73423135	1.362496515	-0.172664619	-0.165250217	-0.014899224	-0.310496507	-0.506045219	1.48E-09	3.44E-06
YGL02_GNYA1SO04JGEA3	6.101192471	1.362405236	0.337057638	0.663167012	-0.02893487	-0.325127492	-1.461039856	0.002776397	0.02220219
YGL02.21682.C1	2.84007821	1.362202609	0.102588553	0.015408185	0.053913376	-0.841816379	-0.716074067	0.00156153	0.014739753
YGL02.4724.C1	7.296767384	1.361700884	0.128873034	0.717991882	-0.149826396	-0.448292125	-1.245586833	3.00E-08	1.42E-05
YGL02.19791.C1	3.740563019	1.361698609	0.635318667	1.42987192	0.051278586	-0.716076193	-1.441831407	0.004400683	0.030860981
YGL02.15208.C1	7.81596316	1.36124095	0.460171616	0.880712207	-0.095678211	-0.468786588	-0.934015598	3.01E-09	5.09E-06
YGL02_GNYA1SO04JND3O	6.040109273	1.360966954	0.025471748	1.101981404	0.074526602	-0.021786236	-0.819769401	0.000870583	0.009717175
YGL02.3553.C2	3.923765799	1.36050307	-0.241507485	0.646739089	-0.047407448	0.675622652	-0.660347617	0.001133828	0.011706929
YGL02.22378.C1	2.643970443	1.360404589	0.325452485	0.313182906	0.998458309	-1.150234326	-1.226700406	0.002023333	0.017698246
YGL02.17453.C1	6.874933705	1.360188345	-0.023297066	0.489989171	-0.062608072	-0.26895431	-1.139373318	5.52E-06	0.000295422
YGL02_GNYA1SO04I6I15	5.021249617	1.359634628	0.401544625	1.450207484	-0.159537898	-0.495399238	-1.294944135	0.000162551	0.002964042
YGL02.22226.C1	5.805613956	1.359462483	-0.472273373	0.171329901	0.141877261	-0.325990726	-0.86616024	0.000282105	0.004385059
YGL02.19423.C1	6.121776109	1.359312234	0.698274877	0.750628887	-0.353563879	-0.563605217	-0.905755764	2.37E-06	0.000173109
YGL02.8907.C1	7.704760759	1.359003711	0.399649679	0.38883815	0.161187624	-0.424478877	-0.752027521	3.75E-07	5.37E-05
YGL02.4539.C1	6.066561806	1.358878756	-0.594208027	0.054912326	-0.30445668	0.130496386	-0.535399968	0.000599093	0.007422624
YGL02.2021.C1	6.116611892	1.358772837	-1.373820639	-0.156911333	-0.261741255	0.410894079	-0.640402165	0.000838155	0.009462881
YGL02.3698.C1	5.106453773	1.358564566	0.662641339	1.254715056	-0.102624875	-1.381905236	-1.453486236	7.75E-06	0.00036853
YGL02.22827.C1	4.224972391	1.358503594	0.712038265	2.026125666	0.189319779	-0.294937858	-1.49109128	0.003753674	0.027494289
YGL02.441.C1	9.782951449	1.358234725	0.004068175	0.143909088	-0.121626413	-0.130902728	-0.431768126	2.14E-07	3.84E-05
YGL02.19205.C1	3.095335668	1.357920779	-0.1047742	0.017188145	0.00620599	-1.130245756	-1.46900834	7.99E-05	0.001811468
YGL02_GNYA1SO04IXSGB	3.624741692	1.357357592	0.199068046	-0.017744117	-0.022058429	-0.415250761	-1.608053467	0.006748557	0.042011506
YGL02.22306.C1	7.085535498	1.356834889	0.518905966	1.007867661	-0.046157265	-0.577958996	-1.356572058	6.34E-08	2.06E-05
YGL02.19064.C1	5.34907579	1.35660158	0.939678382	1.169816186	0.053963223	-0.715252911	-1.035762184	2.21E-06	0.000165452
YGL02_GNYA1SO04JRC2R	5.012339044	1.356504875	0.137954735	0.540592419	0.01602384	-0.42106529	-1.150308516	2.13E-05	0.000725497
YGL02_GNYA1SO04JBH3T	6.373895382	1.356197469	0.411830502	0.662852808	0.05295611	-0.414953418	-0.654960904	9.88E-08	2.56E-05
YGL02_GNYA1SO04IIM49	4.882828506	1.355267759	-0.185293228	1.380999111	-0.215991544	-0.591516233	-1.274614496	0.00016057	0.002939517
YGL02_GNYA1SO04IVVN9	10.21742609	1.355124439	0.034403462	0.767701083	-0.143758203	-0.39172918	-1.246288316	3.69E-06	0.000228688
YGL02.1830.C1	5.854591309	1.354862474	0.649000559	0.541435325	-0.436332365	-1.306093227	-1.0732144	0.000348927	0.005088439
YGL02_GNYA1SO04IZ0KT	6.468176232	1.35418514	-0.356596719	0.930874898	-0.01763768	-0.476881373	-1.068186699	1.08E-06	0.000105915
YGL02.20751.C1	3.721073764	1.352397486	-0.283850192	0.262502279	-0.367849287	-0.658815415	-0.797731391	0.000579986	0.007262669
YGL02_GNYA1SO04H57N0	5.174859584	1.351044013	0.561814893	0.793496933	0.193869149	-0.565414006	-0.854015408	2.27E-06	0.000167443
YGL02_GNYA1SO04JFT0Q	4.678201607	1.350718845	0.170017811	0.494826783	-0.169808357	-0.052753546	0.061373136	0.000499532	0.006514437
YGL02.2857.C1	5.596879433	1.350637191	0.128228509	0.789454855	0.223256354	-0.254364811	-1.026587862	1.36E-05	0.000530012
YGL02_GNYA1SO04JNRS5	8.188134938	1.350562213	0.472380803	0.903228462	0.711512327	-0.369335101	-1.32892937	0.000177314	0.003148461
YGL02.1411.C2	4.349566533	1.350436673	0.295227539	-0.553815413	-0.301974052	-0.304800481	0.149724033	0.001488578	0.014220093
YGL02.11366.C2	7.746263498	1.350348688	0.756605411	1.230667552	0.004232273	-0.408295281	-1.506167326	0.000222728	0.003701547
YGL02.4149.C1	6.248909735	1.34990021	-1.054841539	-0.189201235	-0.071017757	-0.040601008	-0.929315903	5.64E-05	0.001415295
YGL02_GNYA1SO04JN73D	4.523082011	1.349491107	0.826539521	1.874259692	-0.26658818	-1.219714928	-1.933953414	0.002266605	0.019184342
YGL02_GNYA1SO04IC8HT	4.829817235	1.349479488	0.144410418	0.416238605	0.240269679	-0.402273728	-0.297513922	0.000214838	0.003606092
YGL02_GNYA1SO04IYFI7	4.900833495	1.349202888	0.721603898	0.776204928	-0.278015235	-0.515495856	-0.799871367	0.002111856	0.018208981
YGL02_GNYA1SO04JHUNW	9.325178534	1.348660627	-0.089427348	-0.011246222	-0.190088162	-0.404972667	-0.535133189	1.20E-07	2.78E-05
YGL02.22139.C1	3.152774496	1.348393952	0.237700023	2.159564368	-0.059484067	-0.457922108	-1.676858109	0.006716935	0.041871012
YGL02.2144.C1	7.20860086	1.34836522	-0.46877186	0.697891727	0.286982366	-0.075166846	-1.566758546	1.32E-06	0.00011998
YGL02_GNYA1SO04I5CUQ	4.121724815	1.348306759	-0.44652202	1.003510089	-0.216581582	0.150483462	-1.128546219	0.004574653	0.031728758
YGL02_GNYA1SO04IKK5V	4.759026589	1.34822246	0.200259747	0.625203127	-0.092302222	-0.440133306	-0.626797036	0.000195936	0.003380426
YGL02.16125.C2	3.811859358	1.347979243	1.008913569	0.702648382	0.136692335	-0.678212701	-0.957525771	1.04E-05	0.000445965
YGL02.18336.C1	5.819499914	1.347844783	0.154057603	0.303759243	-0.117138037	-0.249301706	-0.845096978	2.91E-05	0.00090282
YGL02.12997.C1	4.502294259	1.347588142	0.101245558	1.58694354	-0.838190054	-0.320274357	-1.445558518	0.006377241	0.040353717
YGL02_GNYA1SO04JVHOJ	6.603955828	1.347235472	-0.103140103	0.806461169	-0.291233114	-0.090803469	-1.279760386	0.000145002	0.002744034
YGL02_GNYA1SO04IFJGQ	5.790731398	1.347160406	0.366033348	0.304324864	-0.140343689	-0.273577672	-1.261358476	6.96E-05	0.001639991
YGL02.4378.C2	5.241160021	1.346173225	0.290611847	0.590348738	0.009858614	-0.539300872	-0.93072373	2.98E-06	0.000198699
YGL02_GNYA1SO04JP2TO	8.149960344	1.345888586	-0.016184439	-0.008918328	-0.383280568	-0.318255242	-0.634171152	1.19E-05	0.000484191
YGL02.8394.C1	5.175530397	1.345766434	0.20738216	0.850165169	0.081763428	-0.322754398	-1.030566837	7.78E-05	0.001778297
YGL02_GNYA1SO04IUYCY	7.034995784	1.345282222	-0.40894604	0.411072995	0.067385185	0.198478661	-0.665231102	1.96E-06	0.000153833
YGL02_GNYA1SO04IV4FY	6.092926347	1.344604667	0.451956475	1.460347333	-0.183453713	-0.24546749	-1.296234369	2.59E-06	0.000183042
YGL02.18484.C1	3.019699108	1.344213119	0.435580446	0.73139173	-0.109442454	-0.526574989	-1.422326426	0.00131831	0.01302391
YGL02.22137.C1	3.805397349	1.343575344	0.203655085	0.32501543	-0.393356921	-0.250602924	-0.14013002	0.000204167	0.003476552
YGL02_GNYA1SO04IG3TU	5.885334288	1.3434071	0.517382325	0.927286797	-0.146164082	-0.479251096	-0.521772682	1.23E-05	0.000493382
YGL02.23201.C1	3.041077233	1.343138859	-0.185981137	0.427255148	0.149363705	0.235604999	-0.41253871	0.005456964	0.036111446
YGL02.15883.C1	6.839851587	1.342747228	0.296233476	1.078141074	-0.341464023	-0.186110535	-0.842754753	1.61E-06	0.000135749
YGL02_GNYA1SO04I9VFL	6.360587076	1.342440406	0.573009036	1.145194699	0.016664693	-0.471449983	-1.118373731	1.59E-06	0.000134718
YGL02_GNYA1SO04IG46V	3.012075422	1.342302406	0.986500762	1.765658174	-0.260851037	-1.047892609	-1.156959614	0.001084602	0.011335134
YGL02_GNYA1SO04H5V75	3.372262335	1.342218663	0.264055155	0.40586008	0.302907219	-0.244858111	-0.508186084	0.000402111	0.005614885
YGL02.3868.C7	6.443863115	1.341975748	-0.082951162	0.140323387	-0.142439648	-0.09264088	-0.836790872	0.00015111	0.00282332
YGL02.20640.C1	6.644150172	1.3413569	-0.256157478	0.375310044	-0.213508895	-0.049336686	-0.940141853	7.03E-06	0.000346135
YGL02_GNYA1SO04H2L2Z	3.660626638	1.341236767	-0.459700066	0.642926399	0.391099672	0.390071292	-0.971082637	0.003707631	0.027246064
YGL02_GNYA1SO04ITNO6	5.882134493	1.341024893	0.584401773	0.971900064	0.041042201	-0.416867023	-1.030130609	1.63E-05	0.00060052
YGL02.6451.C2	3.951626578	1.340458972	0.513917872	1.244214481	-0.06639409	-0.592387192	-1.193914016	0.00269015	0.021691688
YGL02_GNYA1SO04I1O6H	8.222915095	1.340314237	0.055604123	0.297815847	0.018627671	-0.434009633	-0.91359537	4.93E-07	6.43E-05
YGL02_GNYA1SO04JK8UM	4.792620853	1.340148239	0.094474283	0.626482714	-0.258103503	-0.860508573	-0.696002661	7.39E-06	0.000357127
YGL02.17620.C1	5.456440395	1.339352322	0.388723749	1.062598614	0.237685073	-0.284894687	-0.684408527	5.30E-06	0.000288293
YGL02.9788.C1	5.38269512	1.339023265	0.961198117	1.454349904	-0.442346692	-0.726811167	-0.994124701	5.63E-06	0.000300013
YGL02_GNYA1SO04H0JGS	3.106015167	1.338853638	-0.20422952	0.832540897	0.130102142	0.737300949	-0.00536029	0.000277669	0.0043338
YGL02.14690.C1	4.576965958	1.338472719	0.307641195	0.471289897	-0.133207881	-0.193018808	-0.352368902	0.000369986	0.005294764
YGL02_GNYA1SO04IT83V	4.827630138	1.338389064	0.09642721	0.930241045	0.279691286	-0.554930213	-0.829673429	8.24E-05	0.001853745
YGL02.6233.C1	7.837230978	1.338245986	0.126670993	0.0311169	0.297966235	-0.427603297	-0.638654446	2.28E-06	0.000168132
YGL02_GNYA1SO04JCQFZ	6.804845384	1.338166739	0.912511533	1.249136588	0.185876685	-0.607162815	-0.915099246	1.79E-06	0.000145725
YGL02_GNYA1SO04JNJKP	3.650873107	1.338050666	-0.450898566	0.664753609	0.060418306	0.570320778	-0.851853507	0.00384409	0.027967934
YGL02.6793.C1	3.02108275	1.337735964	-0.195046168	0.678580006	0.325957469	-0.131404289	-0.723692157	6.48E-05	0.001556236
YGL02.15214.C1	6.954462971	1.337707737	0.303432683	0.858911537	0.175171865	-0.470940725	-0.865891624	4.54E-07	6.06E-05
YGL02.19631.C1	4.389377324	1.337681056	0.92654153	0.798208297	0.259945855	-0.936976598	-1.277641329	0.000432938	0.005898421
YGL02.19876.C1	6.331805228	1.337289941	0.5415088	0.780241523	-0.034056439	-0.523772463	-0.746964232	3.98E-06	0.000240312
YGL02.8204.C1	9.762482723	1.337187363	-0.541565436	0.621567878	0.026683985	0.012010965	-0.91902058	1.92E-07	3.59E-05
YGL02.15024.C1	3.895906458	1.337059434	-0.682412378	0.02481355	0.057991586	0.005740772	-1.537101573	0.00239695	0.019970394
YGL02.3987.C2	3.650909373	1.33677738	0.944548725	1.090227194	-0.404046039	-1.437233194	-1.437755219	0.000981535	0.010576353
YGL02.13392.C1	7.31070539	1.336577344	0.410190583	0.85432351	0.019727305	-0.539413311	-1.115446328	7.08E-08	2.12E-05
YGL02.1355.C1	6.684076213	1.336378554	0.700704954	1.341452063	0.146831885	-0.50430139	-1.371049923	2.21E-06	0.000165695
YGL02.5310.C1	3.863757237	1.336298906	-0.296863112	0.260688947	0.421276852	-0.410679003	-0.582955917	0.004645787	0.032098344
YGL02_GNYA1SO04IH9RY	7.550040157	1.335718095	0.403046042	0.952350296	-0.449880875	-0.418868561	-1.452304749	0.000411064	0.005699952
YGL02.20930.C1	4.489658064	1.33553547	1.380192597	0.157869565	-0.067673858	-1.311996163	-0.901658759	1.19E-05	0.000484519

YGL02.20190.C1	6.954555943	1.335339387	0.757889027	0.894453336	0.028162778	-0.600839308	-0.712968373	1.45E-07	3.05E-05
YGL02.1981.C1	7.871524486	1.335089882	-0.012049094	0.295276846	0.017075633	-0.140660797	-0.692254074	2.04E-06	0.000157617
YGL02.12098.C1	6.560028573	1.334960451	0.019773346	0.103857307	-0.519669716	-0.584443998	-1.192113212	2.52E-05	0.000812314
YGL02_GNYA1SO04JWBAT	3.436840352	1.334774294	0.704400969	2.359648156	-0.203201932	0.286051459	-0.748456451	0.000264342	0.004179689
YGL02_GNYA1SO04I1VXT	4.123520289	1.334696478	0.75760557	0.516978845	-0.025068897	-0.878952892	-0.698290586	0.000687043	0.008200052
YGL02_GNYA1SO04IL5GU	6.216824921	1.334621091	-0.484631817	0.028227426	0.136353454	0.088168998	-0.741494283	0.000756027	0.008800529
YGL02_GNYA1SO04ILYMH	7.170173372	1.333664663	-0.270188291	0.868106484	-0.249471226	-0.051072956	-1.103879127	0.001554493	0.014692614
YGL02.19540.C1	3.372754693	1.333551776	0.762147557	0.716252725	-0.288482225	-0.691865181	-0.49226547	9.71E-06	0.000425762
YGL02_GNYA1SO04IUXYA	9.120455652	1.333215329	0.02998133	0.581081725	-0.022032335	-0.233443642	-0.616258357	2.45E-07	4.14E-05
YGL02_GNYA1SO04II7SM	8.114523835	1.332160994	0.243164159	0.815618666	0.570007461	-0.347806496	-1.534659905	7.40E-06	0.00035738
YGL02_GNYA1SO04IOORZ	5.777439413	1.331884678	-0.601327689	-0.624032368	-0.456806504	0.216920118	-0.379247516	0.005038926	0.03408179
YGL02_GNYA1SO04JOA59	8.183501179	1.331879021	0.148013224	0.564385697	0.190516905	-0.47727767	-1.099900094	1.30E-05	0.000514192
YGL02.12989.C1	5.588665268	1.331744397	0.175316037	0.689709524	-0.463875922	-0.289732373	-0.880931314	4.62E-05	0.001236833
YGL02.5804.C5	3.300725188	1.331635127	0.52641494	0.987814833	-0.279727234	-0.346469687	-0.768557183	0.001410048	0.013673624
YGL02.22081.C1	6.585876589	1.33102408	0.409779211	0.642606985	-0.188222838	-0.497052945	-0.541464135	6.73E-06	0.000336374
YGL02.20654.C1	7.62647764	1.330930714	0.011588452	0.930190087	0.236624484	-0.126509763	-1.00551081	1.14E-07	2.72E-05
YGL02.9688.C1	6.901844855	1.330555077	0.183028578	1.443903377	0.318164569	-0.286231324	-0.823993533	8.51E-09	7.34E-06
YGL02.1320.C1	5.499769709	1.330424943	0.586098403	0.735536733	0.068741977	-0.375702679	-0.85434751	6.30E-06	0.000321558
YGL02.14585.C1	3.435835212	1.330054668	-0.254648185	0.635383072	-0.100531179	-0.206575547	-1.535733183	0.000857262	0.009614059
YGL02.8267.C1	4.707393426	1.329604117	0.291374652	0.715427051	0.485978183	0.025967212	-0.557505788	8.33E-09	7.34E-06
YGL02_GNYA1SO04I80VB	6.18407613	1.329537809	-1.01261383	0.048234441	0.010795664	0.316459279	-1.444455407	0.002440846	0.020225507
YGL02.21899.C1	2.845997598	1.329360216	-0.180585604	-0.077836135	0.186564092	0.040382782	-0.881938903	2.68E-05	0.000847219
YGL02_GNYA1SO04H1WYU	6.749945175	1.329294994	-1.133298373	-0.306585073	0.111460259	-0.13557053	-0.376974445	0.000124917	0.002473926
YGL02.17771.C1	7.870710345	1.329254578	0.175477901	1.029246166	-0.407949434	-0.424824549	-1.069179246	5.64E-09	6.70E-06
YGL02_GNYA1SO04H64S5	3.74023948	1.32923832	0.22260939	1.01635965	0.112549752	-1.229804711	-0.895830086	0.001833829	0.016512084
YGL02.6488.C1	3.686103088	1.328757066	-0.676387328	0.407344904	-0.227557044	0.294521205	-1.467061923	0.000140341	0.002681697
YGL02.16417.C1	4.48673937	1.328544879	0.545602773	0.181558208	0.150114556	-0.674985479	-1.537989013	0.003778289	0.027622661
YGL02.5152.C1	5.214970787	1.328272183	0.524337048	0.910430592	0.025261656	-0.2117934	-0.511507402	0.000330236	0.004896923
YGL02_GNYA1SO04IZHQJ	5.299377376	1.327963519	0.388540173	1.459131324	-0.082378344	-0.521820127	-1.210988289	0.000363373	0.005228441
YGL02_GNYA1SO04JMC9Z	7.261323232	1.327303744	-0.222601263	0.394718118	-0.20551009	-0.366232183	-1.21612424	4.34E-06	0.000253442
YGL02.12513.C1	6.259854115	1.326382129	0.215636737	0.714091828	0.16704387	-0.410509129	-0.986819423	6.96E-06	0.000343489
YGL02_GNYA1SO04JUAJO	6.647369708	1.326062867	0.431422625	1.235114164	0.204593024	-0.314245385	-1.145246421	9.21E-06	0.000411572
YGL02.5454.C1	2.786620754	1.325974776	-0.044111268	0.179753309	0.116273831	-0.232542388	-1.187464393	0.002896072	0.022859627
YGL02.4356.C1	2.875179958	1.325960434	0.270580486	0.054777216	0.090426233	-1.046625169	0.294313828	0.001193995	0.012146094
YGL02_GNYA1SO04IG216	4.07840431	1.325955558	0.294507113	0.412212468	-0.626237768	-0.707703834	-0.166380156	0.002110586	0.01820695
YGL02.8536.C1	7.730832781	1.325685286	0.210315072	0.335459207	-0.056079286	-0.443329044	-0.515024775	3.31E-10	3.18E-06
YGL02.6737.C1	9.543684134	1.325626146	0.667592443	1.450022014	0.36802567	-0.491506402	-1.016427592	9.53E-06	0.00042046
YGL02.22038.C1	4.440631707	1.325463986	0.869210731	0.505744092	0.186401759	-0.968722149	-0.567932204	0.000765042	0.008873382
YGL02_GNYA1SO04IQ9YZ	2.980680689	1.325445505	0.048414099	0.281887632	-0.227256273	-0.096212312	-0.611899844	0.001703871	0.015674329
YGL02.10730.C1	7.449368047	1.325162629	-0.082616783	0.026121793	0.291601215	-0.36653149	-0.655397401	1.34E-06	0.000120539
YGL02.14291.C1	4.940187564	1.324838631	0.338430966	1.51604654	-0.340594639	-0.439261732	-1.0166916	0.000753095	0.008774254
YGL02.17940.C1	6.591357567	1.324131966	-0.009019448	0.736840459	-0.057272253	-0.305604521	-0.95696653	1.57E-05	0.00058605
YGL02.2098.C1	5.533156798	1.324080538	0.69567513	1.587658943	-0.493571475	-0.553148802	-1.519192484	4.42E-05	0.001201956
YGL02_GNYA1SO04JBM8X	5.258695147	1.32396059	0.07493641	0.265689568	0.111578808	-0.291261979	-1.189122556	0.000899773	0.00995545
YGL02_GNYA1SO04H4KUS	4.409840531	1.323513112	1.002248291	0.325670484	-0.139742096	-1.388268031	-1.160149963	0.001266396	0.012659838
YGL02_GNYA1SO04H4H3M	4.357433933	1.323249565	0.201482982	0.209871173	0.384518401	-0.204236196	-0.751667164	0.000187286	0.003273469
YGL02.21178.C1	4.014339793	1.32317357	0.048820815	0.485510483	0.726077339	-0.31297756	-1.100100851	0.000404131	0.005633715
YGL02.6950.C2	4.405409609	1.323128999	0.48116974	0.537771495	-0.083235646	-0.462312415	-1.680393845	0.00089616	0.009923954
YGL02.14309.C1	2.811390117	1.323089732	0.555089177	0.022510304	0.149436631	-0.791645718	-1.376496851	0.006832666	0.042366541
YGL02.2788.C1	6.00386575	1.322891899	-0.066599644	0.769853757	0.227665409	-0.043532741	-1.059572005	8.76E-06	0.000399349
YGL02_GNYA1SO04JEVHB	3.542198308	1.321844633	0.605825731	-0.445976382	0.26071326	-0.463679429	-0.555664562	0.008450162	0.049365162
YGL02.6542.C1	8.663417896	1.321250199	0.307680502	0.919486742	-0.037034612	-0.301412279	-0.974560208	7.43E-09	7.09E-06
YGL02_GNYA1SO04JFZ60	7.097850226	1.321200844	0.05682603	0.496337918	-0.121733245	0.015401901	-0.704377125	1.54E-07	3.14E-05
YGL02.22598.C1	7.713398231	1.320910405	0.171434365	1.021116611	-0.192865612	-0.177952829	-1.316299516	2.24E-06	0.0001664
YGL02_GNYA1SO04I3ZUH	3.601909636	1.320134412	1.021997758	1.16017713	0.78430564	-0.882655293	-1.316134241	0.003293395	0.025055071
YGL02_GNYA1SO04I0JO0	4.656493983	1.319769304	0.244600684	0.688507091	0.066599087	-0.268615108	-0.950149668	0.004645697	0.032098344
YGL02.23077.C1	4.977234852	1.319553721	-0.200135033	0.805583137	0.290143579	-0.472594453	-0.98177004	3.86E-05	0.001096808
YGL02_GNYA1SO04JXX8S	2.785588464	1.31946315	0.076893004	-0.014842391	0.029897455	-0.188683323	0.188416064	6.66E-06	0.000334085
YGL02.16870.C1	6.283020406	1.31910383	0.188055721	0.767179148	-0.01710026	-0.472796301	-1.03242182	5.58E-06	0.000297852
YGL02_GNYA1SO04IEEFI	4.970916827	1.319017092	0.155594631	0.369361112	0.488763426	-0.500044125	-0.42738242	0.001004709	0.01074558
YGL02_GNYA1SO04IHBKY	3.876951909	1.318541325	1.074526859	0.837471504	-0.394953042	-1.173374257	-1.069980856	0.00646636	0.040757786
YGL02.12995.C1	5.001473487	1.318287738	-0.390724747	-0.683619912	0.246946446	0.028425519	-0.04997527	0.003281916	0.024995647
YGL02.23204.C1	4.788371061	1.318097835	-0.278421504	0.534280339	0.080922812	0.25573581	-0.776057285	0.000474421	0.006289567
YGL02_GNYA1SO04ISAIX	6.58232419	1.317884548	-0.19563971	0.261520623	0.157575308	-0.002912246	-1.24496601	1.38E-06	0.000122988
YGL02.16258.C1	4.022331893	1.317470537	1.02566314	0.734599394	-0.183109628	-0.369030141	0.051625796	0.000671457	0.008069808
YGL02.18760.C1	5.838653572	1.316909984	0.800744284	2.111224344	0.441178424	-0.337655122	-1.196256273	0.000125098	0.00247599
YGL02.11891.C1	2.969925984	1.31683013	0.063877548	0.358964959	0.184839276	-1.039027917	-0.583789546	0.000419378	0.005777069
YGL02.13752.C1	6.461667757	1.31640144	-0.152712772	0.371180186	-0.488571827	-0.068785179	-0.596845109	0.00055286	0.00702386
YGL02.15561.C1	9.205488288	1.31597951	0.230923085	0.64433266	-0.032647199	-0.366657832	-0.814212332	1.71E-08	1.04E-05
YGL02_GNYA1SO04IRNFY	3.257174958	1.315967548	-0.351473909	0.398103033	-0.213147068	-1.232203145	-1.744007981	0.006154603	0.039339591
YGL02.11639.C1	3.156487136	1.31555225	0.495407431	0.595104074	0.393314169	-0.374918298	-0.954664488	0.002884875	0.022801337
YGL02.13504.C1	7.284086335	1.315203085	0.564527401	1.317512161	-0.442119489	-0.302706824	-1.193970956	9.23E-05	0.002010422
YGL02.13711.C1	3.829086246	1.315101472	0.275532935	0.625075679	0.47822382	-0.331397825	-1.040318839	0.003344676	0.025323216
YGL02_GNYA1SO04JOE5F	5.58272969	1.314799443	0.226578768	1.052101933	0.089384045	-0.65807632	-1.497842861	0.001069764	0.011231724
YGL02_GNYA1SO04JIPWP	4.203843103	1.314605737	-0.518166181	0.373090185	0.006028375	0.552392488	-0.588968318	0.006894507	0.042635193
YGL02.11138.C2	5.041146162	1.314605202	0.165483975	0.698363325	-0.458532864	-0.45647527	-0.673170801	0.001279354	0.012751803
YGL02.16513.C1	4.15530335	1.314232989	-0.177848577	0.059240299	-0.09662027	0.100113858	-0.265332325	0.001477939	0.014149039
YGL02_GNYA1SO04H424B	8.807069711	1.314002556	0.231524672	0.747269119	-0.313338922	-0.17646845	-1.470552022	3.65E-05	0.001056708
YGL02.631.C2	7.56308342	1.313957177	-0.667202371	-0.308038596	-0.031096114	0.269534835	-0.543585533	1.39E-07	2.98E-05
YGL02.2.C11	11.32680075	1.313620099	0.124101143	1.099241392	0.063752925	-0.322933775	-1.059430888	6.62E-08	2.08E-05
YGL02.14494.C1	5.611456115	1.313265664	-0.557271529	-0.021935914	-0.217427176	0.194690265	-0.478457181	3.22E-06	0.000209261
YGL02_GNYA1SO04I78LJ	5.185908199	1.312620717	-0.133590183	-0.176820905	-0.43122825	-0.331030004	-0.683684311	0.000104247	0.00218429
YGL02.15838.C1	3.999475735	1.312545133	0.465042418	1.154783832	0.410832595	-0.52237629	-1.181355796	0.000358901	0.005184836
YGL02_GNYA1SO04JXDZF	7.315796581	1.312210871	-0.297025006	0.340975357	-0.018040512	-0.039984474	-0.168411893	5.09E-05	0.001318178
YGL02_GNYA1SO04IMKUO	4.382121504	1.312112147	0.779247599	1.319728884	0.061009136	-0.863998945	-2.03479152	0.000756378	0.008802059
YGL02_GNYA1SO04IZ61S	11.19148383	1.31170262	0.321063368	1.256402303	-0.22798034	-0.449232329	-0.80802267	8.95E-08	2.42E-05
YGL02_GNYA1SO04JTECE	7.70553802	1.31169824	0.529049637	1.045986629	0.498221882	-0.36436097	-1.081355732	0.000684261	0.008181925
YGL02_GNYA1SO04JQV4U	8.713761329	1.311438665	0.134815894	0.927558057	0.063879504	-0.448017626	-0.931000175	8.49E-06	0.000391522
YGL02.10850.C1	6.817672222	1.311385685	-0.571900121	0.39812674	0.235705266	-0.081824619	-1.109957813	5.80E-06	0.000306017
YGL02.21497.C1	5.434103354	1.310645039	-0.235942907	1.088172569	-0.058217429	0.159274487	-1.058013432	0.000548403	0.006978866

YGL02.2371.C1	5.626114567	1.30987367	-1.153024189	0.251695259	-0.54132804	0.146153637	-1.174059695	0.002202541	0.018790717
YGL02_GNYA1SO04JHBV4	3.871906711	1.309868177	0.908890379	0.669883667	0.015923304	-1.367374722	-1.180872711	0.002303406	0.019411866
YGL02_GNYA1SO04IHRJW	4.59156559	1.309451809	0.682613805	1.405032979	0.080541719	-0.579543636	-1.487161773	0.005835844	0.037902056
YGL02.11119.C1	8.077349066	1.309313654	0.226316415	-0.09369951	0.299622127	0.029238976	-0.94915576	2.14E-06	0.00016264
YGL02_GNYA1SO04I893P	9.425101663	1.309309795	0.301065707	-0.012695313	-0.139865132	-0.098835847	-0.309711718	0.004100231	0.02932569
YGL02.20807.C1	9.214246904	1.309282991	0.113632713	0.56514926	0.071294871	-0.207554113	-0.908203113	1.62E-09	3.59E-06
YGL02_GNYA1SO04IEKFC	9.938888833	1.309274687	-0.092673686	0.446493182	0.132209085	-0.272628768	-1.181295315	6.18E-07	7.38E-05
YGL02_GNYA1SO04JVFQJ	4.857812311	1.309224473	0.210682024	0.258443311	0.07990752	-0.354854801	-0.576492798	0.001815846	0.016403772
YGL02_GNYA1SO04JVYKO	6.780417886	1.307892787	0.484673382	0.978379969	-0.357190151	-0.454431385	-0.695098114	0.000179939	0.003179821
YGL02.9678.C1	5.845314757	1.307382729	0.402945334	0.376399753	0.482387605	-0.742353769	-0.925967341	9.58E-09	7.71E-06
YGL02_GNYA1SO04IME96	3.046501249	1.30720517	0.199642114	0.07820852	-0.028193573	-0.25400867	-0.516593673	0.006229623	0.039691145
YGL02_GNYA1SO04JAACP	4.890539431	1.307069558	0.015506342	-0.284040167	0.066154941	-0.494616156	-0.420092515	0.003043133	0.02367837
YGL02_GNYA1SO04H29FS	5.359326896	1.306201464	0.329029121	0.700908094	0.070088406	-0.411776671	-0.970616747	0.00117182	0.011989042
YGL02_GNYA1SO04IWSSD	7.153040299	1.305986455	0.664254903	0.635794134	-0.217296333	-0.548778599	-0.935726997	6.87E-05	0.00162558
YGL02.4429.C1	5.589136873	1.305189417	0.155957658	0.116397018	0.028941801	-0.147496788	-0.622956627	1.93E-06	0.000152725
YGL02_GNYA1SO04JCN4Y	5.033952947	1.305114476	-0.088190613	-0.132511338	-0.127338292	0.011152647	-0.532556867	0.002952679	0.023156458
YGL02_GNYA1SO04JUU1B	4.439821592	1.304984263	0.674084974	1.142194409	-0.17217494	-0.924545686	-1.207215895	0.003192126	0.024496909
YGL02.14567.C1	7.513633039	1.304840344	-0.002378497	1.427050845	-0.207532626	-0.359168407	-1.292040745	2.90E-05	0.000900252
YGL02_GNYA1SO04H608L	7.175546839	1.304162103	0.285427788	-0.049955614	-0.159583103	-0.153309074	-0.256837297	0.002711161	0.021832563
YGL02_GNYA1SO04H19GI	6.114777248	1.303690524	-0.158595128	-0.030379729	0.210150365	-0.360518297	-0.7068601	0.000273347	0.004283382
YGL02_GNYA1SO04IQE2Y	5.544283681	1.303636766	0.750072895	1.235535312	-0.034831913	-0.684274637	-1.110419497	0.000412064	0.005711371
YGL02.11606.C1	5.055339017	1.303628331	-0.335917741	0.451969337	0.460915519	-0.582530359	-1.018989735	1.18E-06	0.000112923
YGL02.2879.C1	7.347677478	1.303563164	-0.168343201	0.188561247	-0.056042531	-0.08975166	-0.754108884	1.73E-08	1.05E-05
YGL02.4454.C1	5.469141465	1.303175882	-0.785840905	0.19079065	0.22500177	0.218835047	-0.284433817	0.000837847	0.009460229
YGL02.15390.C1	7.051742038	1.302826244	-0.131742741	0.234174615	-0.211227514	-0.169982794	-0.774654693	4.79E-07	6.28E-05
YGL02_GNYA1SO04IY8WP	4.438023701	1.302687796	-0.744761538	-1.006325581	0.108152545	-0.270310718	-1.0337186	0.001171484	0.011986778
YGL02_GNYA1SO04IF5RU	5.346045511	1.302553192	0.409308263	-0.420856796	0.12089817	-0.640357647	-0.290026717	4.76E-05	0.001261577
YGL02.9082.C1	2.7270167	1.302044063	-0.112850179	0.131778486	0.253698455	-0.784154156	-1.169315977	1.62E-05	0.000599511
YGL02_GNYA1SO04JOB3D	5.644932364	1.301623315	-1.124391762	-0.071465188	-0.324757854	-0.288441485	-0.778721644	0.005264297	0.03519437
YGL02_GNYA1SO04JJZT4	5.504198494	1.301001457	-0.197874351	0.666923494	-0.016025002	-0.00428861	-1.33558352	0.005045151	0.034114981
YGL02.23109.C1	3.423267433	1.300385364	0.243057657	0.721597555	0.151581518	-0.248953161	-0.997412557	0.002553862	0.02088624
YGL02_GNYA1SO04H3QA5	5.975636117	1.300097163	0.203675667	-0.116223508	0.076328856	-0.222951503	-0.238474951	5.96E-05	0.001468823
YGL02_GNYA1SO04I9IZ0	4.411841969	1.299606139	-1.213866995	0.480128887	0.038874896	0.776996875	-1.523945053	0.007021291	0.043221081
YGL02.12112.C1	4.924728189	1.299217577	0.707930301	0.110048443	-0.001411822	-0.019496537	-0.122664343	1.42E-06	0.000125721
YGL02.14404.C1	8.463351875	1.298661339	-0.041107808	0.100596419	-0.083909259	-0.299031973	-0.463289634	1.03E-05	0.000443146
YGL02.547.C1	5.582768605	1.297915848	-0.740675275	0.158280261	0.090983562	1.090360042	-0.01814763	0.00248333	0.020482098
YGL02.21378.C1	3.384547579	1.297741312	0.377457753	-0.019037935	0.120058694	-1.961132795	-0.037652407	0.00230964	0.019443111
YGL02.20823.C1	5.442469499	1.297688773	0.209601121	0.06708291	-0.087099873	-0.078240228	-0.236920021	3.23E-06	0.000209783
YGL02.2490.C1	7.680335881	1.296864079	0.49250223	0.875246668	-0.01821109	-0.223174038	-1.071300564	1.25E-06	0.00011651
YGL02.1411.C12	6.993154002	1.296826834	0.124208769	0.082062661	0.109497202	-0.316314702	-0.447436439	1.09E-07	2.65E-05
YGL02.15993.C1	6.884214199	1.296752603	-0.363423828	0.522940365	-0.12675146	-0.321662511	-1.140858744	0.000424799	0.005827148
YGL02_GNYA1SO04JCN6E	5.358221329	1.296544393	0.301373932	0.842896784	0.027547704	-0.357665017	-1.107576387	0.00017022	0.003063666
YGL02_GNYA1SO04JKO5S	7.370359573	1.296305215	0.435890892	0.807010017	-0.062536222	-0.427101336	-1.376834573	5.36E-06	0.000290595
YGL02_GNYA1SO04IHGP5	8.668690549	1.29617875	0.318201776	0.476982873	-0.258896665	-0.261418789	-0.431597651	4.27E-09	5.88E-06
YGL02.3888.C1	6.033241991	1.296176651	0.35368543	0.834907557	0.181111702	-0.249489816	-0.536558953	0.000349058	0.005089768
YGL02.2311.C3	5.342719621	1.295789985	0.668924008	0.884370617	-0.061967083	-0.503960328	-0.861203716	0.006703454	0.041817173
YGL02.1411.C7	8.004415688	1.295789391	-0.00932332	-0.166245927	-0.239793231	-0.450467657	-0.643590628	1.88E-07	3.54E-05
YGL02.23331.C1	5.559647049	1.294861207	0.213190567	0.894962428	-0.014400575	-0.466286911	-1.306380637	1.58E-06	0.00013455
YGL02.7937.C1	3.872274953	1.294694423	0.793163541	2.083500921	0.650567661	-0.127661001	-1.488077052	9.98E-05	0.00212162
YGL02_GNYA1SO04IZA5Z	7.129814391	1.294138806	0.266112316	0.884503158	0.179528144	-0.461301576	-1.048153638	9.98E-06	0.00043393
YGL02.19170.C1	3.220742882	1.294083396	0.429993758	0.778974836	0.117554814	0.483516724	-0.207026206	0.002954697	0.023165635
YGL02_GNYA1SO04I7NCD	5.883647791	1.293682357	0.475395286	-0.180825511	0.209280656	-0.762639485	0.200501878	0.000426721	0.005838295
YGL02.7982.C2	6.720475261	1.293647325	0.338377316	0.340722078	0.058041084	-0.212277571	-0.041667442	6.11E-05	0.001492846
YGL02.9382.C1	8.699310154	1.29342122	0.383508066	0.885496384	0.251309641	-0.496273226	-1.495191451	6.38E-06	0.000324657
YGL02.6599.C1	6.512907842	1.293053096	0.530159025	0.847733371	0.044568831	0.095371601	-0.427766168	2.65E-07	4.32E-05
YGL02.11473.C1	10.15288855	1.292783278	0.494648009	0.663973474	0.095851288	-0.352460879	-0.988175105	3.86E-09	5.56E-06
YGL02_GNYA1SO04IA87W	8.37622906	1.29269463	0.011812982	0.615913403	-0.177527381	-0.10479134	-0.58885922	8.79E-07	9.32E-05
YGL02_GNYA1SO04J0WHY	4.988991967	1.292527741	0.729051633	0.654513703	0.68507847	-0.37471525	-0.617328307	0.000708281	0.00838476
YGL02.2527.C1	5.278125801	1.292334584	0.0494054	0.768211555	-0.425018919	-0.040291587	-0.908822697	0.006745917	0.042003149
YGL02.295.C2	6.848934795	1.292117703	-0.068041586	-0.173664446	-0.094609524	-0.148658991	-0.70911772	1.64E-06	0.000137445
YGL02.19118.C1	3.87000619	1.291634908	0.7152047	1.621136582	-0.616779196	-0.383680564	-0.786410974	0.005717983	0.03738407
YGL02_GNYA1SO04IWABS	4.580624728	1.29161409	-0.075668703	1.147537026	-0.191617426	-0.486130808	-0.983081457	0.002436533	0.02020011
YGL02.22943.C1	7.801283848	1.291608266	0.082032681	0.488638883	-0.066936558	-0.194958918	-0.813387595	5.49E-06	0.000294697
YGL02_GNYA1SO04IAPGU	6.555748654	1.291563874	0.132576732	0.719040331	-0.054030065	-0.282538925	-1.160010963	0.001590857	0.014913452
YGL02.11263.C1	5.69263477	1.291104594	0.151948324	0.142060895	-0.386534792	-0.415254241	-0.886603724	2.15E-05	0.000729523
YGL02.19378.C1	3.567134958	1.290972874	0.385486361	0.255452327	-0.294693962	-1.578483716	-1.149963784	0.007018686	0.043209151
YGL02.5766.C1	4.499405338	1.290888226	-0.284640407	0.379912094	0.044615559	-0.271826597	-0.599107707	0.000721844	0.008507982
YGL02.7784.C1	5.505953402	1.290814692	-0.293397798	0.746055605	-0.160292665	0.038350387	-0.557239153	2.12E-06	0.000161528
YGL02.18937.C1	5.825334938	1.290296531	0.082027636	0.24732388	-0.047913181	-0.214226376	-0.755401945	5.22E-05	0.00133755
YGL02.12550.C2	5.585800636	1.290213369	-0.176378786	0.060054466	0.067257772	0.237585673	-0.257363332	3.73E-06	0.000230709
YGL02.2479.C1	9.496349071	1.290146254	0.064758575	0.281686181	0.079818149	-0.336455159	-0.535568992	9.33E-09	7.60E-06
YGL02.2687.C1	7.144198434	1.290062983	-0.180537502	0.296633314	-0.273706141	-0.010614583	-0.178617679	9.15E-09	7.55E-06
YGL02.5308.C1	5.94716995	1.289986641	0.363503788	0.133254102	0.09779309	-0.379092288	-0.587978789	1.72E-05	0.000621162
YGL02_GNYA1SO04H6FQJ	7.121490934	1.289895257	0.457353716	1.132002181	0.033977426	-0.466105728	-1.245047916	2.47E-05	0.000801676
YGL02.2761.C1	3.034182808	1.28918287	0.311838051	0.300832959	0.276916416	-1.117957958	-1.007602321	0.005898903	0.038192841
YGL02_GNYA1SO04H5I4R	7.022820342	1.289056851	0.245436484	0.605503418	0.207388603	-0.516551858	-1.117290062	1.48E-07	3.07E-05
YGL02.393.C2	6.974074726	1.288455934	0.210495276	0.392820272	0.357945654	-0.514041756	-0.768291326	7.83E-07	8.64E-05
YGL02_GNYA1SO04ILM1B	6.923472292	1.288411047	0.236357059	0.328873088	-0.089874216	-0.162185238	-0.064951216	8.68E-08	2.39E-05
YGL02.2335.C5	4.329950483	1.28780306	1.464047752	1.143153684	-0.334830146	-0.921939186	-1.428961988	1.34E-06	0.000120382
YGL02_GNYA1SO04H06FL	4.654724968	1.287496914	0.310044461	0.626081856	-0.013222427	-0.244506574	-1.043394869	0.003108292	0.024052406
YGL02.2126.C2	8.765880343	1.287444183	-0.130567806	0.470269068	0.35679652	-0.102362727	-1.390053792	7.31E-05	0.001700487
YGL02.16696.C1	3.876840701	1.2874372	-0.675595383	0.244506886	0.133612499	-0.24002172	-0.398114153	0.000236221	0.003858007
YGL02.5535.C1	5.786479323	1.287306897	0.102004492	0.27092867	-0.37960864	-0.538306673	-0.546327071	3.89E-06	0.000236559
YGL02_GNYA1SO04I3RCM	4.332094955	1.286996414	-0.721639085	0.368492628	-0.365943326	0.561115083	-0.999856822	0.000640243	0.007796069
YGL02.15838.C2	4.570404719	1.286938427	0.63938135	0.837909157	0.568108982	-0.685913703	-1.012762884	2.03E-05	0.000701168
YGL02.3268.C1	9.083883598	1.286226906	0.420961372	1.094128975	0.079108884	-0.504787816	-0.957987032	7.99E-08	2.28E-05
YGL02_GNYA1SO04JEIKS	6.556675396	1.285438729	-0.127170157	0.962230438	-0.194912339	0.128639755	-0.591445745	0.001083023	0.011325944
YGL02_GNYA1SO04IKKA5	4.412663439	1.285165836	0.404483705	1.355442155	-0.304247456	-0.362751032	-1.174934257	0.002924706	0.023021097
YGL02.3148.C1	3.830452124	1.285148198	0.434722756	1.102817588	0.087879477	-0.213824667	-0.945956661	0.000620747	0.007623804
YGL02.4892.C2	4.837129776	1.285119006	0.976872593	1.037630479	-0.219452886	-0.544360733	-0.57009508	9.21E-06	0.000411594

YGL02_GNYA1SO04JLGIA	5.391886197	1.285003173	0.179603322	0.261726342	0.065204016	-0.093477317	-0.420808303	0.000354614	0.005138386
YGL02.6134.C1	6.76445778	1.284641392	0.220622538	0.85941462	-0.129486418	-0.064280172	-0.743529609	3.02E-06	0.000200286
YGL02.9962.C1	4.946488191	1.284379816	0.16919219	0.72582256	-0.221620373	-0.524695232	-1.218260971	0.001087512	0.011358211
YGL02.4976.C1	2.737652601	1.283479342	-0.163069529	0.14230055	0.370440482	-0.571158112	-0.971122886	0.001049796	0.011092427
YGL02_GNYA1SO04JN283	9.912819203	1.283362081	-0.138412821	0.302828532	0.143106964	-0.39925073	-0.744269486	7.64E-06	0.000365123
YGL02_GNYA1SO04J0OUL	5.441897885	1.283327201	0.352356429	1.12752708	0.258703353	0.170471982	-1.002664937	4.52E-05	0.001220829
YGL02_GNYA1SO04IDNHE	7.264825524	1.283322281	0.678518009	0.813003587	-0.186246402	-0.526206058	-1.120614769	3.49E-05	0.00102367
YGL02_GNYA1SO04IM3FP	5.887935059	1.283055928	0.722953439	1.056260189	-0.109027426	-0.92159182	-0.753195346	6.08E-06	0.000314433
YGL02.6497.C1	7.10791928	1.282419163	0.43127431	1.184977669	-0.147044647	-0.337228947	-0.946027804	1.97E-06	0.000154686
YGL02.10841.C1	7.778957334	1.282179443	0.758667971	0.849659192	-0.233236217	-0.65521865	-0.792089768	2.77E-07	4.47E-05
YGL02.22476.C1	6.74083057	1.281939753	0.639767991	0.944330764	-0.044077975	-0.687599445	-1.11557968	4.99E-08	1.85E-05
YGL02.17795.C1	5.383087768	1.281825381	-0.006421494	0.556143204	0.176934986	-0.487878535	-0.774779715	2.56E-06	0.000181219
YGL02.15387.C1	4.885230837	1.281539337	-0.291562146	-0.305547505	0.059382712	-0.112185358	-0.085469675	0.000810683	0.009243788
YGL02_GNYA1SO04I4R2Q	9.806866636	1.281486649	0.337983034	0.70080532	-0.05527934	-0.258329378	-0.672822542	1.67E-09	3.59E-06
YGL02_GNYA1SO04J0AJ8	2.785126173	1.28133686	-0.016955155	0.388036642	0.066513965	0.070560862	-0.508797153	0.004963386	0.033727641
YGL02.10645.C1	4.373596679	1.280643094	0.476101245	-0.004109055	0.099263369	-0.13406906	-0.65498837	0.004834349	0.033071191
YGL02_GNYA1SO04JP8LT	4.883942241	1.280461742	0.926797375	1.08121433	0.508393257	-0.635930436	-0.748664638	0.005100006	0.034369255
YGL02.4078.C1	4.734632172	1.280270487	-0.81147063	0.301836158	-0.192375399	0.508092595	-0.848940991	0.002878053	0.022764574
YGL02.537.C1	3.389394382	1.280225358	0.401669789	0.549945204	-0.413585685	-0.388305039	-1.241094037	0.001106927	0.011507151
YGL02.18057.C1	3.465765238	1.280140715	0.258509281	-0.029517524	-0.183313752	-0.97895646	-0.081632168	0.00023168	0.003803018
YGL02.3288.C1	7.955956072	1.279832556	0.465081909	0.483873298	-0.137848733	-0.381131125	-0.393866396	2.20E-10	3.18E-06
YGL02.12158.C1	4.466312209	1.279640799	0.716358244	1.956520925	-0.065843907	-0.80717963	-2.135567813	0.003021232	0.023558914
YGL02_GNYA1SO04JGH52	5.430592647	1.279520695	-0.157906685	0.874671367	-0.05981033	0.140204652	-0.759423734	0.001874856	0.016761457
YGL02.18245.C1	3.182486877	1.27865076	0.661911891	0.679023482	-0.443768066	-1.766835785	-1.981666284	0.004808538	0.03295221
YGL02_GNYA1SO04IOAU0	12.51055007	1.278554853	1.200210031	1.064660164	0.144058645	-0.660093269	-1.277995713	3.72E-06	0.000230468
YGL02.470.C1	10.37365275	1.278376654	-0.607928651	0.797838221	-0.29318384	0.266558216	-0.510615608	0.000966645	0.010469197
YGL02.15219.C1	6.485664428	1.278248105	0.954383214	1.383712894	-0.03978997	-0.791151978	-1.312467563	5.58E-06	0.000297852
YGL02_GNYA1SO04II2F4	6.271075814	1.277895299	0.775773223	0.915263318	-0.225899053	-0.62372476	-0.818118225	8.38E-07	9.06E-05
YGL02.13752.C2	6.963142819	1.277742057	-0.015126137	0.339942019	0.099600617	-0.225485977	-0.685861224	2.02E-06	0.000156572
YGL02.4910.C1	6.824820855	1.277260743	0.275093377	0.612326857	-0.173275003	-0.433684354	-1.160700223	1.24E-07	2.81E-05
YGL02_GNYA1SO04IVRHE	3.729071671	1.277131842	0.461633336	0.354562088	0.832108348	-0.030336171	-0.338865037	0.007587426	0.045743676
YGL02_GNYA1SO04JMEVK	5.318402592	1.277099112	-0.406398768	1.055187302	0.390651119	0.044263871	-0.537839775	0.001901882	0.016935268
YGL02_GNYA1SO04IIFBI	6.751295786	1.277007818	0.505137827	0.727855071	-0.101029343	-0.69289024	-1.037539541	5.29E-06	0.000288252
YGL02_GNYA1SO04JMOA9	5.838226491	1.276772765	-0.431237103	0.213095238	-0.105111203	-0.182467681	-0.455288087	1.70E-05	0.000617168
YGL02.3467.C1	5.989736048	1.276429255	0.042129939	0.331566514	-0.078916802	-0.094556311	-0.43657337	4.61E-06	0.000262748
YGL02_GNYA1SO04JQPCM	2.91869148	1.276320785	-0.173063494	0.728465345	-0.030393077	-0.547967917	-1.02229975	0.003713485	0.027278245
YGL02_GNYA1SO04JWRTH	4.018190516	1.275828234	1.378893541	0.956314411	0.035241901	-2.175087868	-1.640073604	0.003964828	0.028598932
YGL02_GNYA1SO04II1U2	6.75396337	1.275694154	-0.58366	0.380044262	-0.179612837	-0.010121865	-0.548556925	2.70E-05	0.000852947
YGL02_GNYA1SO04JQDKV	5.125088584	1.275611022	0.232881772	1.319216246	0.13204528	-0.524043595	-0.87528969	0.002208941	0.018820518
YGL02_GNYA1SO04I3WSS	9.226577533	1.275479802	0.380678408	0.51385108	-0.083242951	-0.409013613	-0.705100265	3.02E-05	0.000925563
YGL02.4238.C1	6.656672849	1.275103348	0.656754264	1.014175733	0.035084567	-0.645771531	-1.30210514	8.79E-07	9.32E-05
YGL02.20631.C1	5.426499886	1.275035254	0.187219352	0.49272004	-0.353282288	-0.409919083	-0.5529589	2.96E-06	0.000198529
YGL02_GNYA1SO04JAJKN	5.540396585	1.274903683	0.501082018	0.448532345	0.126768206	-0.684601359	-0.292784464	9.03E-06	0.000406395
YGL02.6411.C1	5.102958389	1.274885994	0.494582279	1.235729449	-0.35070035	-0.342742435	-0.656831892	1.81E-06	0.000146495
YGL02_GNYA1SO04JRZGT	6.833053794	1.274679228	0.50876582	0.686568054	-0.591925153	-0.342453408	-0.962566872	1.14E-05	0.000472251
YGL02.11444.C1	3.108158123	1.274423633	0.360074436	1.443289975	0.114625857	-0.553168869	-1.975137988	3.97E-05	0.001114356
YGL02.21605.C1	6.035962801	1.274184362	0.032862443	1.668292127	0.031996127	-0.122489073	-1.222481165	0.00088431	0.009827628
YGL02.3066.C1	3.334083959	1.274092834	-0.405497854	1.837798012	0.0899087	-0.586937619	-0.968112014	2.04E-05	0.000703183
YGL02.5646.C1	7.78240599	1.274049037	0.424158454	1.013645035	0.347444701	-0.441371352	-0.856068897	1.24E-07	2.81E-05
YGL02.4761.C1	4.147049172	1.273936389	0.979260427	2.378129109	-0.158834492	-0.61104824	-1.239021177	0.00133032	0.013114608
YGL02_GNYA1SO04JO9SJ	8.490669749	1.273685007	0.644718423	1.344956103	0.11140817	-0.206611173	-1.174530258	1.03E-06	0.00010271
YGL02.7848.C5	7.217084313	1.273318669	0.485183988	0.765570682	-0.182758808	-0.434082654	-1.38092773	6.64E-08	2.08E-05
YGL02.19238.C1	8.949873378	1.273318653	0.486499938	0.841832345	0.063764385	-0.471256907	-0.806424638	7.20E-09	7.09E-06
YGL02.10799.C1	6.453002985	1.272870686	0.337120213	0.488774652	0.199360843	-0.432041886	-0.720513531	6.73E-07	7.84E-05
YGL02.8628.C1	4.602969653	1.272750877	1.269014551	-0.638103206	-0.160935124	-1.068390132	-0.784977996	0.00125392	0.012573943
YGL02_GNYA1SO04H6JMQ	6.280104366	1.272081397	-0.031217396	0.815349697	0.087099154	-0.508358813	-1.315698149	1.66E-05	0.000607521
YGL02.2211.C1	7.875227816	1.271928169	1.105258473	0.698018135	-0.107685381	-0.723162987	-0.539482598	4.65E-07	6.15E-05
YGL02_GNYA1SO04H0EDT	5.311742686	1.27144386	-0.077583018	0.13105552	0.151440142	-0.790711957	-1.306868313	0.000517603	0.006686136
YGL02.7542.C1	4.976153966	1.27137639	0.61356965	0.141981557	0.660206239	-0.378127678	-0.752493945	1.62E-06	0.000136763
YGL02_GNYA1SO04JJ4Z8	6.952687823	1.271020978	0.290546183	0.756495784	0.000361658	-0.269759727	-0.618224375	4.80E-05	0.001267186
YGL02.18531.C1	9.148138213	1.270772593	0.031056667	1.057206857	-0.549711118	-0.162969754	-0.875049087	2.99E-06	0.000199341
YGL02_GNYA1SO04JEZZE	7.702923002	1.270729625	-0.164964476	0.336516298	0.249838909	-0.169232553	-0.479211577	7.54E-07	8.41E-05
YGL02.19042.C1	5.282825192	1.270319423	0.29719244	0.383285644	0.101786895	-0.322909596	-0.306186275	2.16E-05	0.000730743
YGL02_GNYA1SO04JVN03	2.649228158	1.270207688	-0.027446903	-0.055578204	0.37609847	0.105455076	-0.734119926	0.003328991	0.025233966
YGL02.22856.C1	3.880404784	1.269283488	-0.003464541	1.169683236	0.497318778	-0.148518564	-0.934661789	0.002666332	0.021539879
YGL02_GNYA1SO04H1QHH	5.096059819	1.269229355	-0.442838587	0.100019821	-4.67E-05	0.125189796	-0.777646102	4.31E-05	0.001178182
YGL02.14466.C2	6.130682645	1.269053083	0.11261082	1.408028067	-0.221272138	-0.703668579	-1.643203886	7.02E-07	8.03E-05
YGL02.7161.C1	6.573924589	1.268955839	0.26192071	0.682285666	0.05287915	-0.240597303	-0.626645379	7.74E-07	8.57E-05
YGL02.1684.C2	3.461019239	1.268799807	0.243546704	1.076552319	-0.133957258	-0.152002851	-0.940772587	0.000982729	0.010583933
YGL02_GNYA1SO04I01KP	2.720238291	1.268730333	0.023968637	-0.035466825	0.179238459	-0.422521245	-0.547195109	0.00561648	0.036886189
YGL02_GNYA1SO04IR6E3	3.528104297	1.268140579	-0.577270379	2.035410897	-0.063370021	0.797138146	-2.763473608	0.008536165	0.04972365
YGL02.18976.C1	6.096324511	1.268075727	0.614940295	0.619348849	0.044416834	-0.441927347	-0.46869638	1.16E-08	8.65E-06
YGL02.13790.C1	5.072364679	1.267745606	0.066424813	0.443279297	-0.278794968	-0.344402069	-0.156038399	3.38E-05	0.000998887
YGL02_GNYA1SO04JH6CZ	11.8429026	1.2676694	-0.285900855	-0.239046628	0.052548123	-0.315002491	-0.500500499	3.65E-09	5.56E-06
YGL02_GNYA1SO04IRDGU	5.785486648	1.267365686	-0.189688117	1.033769848	-0.258360856	-0.130743094	-1.04258523	4.34E-05	0.001185556
YGL02_GNYA1SO04JOAMH	4.590898782	1.266315059	0.555505841	1.037600155	-0.076584901	-0.621948931	-0.829896769	0.0019357	0.017157356
YGL02_GNYA1SO04JLKZH	8.18651763	1.265586361	0.296603469	0.586303923	-0.040770183	-0.281379513	-0.590029982	1.33E-06	0.000120195
YGL02.5657.C1	6.489438342	1.265154423	0.284512903	1.147385979	0.0609745	-0.424783947	-1.164910632	4.59E-07	6.10E-05
YGL02_GNYA1SO04JSU3H	7.26552818	1.265075734	0.741910548	1.22423097	0.016918817	-0.526008902	-0.828990643	2.82E-07	4.53E-05
YGL02.19433.C1	2.601026383	1.265057668	-0.211172314	0.225039744	0.642105711	-0.05409444	-0.652358933	0.000440275	0.005966372
YGL02_GNYA1SO04H9687	8.272748432	1.264218234	0.295685236	1.285795967	-0.199700417	-0.089366557	-1.291190657	6.27E-05	0.00152001
YGL02_GNYA1SO04H1IMN	5.244689596	1.264044947	-0.372701845	0.022269424	-0.025122468	0.016174262	-0.642512977	0.000109381	0.002259834
YGL02.3621.C1	4.774747283	1.263684518	-0.327235908	0.024114717	-0.457622866	0.382036522	0.095950729	0.000732344	0.008602009
YGL02_GNYA1SO04I2EVR	3.898617381	1.26368402	0.600713213	0.612286062	-0.042569178	-0.977890625	-1.145880482	0.001280333	0.012756813
YGL02_GNYA1SO04I2HPP	4.325644242	1.263238407	0.836313189	1.772385157	0.116117092	-0.337718246	-1.465393271	0.000594907	0.007389135
YGL02_GNYA1SO04JO4PU	5.025782095	1.262635011	0.232022991	0.254478484	0.237094548	-0.688718145	-0.791069445	0.000130642	0.002551325
YGL02.4213.C1	7.865824781	1.261879464	0.010190595	0.303561835	0.155405335	-0.071755301	-0.211374154	5.66E-05	0.001418363
YGL02.5122.C1	7.057309104	1.261703219	-0.262731642	0.119387721	-0.171145785	-0.291982625	-0.759522691	6.55E-06	0.000330066
YGL02_GNYA1SO04JCZ6V	12.44334415	1.261664518	1.25973228	1.105726163	0.099295263	-0.548440501	-1.235241559	6.16E-06	0.000317083
YGL02.9958.C1	6.806953902	1.261587472	0.221973112	0.682665575	-0.420337861	-0.506211164	-0.697699225	4.25E-06	0.000250186

YGL02.13677.C1	4.101798849	1.2613129	0.00181112	0.418189922	-0.267033695	0.000566554	-0.153785197	0.000706757	0.008369772
YGL02_GNYA1SO04I2YRO	3.725515724	1.261235852	1.087787863	2.236574276	0.187673963	-1.11787387	-1.676139989	0.004867548	0.033225732
YGL02.15154.C1	5.77557929	1.260790333	0.128719294	0.76795511	0.350532203	-0.166140152	-1.128566804	0.000313075	0.004720258
YGL02_GNYA1SO04IVSU3	6.943774645	1.260255956	0.04590185	0.26723232	0.213539274	-0.309539137	-0.619669863	5.71E-06	0.000302741
YGL02.10987.C1	5.878012457	1.260237969	0.181843189	0.282031889	-0.336437719	-0.296326654	-0.872605031	3.17E-06	0.000207054
YGL02.1762.C2	3.755164654	1.260133788	0.808355769	0.584813782	-0.062761039	-0.569221737	-0.86802735	0.004965183	0.033732775
YGL02.21276.C1	5.310640829	1.260067927	-0.025958282	0.692391331	-0.296448703	-0.002516548	-0.443317236	0.000161997	0.00295719
YGL02_GNYA1SO04JYULH	3.155103893	1.259852214	-0.319666134	0.040038884	-0.037251648	-1.161675462	-1.177068377	0.001942075	0.017202082
YGL02.21578.C1	5.059607854	1.259720327	-0.065448915	0.445692775	0.097638064	0.014144622	-0.861853667	0.000124451	0.002469525
YGL02.20997.C1	7.195046881	1.259611268	0.324326919	0.001924832	-0.039969735	-0.218104763	-0.525571972	0.00020321	0.003467553
YGL02.443.C3	5.69066179	1.259283674	0.539217987	0.3416396	-0.155787182	-0.354713579	-0.779081171	9.13E-05	0.001996164
YGL02_GNYA1SO04IUW9G	6.00398808	1.259282192	-0.322243961	0.10715372	-0.099794219	0.019994156	-0.321886057	2.01E-06	0.000156382
YGL02.5481.C1	5.357760352	1.259256945	0.233781429	0.742084783	-0.120909423	-0.020062581	-0.607569874	4.63E-07	6.14E-05
YGL02_GNYA1SO04IT34M	3.817459561	1.259155169	-0.52820761	0.332911127	0.043930232	-1.086963647	-1.43118226	0.006839659	0.042385076
YGL02.6188.C2	6.590246932	1.259022762	0.00532892	0.167712517	0.097469453	-0.391552852	-0.693783808	4.46E-07	6.02E-05
YGL02_GNYA1SO04IDBP2	4.309324305	1.25800375	0.308995302	0.522221377	-0.534318731	0.01618213	-0.579258574	0.007246967	0.044252673
YGL02.3970.C1	5.636962492	1.257852512	0.2778864	1.087378734	-0.035431486	-0.161982701	-1.064232118	3.64E-05	0.001053112
YGL02_GNYA1SO04H5GKR	5.340465505	1.257691423	0.410326041	1.178546704	0.070886786	-0.382186705	-1.193001065	0.000784884	0.009028316
YGL02_GNYA1SO04IOHLK	6.190859497	1.257688618	0.210689312	0.011727597	0.345384365	-0.566289089	-0.865007916	1.38E-05	0.000534284
YGL02_GNYA1SO04H3GAC	3.47670643	1.256901866	-0.128030837	0.520907732	-0.574529805	0.396897641	-0.771509525	0.003546279	0.026418651
YGL02.11069.C1	6.959293915	1.256889103	-0.253368637	-0.396644562	0.003662298	0.081401848	0.098718354	1.40E-08	9.43E-06
YGL02_GNYA1SO04IQCO2	5.244694501	1.25680598	0.505519316	1.474541125	0.298832233	-0.525263113	-1.233816967	0.000207818	0.003518363
YGL02_GNYA1SO04INZIM	4.767947421	1.256547371	0.716675511	1.387265639	0.071412487	-0.351968578	-1.625651171	6.72E-06	0.000336004
YGL02_GNYA1SO04JUFZW	5.988090625	1.256330601	0.60590077	0.897924643	0.118068383	-0.73008996	-1.287994445	1.52E-05	0.000571716
YGL02.1153.C1	4.897284367	1.256131058	0.351063279	0.412766567	-0.436285462	-0.421973894	-0.400967436	2.95E-05	0.000910981
YGL02.15368.C2	4.950103932	1.256125884	-0.650416447	0.280699559	0.069283502	-0.414939292	-1.126710053	0.003376547	0.025492975
YGL02.2660.C1	2.647917213	1.255930495	0.603888294	0.806879081	0.285928224	-0.455575934	-0.897317746	0.004151524	0.029592847
YGL02_GNYA1SO04IZ2RM	3.831289822	1.255751281	0.305255023	1.113480762	0.278182778	-0.954529559	-1.152064292	0.0006788	0.008133224
YGL02.8003.C1	4.301481684	1.255597141	-0.623232815	0.384526143	-0.095864639	0.294120975	-0.583837279	0.001821747	0.016437591
YGL02_GNYA1SO04H4LXO	6.585482873	1.255564559	0.316539187	0.622529175	-0.277274131	-0.405735846	-1.056809052	0.001086312	0.011347807
YGL02.12665.C1	3.125303314	1.255363301	-0.253238343	0.155609342	0.460047755	-1.119649618	-0.261926887	0.00269837	0.021747138
YGL02.18321.C1	6.014959355	1.255200097	0.458738578	0.577967781	0.113679402	-0.530973112	-1.177334477	2.38E-05	0.00078082
YGL02.1567.C2	8.099203542	1.254606014	0.035087113	0.297097144	0.08153825	-0.021029889	-0.202155546	5.16E-10	3.18E-06
YGL02.5427.C2	5.116771593	1.254541394	0.225133171	0.332214385	-0.008188566	-0.509324842	-1.836418481	0.0019311	0.017133267
YGL02.1188.C1	5.435466502	1.254502737	0.873695693	1.454177787	-0.231300234	-0.685160996	-1.262885576	8.87E-07	9.37E-05
YGL02.295.C1	6.103955159	1.254131231	-0.075128803	-0.311423565	0.087884405	-0.103824085	-0.556198935	0.000907427	0.010013617
YGL02_GNYA1SO04IQP99	7.021639114	1.253608251	0.669473076	0.993321633	-0.148379332	-0.623116342	-1.119297243	2.21E-06	0.000165649
YGL02.7155.C2	8.417970563	1.252883286	0.462521972	0.964087228	0.029541012	-0.430259362	-0.367171402	2.54E-07	4.24E-05
YGL02_GNYA1SO04JPTM6	6.524506912	1.252756223	0.071837495	0.59799911	0.6198558	-0.471430995	-0.994547145	0.001081305	0.011315024
YGL02.2338.C1	6.221650747	1.252741822	-0.144584127	0.641170448	-0.091001391	-0.165492168	-0.980251973	1.21E-05	0.000489008
YGL02.2896.C1	5.804671587	1.252047207	0.56317746	0.274361049	0.489571056	-0.122293758	-0.237558685	4.42E-07	5.99E-05
YGL02.12741.C1	8.646850499	1.251960557	0.183112543	0.581395653	-0.283357001	-0.12580821	-0.284433391	1.47E-08	9.80E-06
YGL02_GNYA1SO04JFK4O	7.524095345	1.251742385	-0.653879093	0.595339128	0.034705759	0.083889863	-1.427982005	1.31E-06	0.000119957
YGL02_GNYA1SO04IIH3E	6.711983494	1.251275223	0.384069254	0.931816149	-0.086190806	-0.351748448	-1.019957861	0.000176945	0.003144342
YGL02.15231.C2	6.04964599	1.250868147	-0.276858715	-0.085335813	0.407992596	-0.077133544	-0.514976501	1.50E-07	3.10E-05
YGL02.17692.C1	5.523784969	1.250770291	0.172057527	-0.107998765	0.328598632	-0.497083849	-0.240191291	3.63E-05	0.00105227
YGL02.16512.C1	7.034387643	1.250712781	0.662853911	1.219445105	-0.048850846	-0.549608272	-1.159817747	1.55E-07	3.14E-05
YGL02.1338.C1	8.1853404	1.250685905	0.019744941	0.51299216	0.268545607	-0.27818929	-0.978026983	8.73E-06	0.000398102
YGL02.18597.C1	4.502240202	1.250282845	0.162802141	0.9616276	0.204179148	-0.234108142	-1.165458455	0.002744509	0.022025777
YGL02_GNYA1SO04H43YH	5.312890892	1.250087795	0.546359226	1.430825023	0.338048246	-0.426872133	-1.85785904	0.000512795	0.006639259
YGL02.9718.C1	6.073275229	1.250070378	0.351825088	0.98324837	0.246357469	-0.460708737	-0.690143835	0.000838729	0.00946602
YGL02_GNYA1SO04H6R7O	2.28973076	1.249882711	1.102994615	1.575598612	0.901227691	-0.375806799	-0.947886333	0.003982457	0.028689333
YGL02_GNYA1SO04JX2V8	6.804847625	1.249001357	1.064424455	1.394046908	-0.16786636	-0.685412793	-0.852532727	2.00E-05	0.000695457
YGL02.11874.C1	5.565114646	1.248843337	-0.23080233	0.212775343	-0.098904896	-0.450366154	-1.809291903	0.001521034	0.01445762
YGL02.9203.C1	8.659956785	1.248777028	-0.069145682	0.608393384	0.551968453	-0.371441162	-1.489661753	3.24E-07	4.96E-05
YGL02.16130.C1	5.953331677	1.24869374	-0.129539693	0.509945857	-0.06287497	0.119936459	-0.65966884	1.80E-05	0.000644845
YGL02_GNYA1SO04I2Z2F	12.27078043	1.248319246	0.915036081	0.949870447	0.149101695	-0.534372723	-1.137427798	5.80E-06	0.000306021
YGL02.488.C2	6.389155109	1.248215649	-0.17229429	0.257827122	0.350432004	-0.102302197	-0.368610034	1.77E-06	0.000144608
YGL02.1188.C2	5.993763538	1.248080598	0.573730642	1.189982436	0.150480358	-0.52263465	-0.927815719	5.81E-06	0.000306141
YGL02_GNYA1SO04H1331	8.789623765	1.247906761	0.118710412	0.853574655	0.08950934	-0.190828405	-0.695282647	2.39E-07	4.09E-05
YGL02.11305.C1	3.089320484	1.24770007	0.154512809	1.67531331	0.160221107	-0.157936529	-1.221655158	0.006478605	0.0408057
YGL02.11150.C1	9.573346305	1.247398892	-0.185961044	-0.396878044	-0.252103749	-0.241129331	-0.785615676	9.69E-07	9.88E-05
YGL02_GNYA1SO04JO75P	9.700023204	1.247353905	0.54215971	0.252602338	-0.033555147	-0.403273754	-0.790776755	9.07E-08	2.44E-05
YGL02.14811.C1	8.922843925	1.246448631	-0.152173774	0.497575916	-0.057295565	-0.123832554	-0.777709337	3.05E-07	4.77E-05
YGL02.20968.C1	7.046208065	1.24624525	0.188327083	0.639166274	-0.059586954	-0.050642591	-0.619947387	7.75E-09	7.09E-06
YGL02_GNYA1SO04I18OC	4.857448564	1.245162501	0.35773438	0.764524143	0.115374122	-0.753488637	-1.093311102	0.000431832	0.00588727
YGL02.537.C2	3.744420098	1.244318461	0.190769112	-0.001240668	-0.188606513	-0.202858631	-1.237445496	0.003755292	0.027500626
YGL02.1751.C1	3.07408205	1.243783259	0.29323136	0.443250108	-0.323773975	-0.567637928	-0.564394121	0.000959622	0.010419125
YGL02_GNYA1SO04IBNIX	8.789889314	1.243536405	0.017591984	-0.238539564	0.400636094	-0.555197693	-0.792042694	4.06E-06	0.000243172
YGL02.753.C1	7.955840123	1.243248672	0.035019046	0.620313923	0.129387902	-0.001667993	-0.813626014	7.25E-05	0.001691604
YGL02.6566.C1	9.6496844	1.243238148	0.395673144	0.522822891	-0.027295194	-0.543660258	-1.008986605	2.71E-06	0.000187696
YGL02.3631.C1	12.68059785	1.243092556	0.000738111	0.177896362	0.274879246	-0.210653915	-0.794106387	0.001359119	0.013313508
YGL02_GNYA1SO04IVRZE	5.962284676	1.242937725	0.017855388	-0.128308586	-0.28243527	-0.332742015	-0.276569231	0.000232424	0.003813309
YGL02.11676.C1	9.43210148	1.242919055	0.200120228	0.441406054	0.205321462	-0.331434391	-0.520806735	1.79E-05	0.000641894
YGL02_GNYA1SO04I9PBX	8.703208004	1.242607778	-0.276525764	0.537546451	-0.225271699	-0.001149354	-0.836438581	5.56E-05	0.00140188
YGL02_GNYA1SO04JA75R	8.181342126	1.241922191	0.279794205	0.625800883	0.133848802	-0.139099899	-0.806387975	2.17E-07	3.85E-05
YGL02_GNYA1SO04I8VAQ	4.793198903	1.241410277	0.53801143	0.949210039	0.446080035	-0.601734125	-1.19738804	0.002517569	0.020683646
YGL02.4441.C1	4.942707103	1.241343101	-1.320856898	0.393795603	-0.103805214	0.582670784	-1.001777205	0.006213687	0.039613098
YGL02.5736.C3	7.354804619	1.24121117	0.312681209	0.987503041	0.145830454	-0.691945043	-1.18941797	8.70E-07	9.29E-05
YGL02.17180.C1	6.172952666	1.24118123	0.3367782	0.931090631	-0.348151208	-0.249525833	-0.707537165	9.58E-07	9.83E-05
YGL02.13256.C1	6.388598212	1.240917236	-0.70097044	-0.135911364	0.189766876	0.25127631	-0.856453372	0.000170172	0.003063666
YGL02.16509.C1	5.003283795	1.240362325	0.604859116	1.417087468	-0.010980038	-0.502661703	-0.907301144	5.03E-06	0.000278767
YGL02_GNYA1SO04JDPSX	3.792443895	1.240278757	0.46733178	0.762076646	-0.20022701	-1.374616627	-1.023165006	0.006584386	0.041277222
YGL02.10425.C1	6.459962845	1.240155764	-0.284002836	0.208217311	-0.452014872	-0.08586117	-0.31337021	8.74E-05	0.001932154
YGL02.9412.C1	2.925857551	1.239461396	1.536738891	1.039269728	-0.042236667	-0.863485572	-0.372087878	0.000326962	0.004859993
YGL02.16240.C1	3.122789133	1.23932561	0.158963892	0.538064191	0.385942361	-0.31177569	-0.572893349	0.000142189	0.002708222
YGL02.13025.C1	6.177880456	1.238863676	-0.179535207	1.121885555	0.14003852	-0.495819922	-1.066952988	2.94E-06	0.000197175
YGL02.9492.C1	4.543877485	1.23836577	-0.806018872	0.433572485	-0.414992787	0.828468294	-0.213858311	0.000765152	0.008873863
YGL02.22315.C1	7.703497701	1.238300776	0.353870602	0.889525009	0.032361445	-0.318587912	-0.777215829	6.01E-08	2.02E-05
YGL02.17758.C1	4.562865651	1.238166285	0.445092133	0.550780699	0.06059211	-0.73143594	-0.997754407	0.002539068	0.020809047

YGL02_GNYA1SO04JCVMW	3.331074474	1.237984295	-0.390456584	0.110151654	-0.110929516	-0.051792313	-1.610716561	0.000243069	0.003935599
YGL02.1411.C15	8.699134045	1.237959754	-0.040690427	-0.115716174	-0.161194863	-0.342961444	-0.541091659	2.91E-07	4.63E-05
YGL02.1790.C1	4.669880655	1.237778281	-0.714580451	0.608432628	0.176970555	0.182022307	-1.192123548	0.002056863	0.017880062
YGL02_GNYA1SO04JGMWD	5.905022562	1.237494627	0.090475866	0.395468621	-0.175754921	-0.376125795	-0.722697797	0.0003567	0.005161944
YGL02.15579.C1	5.163648412	1.237219894	0.000136615	-0.154446188	-0.169457401	-0.06010813	-0.014952037	1.83E-06	0.000148383
YGL02.13086.C1	5.049835739	1.23680507	0.367002306	1.734497623	-0.152316175	-1.206542082	-1.519782579	0.005812225	0.037784661
YGL02_GNYA1SO04I65NK	6.559359375	1.236543336	-0.133800814	-0.498007023	0.108483442	0.015972533	0.24778798	2.73E-05	0.000859425
YGL02.18430.C1	3.149941338	1.236517529	0.143255668	0.691978127	0.198020829	-1.153910444	-1.086724857	0.006471915	0.040777444
YGL02_GNYA1SO04IZ0J6	3.290480643	1.236374347	0.738384312	-0.411471715	0.575463982	-0.728568032	0.210261784	0.003601976	0.026712175
YGL02_GNYA1SO04I8Q9G	3.300165009	1.23636718	0.271175002	1.260298659	-0.257012816	-0.288652616	-1.364452951	0.005677858	0.037179927
YGL02_GNYA1SO04H4ZDM	2.999678083	1.236324089	-0.299370806	-0.249738521	0.132098165	-0.279202241	-0.246823745	0.000580037	0.007262669
YGL02_GNYA1SO04H8U4Y	7.286206998	1.236181181	0.195816186	0.679647087	-0.189578039	-0.592336003	-1.227046774	1.62E-07	3.24E-05
YGL02_GNYA1SO04H0YBD	6.589554766	1.235092133	0.439151066	1.098774296	-0.33527106	-0.483375576	-0.763472019	0.000185961	0.003257299
YGL02_GNYA1SO04I6FRN	5.660794038	1.234307167	0.370151832	0.720675708	0.307555898	-0.116296584	-0.987026139	2.62E-05	0.000837465
YGL02.3391.C1	5.250981967	1.234125064	-0.015641313	0.720643124	0.31248897	-0.21679341	-1.197546735	0.000751754	0.008765574
YGL02.4.C46	4.750037915	1.234117062	0.39123322	0.355169713	-0.062255123	-0.454127083	-1.000673344	0.000211843	0.003571108
YGL02.2712.C2	7.19767401	1.233978808	-0.322301103	0.576807876	-0.211260239	-0.311659457	-0.511129798	1.18E-05	0.000481228
YGL02.17973.C1	7.671880291	1.233340463	-0.040084686	0.531267117	0.502315419	-0.863934331	-1.391980919	0.0001678	0.003031487
YGL02.4455.C1	7.619285182	1.233260827	0.466819822	0.274472381	-0.064294929	-0.396799014	-0.249129048	4.80E-06	0.000269944
YGL02_GNYA1SO04JTHX1	5.708156477	1.233233626	0.691689929	0.839827692	0.266530051	-0.692756596	-0.69708709	2.90E-07	4.61E-05
YGL02.1930.C1	5.363681812	1.233170997	0.118196218	0.185138383	0.458358242	0.008602329	-0.173783173	6.64E-05	0.001584142
YGL02_GNYA1SO04H5TKS	6.486743934	1.232861652	-0.006612817	0.184909548	-0.002132589	0.137818416	-0.692264696	5.03E-07	6.46E-05
YGL02.10855.C1	7.318007106	1.232635691	0.397936779	0.653693387	-0.390706098	-0.5185376	-1.191572408	1.42E-06	0.000126235
YGL02.1964.C10	3.691898371	1.23256849	-0.055352807	0.201734243	-0.591169733	0.28895209	0.075032006	0.002919219	0.022987683
YGL02_GNYA1SO04IECGJ	5.703261523	1.232520771	-0.462853849	0.583076463	0.519329092	-0.230648406	-1.614017615	1.54E-05	0.000579763
YGL02_GNYA1SO04I7JLS	6.325583294	1.231988305	-0.409151755	0.98797081	0.341787737	-0.170574483	-0.72400951	9.92E-06	0.000431988
YGL02.692.C1	5.07558347	1.231865677	0.275360254	0.747931605	-0.182959019	-0.33991348	-0.781534181	9.39E-07	9.71E-05
YGL02.17749.C1	6.376960425	1.231764952	0.359682116	0.421400385	-0.03566839	-0.485679992	-0.780132044	4.47E-05	0.001212069
YGL02.3444.C1	7.432398658	1.231037119	-0.749522653	1.04054397	-0.024370663	0.009072241	-1.005327442	5.19E-08	1.89E-05
YGL02.2796.C1	7.052632658	1.230761528	0.579628331	1.346597896	0.125191125	-0.417260246	-0.955819823	2.79E-08	1.36E-05
YGL02_GNYA1SO04JLX6Y	4.505973486	1.230448893	1.72680464	1.181225265	-0.222501819	-0.919123609	-1.114427493	0.005877307	0.038092511
YGL02.16798.C1	5.891554745	1.230302457	0.52901615	0.836907977	-0.093999925	-0.612989545	-0.885014467	1.18E-06	0.000112923
YGL02.4078.C2	4.105942736	1.230186977	-0.36700411	1.022301296	0.072580407	-0.020487613	-1.180491214	0.002015935	0.017653448
YGL02.8010.C2	6.11247137	1.229686444	0.026210094	0.910339541	-0.195686653	-0.205062448	-1.522411994	9.46E-05	0.002044597
YGL02.1761.C1	5.032716854	1.229648049	0.104678807	-0.481066801	0.12138212	-0.655320815	-0.405700537	3.15E-05	0.000952437
YGL02_GNYA1SO04H22DP	4.630424711	1.229216755	0.144221121	0.223173857	0.112769082	-1.019126744	-1.34681769	0.001274669	0.012715052
YGL02_GNYA1SO04IX626	9.317382895	1.229055959	-0.026569054	0.298676321	0.067098302	-0.100582744	-0.837389365	3.72E-06	0.000230468
YGL02_GNYA1SO04ITTZU	8.993572103	1.228906987	-0.116643512	0.519365561	-0.311789801	-0.061347333	-0.742519912	2.17E-07	3.85E-05
YGL02.13571.C1	3.145959442	1.228749035	-0.022139464	1.30750155	-0.21469312	-0.000581121	-0.759936481	0.004978396	0.03378709
YGL02_GNYA1SO04IQSAN	2.758053759	1.22868077	0.266378047	0.061811155	0.280521908	-1.286648066	-1.080723292	0.000224877	0.00372818
YGL02.13801.C1	4.275997585	1.228404406	0.147533852	0.987375101	0.098460286	-0.405473041	-0.964095801	0.000377196	0.005363062
YGL02_GNYA1SO04I953I	8.165432814	1.228312822	-0.421319447	0.567856261	-0.380338586	-0.150132896	-0.951667347	1.32E-07	2.90E-05
YGL02.611.C1	5.294152241	1.228039202	0.258505205	0.857323176	0.441977346	-0.368599107	-1.471663644	0.00073933	0.008654216
YGL02_GNYA1SO04JCJF0	4.617977527	1.227929922	-0.480305928	-0.172427308	0.089213021	-0.069027349	-0.79416626	0.004563518	0.031673577
YGL02_GNYA1SO04IG1CF	2.916584237	1.227745853	-0.224761312	0.186980551	0.187465065	-1.03588719	-0.759655415	0.002938612	0.023080046
YGL02.18112.C1	9.296795608	1.227701484	0.142218102	0.713751738	0.038497583	-0.382629951	-1.181785255	0.000175635	0.003130594
YGL02.920.C1	3.948249832	1.227464234	0.420828225	0.584596093	0.3745743	-0.537808321	-1.48114655	7.28E-05	0.001695802
YGL02_GNYA1SO04JFF81	5.472484863	1.22696907	0.11978587	0.290095493	-0.264499894	-0.258237213	-0.36361763	0.00013326	0.002589174
YGL02.7809.C1	6.220909028	1.226935532	0.577905513	0.964745278	0.035066061	-0.419738431	-0.599733053	1.76E-05	0.000631135
YGL02_GNYA1SO04IT00K	3.088959558	1.226862004	0.235131577	0.924915368	-0.346410218	-0.272785619	-0.895797481	0.001660306	0.01536912
YGL02.20103.C1	5.258192867	1.226560861	0.298171785	0.984614132	-0.069617032	0.361141083	-1.114830614	0.000332264	0.004916862
YGL02_GNYA1SO04H8TG1	9.011712103	1.226318766	0.223471842	0.707859973	0.182579289	-0.317001359	-1.313154409	2.23E-06	0.000166131
YGL02_GNYA1SO04H6QUG	4.983258768	1.226303739	0.466322747	0.987577301	-0.25210955	-0.642868209	-0.999619901	0.001753601	0.01600568
YGL02_GNYA1SO04H3PVS	5.986659726	1.226149274	-0.021507928	0.311385852	-0.018277922	-0.180502182	-0.203566419	0.008468619	0.0494373
YGL02_GNYA1SO04IJUTI	8.469936394	1.225992846	-0.40654503	0.446007706	-0.520521819	-0.115276777	-0.779925577	2.96E-08	1.41E-05
YGL02.814.C1	3.120592328	1.225928874	1.361262111	-0.158178253	0.344977153	-1.096234869	-1.412939938	0.003768633	0.027575419
YGL02.8233.C1	4.180707434	1.225816814	-0.03133462	0.247061633	0.288585698	-0.215025116	-0.181655769	0.004942109	0.033627174
YGL02_GNYA1SO04IEJ7G	6.435473019	1.225638397	-0.09647606	0.365440871	-0.083825842	-0.132381545	-0.31377137	1.04E-06	0.000103348
YGL02.12420.C1	7.7897036	1.22496619	0.547664488	0.342789703	-0.095285008	0.033168436	-0.430710692	5.96E-07	7.22E-05
YGL02.14230.C1	5.02255785	1.224563519	-0.085962656	0.557356822	0.226185953	0.185225042	-0.486347525	0.001887206	0.016836997
YGL02.18881.C1	5.240145803	1.224191823	0.04732364	-0.198147636	-0.520858241	-0.737842577	-0.852232846	5.78E-05	0.001439998
YGL02.3868.C4	7.09499735	1.224119838	-0.360010867	0.558831926	-0.074875414	-0.130152255	-1.057272951	0.000196092	0.003382192
YGL02.1578.C1	4.520570013	1.224057307	0.138821968	0.508165527	0.225966685	-0.702208729	-0.900313353	1.59E-05	0.000591105
YGL02_GNYA1SO04H42MV	9.439307016	1.223783634	0.386398048	0.823504804	0.379676288	-0.22157801	-0.716652778	6.59E-07	7.75E-05
YGL02_GNYA1SO04JGVR2	6.069504284	1.223698374	-0.068921009	0.361275952	-0.177228889	-0.377115355	-0.981442871	9.84E-07	9.97E-05
YGL02_GNYA1SO04IW73U	5.674864384	1.223022882	0.264343121	0.88589218	-0.508092343	-0.442817406	-0.63256877	0.001158647	0.011887362
YGL02.20567.C1	3.857827359	1.222845702	1.980102295	1.947545769	-0.968453644	-1.825791369	-1.331003558	0.005033121	0.034060314
YGL02_GNYA1SO04ICZKN	6.676108354	1.222807441	-0.425666788	0.151449152	-0.125158788	0.064255711	-0.719348953	1.06E-05	0.000451693
YGL02.12145.C1	7.023202824	1.222782416	0.136540228	0.512245344	-0.260520883	-0.31699819	-0.976336364	5.84E-06	0.000306967
YGL02.20744.C1	3.141633567	1.222738513	0.253933073	1.242984848	-0.193004753	-0.688941055	-0.783719058	0.001343573	0.013207055
YGL02.4409.C1	7.032784922	1.222298097	0.26305897	0.604553556	0.036878522	-0.353334256	-0.621674074	2.11E-05	0.000721705
YGL02_GNYA1SO04H4FFK	4.543151765	1.222282005	0.385039147	0.930499611	-0.26196285	-0.389629222	-0.870375455	0.002412635	0.020063637
YGL02.8623.C1	4.640636454	1.222134374	0.319993246	0.931819434	-0.075521989	-0.875740875	-0.970654749	0.003161594	0.024339734
YGL02.19227.C1	4.989163399	1.221964394	0.396716487	0.704526253	0.158675272	-0.941426499	-1.194330536	0.000857831	0.009618774
YGL02.22362.C1	5.83317286	1.221624381	0.384482777	0.676316384	-0.087664475	-0.658936645	-1.205167607	0.000732322	0.008602009
YGL02.9934.C1	8.098055253	1.220982103	0.366794819	0.448602444	0.079988449	-0.306411139	-0.35638517	7.00E-09	7.03E-06
YGL02.5216.C1	5.418910588	1.220825562	1.063586361	2.205891704	-0.263461754	-0.423195398	-1.630423561	0.000119954	0.0024061
YGL02.10914.C1	4.705533837	1.220795127	-1.062590216	-0.015316356	0.110861701	0.753101917	-0.643960199	0.00027572	0.004309085
YGL02.11205.C1	6.006824026	1.220747797	0.551453807	0.650478596	-0.554584215	-0.49777793	-0.62966111	0.000113284	0.002312794
YGL02.11958.C1	8.514300047	1.220739517	-0.005603554	0.658893938	-0.075881801	-0.17840076	-1.104391474	2.56E-06	0.000181544
YGL02.6358.C1	6.733636353	1.220451555	0.478600817	1.349033339	-0.085739736	-0.376805236	-1.098887324	7.32E-06	0.000354799
YGL02_GNYA1SO04IK5LH	4.357506542	1.220134199	0.322254657	0.47433857	0.337871967	-0.773292542	-1.156811587	0.005363578	0.03565613
YGL02.5186.C2	4.783262891	1.219926928	0.515083582	0.846320857	0.613405837	-0.502370308	-0.639097967	1.55E-05	0.000580453
YGL02.10741.C1	6.972566314	1.219621693	0.53411047	1.708512574	0.353527421	-0.651566435	-1.684718352	5.08E-05	0.001316834
YGL02.7078.C1	7.033867555	1.21955769	0.127897855	0.611420685	0.396520495	-0.136823241	-0.667660868	2.72E-06	0.000187806
YGL02_GNYA1SO04IUR4F	6.019326144	1.219215188	0.12147374	0.542262138	0.030907666	0.121072756	-0.408483593	0.000584897	0.007300557
YGL02.360.C1	4.205788891	1.218521038	0.031280846	0.926310894	-0.27511779	0.060266897	-1.128935693	0.001670742	0.015440872
YGL02_GNYA1SO04I8U7D	4.858695948	1.218284469	-1.57284237	-0.795404258	0.060058261	0.966449281	0.041150156	0.000782368	0.009008179
YGL02.1243.C1	8.305475163	1.218230591	0.350933849	0.502831852	-0.159840949	0.005868266	-0.590201798	3.48E-07	5.16E-05
YGL02.20917.C1	5.394593154	1.217754825	0.636136388	1.460803529	-0.177118274	-0.610522932	-1.054354996	3.08E-05	0.000938415

YGL02.22245.C1	4.818115511	1.21692622	0.45158977	1.583723237	0.195913704	-0.297749653	-0.6865815	0.001303936	0.01293229
YGL02.4897.C1	4.162566431	1.216711237	0.588989563	1.11153602	-0.329433391	-0.368291533	-1.04833405	3.10E-05	0.000941427
YGL02_GNYA1SO04JFANP	7.114532617	1.216670407	-0.663740154	0.231857912	-0.298374727	-0.142578058	-0.386759257	1.99E-06	0.000155327
YGL02.4204.C1	9.649733178	1.216507066	0.639848407	0.240671923	-0.121623082	-0.4317846	-0.815484493	8.96E-06	0.00040454
YGL02_GNYA1SO04H9IWD	5.638755567	1.216361144	0.820720672	1.859756212	0.035332706	-0.67409853	-1.271849222	1.67E-05	0.000611622
YGL02.22527.C1	6.047271589	1.215957233	0.607293302	0.952960145	0.074954777	-0.736274077	-1.456687863	2.00E-06	0.000155987
YGL02.5720.C2	8.835603068	1.215919398	0.015886931	0.571822879	-0.161934126	-0.159997697	-0.755674433	5.96E-08	2.01E-05
YGL02.9140.C1	5.160742464	1.215750023	-0.320112003	-0.064143165	-0.206642886	-0.508065304	-0.761469037	0.000964766	0.010454115
YGL02.5427.C1	5.922822103	1.215663269	-0.095221605	-0.143786267	-0.38639349	-0.017395835	-1.007767885	0.000553418	0.007026374
YGL02_GNYA1SO04IOYIY	6.549866556	1.215148917	-0.025726618	0.314611713	0.051630029	-0.319542355	-0.83580165	7.88E-05	0.001793575
YGL02_GNYA1SO04JECN0	6.84435284	1.215041206	0.128300414	0.014783185	0.835295359	-0.683888713	-0.81677619	1.69E-05	0.000616176
YGL02.8667.C1	5.483506973	1.214970723	-0.074507584	0.96692305	-0.413661233	-0.139150224	-0.854484231	0.000386019	0.005454294
YGL02.13827.C1	6.502375516	1.214394837	-1.265408581	-0.204680358	0.09594965	0.030683171	-1.13052289	1.72E-06	0.000142688
YGL02.15054.C1	4.432982843	1.214086143	0.14654005	0.266851521	-0.500978368	-0.561654942	-0.78981062	0.00429428	0.030324999
YGL02_GNYA1SO04IYV5Y	6.568201309	1.213665501	0.033921322	0.561334853	-0.206682581	-0.263061438	-0.626222842	4.27E-05	0.00117127
YGL02.3075.C2	4.835505628	1.213632414	0.427520794	0.401670485	0.583355094	-0.512606211	-1.132003759	0.000115568	0.002341813
YGL02.14420.C1	3.076823466	1.212662974	0.520127927	0.889292721	-0.023313557	-1.22500114	-0.875624155	3.84E-05	0.001092145
YGL02.15940.C1	7.248834149	1.21251204	-0.168842918	0.652921421	-0.03596827	-0.469710909	-1.010661093	0.000255682	0.004076619
YGL02_GNYA1SO04IP6RV	8.872044507	1.212434347	-0.59730523	-0.124716072	0.014850179	-0.230251243	-0.538502897	2.18E-05	0.000735694
YGL02.6803.C1	5.898123937	1.212389301	0.495202736	0.105793312	0.128304621	-0.221400731	-0.883201874	0.000866524	0.009687594
YGL02.8231.C1	4.329413466	1.212366426	0.635580533	-1.165520783	0.112620256	-0.795734059	-0.06938693	0.000715658	0.00845046
YGL02_GNYA1SO04IK3XM	4.407154511	1.211840123	0.562035786	0.556206694	-0.027671893	-0.337234966	-0.984504406	0.000222942	0.003703715
YGL02_GNYA1SO04ISU72	4.876640986	1.211828189	0.534900293	1.435947343	-0.383487056	-0.899907041	-0.908960574	0.006684514	0.041737223
YGL02_GNYA1SO04JB3AU	2.908061744	1.211617619	0.212437015	0.14091966	0.18744695	-0.346072082	-0.068214143	0.000214289	0.003599691
YGL02.15660.C1	5.756438483	1.211604734	0.598465172	0.727521983	-0.049933362	-0.679332761	-1.209047311	7.34E-07	8.28E-05
YGL02.2135.C2	5.103646699	1.211382609	0.131979368	0.247359457	-0.220806729	-0.240694094	-0.080748633	0.001604356	0.015002934
YGL02_GNYA1SO04H60O9	6.462776469	1.211148388	0.873438652	1.309148442	-0.034963214	-0.646110861	-1.382198103	3.94E-06	0.000238221
YGL02.14721.C1	6.543577014	1.21097593	0.341713413	0.617615939	0.268756148	-0.261635013	-0.533107293	1.48E-07	3.07E-05
YGL02_GNYA1SO04JDSKN	8.534239843	1.21029882	-0.572882793	0.030436453	-0.066227861	-0.075872678	-0.58002105	4.51E-06	0.000259231
YGL02.13778.C2	4.441574967	1.209937538	0.953823801	1.494316345	-0.223848675	-0.646808615	-1.393528734	0.000158364	0.002912624
YGL02_GNYA1SO04INYOA	5.116850167	1.209731947	0.294618146	1.577508922	-0.153771828	-0.519876443	-1.091368069	0.003502067	0.026172096
YGL02.11458.C1	7.752214537	1.209265051	0.615954677	-0.034732146	0.046790355	-0.226162677	-0.570274951	1.72E-08	1.04E-05
YGL02.12185.C1	6.629166095	1.209138606	0.025120177	0.633642632	-0.184683774	-0.351806732	-1.013402752	0.000450646	0.006068813
YGL02.5647.C1	4.447778547	1.209083848	-0.202698721	1.334805606	0.000705059	-0.286290904	-1.221791809	0.002219376	0.018883332
YGL02.22670.C1	5.299772966	1.208926181	-0.511666637	0.227577892	-0.259440987	0.124882621	-0.258980827	1.60E-05	0.000594107
YGL02.7391.C1	6.029005389	1.208812185	1.258493266	1.242209599	-0.207150293	-0.565915663	-0.51985062	3.18E-06	0.000207527
YGL02.10307.C1	6.903381689	1.208505734	-0.279244518	0.140876581	0.029929348	-0.119835013	-0.405166271	9.47E-06	0.000419124
YGL02.10066.C1	4.733053783	1.208098604	-0.467370152	0.355659345	-0.193045807	0.43985783	-0.144762489	0.002828565	0.022498812
YGL02.4323.C1	4.460560842	1.20789813	0.037368519	0.478197649	-0.153899992	-0.277065082	-1.197669971	2.32E-05	0.000766983
YGL02_GNYA1SO04I6T8H	5.420512635	1.20779743	0.694456836	0.510424696	0.379347041	-0.705722494	-0.877509235	1.18E-05	0.000482073
YGL02.11901.C1	7.087932571	1.207789222	0.42579901	0.353638273	-0.115199125	-0.421832594	-0.191261399	1.58E-08	1.01E-05
YGL02.17257.C1	7.571672959	1.20759154	0.795157667	0.771580989	-0.234539413	-0.350762304	-0.694900001	0.000867806	0.009697041
YGL02.7848.C4	8.937451081	1.207586401	0.288876453	0.915173064	-0.052144899	-0.409516161	-1.163873367	2.40E-07	4.09E-05
YGL02_GNYA1SO04JC69V	5.55867282	1.20727202	0.526257053	1.061128929	0.114368116	-0.646069176	-0.973699338	0.000135895	0.002622673
YGL02.20789.C1	4.372804029	1.207217548	0.043875876	2.001076682	-0.070637109	-0.256618798	-1.335276416	1.42E-05	0.000547468
YGL02_GNYA1SO04IL6PS	5.534699707	1.207106044	-0.142949642	0.307395994	-0.464886366	0.064770313	-0.804928052	3.28E-05	0.00097957
YGL02.13137.C2	4.369538194	1.207015976	0.979542338	1.604184982	-0.085584821	-0.353767842	-1.295166832	0.000111389	0.002287744
YGL02.14313.C1	9.104682956	1.206805886	-0.19094547	0.444491347	0.185640831	-0.298628415	-0.883501015	4.16E-08	1.61E-05
YGL02.13592.C1	5.706267469	1.206255496	0.462421594	0.275451985	-0.49833713	-0.452810049	-0.749336489	3.44E-05	0.001012192
YGL02_GNYA1SO04JPNZD	8.223916195	1.206036768	0.261815151	0.763497579	0.009558955	-0.35023187	-0.986717438	4.59E-06	0.000262169
YGL02_GNYA1SO04IFHH9	5.951638562	1.205874319	0.466492842	0.70155612	-0.215755741	-0.883943451	-1.119942426	0.000448622	0.006047762
YGL02_GNYA1SO04IXXPX	5.643418409	1.20584262	1.303546194	0.754974252	-0.528522226	-0.67933965	-0.924653643	0.000357999	0.005175278
YGL02.16636.C1	5.375477197	1.205290161	1.029379344	0.963588906	0.054071932	-1.104891473	-1.359592959	0.000484546	0.006386528
YGL02.2398.C1	8.319728457	1.205181357	-0.072663442	0.04047793	0.073740253	-0.401319662	-0.396679126	2.92E-06	0.000196777
YGL02.13749.C1	7.490936766	1.205057477	0.719832575	1.171423747	-0.297750679	-0.425839923	-1.162070627	2.15E-07	3.84E-05
YGL02.19234.C1	6.96671246	1.204891949	0.05258592	0.937312904	0.456630253	-0.514620995	-1.098875854	9.19E-06	0.000411053
YGL02.3922.C1	8.909959975	1.2046671	-0.038053078	0.598049127	-0.098414845	-0.422800232	-1.079274296	1.88E-08	1.10E-05
YGL02_GNYA1SO04IDH50	4.243722602	1.204096767	0.909004838	1.211402281	0.427994708	-0.905587506	-1.707645555	0.001538052	0.014571248
YGL02.19671.C1	3.757879816	1.204046316	-0.149208752	0.350819463	-0.739152265	-0.060247317	-0.658588373	0.007558657	0.045630955
YGL02.16002.C1	5.021717548	1.20403539	-0.07147286	0.000886375	-0.17845634	0.051659569	-0.693459024	0.006696504	0.041781865
YGL02.10430.C1	4.528238916	1.204014976	0.963205601	1.063564291	-0.199899756	-0.805054978	-0.718362884	0.003385095	0.025533693
YGL02.5731.C1	7.71400343	1.203748678	0.084803897	-0.033055194	-0.036305569	-0.286895659	-0.297133009	1.51E-07	3.11E-05
YGL02_GNYA1SO04IL7KB	8.547377617	1.203580973	0.452612771	0.917174138	0.329653238	-0.452918797	-0.839928561	2.60E-05	0.000831187
YGL02.22860.C1	3.732884436	1.20347853	-0.428973815	1.162315909	-0.179686431	0.008238842	-0.898796283	0.000113131	0.002310378
YGL02.4662.C1	9.944501442	1.203404438	0.187574266	0.732879086	-0.282536976	-0.362668499	-1.073177701	8.30E-05	0.001862574
YGL02.488.C1	4.311246066	1.203401065	0.512517893	-0.162307133	0.156484071	-0.337246291	0.214484491	0.000324744	0.004839315
YGL02_GNYA1SO04JCA2O	7.850519484	1.203254188	0.287816466	0.516146998	0.00239309	-0.320788501	-0.622459044	1.25E-07	2.82E-05
YGL02_GNYA1SO04JM3TN	6.998915032	1.202959702	0.636087382	0.602262548	-0.194927258	-0.178121402	-0.559879154	5.18E-07	6.59E-05
YGL02.21527.C1	5.651194195	1.202956352	0.402915024	1.33855883	0.159677957	-0.660272285	-1.175788022	1.58E-05	0.000589055
YGL02.16912.C1	7.232916695	1.202916096	0.167476745	1.032814001	0.034116068	-0.184588883	-1.333167155	6.67E-05	0.001590391
YGL02.2592.C1	5.897250316	1.202760973	0.271909597	0.913512612	-0.19086911	-0.486525863	-1.035305942	9.21E-05	0.002007288
YGL02.1411.C4	8.064435525	1.20269317	0.092669734	0.083689605	-0.346800505	-0.384944952	-0.510464577	1.64E-06	0.000137445
YGL02_GNYA1SO04JV0OF	3.12150284	1.202425501	-0.128594666	1.499722173	-0.121566694	-0.743038642	-1.143251602	0.003576624	0.026582012
YGL02.13220.C1	3.112334163	1.202273368	-0.08668118	0.932836411	-0.073429586	0.045575443	-0.979885926	0.000454443	0.006105777
YGL02_GNYA1SO04JKBC9	6.053404575	1.202203008	0.21973099	0.520494612	0.175408564	-0.185116157	-0.686312495	0.000117511	0.002368424
YGL02.18383.C1	4.834993801	1.202169234	-0.10261461	0.223561893	-0.161933127	-0.214518782	-0.568789254	0.000816408	0.009293516
YGL02.18891.C1	4.502592267	1.202164933	-0.272975614	0.721377235	0.326389952	-0.351355175	-1.872908482	0.000455441	0.006113046
YGL02.13613.C1	4.480654516	1.201951427	0.249494324	0.219426548	0.042248622	-0.617885136	-0.706162519	0.007979052	0.047408574
YGL02.1375.C2	6.48117485	1.201500313	-0.154129289	0.29278446	0.175620394	0.03931014	-1.134352796	0.000230131	0.003784785
YGL02.16266.C1	6.399471569	1.201456703	-0.311244202	0.385672946	-0.265411911	-0.323427604	-0.644484839	3.34E-06	0.000214241
YGL02_GNYA1SO04I6OBQ	2.877713228	1.201426083	0.041784592	0.023993999	-0.153803487	-0.662027175	-0.621430652	3.90E-05	0.001102755
YGL02.6422.C1	7.477881794	1.201275322	-0.024165036	0.754498128	0.125717527	-0.24100619	-1.436695628	3.76E-06	0.000231562
YGL02.18276.C1	7.774023374	1.201204217	0.14308245	0.367633777	0.269426978	-0.206404187	-0.406640901	6.53E-09	7.01E-06
YGL02_GNYA1SO04IFGQS	6.551522009	1.201130044	0.331475339	0.435758794	0.355583314	-0.218615136	-0.806448453	0.000715394	0.008448106
YGL02_GNYA1SO04IM4KR	4.402523276	1.201073907	0.174441911	1.164384707	-0.123617361	-0.364333513	-1.169378543	0.00674563	0.042003149
YGL02.17447.C1	6.918066215	1.200818856	0.090124595	0.068783058	-0.459769179	-0.202409913	-0.28186899	6.45E-06	0.000326803
YGL02.11931.C1	3.705993139	1.200708177	-0.573656469	-0.530640586	0.00532107	-0.286536775	-0.903512492	0.002033981	0.017752656
YGL02.13685.C1	6.430432257	1.200613569	0.580756878	0.386499315	0.155949704	-0.4671921	-0.458906656	1.73E-06	0.000142802
YGL02.8694.C1	5.424963988	1.200532627	0.45726786	0.356722992	0.075068937	-0.618630557	-0.202218731	0.000375816	0.005353349
YGL02.11195.C1	6.329151045	1.200444562	0.199681494	0.815870402	-0.205479391	-0.26428379	-1.02617083	2.91E-08	1.39E-05

YGL02.19002.C1	4.804437492	1.200438249	0.881857257	1.466558775	-0.599599986	-0.626938513	-0.658167642	5.64E-05	0.001415295
YGL02.12731.C1	4.770186482	1.200026161	-0.001043349	0.355003395	0.314391608	-0.362178449	-0.131355188	0.00174194	0.01592386
YGL02.7438.C1	8.166267296	1.199877978	0.38180328	1.271107397	0.065371672	-0.365769149	-0.803969441	1.29E-08	9.24E-06
YGL02_GNYA1SO04IXDUU	4.912069883	1.199221404	0.539442628	0.502272695	-0.659872665	0.06776104	-0.456065373	0.002835299	0.022530988
YGL02_GNYA1SO04H1RV5	8.355746594	1.199043641	0.040997378	0.479337879	0.024410808	-0.34237873	-0.900011577	6.97E-07	8.01E-05
YGL02.11414.C1	4.370237796	1.198268577	-0.350174276	0.148877808	-0.335387861	0.013074741	-0.703542529	0.002313636	0.01945651
YGL02.5219.C1	9.540397067	1.19773703	0.594897179	0.772777862	-0.322360919	-0.383453809	-0.794209026	7.64E-08	2.22E-05
YGL02.10560.C1	5.3861795	1.197434357	-0.187809614	0.759393226	0.01804804	-0.108569312	-0.799605312	0.000308859	0.004676046
YGL02.14659.C1	6.986978669	1.197334723	0.296340938	0.327266252	0.24767104	-0.348626539	-0.531600792	1.19E-07	2.77E-05
YGL02.1733.C1	5.529048568	1.197022522	0.094420714	0.843244989	0.110141649	-0.059998389	-0.621038555	0.00018022	0.003182806
YGL02.11101.C1	8.382765081	1.196777883	0.440613885	0.624603751	-0.267898982	-0.43202501	-0.661696985	2.20E-05	0.000740732
YGL02_GNYA1SO04H97WA	2.832652756	1.196700966	0.13856875	-0.019975142	0.108272231	-0.363640333	-0.860728571	0.004905592	0.033433157
YGL02_GNYA1SO04I1AIO	5.961140368	1.19630146	0.575264471	1.428049158	-0.04922782	-0.322865692	-1.204337094	4.85E-05	0.001278395
YGL02.16191.C1	3.469297139	1.196223857	1.406830916	0.848743368	-0.132046844	-1.574820217	-1.045064784	8.39E-05	0.001876348
YGL02.10277.C1	5.667334129	1.196138657	-0.262562867	0.5271665	0.323141343	-0.290370303	-0.686450011	3.14E-07	4.86E-05
YGL02.2229.C3	6.7068929	1.196049055	-0.141700588	-0.53163756	-0.258856346	-0.227787871	-0.440950408	1.00E-05	0.000434379
YGL02.19646.C1	2.882748439	1.195940965	0.099063456	0.048334425	0.003469805	-1.111112747	-0.686784295	0.002947803	0.023130394
YGL02.10243.C1	6.244064533	1.195906134	0.859555645	0.51986762	0.11485529	-0.476042793	-0.664292779	3.75E-05	0.001075634
YGL02.19313.C1	6.137574356	1.195616641	0.530407892	0.928399742	-0.054561423	-0.247322975	-0.925791933	5.44E-06	0.000293161
YGL02.754.C2	5.559438077	1.195056696	0.818365399	1.699819328	0.023993102	-0.53250857	-0.983525125	1.71E-05	0.000620502
YGL02.8041.C1	4.736248862	1.194839198	-0.221661033	-0.083485345	0.264312473	-0.438768296	-0.506589789	0.000379493	0.00538795
YGL02.14369.C1	6.574308088	1.194502367	-0.14789029	0.042924501	-0.231033959	-0.069476126	-0.250513131	1.06E-06	0.000104531
YGL02_GNYA1SO04JHWA2	10.21039667	1.193975432	0.120032148	0.699396925	0.11034689	-0.283002907	-0.700068999	3.69E-05	0.001063095
YGL02_GNYA1SO04H3V4S	3.100748507	1.193865634	0.592517495	0.065979426	-0.200349032	-1.093622969	-1.209765942	0.000657209	0.007945024
YGL02.14891.C1	5.787496282	1.193327816	0.688419841	1.066589893	-0.200253099	-0.309600487	-0.361516512	0.000119383	0.002396497
YGL02.2878.C1	5.429273837	1.193325666	0.289821791	0.20369709	-0.052686321	-0.505144859	-0.862556908	8.63E-06	0.000395069
YGL02.9231.C1	4.576353242	1.193052551	0.486534815	1.438714083	0.132673024	-0.541656717	-0.890587484	0.004217596	0.029923818
YGL02.18027.C1	3.377255305	1.192942884	0.828091147	1.350784079	-0.062357447	-0.49420539	-0.884882542	6.40E-05	0.00154196
YGL02.9828.C1	5.691799863	1.192605029	0.569008423	1.122910846	0.498474473	-0.431349699	-1.216979172	1.12E-05	0.00046827
YGL02_GNYA1SO04JEON4	10.13562857	1.192565778	0.035135585	0.589061222	0.054632066	-0.309894041	-0.676308544	2.72E-06	0.000187806
YGL02_GNYA1SO04IDJ8G	3.69070919	1.192300983	0.475452435	0.271018924	-0.266298608	-1.466797577	-1.722863704	0.006626542	0.041477248
YGL02_GNYA1SO04II9AJ	10.40968293	1.191651594	0.092216066	0.731509813	0.303815464	-0.243878903	-0.675775923	1.84E-05	0.000653742
YGL02.6661.C1	8.773808202	1.191564139	0.396966529	0.878602137	-0.139158695	-0.150596857	-0.712058972	8.60E-09	7.38E-06
YGL02_GNYA1SO04ISGHP	9.433107281	1.191266991	0.010959196	0.242442816	0.082467223	-0.464980728	-0.647675243	2.75E-06	0.000188804
YGL02_GNYA1SO04IUMEQ	12.18492255	1.190594392	0.685743782	0.495158776	0.06732198	-0.490813421	-1.154086019	0.000107674	0.002233867
YGL02.12789.C1	4.656449046	1.19025831	-0.14162793	0.935443455	-0.22374929	-0.5946976	-0.992010094	0.000159078	0.002920733
YGL02_GNYA1SO04I8OHE	5.621760701	1.190094223	0.201186992	0.303505527	0.116459006	-0.421563116	-1.1933382	0.002429969	0.02016247
YGL02_GNYA1SO04JZNTR	4.811519039	1.18981427	0.320811988	-0.242532462	0.073650514	-0.163465163	-0.690249159	0.001716435	0.015752984
YGL02.398.C1	8.521053782	1.1895202	-0.397090368	0.006084228	-0.060868259	-0.28803031	-1.189988967	9.72E-05	0.0020821
YGL02_GNYA1SO04JDEPD	8.183132998	1.189482598	-0.214033469	0.54176577	-0.003565007	-0.308942535	-1.069934066	1.69E-06	0.000141127
YGL02.15070.C1	7.87497619	1.189445048	0.859630431	1.095363544	0.111995459	-0.513231107	-1.543155545	1.26E-07	2.83E-05
YGL02_GNYA1SO04JFUL9	6.688527714	1.189212318	0.396530423	0.941197159	0.047986386	-0.623346412	-1.399253478	7.15E-06	0.000349277
YGL02.6145.C1	7.114112883	1.188984093	0.22773416	0.414623882	0.14458024	-0.350036447	-0.775607749	5.85E-07	7.13E-05
YGL02_GNYA1SO04JSMDY	4.951126883	1.188953606	-0.510172314	0.510119771	-0.182115141	0.098839966	-1.168405908	0.003328445	0.025232784
YGL02.17366.C1	4.118986814	1.188898613	0.147880928	1.371621926	0.432998371	0.068940616	-1.464499688	0.000884697	0.009829803
YGL02.11948.C1	7.96583551	1.188412652	-0.067626784	0.358638656	-0.025824363	-0.291533991	-0.663695564	4.51E-07	6.03E-05
YGL02.303.C1	2.725742668	1.188010994	0.02928128	0.162068277	0.43202294	-0.854344913	-0.226494147	0.00436648	0.030682596
YGL02.14099.C1	6.606578999	1.187835522	-0.092807513	-0.024791267	0.009047464	-0.117351929	-0.393525342	6.54E-06	0.000330029
YGL02.17181.C1	3.310725995	1.187811204	0.211386061	-0.282526035	0.260094798	-0.087373493	-0.058774921	0.005694088	0.037254495
YGL02_GNYA1SO04JTUW0	7.692011539	1.187748873	0.176482325	0.794243166	0.059500166	-0.221407066	-0.765059124	3.15E-06	0.000206203
YGL02.21106.C1	7.792870129	1.187691009	0.522568986	1.016286088	-0.180666861	-0.341243474	-0.74368222	3.24E-08	1.43E-05
YGL02.6104.C2	7.430299295	1.187668265	0.378352117	0.210772096	-0.056910308	-0.49686245	-0.417255343	6.56E-08	2.08E-05
YGL02_GNYA1SO04H45LA	5.90995057	1.187358093	-0.047530603	0.450911395	-0.437386067	-0.443886913	-0.733833985	0.000478096	0.006325335
YGL02.1784.C1	5.392152409	1.187230981	0.230651068	1.093318711	0.186537726	-0.613297274	-0.999778035	2.20E-05	0.000740658
YGL02_GNYA1SO04JM5FB	4.284878972	1.18718311	-0.594622203	0.954773792	0.080418509	-0.006537328	-0.625672352	0.002121969	0.018274082
YGL02.4328.C1	6.882514028	1.186856577	0.202394811	0.72235673	-0.084605903	-0.331935332	-0.594857756	9.29E-07	9.66E-05
YGL02_GNYA1SO04IAEPO	8.172670673	1.186447946	0.194774501	0.836117131	-0.004658618	-0.088051808	-0.845134511	0.000132906	0.002584683
YGL02.2533.C2	8.692781466	1.186012582	0.538613062	0.796147192	0.111105777	-0.298789186	-0.775025091	2.52E-06	0.000179624
YGL02.3440.C1	7.964481898	1.185386264	0.077156151	0.969178374	0.108980295	-0.259660189	-0.37524655	2.60E-07	4.29E-05
YGL02.2749.C2	5.795951164	1.185382566	0.32927765	1.022982534	0.207555998	-0.456621398	-0.881915328	5.44E-06	0.000293161
YGL02_GNYA1SO04JWB44	3.768802174	1.184995894	-0.256522188	0.337854919	0.187578854	-0.2342309	-0.787348379	0.008047856	0.047712298
YGL02.21451.C1	5.694515345	1.184660446	-0.315448137	0.604046481	-0.057978054	0.065559685	-0.883028122	1.43E-05	0.00054955
YGL02.3142.C1	7.622513066	1.184617821	0.141505784	0.338576797	-0.1588314	-0.056182013	-0.213021882	2.42E-07	4.11E-05
YGL02_GNYA1SO04IMRLY	6.725808784	1.184450598	0.075997122	0.190194914	0.023249882	-0.138896518	-0.415179698	7.35E-05	0.00170664
YGL02_GNYA1SO04II50M	6.962533548	1.184427056	0.455287685	0.535190099	0.036629853	-0.459346485	-0.428076577	5.81E-06	0.000306181
YGL02_GNYA1SO04IRQ2M	12.33882027	1.184366099	0.69240267	0.466766904	0.09134367	-0.54868298	-1.142835083	9.70E-05	0.002080278
YGL02_GNYA1SO04I27CG	6.352726606	1.184272835	-0.616376706	-0.156051042	0.067640667	-0.081204779	-0.460927461	5.52E-06	0.000295422
YGL02.8999.C1	8.737206917	1.183764169	-0.913274519	0.843912495	-0.350069005	-0.67298053	-0.157874605	8.76E-05	0.001936072
YGL02.19581.C1	4.628399052	1.1837413	0.661703565	0.83519169	-0.630161587	-0.792272611	-0.784986284	0.002793389	0.022292342
YGL02.21575.C1	6.612937566	1.18345651	0.268999283	0.838863629	0.055850607	-0.372155537	-0.896519684	3.28E-06	0.000212093
YGL02.16905.C2	6.231866281	1.183005528	0.552046548	0.315105399	-0.091891343	-0.561989155	-0.395363786	0.000868962	0.009708282
YGL02_GNYA1SO04I2T9N	5.975682858	1.182756737	0.547004205	0.717866643	-0.129341792	-0.653711771	-1.116604889	0.000821643	0.009331784
YGL02.15483.C1	8.248922049	1.182721417	0.06173771	0.148445434	-0.028107968	-0.216483149	-0.495178739	5.08E-07	6.50E-05
YGL02.16743.C1	7.272057444	1.182509974	0.120717803	0.495139699	-0.050069504	-0.230585871	-0.817526532	2.59E-07	4.28E-05
YGL02.15289.C1	3.608807681	1.182419293	0.332662847	0.943104737	0.099975167	-0.137854458	-1.634827126	0.001229822	0.012405303
YGL02_GNYA1SO04IVWZ7	9.288493055	1.181921149	0.144273382	0.24839613	0.039269226	-0.456734042	-0.608118911	5.12E-06	0.000281718
YGL02.13030.C1	10.10642893	1.181643285	0.263431043	0.849815953	-0.219257181	-0.528849454	-1.731528797	3.60E-07	5.26E-05
YGL02_GNYA1SO04IH0H2	5.212477121	1.181257083	0.784687858	1.220056712	-0.349034559	-0.463677914	-0.850245837	8.27E-05	0.001859652
YGL02.3330.C1	7.019852806	1.181104755	0.263214977	0.6469691	0.373731101	-0.337455347	-0.690661742	5.15E-08	1.89E-05
YGL02.13907.C1	4.738437762	1.180842527	-0.233260403	0.718534933	-0.229088429	-0.767552603	-0.565138595	0.000660445	0.00797373
YGL02_GNYA1SO04IJ6O2	6.210333519	1.180746054	0.509053711	0.569507857	-0.149695046	-0.418840066	-0.356000177	0.001274866	0.012715061
YGL02.6902.C1	3.721652512	1.180447576	-0.183146231	1.289171589	-0.687452104	-0.6031391	-1.290466783	0.005858895	0.038007924
YGL02.4330.C1	7.494778369	1.180385701	-0.274217805	0.776686458	-0.177157465	0.117719333	-1.282423001	2.31E-05	0.000766713
YGL02.13969.C1	9.028920524	1.180289973	0.231028382	0.715427456	0.262438854	-0.459637188	-1.20350441	3.03E-05	0.000926945
YGL02.5652.C12	6.151885005	1.180198919	0.376826142	0.493296865	0.136259089	-0.148942209	-0.068800927	4.18E-06	0.000247813
YGL02_GNYA1SO04H0OLM	4.911930705	1.179937137	0.359008881	1.304151372	0.042326663	-1.021684827	-1.450471494	4.53E-05	0.001223343
YGL02_GNYA1SO04H3O5Y	8.490125455	1.179718145	-0.078268691	0.210984458	0.119818557	-0.338349855	-0.174960389	4.15E-05	0.001150549
YGL02_GNYA1SO04IO1V1	6.116850938	1.179652159	0.075394923	0.08615395	0.064806018	-0.028633126	0.101070342	0.001333942	0.013141312
YGL02_GNYA1SO04JI6LJ	6.559382004	1.179578301	0.510772137	1.075182048	-0.121673731	-0.338084522	-0.590923204	2.59E-05	0.000829672
YGL02.16218.C1	7.285889364	1.179230998	-0.021729467	0.420078826	-0.11592052	-0.42830869	-1.09552805	5.77E-08	1.99E-05

YGL02_GNYA1SO04JKFPD	4.522375208	1.179163433	0.579181437	0.186565863	1.143240795	-1.157668982	-0.606297394	0.000147542	0.002777887
YGL02.18384.C1	6.03875804	1.179118957	0.245200207	0.347279159	-0.939160171	-0.259210745	-0.654096364	0.001229729	0.012405303
YGL02.1743.C2	6.827669977	1.179069515	0.016004413	0.239608917	0.02325399	-0.285206135	-0.61029269	4.99E-05	0.001300833
YGL02_GNYA1SO04JLS08	6.649744911	1.179045636	-0.17194071	0.162515619	-0.48134088	-0.1787127	-0.41237214	1.82E-05	0.000649593
YGL02.7848.C3	7.387102123	1.178891287	0.208686244	0.698893849	-0.068408544	-0.225715514	-1.148087698	2.72E-06	0.000187806
YGL02_GNYA1SO04I8R8V	8.926899719	1.178664063	0.245741671	0.832605928	-0.336201791	-0.568429402	-1.102957775	4.64E-05	0.001239182
YGL02.7234.C1	8.941379418	1.178634852	0.080104222	1.204326134	0.205715449	-0.396420728	-0.756222837	7.18E-08	2.13E-05
YGL02_GNYA1SO04I37IJ	6.562159472	1.178173039	0.448926472	0.682556035	-0.28783978	-0.53387221	-0.909770969	5.05E-06	0.000279379
YGL02.6873.C1	3.022443837	1.178068439	-0.214464319	-0.168138311	0.103746623	0.016435462	-0.939050443	0.000122407	0.002440178
YGL02.22976.C1	4.907654177	1.178030135	0.427744046	0.683972145	-0.033891035	-0.413768899	-1.043077219	0.001741283	0.015920106
YGL02.4654.C2	4.543379938	1.178001677	1.612590183	-0.0414491	-0.338031784	-1.16871606	-0.511711258	0.002975117	0.023275006
YGL02_GNYA1SO04I6AOQ	6.253962939	1.177744005	0.616937624	0.398162012	-0.215714027	-0.546989924	-0.739590031	1.01E-05	0.000436966
YGL02_GNYA1SO04IEZTB	4.29220939	1.177623451	-0.941921858	1.095484946	-0.204308744	1.000668685	-0.949970863	0.00054411	0.006940606
YGL02.4860.C1	7.364906336	1.177272342	0.313152357	0.457429347	-0.118053555	-0.124228875	-0.347263483	2.57E-06	0.000181948
YGL02_GNYA1SO04JH96O	4.826396368	1.177095052	-1.164884519	-0.018390588	-0.218265749	0.089668633	-0.17726988	0.001153883	0.011859154
YGL02.19121.C1	7.511259134	1.177022247	0.022291976	0.251217466	0.195078526	-0.078037162	-0.030211195	3.32E-06	0.000213367
YGL02.10819.C1	5.831989066	1.176844007	0.148362355	0.134585328	-0.013944342	-0.303092194	-0.489082374	4.69E-05	0.001247734
YGL02.17234.C1	7.190491067	1.176805193	0.27930505	0.322472167	-0.181698908	-0.517518595	-0.76365085	5.69E-05	0.001424205
YGL02.11265.C1	2.76955818	1.176696558	-0.105575445	0.628775819	0.313963288	-0.945394966	-1.721135026	0.000831822	0.009415188
YGL02_GNYA1SO04IG8ZN	3.05794263	1.176412662	0.815815201	0.022156612	-0.244920807	-1.081044223	-0.830362521	0.007524675	0.045485181
YGL02.2647.C1	7.140186617	1.176254165	-0.692070286	-0.144305336	0.145286571	-0.15171453	-0.638659602	1.47E-05	0.000560814
YGL02.12863.C1	6.33902729	1.175353478	0.377127774	0.674955155	-0.220614786	-0.702257645	-0.724095978	6.78E-06	0.000337676
YGL02_GNYA1SO04H4EWR	5.698385277	1.174969077	0.390179711	0.963494156	0.408810247	-0.228360857	-0.639103177	6.17E-06	0.000317431
YGL02_GNYA1SO04H22RW	3.658578274	1.174702305	0.263145563	0.422553476	-0.890555825	-0.815255149	-1.134194179	0.006370548	0.0403291
YGL02_GNYA1SO04JGTBR	8.389677739	1.174628528	-0.40238502	0.345087367	0.091783645	-0.123103329	-1.567985083	7.35E-05	0.00170664
YGL02.1030.C1	6.995018056	1.174585175	-0.181312683	0.374905762	-0.146244793	-0.229646479	-0.666512048	7.50E-05	0.00173079
YGL02.3944.C1	5.686093731	1.174200653	0.246738419	0.62725807	0.321323561	-0.069245231	-0.644134913	0.00295937	0.023192446
YGL02_GNYA1SO04JQTNR	5.140496979	1.174174682	0.375288473	0.590427521	-0.592376699	-0.578473924	-1.036280682	0.000441179	0.005971782
YGL02_GNYA1SO04JWXMD	5.684299946	1.173612077	0.735836789	1.697627075	0.059014532	-0.827253667	-1.72372724	0.000403798	0.005631155
YGL02_GNYA1SO04JY4EZ	4.089708483	1.173598326	-0.234325132	0.528715952	-0.138863807	0.041773907	-0.348504466	0.001683638	0.015532829
YGL02.14359.C1	6.801281316	1.173277608	0.257229731	0.630861726	-0.3365036	-0.420062188	-1.43643341	0.000590865	0.00735658
YGL02_GNYA1SO04IA8UC	5.715795887	1.17316391	-0.370706933	0.069282621	-0.095144974	-0.581003804	-0.469427559	0.000262608	0.004161609
YGL02.9246.C1	6.68208069	1.173119679	0.163365879	0.60601661	-0.017463665	-0.108686883	-0.299174742	0.001267273	0.012664692
YGL02.1329.C1	4.582884175	1.173024958	-0.054783266	0.502273283	-0.202567153	-0.061378849	-0.984062164	6.34E-05	0.001532426
YGL02_GNYA1SO04JC1US	6.734103785	1.172653278	-0.647452655	0.470173606	0.289400882	0.044712192	-0.661856056	7.85E-06	0.000371592
YGL02.1080.C1	7.033892255	1.172248693	-0.104490543	0.603422515	0.093872933	-0.043888206	-0.729104456	5.76E-06	0.000304553
YGL02_GNYA1SO04IEUHA	2.7770166	1.172090172	0.122602006	0.110277002	0.124113037	-1.061288783	-0.984045439	0.001418011	0.013734429
YGL02_GNYA1SO04I390C	5.825545294	1.171407901	0.431767222	0.833438413	-0.596910958	-0.801857954	-0.595272994	0.001811452	0.016373064
YGL02.21449.C1	7.797673263	1.171228828	0.587642516	0.949744397	-0.072385447	-0.401229279	-0.498144426	4.59E-07	6.10E-05
YGL02.7842.C2	5.489281308	1.170811407	0.130396	-0.133422818	-0.335721374	-0.430305952	-0.205800622	0.001891648	0.016866514
YGL02.8787.C1	6.117638881	1.170580115	0.316423763	0.204616637	-0.061344098	-0.504499047	-1.161440696	1.70E-05	0.000618235
YGL02.23498.C1	9.614864199	1.170560977	0.061451682	0.688977211	0.231133211	0.122703915	-1.081237842	7.51E-06	0.00036144
YGL02_GNYA1SO04JDPKH	7.736357541	1.170523027	0.347445245	0.593479854	-0.248793216	-0.296927404	-0.934862963	0.000161868	0.002955659
YGL02.1411.C9	3.880198696	1.17038496	0.422384432	0.367644441	-0.037295592	-0.499858602	-0.542517401	0.003955843	0.028550021
YGL02.23499.C1	7.723266007	1.170086794	0.073258552	0.219843714	-0.316619771	-0.216213085	-0.591688841	3.34E-06	0.000214121
YGL02.11237.C1	7.891891077	1.169937045	0.011407159	0.386347637	0.078602243	0.092625632	-0.229480525	3.98E-06	0.000240237
YGL02_GNYA1SO04JA96Q	7.275222515	1.169851146	-0.040730542	0.563032235	0.134713486	-0.12838886	-0.678931115	8.21E-08	2.32E-05
YGL02.9563.C1	3.644340311	1.169803015	1.395182942	1.754461951	-0.073500812	-0.833761857	-0.711553006	0.000659636	0.00796693
YGL02.13534.C1	7.203274771	1.169713782	-0.073223155	0.287602478	0.09728864	0.087912413	-0.325168525	2.73E-06	0.000188418
YGL02.7848.C1	5.771483588	1.16956169	0.33377784	0.452090377	-0.15013477	-0.204382791	-1.111102403	1.04E-05	0.000445965
YGL02.17741.C1	4.660167918	1.169390528	0.105429869	0.88904844	-0.4594634	-0.134052323	-1.578713566	0.001367563	0.013370816
YGL02.5942.C1	5.976737938	1.169240889	0.628250009	0.531799373	-0.42820278	-0.566730591	-0.460694357	9.31E-07	9.66E-05
YGL02.3977.C1	5.939982766	1.169183962	0.478717025	0.760653803	0.0063798	-0.401976755	-0.819188585	3.32E-06	0.000213367
YGL02.3660.C1	6.484870692	1.169113861	0.233181623	0.920253549	-0.083037214	-0.388567962	-1.002987313	3.33E-05	0.000990299
YGL02_GNYA1SO04JCBP6	4.873048684	1.168942663	0.336261457	0.861503084	-0.114972124	-0.057035209	-0.482211796	0.001791939	0.016247878
YGL02_GNYA1SO04IR3N9	6.353028866	1.168935772	0.612561962	0.77405109	-0.021351258	-0.486824562	-0.70055285	3.22E-05	0.000965465
YGL02.18249.C1	4.576326806	1.168528001	0.448554217	0.080160297	0.145833116	-0.612615323	-0.66307118	0.000103291	0.002169653
YGL02_GNYA1SO04H0U31	6.332345441	1.168382241	0.108353981	0.592959212	-0.616812123	-0.029794775	-1.367980555	6.45E-05	0.001550681
YGL02_GNYA1SO04IGE1U	2.682476062	1.168362129	0.158120091	0.279425137	0.398805026	-1.104458177	-1.426855743	0.00355105	0.026438352
YGL02.12555.C1	3.349750386	1.168337482	0.084425403	-0.400307043	-0.039336152	0.258126951	-0.39609814	0.006263828	0.039833313
YGL02_GNYA1SO04IA8YM	2.755070602	1.165987019	0.049440748	0.374170068	0.122605036	-0.092138678	-0.028567896	0.008102393	0.047936868
YGL02_GNYA1SO04JRDTP	5.69925988	1.165898293	0.54970099	2.106716722	-0.058181778	-0.15990215	-1.672243611	0.00019889	0.003417696
YGL02.11030.C1	7.150899046	1.165828501	0.313894634	0.149531652	0.160972784	-0.570559058	-0.559001092	4.24E-08	1.63E-05
YGL02_GNYA1SO04ITT1A	3.742765324	1.165778865	0.987084028	1.607353556	0.089868082	-0.112314684	-1.147783528	0.002993251	0.023387201
YGL02.6150.C1	11.19452671	1.165635961	0.530730911	1.307037412	-0.153790665	-0.320804242	-1.07408136	0.000269556	0.004240394
YGL02.5585.C1	7.787477586	1.165425391	0.443125101	0.779986453	0.009931911	-0.530656685	-1.443405865	6.82E-07	7.91E-05
YGL02_GNYA1SO04JXW4X	7.308909482	1.165423961	-0.10419315	0.059335092	0.007777464	-0.03878087	-0.414749125	5.30E-06	0.000288293
YGL02.4539.C2	5.038223544	1.165321377	0.360828112	0.844478643	-0.003596009	-0.383773876	-0.586138478	0.000104827	0.00219125
YGL02.22701.C1	5.130347436	1.164709645	0.180544401	-0.331629567	-0.064738677	-0.194236527	-0.243674919	0.000174945	0.003124833
YGL02_GNYA1SO04H57O6	4.161770468	1.164513861	0.170719521	0.626503107	0.884488764	-0.778883038	-0.716609429	0.000347867	0.005077175
YGL02.22619.C1	3.718278134	1.16433431	0.020690347	0.488912937	0.274792172	0.120825004	-0.721377455	0.004301299	0.030354706
YGL02.4741.C1	6.160965413	1.163931674	-0.753995265	-0.053037419	-0.150426859	-0.08420975	-0.472824788	0.000210607	0.003555362
YGL02_GNYA1SO04JX94K	4.774851742	1.163924036	0.474797984	1.025151335	0.301747509	-0.101665949	-0.804791426	0.000104375	0.002184993
YGL02.17661.C1	2.831611771	1.163844375	0.44850895	1.035627295	0.249967396	-0.2741119	-0.269013813	0.001365683	0.013362522
YGL02.11259.C1	8.042412637	1.163584966	0.423647616	0.776859817	0.184158118	-0.377596217	-1.027666672	4.55E-05	0.001224709
YGL02_GNYA1SO04IREKU	5.736290987	1.163538914	0.423231975	1.119761047	-0.287223314	-0.44665763	-0.512417266	0.002882296	0.02279222
YGL02.15284.C1	10.28890667	1.163464818	0.236545472	0.127587432	0.016058856	-0.24025183	-0.296468612	1.29E-08	9.24E-06
YGL02.13276.C1	5.660806605	1.163418516	-0.94906864	0.350991603	-0.003216783	0.413269407	-0.804903646	0.000882124	0.009808006
YGL02.20448.C1	5.090206662	1.163313425	0.265575767	0.24294042	-0.094901706	-0.426492666	-0.457530159	3.57E-05	0.001039318
YGL02_GNYA1SO04J0UFU	3.834065135	1.163004289	-0.85362632	0.763814137	0.273138235	0.928706763	-0.622927974	0.000652277	0.007903845
YGL02_GNYA1SO04IVF3T	10.44030391	1.16298218	0.288865545	0.712932636	0.012451195	-0.359381997	-0.858419383	2.54E-05	0.000816734
YGL02_GNYA1SO04IPON9	4.285836159	1.162919814	-0.517763681	0.647588607	0.085985279	0.210839146	-0.959442211	0.005496237	0.036303953
YGL02.6568.C1	6.19969363	1.16274235	0.636567031	1.375609505	0.296640599	-0.806592111	-1.286941173	2.11E-05	0.000721705
YGL02.6038.C1	5.91277314	1.162660514	0.77295997	0.857144514	-0.084766577	-0.316230555	-0.783732547	2.42E-06	0.000175615
YGL02_GNYA1SO04H5WEG	3.669374651	1.162628098	1.005970728	1.070601646	-0.186239878	-0.996027942	-1.021596657	0.001046794	0.011069541
YGL02.8099.C1	4.420087989	1.162605428	0.005946949	0.217309158	-0.626689226	-0.243529151	-0.498715475	0.001762661	0.016055669
YGL02_GNYA1SO04JU262	7.545173926	1.161715956	-0.141838907	0.445346945	0.056593184	-0.126987432	-1.323855908	7.35E-05	0.00170664
YGL02.4809.C1	7.46692505	1.161307263	0.76046169	0.95658578	0.230500754	-0.593842983	-0.99276812	4.40E-07	5.97E-05
YGL02.9312.C1	5.767028391	1.160915743	0.068131015	0.592794586	0.024218822	-0.287205849	-0.617377428	2.29E-07	3.98E-05
YGL02.277.C2	9.598617608	1.160749384	0.285308349	0.639301817	0.030661202	-0.09832349	-0.408155114	4.68E-08	1.76E-05

YGL02.4666.C1	5.578026072	1.16042395	0.67480306	-1.069860735	0.059168502	-0.571383774	-0.258217106	5.93E-05	0.001465243
YGL02.13033.C1	8.319615558	1.160149614	0.549483339	1.157120467	-0.602426499	-0.31777659	-1.130391901	2.54E-06	0.000180109
YGL02.18020.C1	6.91657933	1.159971053	-0.181997958	0.315752009	-0.041333564	-0.310561011	-0.716716317	4.14E-08	1.61E-05
YGL02.7910.C1	6.835449405	1.159756605	0.513588122	0.804775627	-0.083467602	-0.333072984	-1.338627023	1.18E-07	2.76E-05
YGL02.22041.C1	4.123134419	1.159722657	0.711519552	1.316517062	-0.226965433	-0.132181262	-0.170956252	0.006105132	0.039132863
YGL02.12940.C1	7.025746658	1.159334765	-0.056509282	-0.15958672	0.444022126	-0.356720283	-0.782012625	7.37E-07	8.29E-05
YGL02.1544.C1	7.036458528	1.159313828	0.373524705	0.564954623	-0.164878702	-0.344584906	-0.336331063	3.16E-08	1.43E-05
YGL02.688.C2	6.028268333	1.159225605	0.081827589	0.340983986	0.069880682	-0.056655374	-0.422802682	3.63E-05	0.001051708
YGL02.9606.C1	6.062456121	1.159021331	-0.171712871	0.216137748	-0.058151201	-0.590195947	-0.505736983	0.000113794	0.002319175
YGL02.3279.C1	4.685713682	1.158856244	-1.097882978	1.474584386	-0.113189564	-1.36464037	-0.710750193	1.34E-05	0.000524047
YGL02.5766.C2	4.369498472	1.158545069	0.578545644	1.041543554	0.586880608	-0.15035143	-0.627577752	2.37E-05	0.000777941
YGL02_GNYA1SO04IM35O	4.802328248	1.158541116	0.283081098	0.144665825	-0.25100549	-0.845291095	-1.173596007	0.006518404	0.040980633
YGL02_GNYA1SO04H7KSF	6.247716374	1.158489745	0.181961292	0.767517697	-0.011120735	-0.385517565	-0.658162861	2.66E-05	0.000842924
YGL02.21076.C1	3.04447689	1.158255711	0.159617762	0.979176079	-0.105602318	-0.398851407	-1.248629571	0.001198678	0.012178428
YGL02.13644.C1	6.552010333	1.158014812	-0.315558485	0.682680311	0.083736268	-0.346353223	-0.887925147	1.33E-06	0.000120129
YGL02.14521.C1	7.466487768	1.157897505	-0.262829568	0.29210715	0.153109728	-0.350030913	-0.536916849	3.45E-08	1.46E-05
YGL02.382.C1	12.29921834	1.157748319	1.185776044	1.000741803	0.169051894	-0.4618447	-1.084266542	5.74E-05	0.001433171
YGL02.9574.C1	5.333116272	1.157722138	0.073938501	0.477741279	-0.003635124	-0.104107971	-0.706520546	6.03E-05	0.00148126
YGL02_GNYA1SO04IP03I	5.490716408	1.157632039	-0.253316426	0.117664888	-0.033009575	0.081890566	-0.073477343	0.000907137	0.01001212
YGL02_GNYA1SO04IFQ4G	4.742954262	1.157295625	0.722950079	0.539459525	0.389938384	-0.830682144	-0.362156235	0.000900576	0.009960933
YGL02.7219.C1	5.094801645	1.157210171	-0.184364276	-0.231885099	-0.34491046	0.122803836	-0.180548392	0.000651023	0.007894569
YGL02.10927.C1	5.935542757	1.157151848	-0.229644796	0.59760284	-0.348298535	-0.085688347	-0.655150974	1.32E-05	0.000518431
YGL02.5844.C2	2.851569972	1.157012221	0.056543204	0.162663834	0.258234189	0.002467664	-0.198486673	0.000260853	0.004140715
YGL02.18544.C1	4.891479246	1.156989441	0.008866299	0.561795637	-0.236837565	-0.266945001	-0.419552998	0.004086517	0.029256694
YGL02_GNYA1SO04JRT6F	7.451040638	1.156905546	0.134779808	0.449518799	-0.139893958	-0.028934134	-0.431583102	4.42E-07	5.98E-05
YGL02.11140.C1	6.707446411	1.156759651	0.379215453	0.689864752	-0.382546497	-0.133108733	-0.22468783	0.000101786	0.00215061
YGL02_GNYA1SO04H66F3	4.933458403	1.156530385	0.301733475	-0.42781458	0.037639608	-0.248103378	0.060673983	0.002690906	0.021695595
YGL02.9580.C1	6.909473895	1.156527085	0.345855981	0.676155174	-0.190272634	-0.215777768	-0.805888919	1.96E-05	0.000684131
YGL02.19862.C1	3.946387605	1.155959772	1.029895858	0.747717169	0.218354796	-0.805997885	-0.253341699	0.000273491	0.004284074
YGL02.12739.C1	6.753771294	1.155516474	0.285138655	0.618509126	0.920559837	-0.264775499	-0.684498553	1.00E-05	0.00043444
YGL02.10935.C1	8.31546581	1.15474787	0.335710544	0.576079347	-0.103202233	-0.180832598	-0.305922183	1.09E-07	2.65E-05
YGL02_GNYA1SO04H9ODE	2.955343695	1.154724512	-0.31877883	-0.383422842	0.315084291	-0.441477622	-1.148018007	0.00545472	0.036098744
YGL02.10453.C1	2.905132736	1.154321125	0.001766471	0.142870993	0.207523407	0.093218703	0.160149178	0.002452229	0.020297678
YGL02_GNYA1SO04IHN5S	8.154415286	1.15407634	-0.527003275	-0.40359431	0.048081296	-0.154977561	-1.065401161	3.24E-05	0.000970713
YGL02_GNYA1SO04I5D31	7.4171442	1.15391864	-0.45244892	0.686048421	-0.317090276	-0.148049875	-0.782362139	0.000231432	0.003799914
YGL02.21951.C1	4.123743081	1.15383543	0.575943826	0.460512034	0.111815014	-0.467411644	-0.16680379	0.00170046	0.015649626
YGL02.186.C1	5.513439007	1.15361275	0.081883827	0.434738129	0.136145646	-0.176713728	-0.639946898	4.61E-05	0.001235802
YGL02.4035.C1	6.731091038	1.153368622	0.300303574	0.240218604	0.11612443	-0.267478582	0.03481781	4.28E-06	0.000251145
YGL02_GNYA1SO04H7GLQ	11.9578082	1.153283207	0.714821944	0.460784195	-0.095240881	-0.654700001	-1.168314421	0.000120693	0.002416428
YGL02.4248.C2	5.68289692	1.153253238	0.531127359	0.424860107	0.065506816	-0.734449031	-0.911877895	9.46E-05	0.002044597
YGL02_GNYA1SO04JWRYN	7.650138494	1.153040115	-0.157167389	0.123167887	0.177293634	-0.163448253	-1.051527639	8.57E-06	0.000393194
YGL02_GNYA1SO04I7C4V	2.861312268	1.152882814	0.087673518	0.538941614	-0.072104145	-0.569846522	-0.233050219	0.003176832	0.024412104
YGL02_GNYA1SO04JIPGQ	6.109066009	1.15267403	-1.332174929	-0.580831427	0.513652463	0.244807261	-0.828867825	0.000340006	0.004994898
YGL02_GNYA1SO04I75D0	12.34579429	1.152109617	0.7639013	0.591171977	-0.102388175	-0.635861646	-1.243327521	3.21E-05	0.000964804
YGL02.9376.C1	7.048223929	1.151949055	-0.362816137	0.284711914	0.224446546	0.026162873	-0.650411967	4.06E-05	0.001132577
YGL02.5239.C1	8.018309655	1.151820694	-0.130592092	-0.247082447	-0.190579185	-0.149531007	-0.476604909	1.64E-06	0.000137445
YGL02_GNYA1SO04H4B8Z	9.375953343	1.151588815	0.138292364	0.702642513	0.297363279	-0.363660482	-0.621267076	6.69E-06	0.000335085
YGL02.15780.C1	5.898101641	1.151490963	0.09468775	0.283817568	0.179107892	-0.616560162	-0.742634052	8.22E-05	0.00185091
YGL02_GNYA1SO04JO95Y	5.531050966	1.1505781	-0.010096054	0.731618048	0.550830436	-0.304932041	-1.347488343	0.000407945	0.005668854
YGL02.6891.C1	8.651505471	1.150447168	-0.895147398	0.850630934	-0.538503826	-0.735668903	-0.327214826	0.000967338	0.010472179
YGL02_GNYA1SO04I6SBQ	4.570459761	1.150358368	0.478814064	1.791483062	-0.0705033	-0.131799765	-1.346687339	0.000845636	0.009521673
YGL02.23280.C1	6.400849445	1.150330237	0.32256959	0.549917639	0.364895409	-0.214794169	-0.259525856	7.36E-09	7.09E-06
YGL02.19524.C1	5.82956801	1.150178701	0.402663757	1.096226012	-0.077332092	-0.373357902	-1.148816323	0.001309988	0.012971449
YGL02_GNYA1SO04IKO0Z	5.778113136	1.150101539	0.368605673	1.166702598	-0.286326225	-0.087999782	-1.424022101	0.005398184	0.03582866
YGL02.12854.C1	4.31049319	1.149937884	-1.625835207	-0.822565231	0.398629818	0.757237849	-0.587203851	0.000290224	0.004469427
YGL02_GNYA1SO04IEWRK	4.666200629	1.149679926	-0.519244361	0.453111225	0.427179229	0.033746778	-0.971241494	0.000228894	0.003772591
YGL02_GNYA1SO04JHCVE	12.269023	1.148621381	0.632663606	0.450617439	-0.005843553	-0.569263497	-1.180959493	0.000189468	0.003303127
YGL02_GNYA1SO04JMDCN	6.611474085	1.148601295	-0.50321489	0.182172528	-0.107268395	0.147586144	-1.385523972	0.000994255	0.010664615
YGL02.16916.C2	6.442506269	1.148586294	0.427517354	0.076841789	-0.058241025	0.147175922	-1.665207522	0.000311349	0.004702458
YGL02.13508.C1	3.395472705	1.148577515	0.393166713	0.786401111	-0.537879196	-0.699568028	-1.417495024	0.007243685	0.044240977
YGL02.13834.C1	4.926603493	1.148573029	0.203008699	0.496958941	0.157575341	-0.416316332	-0.329932194	3.10E-05	0.000940469
YGL02.7801.C1	8.3238319	1.14848258	-0.14501652	0.458217131	0.013920185	-0.078935722	-1.03255181	4.55E-05	0.001224709
YGL02_GNYA1SO04H8UFT	3.484971456	1.148442779	-0.572301604	-0.519512074	0.296626371	0.080487541	0.297305687	0.000239942	0.003901554
YGL02.14064.C2	4.045643062	1.148314377	0.620349731	1.167030083	-0.297107901	-0.402984224	-0.774082429	0.000458824	0.006148736
YGL02.18563.C1	4.791812129	1.148149706	0.619159505	1.168679317	0.253602191	-0.042611201	-0.721286318	5.09E-06	0.000281135
YGL02_GNYA1SO04JN2MR	6.914929103	1.148116768	-0.139956202	0.342501128	-0.222621523	0.031849925	-0.667198542	1.08E-06	0.000105915
YGL02_GNYA1SO04ITPGR	8.097009732	1.147757923	-0.076070067	0.492673124	0.061580234	-0.240227427	-0.82371154	3.71E-05	0.001067226
YGL02.12002.C2	5.72587131	1.147276149	0.690963099	1.007511045	-0.169782282	-0.563989861	-0.804786087	2.23E-06	0.000166131
YGL02.8746.C1	12.5745759	1.147219163	0.480552668	0.929631626	-0.163681739	-0.194991554	-0.825546436	1.70E-07	3.33E-05
YGL02.11043.C1	4.0733366	1.14711835	0.630799716	1.294643948	-0.188481202	0.150232177	-1.150887397	2.02E-05	0.000700021
YGL02_GNYA1SO04IACEC	3.94551138	1.147042577	0.771111727	1.209777906	0.101823118	-0.793258042	-1.217999603	0.000332951	0.004924464
YGL02_GNYA1SO04IZQ8E	5.477188219	1.147006179	0.454290624	0.604074389	0.28158654	-0.269613088	-0.520301383	0.000107012	0.002224018
YGL02_GNYA1SO04IS4SE	9.840055608	1.146490942	0.325723469	0.51931559	0.034746558	-0.415267067	-0.964584708	5.58E-07	6.91E-05
YGL02.21208.C1	3.937854011	1.146306603	-0.139162743	0.856784981	-0.019138974	0.434352999	-0.770237835	0.001166385	0.011947814
YGL02.22850.C1	5.625626098	1.146214979	-0.105095641	0.396172724	-0.404323187	-0.033356003	-0.610591507	0.000696575	0.008281757
YGL02.4426.C1	6.691727022	1.145807527	0.012026222	-0.631544178	0.105394664	0.036613387	-0.026473806	6.09E-06	0.000314714
YGL02_GNYA1SO04I5G2M	5.38712731	1.145741754	-0.150418095	0.146686606	-0.030207637	-0.077029759	-0.255170103	0.000437444	0.005938323
YGL02.5621.C1	3.460406613	1.145498271	0.672787988	-0.347745487	0.364722307	-0.942711491	0.04094484	0.001777685	0.016152566
YGL02_GNYA1SO04JQUCN	7.043826495	1.145415586	-0.318154337	0.731427247	0.065302884	-0.274483305	-1.089686354	2.64E-05	0.000840786
YGL02.19978.C1	4.244105625	1.14538285	-0.794021988	-0.091956329	0.535838709	0.54403051	0.059033953	0.006449593	0.040689301
YGL02_GNYA1SO04IN8NC	5.751724813	1.144226225	0.19334282	1.609953971	-0.095647206	-0.186182334	-0.987939182	0.000356324	0.00515797
YGL02.23232.C1	4.338872073	1.143545249	-0.110117276	0.582066052	0.019623799	-0.430246332	-0.992381243	4.24E-06	0.000249961
YGL02.14144.C1	4.851147247	1.143056777	0.825581575	1.19993845	-0.302829006	-0.734044829	-1.282107037	0.000216975	0.003635375
YGL02_GNYA1SO04JO4F0	5.691637678	1.143009945	0.480135729	1.695553743	0.741550998	-0.472391045	-1.258730766	0.000111137	0.002284449
YGL02.13811.C1	8.09114208	1.142418165	0.254797206	0.232041015	0.126448987	-0.191957698	-0.642144702	3.48E-07	5.16E-05
YGL02_GNYA1SO04IWLEI	9.626626515	1.142389557	0.060616417	0.281320206	0.033609625	-0.146151354	-0.382514419	7.07E-08	2.12E-05
YGL02_GNYA1SO04JVE9L	7.353226465	1.142363605	0.349363467	0.655166066	-0.138272579	0.085349931	-0.635961205	0.000837025	0.009454492
YGL02.11583.C1	5.905930694	1.142276211	0.25599212	0.212929247	0.331440259	-0.380662097	-0.321487516	5.07E-05	0.001315624
YGL02.6883.C1	3.294655272	1.142046807	0.158181417	0.293169263	-0.314714076	-0.13922572	-1.284993449	0.002108682	0.018198579
YGL02_GNYA1SO04IFNIO	4.963360835	1.142017551	-0.5977407	0.072141033	0.063740806	-0.041869775	-0.068351311	0.007553714	0.045610739

YGL02.4755.C2	5.455837069	1.141949435	0.334196332	1.482299147	0.327911273	0.075146246	-0.799651359	4.48E-06	0.000258421
YGL02.14191.C1	3.01233847	1.141779879	0.118490953	0.371389894	-0.108600754	-0.506690403	-1.132808656	0.000818089	0.009306111
YGL02_GNYA1SO04I0FOE	4.466177363	1.141423819	0.190350862	1.481445062	0.828046779	0.347089248	-1.600657175	0.000213629	0.003593731
YGL02.19122.C1	5.427445765	1.141145097	0.324893325	0.288860627	0.078767531	-0.195378507	-0.652430373	0.001288725	0.012820702
YGL02.12082.C1	2.811327044	1.141022037	-0.031289917	0.057841953	0.193846619	0.63037028	1.152361716	0.000565354	0.007133596
YGL02.7464.C1	5.436796366	1.140993432	0.080246198	0.569722173	-0.088805493	-0.033776452	-0.662920656	0.00183048	0.016491105
YGL02_GNYA1SO04JPWGI	7.610121197	1.14096434	0.807919656	0.691910926	-0.449898294	-0.03740324	-0.557321383	0.000191606	0.00332786
YGL02.12975.C1	6.326212294	1.140940487	0.000570233	0.10261379	0.184966585	-0.176244958	-0.450531318	1.85E-05	0.000656111
YGL02.1092.C1	7.796626467	1.140810539	-0.053281017	0.37728642	0.116898727	0.0845181	-0.390146368	3.24E-08	1.43E-05
YGL02_GNYA1SO04IEW4Y	7.515666149	1.140413249	0.108985457	0.7863366	0.055965666	-0.131431034	-1.047011227	2.19E-06	0.000164881
YGL02_GNYA1SO04JDHTF	9.858302313	1.140275041	-0.099314602	0.275180858	0.072687305	-0.256031148	-0.648939304	5.69E-05	0.001423949
YGL02.9537.C1	6.095935866	1.139880059	0.787291998	1.742102236	0.08615799	-0.400872594	-1.663183955	2.25E-05	0.000753906
YGL02.9610.C1	7.421856999	1.139781385	-0.211957829	0.196695474	0.002726535	-0.523379538	-0.795125935	2.11E-05	0.000721522
YGL02.20973.C1	5.265178149	1.139772964	-0.116366307	0.413410224	-0.126647194	-0.177065143	-0.845658626	0.000403862	0.005631421
YGL02.12138.C1	4.416131197	1.139763034	-0.2887373	0.646787967	-0.385944133	-0.808316097	-1.339751622	0.00693602	0.042801977
YGL02.7822.C1	6.569109977	1.139527583	0.010229974	0.922588902	-0.025359632	-0.217818494	-0.932246123	5.05E-06	0.000279362
YGL02.9151.C1	5.96677141	1.139272868	-0.082779008	0.31113886	-0.272546252	-0.096460608	-0.079782081	1.65E-05	0.000607161
YGL02.3906.C1	4.167050481	1.139171176	0.737234113	1.0298335	0.397194533	-1.109909766	-0.893615208	0.006473817	0.040785461
YGL02_GNYA1SO04IHZH6	5.955497323	1.138927968	0.182060557	0.563016942	0.464540949	-0.258549335	-1.528417417	7.07E-05	0.00165957
YGL02_GNYA1SO04IJQ06	5.699298246	1.138894551	0.887113416	1.374936273	-0.245284208	-0.593712342	-1.106419348	2.66E-05	0.000843906
YGL02.19912.C1	6.906959305	1.138792518	-0.28033486	-0.27041653	-0.100454004	-0.180120521	-0.726438578	8.98E-06	0.000405125
YGL02.14053.C1	7.721093821	1.138721995	0.043713252	0.578985587	-0.370278197	-0.341280056	-0.915973076	6.58E-06	0.000331327
YGL02_GNYA1SO04JJUD4	7.966588921	1.138700684	-0.143632003	0.948767705	0.1958274	-0.043355469	-0.390759115	7.98E-06	0.000375547
YGL02.19840.C1	8.190807537	1.13868536	0.254317308	0.550145694	0.105180591	-0.233215084	-0.535640469	1.24E-06	0.000116203
YGL02.15166.C1	6.681804112	1.138565195	0.331159914	0.906816167	-0.148738015	-0.254307524	-0.690869513	8.91E-07	9.39E-05
YGL02.4993.C1	8.917412075	1.138489923	-0.092256698	0.684409266	0.043987431	-0.159541184	-0.711823282	3.12E-08	1.43E-05
YGL02.11399.C1	6.492259606	1.137828307	0.44057492	0.606758459	-0.184119058	-0.48469722	-0.770899766	7.97E-05	0.00180761
YGL02.16740.C1	6.490979988	1.137368718	0.355368717	0.768205562	0.199129775	-0.387128156	-1.299755136	8.60E-06	0.000394282
YGL02.14493.C1	4.43449411	1.137208706	-1.303221793	-1.650952917	0.063311502	0.002603174	0.192777944	0.000145884	0.002755091
YGL02.10530.C1	5.560288524	1.136980806	1.037949406	1.323694356	0.110634809	-0.816475198	-0.87216873	5.72E-08	1.98E-05
YGL02.8945.C3	6.576551041	1.136881247	0.600985015	0.371012423	0.042886172	-0.677540551	-0.847588651	0.00185469	0.016642065
YGL02.6642.C2	5.78751878	1.136792173	0.599042012	0.50389265	-0.41178316	-0.76824369	-0.897368566	0.000384078	0.005435179
YGL02.17599.C1	3.225938398	1.136679472	0.012375833	0.188249892	-7.67E-05	-0.047602293	-0.595768017	0.003375756	0.025491457
YGL02.20370.C1	5.734019447	1.136570583	0.390515842	0.221730155	-0.001195054	-0.280117717	-0.389484109	0.00187125	0.016742878
YGL02.5389.C2	8.26269662	1.136459939	-0.472306288	0.416145609	-0.117883538	-0.000325897	-1.003824694	9.01E-08	2.43E-05
YGL02.5345.C1	6.893962157	1.136353661	0.283868937	0.569343434	0.397117907	-0.501598537	-1.005383756	2.88E-08	1.39E-05
YGL02_GNYA1SO04IVV5U	3.421103106	1.136347375	1.103641252	1.000437182	0.556474075	-1.027269028	-0.356564418	0.002388594	0.019919993
YGL02.13820.C1	7.475391933	1.135787727	0.198586174	0.075983241	0.221746935	-0.283107386	-0.408425633	3.29E-07	4.98E-05
YGL02_GNYA1SO04JFZMQ	5.41088484	1.135701028	-0.270356135	-0.07463821	0.498657664	-0.703569104	-0.71740753	0.008281248	0.048648321
YGL02.7503.C1	7.091800598	1.135168858	0.123391696	1.178434543	-0.220076766	-0.128176398	-0.586006071	1.34E-06	0.000120498
YGL02.1625.C1	4.861737767	1.134448218	-1.046203046	0.285356506	0.273216409	0.55746648	-0.750876199	0.000109306	0.002259004
YGL02.2588.C3	7.219116465	1.134415071	-0.014398886	0.347711974	0.202766232	-0.042572654	-0.273841576	5.40E-07	6.78E-05
YGL02_GNYA1SO04IHU2C	6.383735876	1.134381039	-0.209378019	0.897578215	0.236557914	-0.075368321	-0.592815402	1.83E-06	0.00014785
YGL02_GNYA1SO04JFJTB	5.023466602	1.133793256	0.448082116	1.016643096	-0.093258176	-0.641705574	-1.478244483	0.000395524	0.005552255
YGL02.9829.C1	4.7776022	1.13358533	-0.2271425	0.931015107	0.591640269	0.043167644	-1.487152912	1.04E-05	0.000444588
YGL02.13575.C1	5.983680111	1.133398392	-0.356477261	-0.056111618	0.244269598	-0.104634528	-0.77027402	3.93E-05	0.001109164
YGL02.615.C1	8.387485378	1.133360553	0.226253905	0.498735942	-0.206638664	-0.159281683	-0.429704808	4.38E-09	5.98E-06
YGL02.13779.C1	3.223314847	1.132836956	-0.156279101	0.321532533	-0.33721825	0.160585307	0.252857841	0.000434885	0.005916859
YGL02.2625.C4	9.513330896	1.132814	0.169805009	-0.063233571	0.02044187	-0.058774192	0.011595659	9.98E-05	0.002122384
YGL02.18109.C1	4.617937054	1.132533743	0.311431568	0.924908684	-0.090524448	-0.411997175	-1.512532218	0.000994953	0.010670325
YGL02.19308.C1	5.904655933	1.132519512	-0.408375298	0.438936421	-0.028672544	0.322314362	-1.144879929	0.007246296	0.044252673
YGL02.8138.C1	7.667876199	1.132441857	-0.319496977	-0.149562452	0.154215835	-0.118478089	-0.182410471	1.93E-05	0.000677713
YGL02_GNYA1SO04JNOVX	3.756311623	1.13236109	0.477549596	0.795013149	0.100117267	0.103476447	-0.733727818	0.000791045	0.009080628
YGL02.14410.C1	5.545050289	1.13217223	0.05488194	0.201528889	-0.178297637	-0.40196668	-0.539368739	1.93E-05	0.000678014
YGL02.663.C1	6.476526202	1.132064577	0.351097394	0.27191294	-0.119749183	-0.487647347	-0.412554662	1.64E-06	0.000137608
YGL02.9284.C1	5.264231005	1.131023416	0.274942723	-0.07085117	-0.00069115	-0.183510909	-0.461058776	3.19E-05	0.000960826
YGL02.10075.C1	6.264691841	1.130874952	-0.952005666	-0.83064406	-0.042228101	0.129928415	-1.105722052	0.002447153	0.020260917
YGL02_GNYA1SO04ILRMR	4.014653113	1.130860424	1.010338194	0.570608236	-0.286283104	-0.596304674	-0.122885204	0.005858009	0.038004075
YGL02_GNYA1SO04ID4O2	3.989718917	1.130832987	1.346919647	1.355071953	-0.350676296	-0.87844151	-0.872931051	0.002579644	0.021033
YGL02_GNYA1SO04IFVYM	6.02106746	1.130700071	-1.206046941	0.193502493	-0.008098685	0.316047915	-0.665388869	0.000703093	0.008339343
YGL02_GNYA1SO04H90VX	8.337857749	1.13068989	0.180784562	0.597801634	-0.513106553	-0.016934243	-1.053552344	0.00172094	0.015783246
YGL02.14348.C1	4.14383843	1.130166374	0.555944209	0.557808821	0.51688477	-0.175012202	-0.395276005	0.001245238	0.012512013
YGL02.4594.C1	5.875852124	1.130111863	1.226503446	1.109149419	-0.290932373	-1.030864585	-1.190271824	0.000675708	0.008105107
YGL02_GNYA1SO04IN0EV	5.247248215	1.130101139	0.341840167	1.140258905	-0.607128844	-1.15455962	-1.471354892	0.003075986	0.023861044
YGL02.18523.C1	3.810185696	1.130044636	-0.538831785	0.319197389	0.114836085	-0.140742303	-0.849556616	0.004969013	0.033748167
YGL02.9089.C1	5.234598168	1.129810705	-0.203686377	0.413268967	-0.281014559	0.320175366	-0.508746825	0.001079205	0.011304461
YGL02.21432.C1	4.640292728	1.129634523	-0.046012782	0.660374713	-0.196584959	-1.088439008	-0.449034846	0.006024422	0.038784463
YGL02.544.C2	10.2323221	1.129585027	0.010132931	-0.130306044	-0.03584968	-0.31421358	-0.519416988	1.75E-07	3.39E-05
YGL02.20119.C1	3.144937339	1.129389385	-0.146459035	0.11105778	0.088404752	-0.357053854	-1.162877268	0.000356718	0.005161944
YGL02.20082.C1	5.713221707	1.128942201	-0.032200875	0.479390794	0.070228767	-0.315507231	-0.632077626	0.000772225	0.00892631
YGL02_GNYA1SO04I17QZ	4.831743679	1.12858391	0.088200259	-0.122357101	0.02289993	-0.24472551	0.162185139	0.001134271	0.011709631
YGL02.6188.C1	6.922996168	1.12837812	-0.156244904	0.496468101	0.004490922	-0.258205408	-0.720080532	1.43E-05	0.000548808
YGL02_GNYA1SO04JGFS8	9.990664454	1.12824805	0.697850566	0.950505753	0.07046853	-0.183795676	-1.034197628	1.37E-07	2.96E-05
YGL02.22817.C1	3.952465801	1.128229788	-0.164171209	-0.088729559	-0.611885404	-0.114934746	-0.946470162	0.001699289	0.015644373
YGL02_GNYA1SO04ITT41	7.44184094	1.128103746	0.51218322	1.079746485	-0.226286176	-0.368752037	-0.731720785	8.65E-07	9.25E-05
YGL02.757.C2	6.53936147	1.127465292	0.66601758	0.662168812	0.092579374	-0.314026979	-0.684539121	2.61E-05	0.000833261
YGL02_GNYA1SO04IR70N	3.287606458	1.127357475	-0.170685329	-0.249665397	-0.316634355	-0.442169098	-0.582251254	0.002177251	0.018636766
YGL02.1714.C1	4.874167906	1.127100622	0.599633646	0.880128853	0.109640985	-0.47744782	-0.774534814	4.75E-05	0.001260461
YGL02.13762.C1	4.975966357	1.126603086	-0.061730899	0.667675859	-0.265658244	-0.480811636	-1.172037375	4.69E-06	0.000266153
YGL02.11027.C1	7.43735309	1.126597742	0.097782829	0.257033929	-0.238747557	-0.00672914	-0.089363512	2.25E-07	3.94E-05
YGL02_GNYA1SO04IDDVH	6.282114567	1.126123847	0.222467342	0.211319018	-0.24971772	-0.282596033	-0.71055852	0.001602178	0.014989063
YGL02.14388.C1	5.799032937	1.126116158	0.010088855	0.090668702	-0.104697501	-0.301952036	-0.588592253	0.000168275	0.003037959
YGL02_GNYA1SO04IFD8U	6.265667359	1.126044101	0.858988017	0.985029283	-0.113406178	-0.795036832	-0.672991222	0.000105985	0.002207263
YGL02_GNYA1SO04IQOG7	6.288823756	1.125735972	0.819753504	0.752219302	-0.13595229	-0.814453291	-0.681809216	2.57E-06	0.000181893
YGL02.11482.C1	5.739937986	1.125548336	0.03668813	0.46807411	-0.026872473	-0.186763882	-0.784701106	1.07E-05	0.000453374
YGL02_GNYA1SO04JKPKU	4.235196901	1.125532601	0.850421718	1.29912283	0.338668683	-1.040863077	-1.251881664	0.004255033	0.030106951
YGL02_GNYA1SO04IK6Y4	2.674157565	1.125268945	0.882835684	0.134757568	0.42799392	-1.29248527	-1.024571969	0.005246047	0.035115873
YGL02.15370.C1	8.042796007	1.124972696	-0.056448584	0.49649721	-0.021215662	-0.027605059	-0.874188266	8.55E-06	0.000392715
YGL02.20527.C1	5.620736803	1.124905857	0.412657308	0.412044015	-0.293697936	-0.648525093	-0.362291089	8.04E-07	8.81E-05
YGL02.23418.C1	3.729449707	1.124545091	0.639347501	0.624691306	0.336132107	-0.121416913	-0.703164099	0.002832812	0.022516752

YGL02_GNYA1SO04JVQ2O	7.35028483	1.124462418	-0.637439405	-1.331716931	0.044116151	-0.174661527	-0.968675662	4.61E-05	0.001234656
YGL02_GNYA1SO04JMTME	6.413004798	1.124397952	0.521949891	0.426508329	0.510433002	-0.101249391	-0.439945436	1.17E-06	0.000112359
YGL02_GNYA1SO04JSADS	6.404890072	1.124354942	0.210630688	0.704762169	0.699588884	-0.290350234	-0.80512731	6.36E-07	7.55E-05
YGL02.9886.C1	7.462614381	1.124285549	-0.061479826	0.490597944	0.093297274	-0.218953583	-1.455195606	3.13E-07	4.86E-05
YGL02.1679.C1	5.692719746	1.123684657	0.192774912	1.140170495	-0.02871191	-0.119125588	-0.955951905	1.20E-05	0.000486266
YGL02_GNYA1SO04IA8TP	4.759629136	1.123682639	0.238733257	0.987342721	0.312507501	-0.273458683	-1.234256403	0.001136809	0.011730219
YGL02_GNYA1SO04JEU6E	6.285637839	1.123486851	0.328382722	1.608603244	-0.227772866	-0.382779454	-1.313808885	1.46E-06	0.000127907
YGL02_GNYA1SO04IKPUO	4.886215056	1.123368854	0.468245138	0.753044	-0.242543799	-0.21910377	-1.090940234	0.003880592	0.028154418
YGL02_GNYA1SO04H6L3L	4.280422999	1.123316376	0.389297141	1.09540686	0.051760137	-0.464381891	-1.047972202	0.005433116	0.035997785
YGL02_GNYA1SO04H7HH5	5.582528984	1.12313062	-0.130913376	-0.148586915	0.419829018	-0.011204356	-0.201522448	0.000178185	0.003157016
YGL02_GNYA1SO04JQS73	3.138071593	1.123074852	-0.38418906	0.005640762	0.196729442	-0.070908064	-1.391661242	0.003390244	0.025559365
YGL02.1337.C1	10.01630876	1.122846226	-0.007408217	0.359671245	-0.022764851	-0.11895268	-0.527179417	2.52E-06	0.000179641
YGL02_GNYA1SO04JICDY	6.037637552	1.122708991	0.574104491	1.076791489	-0.156444888	-0.429843905	-1.436547453	0.001869299	0.016731418
YGL02.22189.C1	7.267504717	1.122630561	0.047431325	0.240862645	-0.549383574	-0.280953519	-0.686870619	2.73E-05	0.000859425
YGL02.7872.C2	7.761852871	1.122588308	0.418409606	1.060435215	0.356675291	-0.513409992	-0.792213768	1.15E-07	2.74E-05
YGL02.2625.C1	10.18788081	1.122585276	0.128849212	-0.08938731	0.192382927	-0.059680504	0.065845484	7.55E-05	0.001738639
YGL02_GNYA1SO04JJ80H	5.077338075	1.122572415	0.54796815	0.461555561	-0.021574547	-0.809396806	-0.99243834	0.002419044	0.020094998
YGL02_GNYA1SO04IH1AV	5.466911142	1.122436651	0.361006235	0.129175188	-0.040869483	-0.238049933	-0.441003672	0.00126479	0.012648665
YGL02_GNYA1SO04JQPIM	6.361985192	1.122252695	0.236978469	0.768573055	-0.377753082	-0.303614542	-0.82706087	4.71E-05	0.001252194
YGL02_GNYA1SO04JBZCE	3.062609752	1.122152493	1.396673576	1.425364685	0.246797711	-0.607040578	-0.830088924	0.000746886	0.008719805
YGL02.19021.C1	7.773303234	1.121755654	0.350149007	0.489887135	-0.309549728	-0.28160628	-0.678828289	8.30E-07	8.99E-05
YGL02.15334.C1	3.958641232	1.121429019	-0.254492942	1.611684883	0.332807933	0.091110063	-1.520491739	1.18E-05	0.000482589
YGL02.5564.C1	6.035954754	1.120885875	0.048134179	0.225879675	-0.003400402	-0.166096429	-0.595685366	1.93E-05	0.000676616
YGL02_GNYA1SO04I2YUQ	5.993736114	1.120366259	0.285423364	-0.083907425	0.073034914	-0.207155822	0.166475708	0.001691137	0.015584872
YGL02.2251.C1	11.19208928	1.120157666	-0.423818881	-0.149158544	0.017748587	-0.203144511	-0.656657639	1.20E-05	0.000486383
YGL02.20171.C1	6.717503657	1.120104165	0.231995116	0.793748565	-0.041339606	-0.229008051	-0.813679037	3.07E-08	1.43E-05
YGL02.3822.C1	6.854432241	1.120102521	0.00022426	0.406670933	-0.239529946	-0.148378297	-0.464491243	2.83E-09	4.95E-06
YGL02.20098.C1	5.871207388	1.119946285	-0.322525639	0.912062356	0.038043976	-0.019324616	-0.971183278	0.00018389	0.003228929
YGL02.18304.C1	7.567912585	1.11946651	0.285569764	0.867459838	-0.126257811	-0.195595597	-0.811358273	0.000619672	0.007613488
YGL02.11473.C2	8.784828545	1.118451674	0.561682342	0.657717603	0.358700306	-0.295427377	-0.862902771	1.26E-08	9.10E-06
YGL02_GNYA1SO04I9WP0	6.875981649	1.118307983	0.445138885	0.844974837	-0.076682825	-0.365357167	-1.126189842	0.000114751	0.002331342
YGL02.19519.C1	2.941046648	1.118021762	0.155650535	0.162124684	0.066221785	-1.301678755	-1.101705532	2.00E-06	0.000155694
YGL02_GNYA1SO04I0I69	7.649786671	1.1179564	-0.370074885	0.390140558	-0.188226059	0.20403136	-1.199704351	6.85E-05	0.001621402
YGL02.10288.C1	4.611731686	1.117729642	0.309549767	1.437791401	0.561463822	0.139954683	-1.002777254	0.00545044	0.036077495
YGL02.14687.C2	8.650415486	1.117576036	-0.057782165	0.153992449	0.282172843	-0.12385171	-0.809568196	3.61E-07	5.27E-05
YGL02.13689.C1	5.590065905	1.117319075	0.339336462	0.197545007	-0.137653183	-0.396413232	-0.347354857	0.000203155	0.003467535
YGL02.18480.C1	12.17980983	1.1171497	-0.074464956	0.204576042	0.138692293	-0.194849449	-0.641719878	2.24E-05	0.000750829
YGL02_GNYA1SO04JYU1L	9.968032276	1.11711999	0.397418624	0.599606579	0.148057123	-0.419958945	-0.993724219	2.12E-06	0.000161528
YGL02.14980.C1	3.935241512	1.117104895	1.007491797	1.299549098	-0.248130647	-1.030690505	-0.820081227	0.002801852	0.022344731
YGL02_GNYA1SO04JT8D4	7.472201876	1.116987045	-1.420346285	0.254429002	0.489367093	0.137113489	-1.735399107	0.000415419	0.005743124
YGL02.13141.C1	5.936542254	1.116784994	0.90092029	1.262675471	0.148891552	-0.46340878	-0.610252678	2.43E-05	0.000792017
YGL02_GNYA1SO04I1ENR	7.50736752	1.116766754	0.098372619	0.29803873	0.047159385	-0.166203474	-0.33912282	2.48E-05	0.00080368
YGL02.16641.C1	8.085379146	1.116755342	-0.146570849	0.329244164	0.093064229	-0.178122904	-0.484094355	1.03E-06	0.00010271
YGL02.6048.C2	3.891957855	1.116747521	0.538210267	1.584873057	-0.206388631	-0.921451239	-1.522284334	0.001979977	0.017436426
YGL02_GNYA1SO04JVXXT	7.815504256	1.116543939	0.312534794	0.606096578	-0.067530844	-0.473539027	-0.840719288	1.77E-07	3.42E-05
YGL02.13583.C1	5.540475161	1.116011175	0.016195699	0.031339451	0.024959057	0.04281652	-0.02677199	0.000133343	0.002590398
YGL02_GNYA1SO04I25EA	5.362972984	1.115270876	-0.107374161	0.197404549	-0.22177924	-0.277981329	-1.45111487	0.002193854	0.018738452
YGL02.16717.C1	6.792552786	1.1152081	0.054136909	0.269115297	0.094597867	-0.095369578	-0.306264607	4.22E-07	5.81E-05
YGL02.9165.C1	7.236141731	1.114580813	-0.150850522	1.182491598	-0.059427868	-0.164012073	-1.231643327	3.26E-05	0.000976753
YGL02.17563.C1	5.739621366	1.114580744	0.386725401	0.943554947	0.323433879	-0.479326615	-0.863637325	8.48E-07	9.15E-05
YGL02.17301.C1	3.527457604	1.114562193	-0.071592568	-0.4426842	0.276983615	-0.501822025	0.103211485	0.005506328	0.036345249
YGL02.10657.C1	4.63717718	1.114415124	0.259083532	0.675698413	0.089375465	-0.334396063	-1.003175219	0.000191519	0.003326795
YGL02_GNYA1SO04H2OI5	12.44186941	1.114238006	0.655090492	0.429945859	0.03970272	-0.5680205	-1.118623934	3.97E-05	0.001114356
YGL02.5389.C1	8.108685395	1.114160372	-0.439311957	0.475867767	0.026734089	-0.104521114	-0.927519125	3.19E-07	4.92E-05
YGL02_GNYA1SO04I4ZKK	9.049109067	1.114129212	0.035977548	0.806041895	0.250907567	0.161209709	-1.157330465	3.94E-05	0.001110753
YGL02_GNYA1SO04H9IBM	5.762347478	1.113680792	-0.545361443	0.293008	-0.139419219	-0.416299613	-0.383663825	0.00233145	0.019570732
YGL02.15814.C1	4.303577236	1.113380498	0.429673771	0.793358577	-0.272853747	-0.449845905	-1.009700535	0.002424217	0.020125828
YGL02.8057.C1	4.474069002	1.113372425	0.6096443	0.714418032	-0.577199533	-0.669868473	-0.021639903	0.000592405	0.007369377
YGL02_GNYA1SO04IMKKY	4.552974048	1.113370796	0.157424798	0.535658809	0.005461565	-0.348615295	-0.904284285	0.004096155	0.029306253
YGL02_GNYA1SO04JL0PP	6.726232707	1.112906674	0.129921563	0.59927204	-0.252987313	-0.297774096	-0.724771034	0.000197759	0.003403682
YGL02_GNYA1SO04H4WR5	5.42153594	1.112599884	0.21054618	1.554541106	-0.449696669	-0.159506617	-1.198193714	0.002127149	0.018306719
YGL02.19771.C1	6.014710809	1.111311063	-0.62893844	-0.240764415	0.140943233	0.052059549	-0.457642879	0.000989604	0.010634105
YGL02_GNYA1SO04IQ63J	10.9780378	1.111010401	0.070400093	0.544044459	0.343253654	-0.172972778	-0.644746457	2.20E-05	0.000740658
YGL02_GNYA1SO04INU9Q	5.22986455	1.110748666	-0.602719472	0.858264304	-0.012290067	0.718428891	-0.796773593	0.002177876	0.018636766
YGL02.17786.C1	6.893412171	1.110647467	0.461889416	1.10806092	-0.207054098	-0.65147769	-1.116127405	1.55E-05	0.000580813
YGL02_GNYA1SO04J0JP1	10.48041196	1.110572164	0.366924699	0.341811604	0.089181653	-0.362064733	-0.543752574	4.65E-07	6.15E-05
YGL02.21339.C1	5.323178417	1.110478209	0.677642947	0.808632366	0.087128594	-0.625258215	-1.104213551	0.000526089	0.006766048
YGL02_GNYA1SO04H4A97	7.231636791	1.110440007	-0.092985443	0.252613398	-0.035379057	0.05294575	-0.865857047	0.000150013	0.00281012
YGL02_GNYA1SO04JFI7N	3.373985288	1.110435303	0.64280786	-0.143142451	-0.218959349	-1.332662439	-0.271607532	0.004032447	0.028976922
YGL02_GNYA1SO04I8OV3	7.480673779	1.110190785	-0.202551715	0.010122671	0.220394283	-0.00360019	-0.229431417	3.62E-06	0.000226518
YGL02.16621.C1	6.034537912	1.110000345	0.676818542	0.690333769	0.145313526	-0.58355248	-0.85049994	5.17E-06	0.000283702
YGL02.1555.C1	6.734373546	1.109775145	-0.592620856	0.153692103	0.210987754	0.19054111	-0.651113081	3.79E-06	0.000232577
YGL02.16018.C1	5.042874165	1.109534203	-0.037824367	0.672152206	0.202942888	-0.492794971	-0.839746165	7.85E-05	0.001790414
YGL02_GNYA1SO04JJN9X	8.52630435	1.109477549	0.129306824	0.303351954	-0.059075031	-0.277120944	-0.479169185	7.71E-06	0.000367426
YGL02_GNYA1SO04JMRLJ	5.695937151	1.10942662	-0.717590082	-0.150011612	0.081381055	-0.316986199	-0.973065541	0.004779737	0.03280035
YGL02.12438.C1	7.682259768	1.109173722	0.172145695	0.278880636	-0.141749694	-0.28207092	-0.640146133	1.10E-05	0.000461096
YGL02.2625.C2	10.2681539	1.108633157	0.073771845	-0.117958107	0.082884139	0.009045401	0.065449412	4.26E-05	0.001170672
YGL02.12738.C1	4.728344991	1.108099862	0.316036289	0.608934971	-0.346754356	-0.365466093	-0.224933497	0.000970329	0.010491712
YGL02.12573.C1	4.70156807	1.107974826	0.319656508	0.894438828	-0.40163185	-0.178717294	-0.887437171	0.008446318	0.049347157
YGL02.16216.C1	5.783873482	1.107812097	-0.40467333	0.427058989	-0.426267329	-0.404531396	-1.453867145	0.000982252	0.010581809
YGL02.12927.C1	6.460094024	1.107453373	0.241647603	0.561326239	0.147415004	-0.365258606	-0.530201104	9.39E-06	0.000417028
YGL02.12.C1	6.945465806	1.107435595	0.240765648	0.592969517	0.106838783	-0.201979678	-0.578220557	4.64E-06	0.000264101
YGL02_GNYA1SO04I5WTU	10.15183472	1.107219337	0.292816814	0.786284755	-0.188763767	-0.591501983	-1.595789882	2.17E-06	0.000163744
YGL02.3281.C1	6.089450975	1.107092919	0.293358469	0.350547122	0.141642899	-0.548352642	-0.360685316	0.001393987	0.013553437
YGL02_GNYA1SO04IOGHJ	5.409598551	1.106949472	1.573037086	2.026526223	-0.110760387	-0.589605549	-0.943187633	1.50E-05	0.000568622
YGL02_GNYA1SO04JEGX1	5.062522846	1.10678558	0.540249272	0.454290144	-0.568071717	-0.175999609	-0.85836925	0.008126782	0.048046042
YGL02.16902.C1	5.04573115	1.106528846	0.49138086	0.836624506	-0.009309631	-0.505557824	-1.147450222	0.000398037	0.005576037
YGL02.6087.C1	6.758264484	1.106413631	0.363145638	0.329762834	-0.426148975	-0.41025053	-0.873029507	7.81E-05	0.001784515
YGL02_GNYA1SO04JH61Q	5.894212561	1.106330123	0.325352243	1.156605605	-0.273380151	-0.146553751	-1.456692191	0.001359697	0.013316944
YGL02.14789.C1	5.972378164	1.10629755	0.445879867	0.678270753	0.00823557	-0.437751011	-0.779923913	1.68E-05	0.000613412

YGL02.15040.C1	5.152012107	1.105874837	-0.42892493	-0.335848069	0.06455361	-0.17001783	-0.247309755	3.73E-05	0.001071432
YGL02.19688.C1	5.380579581	1.105863252	-0.627626269	0.787578064	-0.148563319	0.519902696	-0.797123107	0.004333816	0.030508514
YGL02.23530.C1	5.031097266	1.105804271	-0.601282567	0.570408003	-0.010062575	-0.032408748	-0.601547481	0.000581669	0.007275637
YGL02.8831.C1	5.384961137	1.105365091	0.789835862	1.807017085	-0.148720695	-0.468738562	-1.036323509	1.97E-05	0.000687042
YGL02_GNYA1SO04H6MBU	7.246219403	1.104574751	0.420091764	0.742671348	-0.256226175	-0.327039861	-0.685962026	1.90E-07	3.55E-05
YGL02.18569.C1	8.12712494	1.104525806	0.126544133	0.646999135	-0.019419094	-0.350816941	-0.66665363	1.68E-08	1.04E-05
YGL02_GNYA1SO04JQOZP	6.82066513	1.104388572	0.484962674	0.893590143	-0.130176022	-0.543589314	-1.06040415	8.08E-06	0.000378504
YGL02.12517.C1	7.307039767	1.104246019	0.091051909	0.548610795	0.329587486	-0.097864223	-0.434956197	5.04E-07	6.47E-05
YGL02_GNYA1SO04JKJW2	7.118276135	1.103871329	0.211876968	0.169748747	-0.168644961	-0.262478417	-0.032330573	4.33E-06	0.000252759
YGL02.20633.C1	3.801952798	1.103512158	0.305755842	0.558222839	-0.259362187	-0.750185893	-1.190340939	0.006575139	0.041241213
YGL02.6692.C1	6.796464124	1.103335843	1.032838473	1.233831194	0.498562732	-0.553971036	-0.851311644	3.26E-05	0.000975236
YGL02_GNYA1SO04JAOG4	4.336300027	1.103161192	0.674237265	0.251050166	0.012417367	-0.455171369	-0.047060948	0.002244025	0.019041766
YGL02.3416.C1	5.427373454	1.10315333	-0.36697384	-0.329598905	-0.4238864	-0.075596191	-0.634040769	0.000353804	0.005130671
YGL02.3254.C1	5.394199036	1.103134715	0.623855337	0.793354487	0.238843234	-0.765110615	-1.083793697	0.000420829	0.005789483
YGL02.10424.C1	5.143479259	1.103055511	0.11521937	0.872599467	0.246551707	-0.320492105	-0.7502817	1.12E-05	0.000467478
YGL02.16357.C1	4.708331935	1.102994392	-1.192452934	0.354533721	0.018710132	0.23339242	-0.255670897	0.001603303	0.014996336
YGL02.754.C1	8.71939527	1.102652967	0.586540906	1.439659611	0.164694295	-0.199422042	-0.959516128	1.31E-06	0.00011971
YGL02.19197.C2	4.726069713	1.102291174	0.387494578	1.521825812	0.229226064	-0.30874427	-1.395463525	0.000145814	0.002754976
YGL02.22647.C1	3.036329537	1.102169155	0.088035314	0.165514891	0.106265669	-0.155872621	-0.43833546	0.000835867	0.009446256
YGL02_GNYA1SO04IFM1N	5.936769074	1.101684255	0.134116323	0.508406625	-0.151820302	-0.166873814	-0.880718004	0.000532459	0.00682778
YGL02_GNYA1SO04I7UZX	2.986170722	1.101649798	-0.137219469	-0.154825352	-0.084047984	0.549324932	-0.093822322	0.001381692	0.013476394
YGL02_GNYA1SO04IN02A	7.612131142	1.101156499	-0.175572944	0.320779946	-0.42141284	0.016393517	-1.237080929	0.000850107	0.009556996
YGL02.17142.C1	5.888891005	1.100812155	0.212350578	0.343538251	0.027950971	0.133098504	-0.244076143	0.000272178	0.00426919
YGL02.7811.C3	2.838114677	1.100720199	-0.132568863	-0.072323636	0.186124866	-0.504062879	-0.616307565	0.000297536	0.004548994
YGL02.3068.C2	4.959638164	1.100548452	0.025624199	0.258392588	0.127876178	-0.535977555	-0.678012548	0.000165989	0.003006321
YGL02.21798.C1	4.763079793	1.100467506	0.505588865	0.431249872	-0.311540999	-0.897835981	-0.746074641	4.24E-05	0.001165833
YGL02_GNYA1SO04IP6IB	5.339344675	1.100406349	0.860953124	0.640463776	-0.208755458	-1.129895639	-0.840354145	0.002724068	0.021903809
YGL02_GNYA1SO04IXDKH	6.788216156	1.099912002	0.512458366	0.447380885	-0.276391951	-0.453452438	-0.741109606	7.92E-06	0.000374262
YGL02.17062.C1	6.940640508	1.099658973	-0.319553771	1.164455379	-0.097957158	-0.130084942	-1.15808367	3.48E-07	5.16E-05
YGL02.19807.C1	3.65281839	1.099517392	0.614771726	0.360338134	-0.294998953	-0.810717677	-0.186986362	0.000533247	0.006834357
YGL02.6168.C1	5.652359194	1.099325972	0.62061987	1.025441648	0.028158763	-0.287657372	-0.718993499	0.000167089	0.003021168
YGL02.17918.C1	6.268103842	1.098048866	0.174621689	0.720413985	-0.41902159	-0.443866746	-0.982584778	0.000644513	0.007836909
YGL02.18549.C1	4.960276258	1.09791485	0.680569397	0.312525481	0.292383259	-0.938174441	-1.231646803	0.000838872	0.00946602
YGL02.2370.C1	9.746952835	1.097856277	0.336691347	0.662256326	0.088730441	-0.30934893	-0.876037542	2.57E-07	4.28E-05
YGL02.22131.C1	4.859163515	1.097614265	0.538755714	1.517783091	-0.151606999	-0.527440905	-1.080257191	0.00010865	0.002249758
YGL02_GNYA1SO04ISNJ7	6.272670569	1.097444504	-0.856781086	-0.041282005	-0.086589842	-0.109701164	-0.535416206	0.0006762	0.008110251
YGL02_GNYA1SO04ID132	12.03590286	1.097316368	0.704097017	0.456770547	0.009734089	-0.59959997	-1.094968075	0.000229972	0.003782914
YGL02_GNYA1SO04I26MJ	8.067608234	1.097286842	0.279982523	0.417570699	0.267646338	-0.378982579	-0.991977669	8.93E-08	2.42E-05
YGL02.22896.C1	6.601305911	1.097236628	0.493653846	0.249159014	0.126399009	-0.683536832	-0.340094951	0.002246564	0.019060812
YGL02.13523.C1	7.124665115	1.097208678	-0.411964197	0.072169252	-0.079176348	-0.046788698	-0.289477788	2.74E-06	0.000188464
YGL02.14286.C1	5.17673481	1.09712313	0.290174155	0.543525836	0.044316401	0.013840869	-0.715115452	0.001035829	0.010987799
YGL02.2229.C1	8.196293676	1.096938606	-1.029891432	-1.227973333	0.12072229	-0.241047468	-0.568602818	7.82E-07	8.64E-05
YGL02.17141.C1	4.175874731	1.096486869	0.617907035	0.460974544	0.516571778	-0.293581823	-1.274864262	0.000687866	0.008206849
YGL02.18895.C1	5.68589887	1.096293352	0.494955894	0.440890727	-0.123439063	-0.597348847	-0.27504213	0.000151269	0.002824663
YGL02.15019.C1	2.849056307	1.096083122	0.329618789	0.059394048	0.018327896	-0.51999799	-0.166721701	0.003959337	0.028570461
YGL02_GNYA1SO04JADBW	6.632492632	1.095972761	0.26469304	0.333273651	-0.321522897	-0.444385124	-0.448329886	8.28E-06	0.000385643
YGL02.11319.C1	8.463536776	1.095716165	-0.120730656	0.152153079	0.156065935	-0.309740692	-0.20932904	0.000104941	0.002192682
YGL02.23362.C1	5.256121943	1.095451537	0.20729693	0.350520866	0.092156925	0.004787585	-0.393424287	0.000433785	0.005905617
YGL02.969.C1	5.878457761	1.095340342	0.548410221	0.715201284	-0.223404749	-0.779898094	-0.688249801	1.19E-06	0.000113705
YGL02.8648.C1	6.791896175	1.095144391	0.426293671	0.715757729	-0.267242133	-0.187957874	-0.532319949	8.29E-08	2.33E-05
YGL02_GNYA1SO04I5M9W	8.456297067	1.095134159	0.141671575	0.748995671	-0.186197615	-0.538417265	-1.036401893	5.92E-05	0.001464157
YGL02.20340.C1	4.271913645	1.094661287	0.071203154	0.355357753	-0.537556385	-0.070050735	-0.33786373	0.005214626	0.034945286
YGL02.11862.C2	5.994790286	1.094488677	-2.787380143	0.008779586	-0.037832588	-0.081926205	-0.926412415	0.001410101	0.013673624
YGL02.1669.C20	8.129505034	1.09435108	0.158877848	1.189986661	-0.19516078	-0.462008432	-1.198541286	5.05E-07	6.48E-05
YGL02.3422.C1	2.959396102	1.094305215	-0.085270601	-0.17349184	0.258194444	-0.429663977	-0.334542362	0.001279753	0.012752996
YGL02_GNYA1SO04JYE9C	7.542873408	1.09406479	0.245800518	0.765772043	-0.058941986	-0.32560635	-0.65888887	0.000256882	0.004092215
YGL02.22820.C1	12.18399003	1.093688879	0.656833828	0.480213513	0.044261656	-0.566183648	-1.105720399	0.000311922	0.004708376
YGL02.6489.C1	9.199403074	1.093111651	0.069289261	0.519302025	0.18699257	-0.196652986	-0.543473316	4.73E-07	6.23E-05
YGL02_GNYA1SO04JX57I	8.868773778	1.092895566	-0.80392652	0.220615899	0.001144792	-0.320690741	-1.130026714	9.33E-06	0.000415221
YGL02.13311.C1	9.02104793	1.092685946	0.907504764	0.709991177	-0.401360717	-0.239260369	-1.049878164	0.001373341	0.013412116
YGL02_GNYA1SO04IBFUT	8.065107598	1.092685589	0.505517306	0.896920267	-0.271194125	-0.540859661	-0.8305328	2.75E-08	1.35E-05
YGL02.14289.C1	7.028442241	1.091847322	0.0355043	0.578908762	-0.151535047	-0.584233364	-1.027957669	0.000180902	0.00319204
YGL02.15144.C1	2.750313319	1.09175394	0.580745334	0.363519285	0.236361242	-1.045998338	-0.45251984	0.000234928	0.003842222
YGL02.15946.C1	6.328473975	1.091684679	-0.107410943	0.039405697	-0.069953716	0.237528903	-0.035154963	3.69E-05	0.001063095
YGL02_GNYA1SO04H2RA3	6.072819937	1.091357206	-0.247586729	0.019081704	0.134951833	-0.330422551	-0.38701187	3.35E-05	0.000992665
YGL02.12149.C1	7.142521268	1.09125998	-0.434753243	-0.085135634	-0.224209587	-0.324706813	-0.945219375	0.000206959	0.00350887
YGL02_GNYA1SO04IF55J	6.826335375	1.091133109	-0.63646188	0.775679211	-0.23571877	-0.022875287	-1.485897506	0.000944587	0.010302531
YGL02.436.C8	7.504201773	1.090957679	-1.081543387	0.014038796	-0.004392627	0.176104542	0.004369884	0.001252551	0.012563296
YGL02_GNYA1SO04JMJT7	7.074543327	1.090706982	0.830195994	0.660836445	-0.111545162	-0.364570012	-1.17256494	0.000278986	0.004349636
YGL02_GNYA1SO04H3T9P	5.11575776	1.090660925	0.610281901	1.426193356	-0.420269233	-0.403010361	-0.922192765	0.002597364	0.02114098
YGL02.12898.C1	8.220309941	1.090569438	-0.070998528	0.208959639	0.03306326	-0.09277771	-0.340142209	7.24E-06	0.000351643
YGL02.18555.C1	4.543595345	1.089238532	1.156778524	1.186718386	-0.116558521	-0.375594385	-0.570073126	0.000590948	0.007356895
YGL02.22072.C1	6.702406239	1.088795894	0.620341765	1.300417797	-0.040973576	-0.099556984	-0.932000022	5.87E-06	0.00030753
YGL02.7425.C1	8.828679941	1.088762675	0.146389608	0.287727125	-0.073090301	-0.140291479	-0.937132871	1.50E-07	3.10E-05
YGL02.12787.C1	7.235679742	1.088719098	0.13554815	0.562833226	-0.312202004	-0.332605052	-0.504256082	1.62E-07	3.24E-05
YGL02_GNYA1SO04I6A77	5.369338158	1.088573655	0.435698843	0.563276332	0.791198685	-0.123297011	-0.306689254	0.000168529	0.003041275
YGL02.7425.C2	8.612640764	1.088417538	0.126410429	0.417852275	-0.078574969	-0.310714111	-0.871610539	1.86E-07	3.53E-05
YGL02_GNYA1SO04IKZ5L	9.110796922	1.08822972	0.212788504	0.765373471	0.578805865	-0.194240482	-0.610461736	8.76E-07	9.31E-05
YGL02.8230.C1	6.377237242	1.088228348	0.388837072	0.445366609	0.205230815	-0.933727092	-1.083800808	0.000782969	0.009012927
YGL02_GNYA1SO04IVT1H	8.197673053	1.088216641	0.400454054	1.149805445	-0.166356418	-0.397524065	-1.156313674	9.67E-05	0.002075602
YGL02.18947.C1	4.241976121	1.088070564	-0.201196484	0.567569158	0.053610122	0.150469788	-0.552542615	0.001806081	0.016333791
YGL02_GNYA1SO04IUZCS	8.290758141	1.088036004	0.440029478	1.12280121	-0.1374234	0.043031742	-1.393161841	4.04E-06	0.000242606
YGL02.14569.C1	5.60618125	1.087902458	0.176172928	0.298450021	0.308877462	-0.067322262	-0.256054859	8.85E-05	0.001950047
YGL02.7184.C1	5.456832168	1.087798585	0.662221944	0.655971964	0.091872485	-0.354254787	-0.826121199	5.60E-05	0.001408166
YGL02_GNYA1SO04IQRM7	5.798082293	1.087474508	-0.303269753	0.509473304	0.39016289	-0.450824879	-0.952081836	0.000181738	0.003203299
YGL02.8933.C1	7.921556716	1.087250752	0.159700241	0.211553885	-0.116255849	-0.219311757	-0.132739916	6.97E-07	8.01E-05
YGL02_GNYA1SO04IO1N0	8.021689588	1.086674829	-0.090137946	0.955804584	-0.646903632	-0.353128774	-0.912202014	0.001831329	0.016497604
YGL02.7153.C1	6.736480009	1.086577625	0.031703769	0.189202125	3.13E-05	-0.190673778	-0.242035651	1.26E-06	0.000117242
YGL02.11658.C1	8.377158811	1.086447707	-1.033040879	-1.362948725	0.056453535	-0.232522537	-0.386422379	3.10E-06	0.000203917
YGL02_GNYA1SO04IA9C5	5.649597127	1.085435581	-0.252546982	0.376073182	-0.090507399	-0.034029416	-0.434418681	5.48E-05	0.001387607

YGL02_GNYA1SO04IKPXP	5.220950836	1.085355762	-0.106774861	0.1969005	-0.356171454	-0.494768447	-1.449956511	0.005365387	0.035663991
YGL02.10879.C1	5.793520618	1.085290265	-0.826313448	-1.48678149	-0.124946275	-0.357832174	-0.298539628	0.001392248	0.013541959
YGL02.9130.C1	5.564964962	1.084981681	0.250395979	0.724972331	-0.125078868	-0.145301421	-0.483485359	6.21E-05	0.001509427
YGL02.18853.C1	6.177071571	1.084968782	-0.366108982	0.11972846	0.258145761	-0.138465509	-0.853280183	4.07E-06	0.000243663
YGL02.11826.C1	6.680593083	1.084774644	-0.046962339	0.161956757	0.004955664	-0.136047749	-0.545125374	1.40E-06	0.000124359
YGL02.23612.C1	5.819597764	1.084170436	0.167343649	0.318088335	0.470714339	-0.258801703	-0.24352081	4.01E-05	0.001123698
YGL02.18398.C1	6.187238688	1.084159112	0.364689424	0.462799836	0.067880445	-0.381662054	-0.282178019	7.77E-07	8.60E-05
YGL02.23478.C1	7.395858815	1.084103671	0.643523914	1.02896743	-0.103449404	-0.362189142	-1.000719938	0.000115022	0.002335391
YGL02_GNYA1SO04H78BY	8.979679025	1.083740504	0.326104503	0.454353207	0.34418397	-0.400233307	-0.696863724	5.78E-07	7.10E-05
YGL02.479.C9	8.194739703	1.083554945	0.137719243	0.577271587	-0.045340533	-0.066581896	-0.4078267	5.78E-08	1.99E-05
YGL02.22082.C1	4.832203411	1.083308816	0.432868654	1.23014004	-0.150101554	-0.300539436	-0.959151196	0.000283724	0.004400191
YGL02.13491.C1	5.979642051	1.083034445	0.325530735	0.401589767	-0.062534821	-0.26874673	-0.40755702	2.11E-05	0.000721522
YGL02.4571.C1	7.509394846	1.082870963	0.275965389	0.273571036	0.089196331	-0.484048115	-0.618412022	3.38E-05	0.00099851
YGL02_GNYA1SO04IZU09	9.176984126	1.082685178	0.3861499	0.925777097	-0.15133027	-0.56661284	-1.3169418	2.72E-07	4.43E-05
YGL02.1879.C1	7.658597738	1.082560696	-0.350477508	1.192392177	-0.073192551	-0.382624819	-1.173303786	1.26E-05	0.000501788
YGL02.2176.C1	6.614260584	1.08236597	-0.235347776	0.408301427	-0.270177684	-0.296465146	-0.489703965	3.32E-06	0.000213367
YGL02_GNYA1SO04IOJ7Z	6.828891226	1.082037995	0.408305854	0.482168467	-0.139043661	-0.643788548	-0.777440587	0.0070309	0.043266287
YGL02.13552.C1	5.605878938	1.082003555	0.098855883	0.769245443	-0.019651719	-0.081138807	-0.419350689	0.00072156	0.008505413
YGL02_GNYA1SO04IC00N	10.11574755	1.081806063	0.121920978	-0.161643617	0.068799419	-0.052081995	0.094223388	0.000116652	0.00235702
YGL02_GNYA1SO04JYK5L	2.60243983	1.081794097	0.365538618	0.231185465	0.288555256	-1.119855479	-1.31846391	0.004842844	0.033111814
YGL02.15237.C1	6.263008751	1.081735557	0.283050242	0.382855234	-0.040477965	-0.558779742	-0.765418154	8.07E-06	0.0003783
YGL02.4845.C1	7.408040535	1.081663628	-0.258860213	0.546609475	-0.257230992	-0.249882526	-0.571108832	0.000168846	0.003045716
YGL02.277.C1	9.141895772	1.081602571	0.281105766	0.607299953	0.044875712	-0.034213395	-0.337130268	2.19E-07	3.88E-05
YGL02.23064.C1	2.862124048	1.08151202	0.422423107	1.581947362	-0.039151085	0.165169601	-0.693929623	0.000904899	0.009996065
YGL02_GNYA1SO04JJ9UB	6.80427678	1.08095274	-0.064965066	1.147994234	-0.127101962	0.110875312	-0.969864692	0.000162243	0.002960838
YGL02_GNYA1SO04IXAUD	5.704541493	1.080933322	0.224116286	0.948415953	0.050361432	-0.383137003	-0.356420001	0.00053247	0.00682778
YGL02.12535.C1	2.945238279	1.080912446	0.147748609	0.365428501	-0.12594058	-0.173700825	-0.60675798	0.006942972	0.042831874
YGL02.4976.C2	2.91908528	1.080803349	-0.026252164	0.286908243	-0.070852697	-0.997581959	-1.176831274	0.001432958	0.013839842
YGL02.5372.C1	6.92788313	1.08056067	-0.109010821	0.404746577	0.078310487	-0.272313482	-0.81637897	2.96E-05	0.000912118
YGL02.5368.C1	4.47824204	1.079762094	0.892179807	1.850519055	-0.270438449	-0.618975198	-1.211698469	0.000287389	0.004437227
YGL02_GNYA1SO04H82RG	5.975216807	1.079529387	0.336495554	0.833778876	-0.092179012	-0.54263631	-0.821734347	0.00119082	0.012128933
YGL02.12331.C1	5.028004617	1.079501644	0.173710876	0.105283409	0.104159848	0.009372178	-0.244195338	0.000182421	0.003210968
YGL02_GNYA1SO04I7272	4.964106848	1.079470792	0.773174564	1.179188903	-0.383802726	-0.783840279	-0.480527336	3.34E-06	0.000214241
YGL02.17870.C1	9.491530477	1.079398572	0.465366441	1.067093925	-0.128606205	-0.27423827	-0.775021466	1.75E-07	3.39E-05
YGL02.12378.C1	4.817841554	1.0793499	0.049438809	-0.422198445	0.062648127	-0.740383875	-0.896891329	0.005804605	0.037751727
YGL02.5049.C1	7.527078871	1.079045854	-0.550332813	0.651869006	-0.04863071	0.069506316	-0.845840771	4.32E-08	1.65E-05
YGL02.1866.C1	6.855005867	1.078506619	-0.176492453	-0.050962775	-0.325128371	-0.752945352	-0.903328423	3.29E-05	0.000981885
YGL02_GNYA1SO04H32X4	8.351891732	1.078120051	0.399490515	0.39728936	-0.045700974	-0.350407883	-0.343143921	8.14E-07	8.87E-05
YGL02_GNYA1SO04JVSCQ	7.533482729	1.078095367	0.188511712	0.521158668	-0.068279469	-0.180953246	-0.978589973	7.19E-06	0.000350507
YGL02.238.C1	5.91588947	1.078082705	0.176725504	-0.118841229	0.121957134	-0.305100924	-0.211112453	0.000216155	0.003624715
YGL02.13098.C1	6.705264922	1.078057098	0.263300816	0.761774888	0.288523392	-0.25901728	-0.915320965	5.83E-07	7.12E-05
YGL02.11830.C1	4.215246991	1.077676633	0.414573954	0.54971649	0.327016684	-0.26427065	-0.219908637	0.001536149	0.01455864
YGL02.12013.C1	7.113175727	1.0776384	0.118223851	0.41876828	0.019852552	-0.438933305	-0.916001893	6.64E-07	7.78E-05
YGL02.5141.C1	7.732928227	1.077131572	0.143093055	1.038161631	-0.232099236	-0.218529767	-0.324441207	4.04E-07	5.66E-05
YGL02_GNYA1SO04JIWC0	5.722001193	1.077059177	0.378757439	0.214054874	0.427425329	-0.584582224	-0.527335321	0.001340729	0.013191117
YGL02.5590.C1	6.193532616	1.077028031	-0.48866761	0.265492196	0.023177778	0.0022745	-0.343461269	0.003034463	0.023631509
YGL02.8294.C2	5.447949911	1.076960477	0.742071149	0.970007902	-0.523034526	-0.117510017	-1.068232645	0.000555875	0.007049706
YGL02.12443.C1	6.333015751	1.076796379	-0.192274907	0.532005292	-0.106686468	0.20242523	-0.220168805	2.46E-05	0.000800436
YGL02_GNYA1SO04INNO8	6.075269776	1.076527596	-1.400382288	-0.949877557	0.206035715	-0.043478303	0.393622822	0.001013206	0.010806128
YGL02.20343.C1	3.844695151	1.076359256	0.333830354	2.016326099	-0.034552037	-0.20819614	-0.442589589	0.001170751	0.011981166
YGL02_GNYA1SO04ICDEH	2.996985827	1.076236026	0.740466414	0.893226307	-0.192630837	-1.366181738	-1.991421513	0.004299105	0.030342529
YGL02.23080.C1	5.063817366	1.076098081	0.262233619	0.655007021	-0.226373348	-0.076006072	-0.39472674	0.002209484	0.018823902
YGL02.11607.C1	6.996292959	1.075997129	-0.765698103	-0.019169518	0.123828789	0.183562771	-0.266796708	3.69E-05	0.001063095
YGL02.14064.C1	8.18834844	1.075587787	-0.084359904	0.263501577	0.073012213	-0.078287017	-0.30561886	4.59E-06	0.000262281
YGL02_GNYA1SO04JORG4	6.100768476	1.075378975	-0.319951637	0.62396485	-0.128489763	0.428096426	0.074006463	1.02E-05	0.000437595
YGL02.5714.C1	7.616856063	1.07514498	-0.002012116	0.744374471	-0.085652773	0.132765292	-0.433478795	1.15E-08	8.62E-06
YGL02_GNYA1SO04JOKU5	6.330689471	1.075089931	-0.488657506	1.500310203	0.17495836	-0.126989248	-0.533253301	1.14E-05	0.000471502
YGL02.15667.C1	10.19850981	1.074944062	0.161804942	0.608781551	-0.293503909	-0.27276557	-0.700083783	3.12E-08	1.43E-05
YGL02.5118.C1	3.830354891	1.074868655	0.05631147	0.512803466	0.503391074	-0.231804418	-0.492091913	0.005931095	0.038340109
YGL02_GNYA1SO04JSV91	3.352290041	1.074744208	-0.169218052	-0.436863857	0.015018989	-0.193522511	-0.874078047	0.007873421	0.046970599
YGL02.12396.C1	6.58713754	1.074668452	0.134307634	0.776150638	0.087147355	-0.204186232	-1.00426767	5.23E-06	0.000285652
YGL02_GNYA1SO04I2I0O	4.997346669	1.074663027	0.525696169	0.543324173	-0.05504963	-0.527955924	-0.295108865	2.85E-05	0.000887916
YGL02.5850.C1	6.34895492	1.074630738	0.364412982	1.710296405	0.153343621	-0.725795018	-1.033719622	0.003969348	0.028620374
YGL02_GNYA1SO04IK8SD	5.174352177	1.074593656	0.850552567	-0.175710464	0.02669841	-0.618988215	0.142679982	0.002536307	0.020792997
YGL02.14759.C1	4.94636584	1.074396651	0.258748392	0.479618058	-0.081393691	-0.100162275	-0.655055137	0.001080949	0.011314305
YGL02_GNYA1SO04I1DN0	7.084219482	1.074265244	-0.612058736	0.964690898	-0.362414484	0.1442046	-1.005090303	0.000120654	0.002416019
YGL02.5798.C1	5.649900829	1.074192258	-0.00082156	0.392310362	0.549317079	-0.003599125	-0.427696403	4.36E-05	0.001189333
YGL02.9220.C2	7.376631547	1.07371054	0.061405802	0.709450276	-0.136069926	-0.141453186	-0.954678479	2.22E-06	0.000166098
YGL02.12900.C1	6.889434258	1.073544753	0.190246361	0.333498814	-0.284422874	0.006324523	-0.218139983	0.000317245	0.00476044
YGL02.9917.C1	7.003022849	1.073475472	-0.100004897	0.313283407	0.038147942	0.046564521	-0.610623752	1.16E-07	2.74E-05
YGL02.5719.C1	7.833532417	1.073454381	-0.19595233	0.072801516	0.310940502	0.282445671	-0.055066169	0.000154001	0.002857945
YGL02.11067.C1	7.83106733	1.073107145	0.313189854	0.654815521	0.093007153	-0.517558024	-0.509442019	4.97E-08	1.85E-05
YGL02_GNYA1SO04IKCSQ	7.715083643	1.073087307	0.179857392	0.78681114	-0.092223437	-0.316870899	-0.587452606	1.87E-06	0.000149738
YGL02.16337.C1	7.768510505	1.072986839	0.584002625	1.122642373	0.054992607	-0.605233297	-0.907344153	3.14E-07	4.86E-05
YGL02_GNYA1SO04I177Y	5.621133422	1.072432704	0.9031899	0.623070763	-0.293452223	-0.496358662	-0.495877129	0.000424332	0.005822838
YGL02_GNYA1SO04H7F7O	8.028689368	1.07238993	-0.762445089	-0.12183835	-0.08402068	0.148316307	-0.284884549	0.000365166	0.005246084
YGL02.9050.C1	8.086708355	1.07190375	0.531166556	0.734937323	0.035923786	-0.55480263	-0.769504419	2.45E-08	1.25E-05
YGL02_GNYA1SO04I50HN	5.81644161	1.071558989	0.952466535	1.131043784	0.251966818	-0.471948868	-0.878303937	0.00010097	0.002139577
YGL02_GNYA1SO04JNRX7	5.258555696	1.071365736	0.385725422	0.793887686	0.10569187	-0.343931416	-1.14546001	0.000547408	0.006970319
YGL02_GNYA1SO04JHIFL	9.230217205	1.071255313	0.097375232	0.736133635	0.043435254	0.08679564	-1.090919985	5.23E-06	0.000285652
YGL02.7842.C1	8.162104596	1.071184979	0.051177395	0.125166849	0.017788226	-0.359684128	-0.489379803	5.94E-07	7.20E-05
YGL02.14180.C1	3.490279976	1.070932874	-0.272345127	-0.185351191	-0.384725243	-0.581831957	0.008770526	0.003878404	0.028143275
YGL02_GNYA1SO04IL4XL	8.996948946	1.070611019	-0.518141951	0.361134454	-0.099508703	-0.416290299	-0.906346876	3.60E-07	5.26E-05
YGL02_GNYA1SO04JIYZM	8.950555428	1.070384212	0.256889944	0.589967267	0.060226126	-0.309000572	-0.726900938	2.25E-06	0.000166499
YGL02.688.C1	7.085211236	1.07035246	0.134061486	0.17050152	0.261702325	-0.207194864	-0.294866294	3.71E-05	0.001066795
YGL02.9286.C1	10.44440464	1.06996994	0.020296752	0.581172078	0.219537673	-0.468404692	-1.224920276	0.000376791	0.005360988
YGL02_GNYA1SO04J0ZPZ	5.368417912	1.069886704	0.375523896	0.74150587	0.01216074	-0.213658366	-0.293032088	0.000137235	0.002639083
YGL02_GNYA1SO04I1SWC	6.87387799	1.069506221	0.488534267	0.956720088	0.162690031	-0.309341945	-1.054309056	1.36E-05	0.000529808
YGL02.2280.C2	4.08633959	1.069377845	-1.200829023	-1.27895509	0.01278954	-0.006948319	-0.949163456	0.000105692	0.002203302
YGL02_GNYA1SO04IUH9R	10.17282322	1.06928283	0.38906721	1.12030131	0.102442813	-0.17719866	-0.949367562	3.52E-07	5.20E-05

YGL02_GNYA1SO04JBG15	7.883010982	1.069186536	0.764176238	0.622703199	0.167135709	-0.97629089	-1.225932183	0.000251731	0.004031492
YGL02.15948.C1	4.951222835	1.069137065	0.103317103	0.199344213	-0.366044706	-0.307113363	-0.178204228	0.002515303	0.020673155
YGL02_GNYA1SO04I5Y9P	6.988470576	1.068905619	0.393304359	1.352762374	0.12186024	-0.065211668	-1.031205119	0.000136185	0.002625709
YGL02.15794.C1	7.462268847	1.068880619	0.647852145	1.381555231	-0.037817176	-0.326015454	-0.727951784	6.17E-06	0.000317431
YGL02_GNYA1SO04H2URZ	7.026134357	1.068833225	0.471258791	0.593569947	0.188118758	-0.205006253	-0.734417348	3.09E-07	4.81E-05
YGL02.1669.C8	7.187346698	1.068656593	0.194116994	0.485663497	0.113665495	-0.270073436	-0.857398739	7.28E-05	0.001695573
YGL02.2345.C1	8.074944113	1.06832567	0.369721638	0.498761158	0.256302031	-0.448370098	-0.724494746	2.70E-08	1.34E-05
YGL02.7329.C1	5.558738657	1.068180188	0.264568818	0.161745378	0.021012423	-0.483241659	-0.111270652	0.005239558	0.035083316
YGL02.20835.C1	4.835373743	1.068154892	0.119528392	0.482887581	-0.069855472	-0.4817001	-0.940353975	0.000622686	0.007641825
YGL02_GNYA1SO04IQBL1	6.834876399	1.067795711	0.103751857	0.060676855	-0.026937835	-0.07880977	-0.026082447	5.39E-05	0.001370213
YGL02.9832.C1	7.048741999	1.067377914	0.292038614	0.13776694	-0.083515539	-0.322077653	-0.542270253	5.95E-06	0.000310417
YGL02_GNYA1SO04JY5TT	7.197200011	1.067171379	-0.540966637	0.494945243	-0.238234596	0.061698826	-1.087828031	3.80E-05	0.001084173
YGL02.17346.C1	7.61649735	1.067171273	0.295868922	0.685987872	-0.368453551	-0.432051752	-0.674972025	0.006756518	0.042030763
YGL02.5950.C1	5.563540606	1.067098458	0.075612879	0.465359355	-0.340671344	0.00082998	-0.675496695	0.000808638	0.009228599
YGL02_GNYA1SO04H42ID	4.587154074	1.066901737	-1.360100226	0.148980047	-0.093664859	1.169314219	-0.506748095	0.001254856	0.012579429
YGL02.7621.C1	3.251503399	1.066765355	-0.357359428	-0.326492095	0.342638193	0.121931698	-1.126539737	0.00122363	0.012358243
YGL02_GNYA1SO04JQRDM	4.83381089	1.066706152	0.320387528	0.172828616	-0.391690306	-0.080278861	0.176301063	0.001052249	0.011109979
YGL02.6332.C1	4.013935138	1.066665918	0.763779446	-0.428788776	-0.396332341	0.638710383	-1.211220935	0.005782413	0.037670468
YGL02_GNYA1SO04ICJLF	12.34688351	1.066456263	0.685855123	0.423072154	-0.047123195	-0.602513848	-1.104469166	0.000976488	0.010538638
YGL02_GNYA1SO04H6046	10.95493227	1.066283123	-0.491838559	-0.135602568	-0.026098427	-0.331557178	-0.701083557	0.000107738	0.002234445
YGL02_GNYA1SO04JR5JT	7.091787844	1.065860886	-0.025793813	0.438010956	0.005640833	-0.231546792	-0.780481627	3.56E-07	5.25E-05
YGL02_GNYA1SO04IWUGZ	3.991794114	1.065730314	0.641516073	0.977736308	-0.02225805	-0.314907271	-0.942176236	0.001931878	0.017137554
YGL02.6693.C1	7.821232603	1.065590546	0.418384571	0.493499376	-0.216162882	-0.51669627	-0.663001404	1.65E-05	0.000604987
YGL02_GNYA1SO04H7A40	8.485814353	1.065298939	0.482367164	1.046324185	-0.007783748	-0.535475748	-1.153110839	9.38E-06	0.000416819
YGL02.8113.C2	6.53515072	1.065266541	0.517064173	1.021690127	0.541356763	-0.467714009	-1.306880494	0.000193085	0.003344573
YGL02.13201.C1	5.2070808	1.065068358	-0.326504402	1.430678877	-0.337588349	-0.243894743	-0.965676031	0.001108741	0.011521384
YGL02.17186.C1	6.236829978	1.065060553	0.362202311	0.810916382	-0.078170992	-0.579958266	-0.617160976	0.000114648	0.002330304
YGL02.7615.C3	5.830787402	1.065013692	0.138963931	0.573672814	-0.185827918	0.061497216	-0.517943586	0.000610159	0.007523021
YGL02_GNYA1SO04H8S7V	7.407548691	1.065003073	-0.084138317	0.187093364	-0.125011225	-0.263577486	-1.06075828	7.13E-05	0.00166865
YGL02_GNYA1SO04H7APG	7.394334053	1.06486717	-0.276945418	0.876004616	-0.087918843	-0.296156892	-1.186389943	0.000110081	0.002270314
YGL02.8682.C1	6.350134923	1.064759258	-1.034163815	-0.666859226	-0.025590457	0.244148437	-1.137325348	0.002849806	0.022618516
YGL02_GNYA1SO04IPLGA	5.96011757	1.064697731	0.419782681	0.682930293	0.320290977	-0.678751146	-1.164338972	0.000151319	0.002824778
YGL02_GNYA1SO04JFLVC	6.373829367	1.064695492	-0.014679014	0.731087796	0.050191426	0.03567792	-0.865675082	0.00045418	0.006103701
YGL02.12929.C1	5.274031966	1.064664207	0.250439714	0.731637676	-0.385739867	-0.114941214	-1.441648778	0.00013643	0.002628302
YGL02_GNYA1SO04JDDWP	5.10056753	1.064096698	0.589201418	0.203644229	0.156510233	-0.551483842	-0.846059104	0.003596154	0.026679699
YGL02_GNYA1SO04IM3LJ	11.09011284	1.063975222	-0.352153781	-0.184581228	0.112927511	-0.232596679	-0.879876465	1.95E-05	0.000682901
YGL02.4466.C1	4.171560782	1.063872418	-0.235884157	0.557936797	-0.091415793	-0.016402143	-0.793922064	0.004812476	0.032968583
YGL02.6961.C1	7.875369046	1.063804825	0.569145551	0.944353852	-0.011514987	-0.19063944	-1.458136142	7.59E-06	0.000363818
YGL02.9790.C1	4.324886178	1.063787248	0.831791047	1.122710544	-0.355138634	-0.8090907	-1.53941813	0.002975878	0.023279548
YGL02.11608.C1	6.179646164	1.06378438	-0.173973183	-0.130997836	-0.0627706	0.064907056	-0.395836565	7.37E-06	0.000356593
YGL02.3697.C1	5.061662628	1.063783968	0.657192769	0.502101979	0.101139575	-0.609726676	-0.486296823	0.001067617	0.01121828
YGL02.18851.C1	5.977867977	1.063563776	0.524542498	0.454721623	-0.140252176	-0.272729467	-0.483240717	8.77E-06	0.000399427
YGL02.15037.C1	5.151077313	1.06342378	-0.327495086	0.524938183	-0.199154474	-0.11183385	-0.386433851	0.004078484	0.029208872
YGL02.15837.C1	6.961287348	1.063223774	0.181743418	0.626689792	0.364904519	-0.44746295	-0.800209861	1.58E-05	0.00059022
YGL02.876.C1	5.303741398	1.062937729	-0.661954727	-1.05298353	-0.213042035	0.787706866	0.452518577	0.006538519	0.041064097
YGL02_GNYA1SO04I2TOT	6.734974886	1.062684919	0.140003706	1.010305957	-0.065071487	-0.062188799	-0.816069796	0.000112625	0.002304124
YGL02.23045.C1	5.187884404	1.062569249	0.059637342	0.613859433	0.074254199	-0.159141181	-0.607530794	0.000369951	0.005294764
YGL02.3205.C2	6.205684061	1.062516897	-0.064317954	0.138576426	-0.353194213	-0.087052676	-0.44170488	6.22E-06	0.00031866
YGL02_GNYA1SO04H40YY	4.640260606	1.062408825	-0.17099342	-0.163017225	1.213542837	-0.304814147	-0.504719085	0.000694132	0.008263338
YGL02_GNYA1SO04H2KOI	4.545768299	1.062362069	0.368410986	0.06478765	0.367008432	0.106011669	0.067714053	0.006399543	0.040457278
YGL02.2625.C3	9.769485631	1.062217559	0.120367922	-0.217473328	0.442087886	-0.061298317	0.151394748	0.000176798	0.003144174
YGL02_GNYA1SO04JIYXZ	4.974351294	1.062162085	0.430103442	1.45213402	0.323193221	-0.447679587	-1.750966327	0.005260568	0.035180337
YGL02.8467.C3	6.231019704	1.062040885	0.331187061	-0.081315994	-0.086161218	-0.449596783	-0.178389511	3.56E-05	0.001039317
YGL02.10936.C1	4.090345341	1.061993233	0.612450549	0.467370979	0.240267795	-1.147929572	-1.261767738	0.000491728	0.006447069
YGL02.10091.C1	4.405013575	1.061948324	-0.392757419	1.341561903	0.48824417	0.396473324	-0.821760607	7.49E-05	0.001730196
YGL02_GNYA1SO04IGKO4	12.40287896	1.061862823	0.947109169	1.38642956	0.639036838	-0.504240788	-1.098810826	0.000181136	0.003195295
YGL02.11817.C1	5.917166716	1.061805996	0.39240021	0.371021257	0.209697442	-0.193887197	-0.775024282	1.91E-05	0.000672628
YGL02.20725.C2	5.721829345	1.061404701	-0.102418449	0.57840232	-0.151027876	-0.012387825	-1.291339006	0.002007874	0.017595397
YGL02.10843.C1	2.881475356	1.061204912	0.142921086	0.489480375	0.103158421	-0.012370387	-0.697555911	0.000402098	0.005614885
YGL02.3205.C1	6.322019718	1.061152737	0.145953298	0.14409774	-0.137288886	-0.365591088	-0.234847888	5.10E-05	0.001318955
YGL02.10426.C1	6.119028306	1.061138082	0.167535085	0.180014822	0.146591669	-0.19245141	-0.307485176	0.00014003	0.00267733
YGL02.12719.C1	5.303554798	1.061120339	-0.242004547	0.607010951	-0.441604822	0.12171651	-1.073064884	0.002291645	0.019338139
YGL02.9047.C2	4.391482464	1.060964122	-0.981113733	-0.940219498	0.099621225	-0.110164685	-1.116547797	0.003643771	0.026919097
YGL02.21876.C1	4.961719672	1.060927021	1.271456508	0.398988033	-0.056026939	-0.786413735	-0.08027738	0.003376167	0.025491589
YGL02.9805.C1	9.295644121	1.060880592	0.280836318	0.95939677	-0.13292405	-0.053633524	-1.079215464	1.19E-07	2.77E-05
YGL02_GNYA1SO04JGYPB	9.565130484	1.060498616	-0.037838676	0.586169767	0.369214173	0.18944283	-1.005115335	2.64E-05	0.000840399
YGL02.19090.C1	6.288910589	1.060495605	0.545362479	0.753497254	-0.096643356	-0.276501496	-0.463195933	1.64E-05	0.000604141
YGL02_GNYA1SO04IJ203	5.413429892	1.059880397	0.237330573	1.148553315	-0.201172275	-0.032254893	-0.80066932	0.00013979	0.002674326
YGL02.10413.C1	8.751556361	1.059619378	0.232989346	0.527101676	-0.136736053	-0.174968909	-0.463358535	4.48E-07	6.02E-05
YGL02.1208.C2	8.494828384	1.059547119	-0.051070211	0.198763236	-0.118629188	-0.216008793	-0.579358307	2.53E-07	4.23E-05
YGL02.10022.C2	6.736253563	1.059090505	0.141751824	0.746254347	0.15974903	-0.084415504	-0.984904053	6.60E-05	0.001577242
YGL02.16107.C1	4.412156041	1.059087188	0.87322923	1.19813211	-0.862670519	0.254798691	-0.623424816	0.002269626	0.019204891
YGL02_GNYA1SO04IHOXY	8.694880999	1.059058045	0.260802537	0.316285773	-0.12347986	-0.222212252	-0.30067476	1.06E-08	8.20E-06
YGL02.7385.C1	8.09463362	1.058695308	0.065181543	-0.136400953	-0.033977436	-0.177271808	-0.370800938	1.06E-08	8.20E-06
YGL02_GNYA1SO04JTECR	8.703275411	1.058594016	-0.133221799	-0.097668726	0.467473497	-0.224643021	-0.683864119	5.82E-07	7.11E-05
YGL02.5873.C2	9.792805456	1.058411525	-0.147583352	0.147636112	-0.297031664	-0.144268202	-1.030110327	2.97E-06	0.000198699
YGL02.19554.C1	4.261808244	1.05817335	0.190427567	0.342087012	0.209430613	-0.163821311	-0.445483426	0.000110914	0.00228128
YGL02_GNYA1SO04JCKZ5	5.758937818	1.058030247	0.072599454	0.20579431	0.183511379	-0.60871042	-1.11101246	0.000306827	0.004653175
YGL02.18621.C1	3.072732474	1.057566474	-0.104318237	0.162324742	-0.100767325	-0.161408948	-0.905280304	0.000612749	0.007546329
YGL02.21053.C1	2.947386558	1.057400414	0.256245427	0.305450577	0.263800462	-0.286674508	-0.909775352	0.003976355	0.028654938
YGL02.1418.C2	9.333655211	1.057381438	-0.045448512	0.404523381	-0.163273954	-0.183594148	-1.032281644	1.17E-05	0.000480594
YGL02_GNYA1SO04I5HZE	7.965179426	1.057370233	0.002071754	0.308408561	0.027655365	-0.034153251	-0.462014434	7.63E-06	0.000364913
YGL02.13068.C1	6.788602441	1.057076286	0.226517075	0.478506726	-0.191579146	-0.331113866	-0.685307409	2.12E-06	0.000161686
YGL02.17838.C1	4.589478868	1.056997482	0.533229225	0.519779365	0.035481088	-0.616683885	-0.50436415	2.84E-06	0.000193786
YGL02.9293.C1	5.105470131	1.056835652	0.247679453	0.525055373	-0.125413565	-0.412302952	-0.580223183	3.84E-05	0.001092397
YGL02.20270.C1	2.667210526	1.05642342	0.265113701	0.406482294	0.456916459	-0.54943844	-0.392282382	0.000839511	0.009471585
YGL02_GNYA1SO04JUDGP	6.775794313	1.056298073	0.433010136	0.513374074	0.06440226	-0.486206369	-0.483831017	5.64E-05	0.001415589
YGL02.13507.C1	5.725731788	1.055905294	0.104535459	-0.545857715	-0.063167401	-0.181220315	-0.090030306	0.003116785	0.024096527
YGL02.9383.C1	5.789907287	1.055866481	0.73560445	0.948463298	-0.053842901	-0.664184074	-0.543634762	3.54E-05	0.001034476
YGL02.16387.C2	8.236768118	1.055767212	0.63464992	0.730386274	-0.035660676	-0.353090051	-1.246871915	9.24E-07	9.62E-05

YGL02_GNYA1SO04IE9PF	5.018260059	1.055693072	0.186538502	0.60958634	-0.284146112	-0.328520555	-0.610319629	0.003282213	0.024996435
YGL02.17998.C1	6.76676852	1.055643901	0.495986663	0.648220596	0.434920277	-0.679694611	-0.700886073	7.76E-05	0.001774038
YGL02_GNYA1SO04JPDX8	9.16982883	1.055496551	0.131792544	0.499392183	0.019778321	-0.264922231	-0.575839959	3.39E-07	5.08E-05
YGL02.13125.C1	4.349520085	1.055215268	0.082340172	0.498365546	0.307103594	-0.412317477	-0.572794704	0.00483387	0.033069662
YGL02_GNYA1SO04IVKDU	7.913316226	1.055129925	-0.020232618	0.50320609	0.06150436	-0.08269238	-0.60927098	0.000137926	0.002649225
YGL02_GNYA1SO04H2DGV	6.687730128	1.054908492	-0.012118617	0.483287966	-0.11272911	-0.13166042	-0.50240638	4.21E-05	0.001159971
YGL02_GNYA1SO04H8EXB	8.034778371	1.054841761	-0.414030941	-0.206293614	0.235390737	-0.523808111	-0.639570525	1.65E-05	0.000605227
YGL02.3216.C1	13.49567584	1.054644973	0.056101906	0.285303299	0.184653869	-0.458121197	-0.786245635	6.82E-06	0.000338846
YGL02.16030.C1	5.108285516	1.054337158	0.113697986	-0.031524206	0.061189336	0.262905294	0.028111163	0.002826502	0.022490066
YGL02.19340.C1	9.367863382	1.053897346	0.285931635	0.856468881	-0.166828557	-0.216438463	-1.086938451	4.53E-06	0.000259789
YGL02_GNYA1SO04JVN00	5.900832361	1.053856333	0.212211894	0.734612124	-0.287119652	-0.193448225	-0.653374242	0.000112018	0.002294548
YGL02.10906.C1	6.393005724	1.053613391	-0.072814366	0.808765025	0.093611912	0.171909288	-0.554047299	7.36E-05	0.00170664
YGL02.15782.C1	8.190311415	1.053561507	0.212521801	0.358097185	0.478438231	-0.159028757	-0.318555266	4.96E-07	6.45E-05
YGL02.19473.C1	6.05639637	1.05304035	0.185778439	0.732086858	0.104573106	-0.46852195	-0.776914915	1.37E-05	0.000531621
YGL02_GNYA1SO04IY4D1	9.723991937	1.05282268	-0.011669476	0.298413147	0.178491003	-0.238904654	-0.46447118	6.15E-05	0.001500651
YGL02_GNYA1SO04JFNUS	7.978614915	1.052809862	0.151722302	0.607440059	0.028752406	-0.341459382	-0.522667972	8.14E-05	0.001835755
YGL02.16518.C1	7.073643577	1.052707647	0.246749977	0.506173206	0.078054652	-0.554920229	-1.210575024	0.000932781	0.010206433
YGL02_GNYA1SO04IPET6	9.978261713	1.052664692	0.373788072	1.26807763	0.030056003	-0.106641813	-0.919762376	1.88E-06	0.000150741
YGL02.6918.C1	3.203243545	1.052641612	-0.112527497	0.273364252	-0.289978593	-0.620404021	-0.997647552	0.003168231	0.024369149
YGL02.2594.C1	9.090029083	1.052330999	0.115856032	0.4790382	0.097420399	-0.310401372	-0.557572385	2.13E-07	3.82E-05
YGL02.13682.C2	8.910310623	1.052320739	-0.232045188	-0.062891833	-0.034852623	-0.336678165	-0.721531404	2.66E-06	0.000185687
YGL02.19607.C1	5.879980695	1.052306361	-0.617223099	1.164322071	0.124525937	-0.034406694	-0.957661658	0.000240052	0.003902358
YGL02.3844.C1	10.42826407	1.050697938	0.14442941	0.445635164	0.204947041	-0.210423413	-0.501435418	1.33E-06	0.000120129
YGL02_GNYA1SO04HZ641	5.663820087	1.050234399	-0.301556053	0.067736162	0.176759301	-0.416407617	-0.795361259	0.005734378	0.037445891
YGL02_GNYA1SO04JWJWR	5.880165958	1.050178565	-0.3636174	0.56879992	0.144619423	-0.664225803	-0.994348963	0.000190329	0.003313245
YGL02_GNYA1SO04IB4UV	6.893442812	1.049933908	0.17471968	0.532192321	-0.173530391	-0.183197664	-0.548350121	0.000266012	0.004199917
YGL02_GNYA1SO04JZN04	10.1750381	1.049878063	0.285946278	0.450266739	0.093854683	-0.448758088	-1.023270724	5.74E-06	0.000303863
YGL02.3989.C1	5.121784209	1.049833578	0.823278123	0.742546357	0.037190159	-0.595094408	-0.539788177	0.000608155	0.007506169
YGL02.14224.C1	10.59787709	1.049210118	0.412920483	0.534075122	0.341160776	-0.209074599	-0.647773915	3.75E-05	0.00107664
YGL02_GNYA1SO04JD5FY	10.73095607	1.049112371	-0.301353908	-0.163699051	0.086392527	-0.238047266	-0.896902838	0.000117141	0.002363197
YGL02_GNYA1SO04JLBO2	5.911981106	1.049057832	0.064009577	0.685934782	0.01679099	-0.040180956	-0.745474276	0.001180692	0.01205432
YGL02.10354.C2	6.055712793	1.049053562	0.165843793	0.791522549	0.378360339	-0.466772304	-0.805887158	6.27E-06	0.000320687
YGL02.21343.C1	4.879630958	1.049033358	-0.434725375	0.184291474	-0.371365802	0.454971863	-0.243103731	0.003142908	0.024237714
YGL02.17876.C1	7.224915949	1.048663435	0.485051408	1.350719037	-0.216426285	-0.388081222	-1.020691448	9.93E-06	0.000432241
YGL02_GNYA1SO04JRW6E	6.552375946	1.048609099	-0.247949967	-0.161477397	-0.19724602	-0.678356303	-0.833393994	0.000194473	0.003363738
YGL02_GNYA1SO04IGGOC	12.07386863	1.04847129	0.601017262	0.406696846	0.129603021	-0.529603524	-1.11131304	3.17E-05	0.000956898
YGL02_GNYA1SO04JGEA5	6.611862492	1.048214687	0.478211567	1.0137004	-0.103105513	-0.64094529	-0.823529959	0.000288645	0.00445435
YGL02.14324.C1	6.188729712	1.048067806	0.029497048	0.523683726	0.145011533	-0.097854714	-0.573731767	0.001261593	0.012626076
YGL02.1547.C1	8.274258197	1.047814242	-0.048151336	0.360271418	0.010833274	-0.155042788	-0.490605447	2.66E-06	0.000185558
YGL02.4554.C1	9.857498278	1.04761136	0.438847463	0.798037508	0.25629637	-0.387913574	-0.532885007	1.22E-06	0.000115085
YGL02_GNYA1SO04JBBWW	7.17319015	1.047383538	-0.298707891	0.188220885	-0.138381868	0.169849547	-0.707780462	8.50E-05	0.001892467
YGL02.8333.C1	5.900283443	1.047134296	0.182303856	0.398232614	-0.316465007	-0.387515306	-0.363243992	3.15E-06	0.000206015
YGL02.6735.C1	12.44747354	1.047032436	-0.028193331	0.375094835	0.006783481	-0.366024142	-0.578704698	5.99E-07	7.23E-05
YGL02_GNYA1SO04JEPTI	8.167461963	1.046761257	-0.27539579	0.181539954	-0.287998801	0.028047945	-0.561559917	0.00176332	0.016058441
YGL02_GNYA1SO04IAYOT	4.576387837	1.046589095	0.698701652	0.759828	0.213418577	-0.604771424	-0.428993203	0.007579512	0.045714229
YGL02.10380.C1	6.564537262	1.04652386	0.651994211	1.23456882	0.15431842	-0.376313201	-1.18331416	0.000373653	0.005334282
YGL02.23214.C1	6.785475532	1.046469787	-0.154536594	0.077532249	-0.056998554	-0.209580982	-0.564964998	0.000247614	0.003985266
YGL02_GNYA1SO04JQFD9	7.325075802	1.046156455	0.559777247	0.620084379	0.043790692	-0.687301265	-0.561269319	0.001429863	0.01381569
YGL02_GNYA1SO04JE0S7	6.211416955	1.046004783	-0.053032135	0.38793782	0.169155959	-0.06395306	-1.030178443	7.21E-05	0.001683798
YGL02_GNYA1SO04IXBIN	6.115052332	1.045285861	0.356195929	1.394578651	0.502858744	-0.639313979	-1.285465618	0.000175176	0.003125935
YGL02.6568.C2	6.213730894	1.04498632	0.501811978	1.359676807	0.337766991	-0.646033236	-1.308452288	0.000196041	0.003381767
YGL02_GNYA1SO04I2K38	5.910123416	1.044551154	0.796520343	0.961599092	-0.127163875	-0.829661818	-0.902310654	0.000379366	0.005386736
YGL02.21721.C1	6.371985351	1.044436228	-0.550648298	-0.193471635	0.18302132	0.120814941	-0.378355532	1.08E-05	0.000455453
YGL02.12491.C1	4.440123398	1.044368577	0.559844794	0.329893884	0.134496149	-0.615330653	-0.143157012	0.004115072	0.029404231
YGL02.1052.C2	6.932577236	1.043829885	0.243925988	0.746727035	-0.276137055	-0.19381761	-0.439067308	3.19E-06	0.000207864
YGL02.2011.C2	9.034789824	1.043460053	-0.466279524	0.146460863	-0.446607443	-0.006481342	-0.651814406	0.000200561	0.003438846
YGL02.13772.C1	7.662839049	1.043291894	0.468459037	0.824394725	-0.397680728	-0.279692245	-0.621599978	0.00019087	0.003318635
YGL02_GNYA1SO04I0L6N	6.768656134	1.043226821	-0.562571095	0.312488571	-0.056516718	-0.00495066	-1.124884424	0.004471638	0.031211423
YGL02.6152.C1	6.542006058	1.043123828	-0.025123248	0.75668278	0.527281854	-0.346232363	-1.021563831	2.74E-05	0.00086231
YGL02_GNYA1SO04H0AEX	5.383956904	1.043090195	0.170937028	1.196307711	0.321401931	-0.340105726	-0.8196664	0.000592822	0.007373846
YGL02_GNYA1SO04JX2P1	5.647506837	1.042961454	0.58238686	0.570149498	-0.075826146	-0.614687361	-0.629006003	0.003555787	0.026459037
YGL02_GNYA1SO04JZUJK	2.803540413	1.042865314	0.029464342	0.044642454	0.071800196	-0.56609901	-1.076643052	0.000742796	0.008686935
YGL02.21962.C1	9.842877466	1.042773656	0.44935411	1.170999329	-0.030418684	-0.229893177	-1.036677389	7.13E-06	0.000348578
YGL02_GNYA1SO04I66VY	7.321588076	1.042305638	0.470932481	0.587440253	-0.013841623	-0.261282844	-0.44096765	1.44E-06	0.0001271
YGL02.3940.C1	5.987375822	1.042219315	-0.164384372	0.630138073	0.333143532	-0.055727807	-0.829693878	8.21E-05	0.00184905
YGL02.1546.C1	7.449388655	1.041675499	0.292916102	0.892501264	-0.103045774	-0.258206201	-0.908085775	2.00E-06	0.000155987
YGL02_GNYA1SO04JFPJ5	8.360465969	1.041562988	0.173708899	0.721955411	-0.275221038	-0.202553547	-0.475038163	1.18E-05	0.000481228
YGL02_GNYA1SO04JWIJW	4.871914827	1.041375162	0.195053244	0.371931552	0.257946272	-0.053045203	0.044114075	0.007764813	0.046524147
YGL02.1580.C5	4.821012863	1.041255438	0.12455968	0.361481363	0.145035073	-0.1395526	-0.077074116	7.41E-05	0.001714344
YGL02_GNYA1SO04IK4Z6	8.182089552	1.041028566	0.085272895	0.488044225	-0.443979096	-0.13729299	-0.7939903	0.001631384	0.015185496
YGL02.21766.C1	7.12468637	1.041019432	0.253915973	0.389558799	0.105378111	-0.059584846	-0.493464378	4.72E-05	0.00125343
YGL02_GNYA1SO04JR6AI	7.85129531	1.040914379	0.756164419	0.628842741	-0.061605642	-0.135511724	-0.526115609	0.000171362	0.003079938
YGL02.14959.C1	7.133784428	1.040542314	0.391423649	0.805604917	0.0877061	-0.474369973	-0.849085825	1.68E-07	3.31E-05
YGL02.7606.C1	5.332430637	1.040375045	-0.184088055	0.810262939	-0.263310219	-0.251692097	-0.764878269	0.001888127	0.016840573
YGL02_GNYA1SO04H8AJ5	4.607368172	1.040187102	0.389497736	0.236362352	-0.346010316	-0.264429922	-0.538070943	0.00182404	0.016451403
YGL02.17717.C1	3.099098155	1.039958003	0.102120416	0.055906422	-0.14613532	-1.053483781	-0.626473663	0.003388121	0.025552049
YGL02.173.C1	5.047713044	1.039505153	0.574236954	1.237431987	-0.219106348	-0.655176172	-0.497739464	0.000246508	0.003973387
YGL02.3526.C4	2.728941892	1.039441913	-0.003923231	1.612313426	0.148894752	-0.104283717	-2.253334786	0.000475802	0.006303997
YGL02.7415.C1	7.146997675	1.038911928	-0.052615857	0.169548483	0.06983413	-0.223162052	-0.353857228	2.60E-06	0.000183042
YGL02.9226.C1	5.956160043	1.038672382	0.556187709	0.722280615	0.087689223	-0.430040943	-0.868096096	2.21E-07	3.88E-05
YGL02_GNYA1SO04I180V	5.694233493	1.038370901	-0.018843653	0.843872354	-0.715471539	0.031455566	-0.782675767	0.001791939	0.016247878
YGL02.14480.C2	3.406018178	1.038296683	0.252481295	0.668460907	0.976869884	-0.460974562	-0.508782565	0.000760233	0.008831047
YGL02.5172.C1	6.912957232	1.038201867	0.352443615	0.823413212	0.080931135	-0.496843243	-0.635637288	1.01E-05	0.000436966
YGL02.7858.C1	5.49349679	1.038162088	-0.294494242	-0.038257219	-0.163985713	0.036094278	-0.703585065	0.000379337	0.005386736
YGL02_GNYA1SO04IE7Y5	7.264738952	1.038091581	0.081866713	0.233851911	0.087393581	0.008068045	-0.152983443	9.67E-05	0.002075751
YGL02.13271.C1	4.770867233	1.037625239	0.51580805	0.494407567	-0.213094757	-0.537007193	-0.404866245	0.000452033	0.006081795
YGL02_GNYA1SO04JW0LW	3.045404561	1.037566083	0.195816853	0.007831663	-0.357772319	-0.488452147	-1.055136194	0.001735791	0.015881911
YGL02.16180.C1	9.866318844	1.037155622	0.216405954	0.335460118	-0.178561361	-0.518204431	-0.804057126	1.86E-07	3.53E-05
YGL02.7270.C1	9.001299184	1.037000719	0.440338708	0.229660225	-0.049063805	-0.495435377	-0.937122938	3.77E-05	0.001078925
YGL02.17736.C1	6.301197771	1.036824075	0.33016864	0.99289758	-0.385854716	-0.845911413	-1.124343946	0.003037122	0.023648645

YGL02.6791.C1	2.802326512	1.036646842	0.330014768	0.363468892	0.263582611	-0.978505646	-1.444127983	0.000622634	0.007641825
YGL02.8990.C1	8.317582135	1.036181739	-0.13930813	0.394139274	0.07481119	-0.050949485	-1.160917427	6.64E-05	0.001584142
YGL02_GNYA1SO04JHI3B	6.086860632	1.036056442	-0.179755616	0.238305606	0.261762623	0.001281869	-0.505910668	9.75E-05	0.00208519
YGL02_GNYA1SO04IJQJO	3.930115299	1.03584891	-0.13112686	0.527911398	-0.03644036	0.056666494	-0.222708453	0.004479445	0.031245212
YGL02.15228.C1	5.057869385	1.035751274	0.03897575	-0.336061271	-0.360326435	-0.100558849	-0.03012978	0.000289161	0.004458888
YGL02_GNYA1SO04IV8MP	8.579995589	1.035695476	0.233682066	1.140166296	-0.062679543	-0.46371807	-1.132654193	2.06E-05	0.00070801
YGL02.12378.C2	4.394933995	1.034973517	1.393041926	1.920996833	-0.676002742	-0.66974963	-1.048179444	5.18E-05	0.001332917
YGL02_GNYA1SO04IWBXZ	8.898438406	1.034733616	0.248846409	0.799942931	0.37640727	-0.285479039	-1.072467271	0.00010278	0.002163096
YGL02.16521.C1	5.897782178	1.034132042	-0.304672419	-0.179042621	0.353120652	-0.207771215	-0.720458851	1.42E-05	0.000547302
YGL02.12651.C1	5.634753607	1.03390835	0.548799409	-0.222130666	0.184042946	-0.43111993	-0.293471851	1.06E-05	0.000449127
YGL02.4257.C1	9.154197521	1.033873532	0.131428034	0.367365635	0.08249799	-0.136964156	-0.281364676	3.73E-08	1.53E-05
YGL02_GNYA1SO04H3DXG	5.947421804	1.03384677	-0.142465826	0.103608606	0.398920277	-0.168701371	-0.457574804	0.001975914	0.017412487
YGL02.14631.C1	8.459289435	1.033804928	0.172815353	0.41654784	-0.220542892	-0.278937094	-0.317343347	1.58E-07	3.20E-05
YGL02.22101.C1	6.696322708	1.033676907	0.116408811	0.608002756	-0.130246938	-0.164808688	-0.755624113	0.000801864	0.009170861
YGL02.10563.C1	6.140676339	1.033510637	-0.621055336	-1.386054384	-0.555799005	-0.158828998	0.558523954	0.004089881	0.029268736
YGL02_GNYA1SO04H1A7L	5.494960233	1.032978094	-0.020188195	0.437722286	0.582572752	-0.578662724	-0.940566086	0.002449494	0.020279001
YGL02.7513.C1	5.509539971	1.032761757	0.765456062	0.918027064	-0.341981167	-0.238770599	-1.182315988	0.001377434	0.013446141
YGL02.19683.C1	5.868808909	1.032423833	0.051698902	0.495295475	0.181238742	-0.609009195	-0.629031544	5.69E-06	0.000301961
YGL02.5486.C1	8.658603523	1.032338608	0.454999223	1.290567695	0.217611533	-0.374428186	-0.713494706	1.65E-08	1.03E-05
YGL02.4874.C2	4.357364582	1.032029812	0.389054186	0.624372085	0.26586132	-0.163604443	-0.513398199	0.000154438	0.002865461
YGL02.7881.C1	4.773761485	1.031976454	0.506932112	0.28749374	0.074020384	-0.620991338	-0.62268903	0.00104358	0.011048175
YGL02.3361.C1	6.500346257	1.03196478	-0.311291375	0.038865576	0.263261919	-0.24030683	-0.639446525	2.29E-05	0.000761605
YGL02_GNYA1SO04JY3YX	6.966216556	1.031889791	0.73371122	1.168821062	0.14207399	-0.472862566	-0.767822097	4.77E-05	0.00126229
YGL02_GNYA1SO04H8YHH	4.670428222	1.031859513	0.314843421	0.864357429	0.313387558	-0.269658291	-0.953443329	0.002396887	0.019970394
YGL02_GNYA1SO04H8UWS	6.207585544	1.031833309	0.332663824	0.745473924	-0.140962513	-0.43162264	-0.531230487	0.000246711	0.003975177
YGL02.21123.C1	8.462752912	1.031829211	0.411427805	0.709539043	-0.061451322	-0.526514324	-0.82958877	9.87E-08	2.56E-05
YGL02_GNYA1SO04I4RP8	7.67712573	1.031690379	0.111773648	0.569874577	0.032780576	-0.010790175	-0.63431224	3.06E-06	0.000202133
YGL02.18705.C1	3.096045545	1.031542951	0.255258978	2.016583472	0.044814897	0.363175902	-1.504940537	0.00244354	0.020242647
YGL02.20982.C1	8.884613252	1.031266675	0.380140438	0.449215513	-0.064773676	-0.237469367	-0.343760627	9.20E-07	9.59E-05
YGL02.14294.C1	5.592213365	1.031167785	-0.172019345	0.481083519	0.129200099	-0.154498677	-0.52983227	0.000138432	0.002654684
YGL02_GNYA1SO04INEZX	4.126817764	1.031145517	0.502096802	0.876681629	0.022652564	-1.036954276	-0.564145969	0.004868669	0.033228837
YGL02.945.C1	6.027541195	1.031100884	0.34432566	0.435943519	-0.106363768	-0.575200609	-0.009549318	9.06E-06	0.000407528
YGL02.4.C30	6.068988444	1.031072067	0.098914157	0.512477274	0.209874067	-0.456558174	-1.007521374	4.36E-05	0.001188516
YGL02_GNYA1SO04H2SYP	7.316526227	1.03102127	-0.21491194	0.257288447	-0.002668067	-0.308612553	-0.675394508	0.000202373	0.003459657
YGL02.19625.C1	3.451741919	1.030876441	-0.210738411	0.320115199	0.3281274	0.068351478	0.065771378	0.000232965	0.003818794
YGL02_GNYA1SO04I5MS2	9.472352042	1.030864946	-0.170279154	0.595521524	0.103282294	-0.064906637	-1.068018624	4.81E-05	0.001270095
YGL02.3060.C1	6.131136873	1.030623307	0.443290949	0.86133557	0.025506672	-0.375813174	-0.6766667	5.51E-08	1.95E-05
YGL02_GNYA1SO04JJBEI	11.98644684	1.030618037	0.621879435	0.397302107	-0.128489821	-0.553565132	-1.060294971	6.10E-05	0.001491753
YGL02.16594.C1	6.753565786	1.030164937	1.083822968	1.122434547	-0.128359343	-0.642273093	-1.017291626	0.006721091	0.041888855
YGL02_GNYA1SO04H4Q9L	9.419472111	1.030119017	0.099415923	0.63545615	-0.276069484	-0.309048035	-0.900517514	2.20E-07	3.88E-05
YGL02_GNYA1SO04II11A	9.814513429	1.029786495	0.161160133	0.568778377	0.102257819	-0.40095966	-0.873664485	0.000885207	0.009831577
YGL02.28.C1	9.559366145	1.02962032	-0.029241114	0.503229866	0.160853639	-0.076802082	-0.39805855	1.26E-06	0.000117242
YGL02.4247.C1	6.58683307	1.029447795	0.157095243	0.122907757	0.044856848	-0.069433214	-0.10333317	8.20E-05	0.001847964
YGL02.20825.C1	7.51953496	1.029414076	0.477328485	0.99766511	-0.048182215	-0.531432005	-0.437886118	1.33E-06	0.000120129
YGL02.2967.C1	4.808671551	1.029352559	0.242211146	1.052226057	0.19300905	-0.38427287	-1.098055199	0.000147194	0.002773365
YGL02.3919.C1	5.2452731	1.029347331	-0.163389461	0.031536591	-0.120829589	0.251378413	-0.030245772	3.02E-05	0.000925563
YGL02_GNYA1SO04IB2NN	7.133084758	1.029146259	0.308010806	0.582421987	0.043891419	-0.27818639	-0.61265214	1.29E-06	0.000118523
YGL02.13649.C1	7.734337227	1.029112009	-0.235542727	0.267647049	-0.05450301	-0.316933591	-1.441415405	0.000188304	0.00328949
YGL02.1287.C1	5.616535461	1.029017114	0.507863295	0.725666523	-0.028885702	-0.575458256	-0.580732251	0.00035104	0.005107743
YGL02_GNYA1SO04JF1D5	5.493125089	1.028925897	1.533699086	-0.192313632	-0.578323825	-0.563453238	0.814073291	0.003185951	0.02446331
YGL02.23503.C1	6.037714635	1.028833353	0.055907897	0.303951594	0.056558325	-0.028123379	-0.440984463	0.000156857	0.002893944
YGL02_GNYA1SO04I5CDL	4.928833072	1.028630436	0.545766638	0.021644863	0.51711059	-0.386327177	-0.608774593	0.004182892	0.029755841
YGL02.4367.C1	8.03465874	1.02813193	0.154133441	0.516838042	-0.254163715	-0.267551499	-0.950621427	3.77E-06	0.000231853
YGL02.2447.C1	8.269015481	1.028053733	0.190226682	0.71258544	-0.052477272	-0.213820068	-1.13724416	2.35E-05	0.000774664
YGL02_GNYA1SO04IKHA1	6.019199519	1.027873732	-0.694801601	-0.478906082	-0.096563868	0.406503514	0.315288449	0.001457003	0.014011492
YGL02_GNYA1SO04JHZ9Y	13.01812796	1.027869706	0.745079403	1.382785339	0.443613977	-0.297510871	-1.013492946	9.78E-05	0.002088504
YGL02.19564.C1	6.59290643	1.027711845	0.36254975	0.909148653	-0.012650899	-0.161322455	-0.923330017	3.01E-06	0.000200146
YGL02.12344.C1	7.479381237	1.0276453	-0.745906268	-0.86507863	0.248067056	-0.029213337	-0.360633595	8.39E-06	0.000388667
YGL02_GNYA1SO04IUXVR	5.864272261	1.027631913	0.356938205	1.535517444	-0.330243994	-0.061552584	-1.176918856	0.00207284	0.017985141
YGL02.16977.C1	7.118965895	1.027602859	0.318048457	0.906135559	0.040936744	-0.197649093	-1.276454413	2.35E-06	0.000172275
YGL02.3149.C1	8.87908347	1.027402663	0.323598915	0.967175885	0.000469779	-0.401397816	-0.749171799	4.36E-07	5.94E-05
YGL02.10530.C2	4.359778374	1.027392999	0.913361176	0.702398076	0.14313388	-0.990401511	-0.624183057	0.000150338	0.002814582
YGL02_GNYA1SO04IMNYY	7.810415107	1.027304782	0.612225355	0.681014279	0.020386675	-0.552248046	-0.478254508	7.38E-08	2.17E-05
YGL02.6829.C1	7.774302966	1.027297009	0.161858381	0.875596579	-0.253234156	-0.173712954	-0.448769261	0.000800942	0.009162561
YGL02.5720.C1	7.596068318	1.027292609	-0.00293379	0.442404213	0.06070237	-0.067818974	-0.472265882	1.31E-07	2.88E-05
YGL02_GNYA1SO04H3GVO	5.330893489	1.02716059	0.395603226	0.629834294	0.574878698	-0.662421338	-1.225247494	0.001989476	0.017495096
YGL02.4068.C2	4.48607103	1.026987829	-0.439556268	0.213023924	0.077502964	-0.263478578	-1.302853636	0.004811666	0.032967256
YGL02_GNYA1SO04I2855	7.870098857	1.026896485	-0.111549229	0.4479314	-0.182264614	-0.225837604	-0.849588443	0.000105096	0.002194759
YGL02_GNYA1SO04I8MCZ	6.915408375	1.026797389	-0.286727665	0.232794412	0.099681757	-0.190762155	-0.531520153	1.85E-07	3.51E-05
YGL02.329.C15	3.899124295	1.026136061	0.293753165	-0.239160708	0.160002445	-0.221117574	0.290119449	0.002441864	0.020232644
YGL02_GNYA1SO04JQ8Z4	8.820165103	1.025996753	0.420074512	0.565148769	-0.208733441	-0.359944705	-0.556726454	7.11E-06	0.000348284
YGL02.19483.C1	5.278007169	1.025947709	0.466012235	0.260727467	0.031431986	-0.453385541	-0.226534927	0.000708188	0.008384424
YGL02.6246.C1	5.881502715	1.025907962	-0.161627223	0.072296959	0.054016654	0.150436234	-0.677894071	4.21E-05	0.001159971
YGL02_GNYA1SO04H49RH	6.094394109	1.025820675	-0.220909533	0.169136405	-0.302633298	-0.331653245	-0.502168937	0.005927856	0.038323243
YGL02_GNYA1SO04JVPL1	8.664632639	1.025794762	0.283424576	0.249425902	0.226617118	-0.307097995	-0.934445789	8.84E-06	0.000401247
YGL02.12761.C1	3.997504776	1.025673324	0.478961886	0.944338478	0.189036788	-0.481831187	-1.138166294	0.00052914	0.006797864
YGL02_GNYA1SO04JX61V	6.14630985	1.025345248	0.201430252	-0.171108276	0.417338898	-0.372655195	-0.508336867	0.003117953	0.024103395
YGL02_GNYA1SO04I2XGU	7.809280087	1.024938119	0.343114237	0.641224777	-0.186059071	-0.30299168	-0.993069343	0.000467881	0.006232206
YGL02_GNYA1SO04I6XJM	7.563443174	1.024708037	0.051817792	0.612498295	-0.331603429	-0.307642274	-0.711217818	2.33E-05	0.000771263
YGL02_GNYA1SO04JHMAP	6.807882079	1.024577271	-0.446879523	0.600614563	0.380825479	-0.441357504	-0.840319649	0.000485297	0.006392944
YGL02_GNYA1SO04IL14H	7.29104442	1.024346985	0.489917225	0.805686647	0.293141813	-0.780878141	-1.123124086	8.03E-05	0.001817519
YGL02.7920.C1	8.479419241	1.024081048	0.220017066	0.656997729	0.155281486	-0.200019343	-0.574194636	0.000115363	0.002339063
YGL02.4.C38	8.492753854	1.023988479	0.280230974	0.152481583	0.115729197	-0.133023228	-0.638784578	5.36E-05	0.001365603
YGL02.17891.C1	7.080929377	1.023850004	0.113451758	0.59649196	-0.506566796	-0.044757389	-1.178390326	0.003300534	0.025086932
YGL02.6258.C1	6.033933271	1.023466107	0.143649702	0.778471233	-0.052779423	-0.451051358	-1.27586758	0.000401645	0.005610805
YGL02.16384.C1	5.006301767	1.023151178	0.783904899	-0.132944305	-0.27545689	-0.361629627	-0.231218701	0.001652548	0.015316923
YGL02_GNYA1SO04JYNHQ	6.644594578	1.023112687	-0.046042975	0.249767394	0.023451226	-0.070133591	-1.125514786	0.003581968	0.026604934
YGL02_GNYA1SO04JXENU	6.617192002	1.023061759	0.233754427	0.430831627	0.229515443	-0.359068586	-0.292633787	1.72E-06	0.00014264
YGL02.19805.C1	6.192451726	1.022906204	-2.741837242	0.128693676	0.103293864	-0.20694891	-0.729377133	0.000945249	0.010306285
YGL02_GNYA1SO04H2NQU	2.998258914	1.022790462	0.014919584	-0.010080822	0.061348793	-1.143012967	-1.182076301	1.48E-05	0.000562278

YGL02.7546.C1	8.139377729	1.022572565	0.148263241	0.573744448	-0.163734787	-0.389350946	-0.668985485	5.10E-06	0.000281356
YGL02_GNYA1SO04I03YU	8.624044203	1.022463753	0.092991323	0.736516118	0.018911465	-0.009823503	-0.660081595	3.15E-07	4.87E-05
YGL02_GNYA1SO04ISE5G	6.321680822	1.02242477	-0.804754614	-0.449041659	-0.209902165	0.230489383	-0.64928283	0.002214549	0.018854651
YGL02_GNYA1SO04H83UE	7.232436703	1.0222581	-0.008284518	0.143720305	-0.168128085	-0.187380008	-0.425023843	6.66E-05	0.001588467
YGL02.23608.C1	6.811545271	1.022092399	-0.366661256	-0.110931336	0.179063789	0.143347094	-0.000526137	4.21E-05	0.001160237
YGL02.12011.C1	8.069082786	1.021990602	0.193396437	0.385678447	-0.066322319	-0.257713925	-0.489354434	3.19E-07	4.92E-05
YGL02_GNYA1SO04IQKCE	5.733653588	1.021916463	0.186166962	0.54144971	-0.272404859	-0.506860781	-1.016842909	0.000419226	0.005777069
YGL02_GNYA1SO04H4M84	6.610401005	1.021516594	-0.542793106	0.379360362	0.164305822	-0.41532063	-0.130882201	0.000240169	0.003903744
YGL02.11256.C1	5.944884272	1.021339033	-0.072582327	0.816793321	-0.145641945	-0.23868891	-0.870165664	4.77E-05	0.00126229
YGL02.5349.C1	6.581201125	1.021125862	0.115812351	0.433022863	-0.210226329	-0.088591622	-0.621960337	1.60E-05	0.000594107
YGL02_GNYA1SO04IJ0CN	5.356141201	1.020871441	-0.149085744	0.917691055	0.287266683	-0.078566608	-0.913101568	0.000916863	0.010085138
YGL02_GNYA1SO04JF5ZU	6.341890681	1.020744108	-0.058720251	0.533706749	-0.26173716	-0.224012088	-0.907233571	0.000533527	0.006836592
YGL02.8194.C1	4.551289976	1.020690467	-0.002447338	0.769433198	0.212909972	-0.093558834	-0.75792472	0.002473669	0.020430813
YGL02_GNYA1SO04JYHIT	5.52282859	1.020587448	-0.603093637	-0.250077479	-0.128146213	-0.597184473	-0.786330277	0.001686645	0.015552325
YGL02.4640.C1	6.394669015	1.020407	-0.012519609	0.765138818	0.041727169	-0.307431111	-0.845649383	7.88E-05	0.00179454
YGL02.1208.C1	8.806100206	1.020385332	-0.148991488	0.182619483	0.099678017	-0.039274666	-0.563068391	1.61E-05	0.000595133
YGL02_GNYA1SO04IBIHV	5.881723671	1.019669492	0.135446069	0.383929088	0.078204086	0.035887963	-0.456718182	0.00773805	0.046411029
YGL02.1696.C1	9.275739179	1.019532203	0.448995196	0.949642525	-0.119000627	-0.295868499	-0.663445727	2.03E-07	3.71E-05
YGL02.22774.C1	4.255568319	1.019410255	0.220148118	1.022093614	0.555447943	-0.33981695	-0.631150803	0.000761795	0.008845228
YGL02.277.C3	7.929162363	1.019351318	0.289262181	0.579643394	-0.085027282	-0.037431759	-0.266070512	1.15E-05	0.000472785
YGL02.18659.C1	5.744186392	1.019321798	-0.32645723	0.671759039	-0.206051663	-0.090236838	-0.726719136	0.000206038	0.003496913
YGL02_GNYA1SO04IQWF4	6.471297556	1.019149327	0.731570096	1.290931748	-0.481546107	-0.143706627	-1.0474792	0.008223822	0.048441665
YGL02_GNYA1SO04IJB9M	5.789232733	1.018985155	-0.230921203	0.819592357	0.321750631	0.096648281	-1.032614419	6.24E-06	0.000319508
YGL02_GNYA1SO04I3XMT	6.137258409	1.018652609	0.254116037	0.310416302	-0.045814404	-0.277070466	-0.578982012	0.000440973	0.005971457
YGL02.23521.C1	6.568829776	1.018369922	0.241787837	0.739220465	-0.040271152	-0.547808896	-0.620384216	3.21E-06	0.000208983
YGL02_GNYA1SO04JKNVA	7.498621242	1.018279144	-0.069244703	0.045954438	-0.099312654	-0.162549487	0.174521879	0.006441547	0.040649395
YGL02_GNYA1SO04IRS0C	7.246928145	1.018268928	0.334259769	0.489310525	-0.182831058	-0.321126604	-0.502267817	2.87E-06	0.00019457
YGL02.4696.C2	7.720769378	1.018249356	0.17362351	0.467492788	-0.143232708	-0.416618332	-1.016940089	7.50E-07	8.37E-05
YGL02.13652.C1	6.529685178	1.01798317	0.594611154	1.732459186	-0.246542715	-0.165484371	-1.027514741	3.20E-05	0.000963255
YGL02.15134.C1	6.465420549	1.017900012	0.545267451	1.198666902	0.07297359	-0.493335288	-1.236086193	0.000136215	0.002625709
YGL02_GNYA1SO04IEFRM	7.423690171	1.017422237	0.466959714	0.525349628	-0.133240942	-0.291940158	-0.767971885	0.00011509	0.002336254
YGL02_GNYA1SO04IKT88	11.67840624	1.01727551	-0.432244184	-0.246166533	0.090405608	-0.189074476	-0.785233219	0.00017906	0.003167317
YGL02.2034.C1	4.691856133	1.017270623	0.46987155	0.24551552	0.185087862	-1.012111447	-0.965637215	0.000581891	0.007275637
YGL02.20107.C1	7.65674622	1.016632803	0.032163992	0.283832015	0.173346572	-0.580749288	-1.117279401	1.64E-05	0.000602889
YGL02_GNYA1SO04I4HH3	4.899652396	1.016533923	-0.987492176	-0.731622409	0.072230036	0.502799762	0.011300234	0.002529615	0.0207539
YGL02.3550.C2	8.811587095	1.016482148	0.195563997	0.413687201	0.070701449	-0.16839337	-0.685814252	1.30E-05	0.000511429
YGL02.16811.C1	6.727756346	1.01620009	0.481293819	0.682452347	-0.079541754	-0.909827518	-0.836609395	0.000139309	0.002667487
YGL02.5874.C1	7.582532152	1.016195367	0.212601729	0.772508766	0.873349178	-0.302518852	-0.877474231	9.63E-07	9.85E-05
YGL02.19583.C1	4.387572433	1.016194398	-0.138863508	0.299963289	0.020234776	-0.035862069	-0.398252096	0.003195522	0.024519351
YGL02.20769.C1	5.503744819	1.015346303	-0.013793851	0.147482136	-0.423239435	-0.548155106	-1.419863528	0.002158087	0.018513633
YGL02.20100.C1	7.133550608	1.015277855	0.02131162	0.003677596	0.046140331	-0.321694769	-0.670500382	1.15E-05	0.000474198
YGL02.2266.C1	3.032256368	1.015154667	-0.062595133	-0.070922533	-0.15312244	-0.764610469	-0.764821466	6.14E-06	0.000316449
YGL02_GNYA1SO04IAPZJ	5.798514714	1.01491538	0.529331502	1.475477067	0.28749931	-0.107620665	-1.010360066	0.005819372	0.037825426
YGL02.11671.C1	8.734073079	1.014614751	0.648549953	0.977913201	0.073376004	-0.180565691	-0.578583947	9.13E-06	0.000410187
YGL02.15179.C1	3.005151068	1.014329412	0.059152725	-0.013021309	-0.116097315	-0.296927468	-0.229068498	0.000140554	0.002684183
YGL02.393.C1	8.777115813	1.014260974	-0.281598449	0.190131863	-0.009080975	-0.617816993	-1.020012619	2.33E-07	4.03E-05
YGL02.18008.C1	7.848059997	1.014007443	0.081152562	0.222148377	-0.112408104	-0.224946752	-0.31139086	4.96E-05	0.001297261
YGL02.21064.C1	7.182850354	1.013985553	-0.023329724	0.568145917	0.003560403	-0.167526224	-0.535078701	0.000239378	0.003894826
YGL02.2377.C1	9.760650156	1.013752447	0.112872705	0.660225026	0.252617641	-0.24383468	-0.625799031	8.49E-08	2.35E-05
YGL02_GNYA1SO04IS9EL	7.931483249	1.013652157	0.062915789	1.250238145	0.135798955	-0.377343935	-0.823642483	2.37E-05	0.000777088
YGL02_GNYA1SO04J1HB0	6.405982655	1.013628986	0.254953211	0.585537979	0.005011326	-0.034459586	-0.665684999	0.006909905	0.042687604
YGL02.592.C1	7.559632925	1.013615405	0.190743256	0.181492129	0.286588915	-0.529106155	-0.657345447	4.27E-06	0.000250618
YGL02.1109.C1	5.334687396	1.013608278	0.220108317	0.352761488	-0.155056946	-0.39615039	-0.341330888	0.000174512	0.003119683
YGL02_GNYA1SO04IATC6	6.142270893	1.012757107	0.970792683	0.712275552	-0.475436958	-0.78766178	-0.841282285	0.00023226	0.003811087
YGL02.15501.C1	9.424145991	1.012588006	0.164174007	0.293234961	-0.31595524	-0.447353686	-1.128182735	2.77E-06	0.000190012
YGL02_GNYA1SO04JU89S	9.074375459	1.012168178	0.125766519	0.694725003	0.343852636	-0.18075209	-0.996004576	0.001204592	0.012226036
YGL02_GNYA1SO04JKXTO	7.896198793	1.011956244	-0.268287798	-0.17364039	0.203133081	-0.614973513	-0.679482046	0.00021773	0.003642372
YGL02.20824.C1	4.965429934	1.011303939	0.943837538	1.072241383	0.314731151	-0.696122672	-0.626738983	3.65E-05	0.001056375
YGL02_GNYA1SO04IWB55	6.336105021	1.011009278	0.267374231	0.289048036	0.094559137	-0.29529971	-0.233806422	7.18E-07	8.17E-05
YGL02_GNYA1SO04H9EW9	5.472450837	1.010283475	0.772651426	0.644941594	-0.244240258	-0.791090618	-0.472152326	0.006632797	0.041503911
YGL02_GNYA1SO04IBH7H	6.724153699	1.010268913	0.045598297	0.56263584	0.087860775	-0.032535766	-0.501837308	2.23E-05	0.000747278
YGL02_GNYA1SO04JPI28	7.369490468	1.010154081	0.023962176	0.402404451	0.162133264	-0.204795803	-0.465009642	0.000128907	0.002526208
YGL02.1918.C1	6.063305648	1.010151914	-0.175718251	-0.117766881	0.012760054	-1.159158892	-0.970839925	0.000333285	0.004926166
YGL02.9831.C1	6.786430479	1.00992842	0.430372838	0.414666451	-0.237028603	-0.452783154	-0.574461554	1.22E-05	0.00049113
YGL02_GNYA1SO04IAP90	2.79032798	1.0096908	0.03755475	0.062293355	0.052504526	-0.822417561	-0.445376941	0.00182654	0.016471654
YGL02.16913.C1	4.239499293	1.009420591	-0.265887732	0.423972773	-0.41077151	0.297428802	-0.433225403	0.003502306	0.02617237
YGL02_GNYA1SO04JB7V4	9.720363963	1.00933023	-0.018862026	0.555362511	0.100465341	-0.154535599	-0.499945602	8.33E-08	2.33E-05
YGL02_GNYA1SO04IPMUL	5.511634807	1.008912526	1.243205355	1.982102265	-0.166585481	-0.418036313	-1.206671148	9.49E-05	0.00204904
YGL02.23059.C1	3.119112071	1.008779895	-0.236132309	-0.019035332	0.151082395	-0.723636642	-0.93015636	0.006949872	0.042867025
YGL02.19329.C1	4.319188364	1.008753012	0.170845244	0.636265726	0.018816581	-0.441851802	-0.873603569	1.88E-07	3.54E-05
YGL02_GNYA1SO04JDGOM	12.94826865	1.008661565	0.845908133	1.314735631	0.404001496	-0.31823195	-0.993710561	0.000101404	0.002145341
YGL02.10231.C1	4.719795754	1.008539751	0.445707175	0.677190242	-0.205385898	-0.158677811	-0.660373617	0.004433999	0.031022377
YGL02.20987.C1	6.395301361	1.008288755	0.051160364	-0.160657085	-0.021566516	-0.387949936	-0.399372531	0.001797496	0.016281168
YGL02.1705.C2	4.433085058	1.008073675	-0.123836912	-0.723564854	0.359703659	-0.824642406	-0.131080443	0.00492638	0.03353953
YGL02.1017.C1	6.848718218	1.007923675	0.758325278	1.454758099	-0.051210912	-0.616447658	-0.980590883	7.17E-07	8.16E-05
YGL02_GNYA1SO04IOG4H	5.734458947	1.00773252	-0.459629746	-0.145872946	-0.193419247	0.109254264	-0.291058317	0.005099575	0.034368144
YGL02.9755.C1	7.515475389	1.007681746	0.255390845	0.077036823	-0.08855372	-0.130759764	0.098624786	8.47E-05	0.001888951
YGL02_GNYA1SO04IPUFI	10.03090724	1.007675726	0.242726614	0.351244021	-0.340204277	-0.227739513	-0.550924809	5.03E-06	0.000278967
YGL02_GNYA1SO04JK8YO	2.683304684	1.007642753	-0.025624173	0.033282485	0.236611241	-0.819733599	-1.044176575	0.004279146	0.030244515
YGL02.14132.C1	7.324726072	1.007429748	0.261106786	0.826899337	0.279270406	-0.379109236	-0.579196543	3.90E-06	0.000237288
YGL02.115.C1	8.395181172	1.007246118	-0.062094724	0.879914801	-0.328183367	-0.231567822	-0.899567684	3.33E-05	0.000988416
YGL02_GNYA1SO04IX81P	6.274361863	1.007171381	0.45217531	0.385550771	0.372576314	-0.337162339	-0.518319904	5.76E-05	0.00143587
YGL02_GNYA1SO04IU616	12.25470382	1.007160347	-0.106262242	0.395129113	-0.006997246	-0.101055046	-0.819437447	2.65E-05	0.000842154
YGL02_GNYA1SO04JCGZJ	8.109525634	1.007007712	0.495025585	0.755955282	-0.155719661	0.020164067	-0.287922474	1.22E-05	0.000490815
YGL02.6004.C1	7.263345677	1.006705063	0.159001063	0.375795692	0.21900577	-0.272616295	-0.521354891	1.12E-05	0.000467388
YGL02.14501.C1	7.293616489	1.006587422	-0.232829401	0.182839585	-0.453481075	-3.28E-05	-0.900277078	3.81E-05	0.001084951
YGL02.12599.C1	9.760480958	1.006294326	0.435549514	0.906490443	0.146030666	-0.306755235	-0.905914368	2.86E-06	0.000194559
YGL02.544.C3	9.058059192	1.0062318	0.410605124	0.38602829	-0.006299407	-0.187058216	-0.347377652	9.72E-08	2.54E-05
YGL02.6881.C1	9.12251367	1.005974379	0.137505356	0.347865087	-0.00603682	-0.266864247	-0.216143789	3.00E-07	4.72E-05
YGL02.21111.C1	6.572955698	1.005930164	-0.161160591	0.243177746	-0.115939195	-0.04695893	-0.336420602	0.000178064	0.003156583

YGL02.11620.C1	6.833114777	1.005536463	0.430975815	0.691433021	-0.187744914	-0.154235386	-0.625132099	2.38E-06	0.000173425
YGL02_GNYA1SO04IID9A	5.892722205	1.005224702	0.128783275	0.267440977	-0.123183015	-0.485153627	-0.367106537	0.0001079	0.002236361
YGL02.2482.C1	8.164497492	1.005200391	0.11612923	0.133084783	-0.283350647	-0.221123664	-1.053515172	0.000298777	0.004564767
YGL02_GNYA1SO04JD9E1	6.762857142	1.005135725	0.261659588	1.009599472	-0.257315981	-0.597143632	-1.341354564	2.31E-05	0.000765787
YGL02.21772.C1	3.33655252	1.0049429	-0.083349733	0.526496038	-0.26949357	-0.304667485	-1.494017492	0.007975838	0.047395999
YGL02_GNYA1SO04JF53W	4.581192435	1.004547275	-0.282855831	-0.412733745	0.463673839	-0.147765899	0.056576631	0.002799375	0.022330475
YGL02.5966.C1	7.29785046	1.004514182	0.274182219	0.28538375	-0.041701592	-0.205384777	-0.417311148	2.12E-05	0.000722949
YGL02_GNYA1SO04J0DKO	5.864445164	1.004474064	0.662836262	1.011732458	-0.139446412	-0.468217699	-1.353658752	0.00045101	0.006072449
YGL02.9708.C1	6.638479831	1.004460525	-0.49666263	0.370145133	0.015182256	-0.147359699	-0.876484809	4.15E-06	0.000246906
YGL02.22408.C1	7.57062494	1.004123162	0.245599058	0.415017694	0.030320609	-0.395604017	-0.775250679	4.88E-06	0.000272964
YGL02.4930.C1	9.02894587	1.003514856	-0.136952554	0.048779063	-0.021502596	-0.230824745	-0.180906179	1.21E-06	0.000114781
YGL02_GNYA1SO04H5RVY	7.128324444	1.003080227	0.378021132	0.687297132	0.211086241	-0.161580697	-0.876025151	3.46E-06	0.000219546
YGL02_GNYA1SO04I9HIL	12.46608796	1.002991197	-0.249254316	0.37282844	-0.018290868	-0.10009135	-0.871460686	2.88E-06	0.000194671
YGL02.20081.C1	7.897609783	1.00283279	-0.162699636	0.145919701	-0.160058511	-0.404100514	-0.883949775	1.11E-05	0.000464343
YGL02.11410.C1	6.875859379	1.002756754	0.022161054	0.393264964	-0.381049421	-0.485026613	-0.659658344	9.58E-05	0.002061841
YGL02.8130.C1	5.427930495	1.002654017	0.417328372	0.917996326	-0.524279381	0.049831787	-0.514071183	8.82E-05	0.001946411
YGL02.4868.C1	6.260199261	1.002584623	-0.177032779	-0.020029859	0.338650228	-0.200467125	-1.404052962	0.003222058	0.024674278
YGL02.4742.C1	5.550327439	1.002290131	-0.152559663	0.490843334	0.033027746	-0.039142583	-0.783292652	0.001233425	0.012430023
YGL02.328.C1	6.962208092	1.002139653	0.353213263	0.725337729	0.252704719	-0.138597649	-0.37896227	4.47E-07	6.02E-05
YGL02.15971.C1	6.169562122	1.002131584	0.412992208	1.327372433	0.124120618	-0.713683052	-0.958587418	0.001544566	0.014619052
YGL02_GNYA1SO04JUZ6C	5.439333462	1.001987242	-0.290016567	-0.023513337	0.17565876	0.198029029	-0.961630504	0.006580771	0.041264642
YGL02_GNYA1SO04ISUDX	6.65269651	1.001876825	0.395394807	0.656345923	0.028588206	-0.506579373	-0.802109267	0.005708077	0.037338156
YGL02.3620.C2	4.740592793	1.00182088	0.11645346	0.521770158	-0.038060459	-0.370229392	-1.031230561	0.000787865	0.009055368
YGL02.16609.C1	7.120390627	1.001735083	0.040272897	-0.105855822	-0.128735752	-0.285027976	-0.420403151	1.79E-07	3.44E-05
YGL02.14321.C1	6.744771849	1.001612956	0.943024071	1.424247472	0.106127663	-0.668664664	-1.174321604	3.79E-07	5.42E-05
YGL02_GNYA1SO04H5W00	6.737880729	1.001492119	0.093179615	0.583681319	-0.08098496	-0.203037506	-0.020046904	6.02E-05	0.001478599
YGL02_GNYA1SO04JDEU7	6.341562121	1.001423161	0.442718414	-0.025550771	0.096915992	-0.254148748	-0.476543805	0.000629927	0.007708036
YGL02.8715.C1	6.407196845	1.001345055	0.395220383	0.106989928	-0.002431044	-0.250732248	-0.339492212	0.000729017	0.008571461
YGL02_GNYA1SO04IQU1Z	8.77233927	1.001309782	0.244512382	0.765932072	0.436543013	-0.35150359	-1.006176947	0.000333687	0.004928906
YGL02_GNYA1SO04IJTHC	8.517669289	1.0012654	0.352302586	0.812221769	0.235586158	-0.094655451	-0.622224427	9.47E-05	0.002045626
YGL02.2748.C1	4.934668687	1.001183217	0.524850155	0.569221804	-0.330367415	-0.440482525	-0.300263954	0.002668751	0.021551352
YGL02.5872.C1	8.622294726	1.001096747	-0.03919157	0.066805424	-0.052416989	-0.165887511	-0.446573344	8.71E-07	9.29E-05
YGL02.4952.C1	7.813211403	1.000753578	-0.233036088	0.709323718	-0.17983029	-0.206996983	-1.08634143	5.14E-05	0.001325329
YGL02_GNYA1SO04JFLI2	4.787158222	1.000595184	0.546364615	0.336395301	-0.363870576	-0.585250623	-0.560424055	0.00358399	0.026615676
YGL02.2657.C1	3.347841215	1.000551663	-0.175542797	-0.27147376	0.808272512	-0.816780991	0.109380021	0.00650448	0.040914462
YGL02.2259.C1	8.141499964	1.000386364	0.196458997	0.319671721	-0.208531085	-0.132143476	0.001697583	1.26E-08	9.10E-06
YGL02.2873.C3	13.31828754	1.000375238	-0.031411179	0.114710703	0.207910404	-0.335761209	-0.647743963	9.61E-07	9.84E-05
YGL02.21381.C1	6.723571339	1.000266504	0.275994961	0.391688098	-0.02244351	-0.272766283	-0.588833829	6.14E-06	0.000316449
YGL02.1293.C1	2.955281873	1.000094404	0.327151076	0.29982026	-0.078753787	-0.82385272	-0.116167029	0.004445633	0.031081944
YGL02_GNYA1SO04J0BPK	3.29114911	1.000082151	0.313277201	0.418335767	0.845933819	-0.289142193	-0.344251745	9.73E-05	0.002083884
YGL02.19395.C1	7.015622659	0.999852757	-0.337704167	-0.253127687	0.044629625	0.290303387	0.111874144	0.000303398	0.004616302
YGL02.15285.C1	6.122302684	0.999585507	-0.945712407	0.311338821	-0.462221547	0.792038798	-0.391136662	0.000824918	0.009358302
YGL02.2468.C1	6.385278503	0.999540919	0.379324279	0.419359609	-0.129433938	-0.69790406	-0.882011	9.13E-05	0.001995612
YGL02.20577.C1	6.641013247	0.999526051	0.361930376	0.61224269	0.067418619	-0.301557574	-0.77209621	7.04E-08	2.12E-05
YGL02.4496.C1	9.092903586	0.999446362	0.083644344	0.377739047	-0.125218386	-0.099608384	-0.552041485	5.68E-07	6.99E-05
YGL02_GNYA1SO04IMFAQ	4.905757119	0.999260562	-0.710801567	-0.997579044	0.374469666	-0.02297397	0.002215783	0.002479303	0.020463252
YGL02_GNYA1SO04IMJID	7.453204055	0.998686157	-0.031287445	-0.503303434	0.297396191	0.001264482	0.380802222	0.004940551	0.033621869
YGL02_GNYA1SO04JXSJ6	6.789257694	0.998574007	0.136226268	0.500988567	-0.096664863	0.02064711	-0.717193237	9.04E-05	0.001979914
YGL02.14373.C1	2.319916472	0.998545918	0.697717301	0.86237344	1.292800922	0.144419143	-0.800351273	0.008556635	0.049787271
YGL02.2095.C2	7.417140933	0.998271569	0.274102053	0.792839644	0.040320256	-0.165081236	-0.793687865	0.000892195	0.009893583
YGL02_GNYA1SO04I2IVL	6.632195213	0.997834195	0.335229901	0.809923919	-0.013777007	-0.433224503	-0.62083331	1.93E-06	0.000152314
YGL02_GNYA1SO04IJQWQ	5.618730076	0.997724509	0.185186961	1.051636701	-0.270665688	-0.436543636	-1.058235872	0.00172848	0.015831703
YGL02.14826.C1	7.740135205	0.997688485	-0.058025878	0.957432628	-0.063959154	-0.111297786	-1.11101184	0.000368843	0.00528191
YGL02.5223.C1	10.23924114	0.997437311	0.216793107	0.482865685	-0.007803243	-0.260714116	-0.367408924	1.94E-08	1.13E-05
YGL02.2457.C1	5.929802897	0.997227275	0.802570753	1.749127755	0.170507949	-0.512600814	-0.688908406	3.85E-05	0.00109577
YGL02.20220.C1	6.92859627	0.997215489	0.755211771	0.617700548	0.211841533	-0.622871793	-1.098141439	7.97E-05	0.001808404
YGL02.18921.C1	4.224856276	0.997026052	0.425956929	0.586652722	0.323342892	-0.885551772	-0.966638575	0.002651039	0.0214538
YGL02.21960.C1	8.014773038	0.996999666	0.338146514	0.903634765	-0.146730716	-0.236096109	-0.879396124	1.21E-05	0.000487265
YGL02.4346.C1	6.411817584	0.996988756	-0.165558148	1.052406479	-0.482048373	-0.113245049	-0.863043266	1.18E-06	0.000112392
YGL02_GNYA1SO04I5S2H	3.734090733	0.99679429	1.498965682	1.487744452	-0.118979231	-0.627387174	-1.144415199	0.002324936	0.019533558
YGL02.23117.C1	5.838597181	0.996774481	-0.088359904	0.476489379	0.09462754	-0.361423235	-0.637931055	0.000270391	0.004248362
YGL02.9028.C1	8.270245022	0.996704084	0.330952107	0.742736131	0.072468084	-0.354939456	-0.856015552	1.78E-05	0.000639645
YGL02_GNYA1SO04JCWMO	9.872983583	0.99666262	0.050195952	0.145889095	-0.062739158	-0.090058714	-1.044408057	0.000136538	0.002629985
YGL02_GNYA1SO04IJAU3	6.178952605	0.996566206	0.752990301	0.772450083	-0.398197858	-0.67407385	-0.555406564	0.003827305	0.027870867
YGL02.5698.C1	4.933386099	0.996510143	0.060389713	1.134581048	-0.268072799	-0.207557717	-1.115028879	0.000190307	0.003313245
YGL02.17945.C1	3.363025115	0.996467001	-0.033485021	0.198311219	0.331762998	-0.336399461	-1.02923498	0.002927231	0.023033971
YGL02_GNYA1SO04IH4LJ	2.967357433	0.99637219	0.460276689	2.373111189	-0.208540456	0.61799602	-0.585577252	0.008076454	0.047831479
YGL02.11184.C1	7.225571914	0.996345724	0.456620079	0.63275169	-0.21871502	-0.412603683	-1.021783607	1.07E-05	0.000453175
YGL02.3345.C1	8.274731525	0.995847324	0.288119195	0.733559893	0.023136764	-0.345940568	-0.692560336	8.64E-08	2.39E-05
YGL02_GNYA1SO04IJ3OU	12.19769781	0.995623165	-0.042013538	1.008532142	0.075839601	-0.120942755	-0.608663619	7.22E-05	0.001686586
YGL02.11337.C1	7.576649432	0.995181861	1.509815062	0.610617168	-0.091229206	-0.838430774	-1.158456725	2.70E-05	0.00085296
YGL02_GNYA1SO04JMZS3	6.861658172	0.995028502	0.066152767	0.296791919	0.350359246	-0.108547055	-0.443793515	7.78E-06	0.000369122
YGL02_GNYA1SO04JQPC6	6.058614618	0.99470582	-0.395401271	-0.405839868	-0.237916187	-0.07058642	-0.589164474	0.003620401	0.026802765
YGL02_GNYA1SO04JYCLE	8.230852206	0.994660394	0.10580912	0.609620443	-0.359699389	-0.234506347	-0.930877898	7.83E-05	0.001788429
YGL02.10077.C1	4.842397922	0.994653858	0.088056555	0.059739183	1.008633095	-0.166963848	-0.369827065	0.000115121	0.002336282
YGL02.1411.C6	6.284630146	0.99465331	0.442696581	0.411921236	0.090312511	-0.502697367	-0.181610665	0.000139915	0.002675552
YGL02.21119.C1	4.320036362	0.994409892	-0.045578996	1.203543031	0.040208565	0.186436472	-0.848309129	0.004651463	0.032130377
YGL02.19512.C1	8.662321478	0.994311603	-0.070209291	0.357153962	0.086462182	-0.121641693	-0.310729921	7.67E-07	8.51E-05
YGL02_GNYA1SO04IG1JJ	5.75677754	0.994150756	-0.351232408	0.375043036	0.147560619	0.162737632	-0.608985151	0.005499182	0.03631659
YGL02_GNYA1SO04JUA9B	7.354637955	0.99391738	0.535509317	0.595270509	-0.182711309	-0.053751923	-0.77987532	0.000273667	0.004285965
YGL02_GNYA1SO04IY4OY	5.28691903	0.993864861	-0.193571468	0.243763832	-0.05439271	-0.254546755	-0.224332691	0.005235907	0.035065229
YGL02.3774.C1	9.142461064	0.993436154	-1.004998954	-0.487072311	-0.199444009	0.336621553	-0.821113153	0.000285062	0.004413543
YGL02.22107.C1	4.679576192	0.993422267	-0.148078863	0.019182787	-0.009241709	-0.178955107	-0.36878594	0.002414132	0.020069983
YGL02.4330.C2	7.334010639	0.99288352	-0.579257158	0.660067278	-0.230211054	0.533109182	-1.222256828	0.003430501	0.025771107
YGL02_GNYA1SO04IDLIR	5.347671032	0.992798149	0.369022003	1.627648333	-0.257681575	0.174210558	-0.455989638	0.002524889	0.020725634
YGL02_GNYA1SO04IIDUL	6.567777392	0.99244858	0.382688658	0.401278145	-0.245013839	-0.46518441	-0.54634524	3.55E-05	0.001035519
YGL02.16689.C1	6.243839406	0.992421898	0.377065153	0.482450423	-0.27614572	-0.340405852	-0.461518211	1.53E-05	0.000576398
YGL02.14929.C1	4.354894389	0.992296031	-0.390512089	0.836922409	0.016390545	-0.104139853	-1.17242111	0.00165015	0.01530737
YGL02.22307.C1	3.287852191	0.992178774	0.720893913	0.311822935	-0.438955211	-0.810667221	-0.970321992	0.007271368	0.044349394
YGL02.8479.C1	5.825254875	0.992121549	-1.275426674	-0.459070069	0.410934959	-0.460339246	-1.022747882	0.00121761	0.012317618

YGL02.14771.C1	4.52138097	0.992010244	0.057783342	0.190817482	0.147277804	-0.579160061	-0.426994616	0.001022588	0.010877516
YGL02.22781.C1	5.559404674	0.991985019	0.768424685	1.050871176	-0.409067152	-1.07773008	-1.217615466	0.000479446	0.006338553
YGL02.18637.C1	5.59487954	0.991816324	0.296976752	0.103237182	-0.185377337	-0.474291027	-0.637364145	6.74E-06	0.000336811
YGL02_GNYA1SO04H85QS	5.990372112	0.991702243	-0.411563319	-0.223745927	0.247661533	0.148910709	-0.582774267	0.005604284	0.036832241
YGL02.1550.C1	5.570293495	0.991568851	0.675912641	0.717978877	0.247467842	-0.435561166	-0.985522904	0.000306681	0.004652049
YGL02.9139.C1	5.822060761	0.991031745	-0.103371375	-0.538538927	0.094022232	0.085167658	-0.090329592	0.001383087	0.013485935
YGL02_GNYA1SO04ILOF0	5.528451506	0.990995624	0.594475921	0.847934534	0.243365166	-0.24120274	-0.613159007	0.000620147	0.007618606
YGL02_GNYA1SO04H6NHH	2.839208037	0.990887415	0.56963646	0.277818189	0.207732111	0.045747368	0.103221468	0.005602959	0.036827276
YGL02.21535.C1	4.780901387	0.990720387	0.982017834	1.260612992	0.01613869	-0.508028358	-0.94306894	0.001579292	0.014844662
YGL02.10021.C1	8.58852199	0.990355661	0.070205508	0.70972535	-0.030104446	-0.179683421	-0.817580404	4.07E-07	5.68E-05
YGL02_GNYA1SO04IY0HM	6.645642149	0.990319604	-0.319627432	-0.109991365	-0.208578313	-0.359692577	-0.821489016	8.26E-05	0.001858377
YGL02_GNYA1SO04JMPVS	8.018792894	0.990290206	0.427866612	0.62553442	-0.367194285	-0.220536745	-0.588257992	4.89E-05	0.001283708
YGL02.805.C1	5.682091069	0.990173428	0.172847788	0.077383382	-0.170163361	-0.021535311	-0.203354097	7.37E-05	0.001709029
YGL02.2709.C1	6.670258631	0.989955473	0.119646922	0.788545858	0.030372422	-0.060906961	-0.815688946	2.42E-06	0.000175615
YGL02_GNYA1SO04JA6C8	6.457277717	0.989917044	0.120655545	0.40536669	-0.51203773	-0.355136486	-0.457406592	5.35E-05	0.001362294
YGL02_GNYA1SO04I127O	6.569634761	0.989643938	0.040723079	0.292802729	0.168922237	-0.047528513	-0.643330305	1.07E-06	0.000105514
YGL02.5851.C1	4.24514372	0.989573583	0.547607988	0.233060642	-0.546580288	-1.331812247	-0.761486286	0.005931423	0.03834014
YGL02_GNYA1SO04JMEJR	4.905288943	0.989572562	0.683908227	1.065714061	-0.160231171	-1.021686003	-1.054149222	0.002609935	0.021213961
YGL02.20291.C2	2.928323927	0.989420528	0.168775406	0.638015727	-0.017491673	-0.306803079	-0.466365901	3.33E-05	0.000988416
YGL02.8343.C1	6.763972738	0.989334706	0.151715588	0.543372833	0.065774163	0.085294259	-0.70982098	6.11E-06	0.000315554
YGL02.4475.C1	6.021839202	0.989207236	0.511642042	0.653661028	0.329448588	-0.456950442	-1.294672655	0.000470408	0.006256223
YGL02.17638.C1	4.938377067	0.989010396	-0.456745396	-0.923834986	-0.146805874	0.244484479	0.536250202	0.000351927	0.005115934
YGL02.9738.C1	5.575574831	0.988846896	1.038393633	1.665142421	-0.088188843	-0.452081722	-0.957331411	0.002375005	0.01983733
YGL02.10452.C1	6.463833568	0.98861816	0.235182517	-0.502655605	-0.105670214	-0.295791131	0.061848755	1.21E-05	0.000488749
YGL02_GNYA1SO04INUFG	7.54125157	0.988444744	0.061800781	0.570117499	0.16016122	0.132523756	-1.030932039	1.80E-06	0.000146196
YGL02.6122.C1	8.438330168	0.988430254	0.530237715	0.838250287	-0.067332219	-0.378097613	-0.562604081	8.05E-08	2.29E-05
YGL02_GNYA1SO04ICLU3	6.226566086	0.988208943	-0.07818695	0.787625146	-0.062058449	0.159179765	-0.484955982	0.000186047	0.003257971
YGL02.14023.C1	4.993381199	0.988176627	0.227540253	-0.110741889	0.330446154	-0.509605769	-0.113275234	0.003103504	0.024022531
YGL02.3479.C1	6.613789395	0.988059394	0.010833899	0.099517864	0.06074353	-0.106307866	-0.115851982	0.000189133	0.003299425
YGL02.6030.C5	6.59556591	0.987967481	-0.031580286	0.503199044	0.062880428	-0.153215007	-0.404615761	2.12E-06	0.000161528
YGL02_GNYA1SO04IMDD7	5.571062142	0.98788675	0.005121919	0.138017781	0.169963244	-0.039396134	-0.222936	0.000386645	0.005460757
YGL02.5445.C1	9.195871535	0.987683742	0.152812544	0.615690492	0.094490108	-0.206572339	-1.058519535	0.000295331	0.004527608
YGL02.18587.C1	7.243125524	0.987611667	0.339181223	0.353279291	-0.075014935	-0.179833104	-0.634657942	4.97E-07	6.45E-05
YGL02.115.C2	10.97337135	0.987097739	-0.271773346	0.731656666	-0.276019516	-0.173991509	-0.640547887	1.19E-05	0.000483772
YGL02_GNYA1SO04IQSQ7	4.917303005	0.986967458	0.267535287	0.328430975	-0.205478432	-0.144323537	-0.186669579	0.002561942	0.020931602
YGL02.16391.C1	6.23019259	0.986905031	0.366260973	0.256561189	0.260732913	-0.049622715	-0.249107147	2.65E-05	0.000841518
YGL02_GNYA1SO04IXII7	7.073351425	0.986846944	0.220931116	0.527380576	0.045236013	-0.560020209	-0.531270505	8.35E-05	0.001870363
YGL02_GNYA1SO04IQ5AF	8.015341906	0.986676945	-0.412423369	-0.26437654	0.214151956	-0.492567938	-0.547193896	2.15E-05	0.000727711
YGL02.5965.C1	5.510938662	0.986361729	-0.076511169	0.803966223	0.153062278	-0.468403583	-1.187872958	0.006135644	0.039262251
YGL02_GNYA1SO04IRZZN	5.651451841	0.986358937	-0.778346473	0.107344837	0.126913493	-0.546901317	-0.99582742	0.00319387	0.024508128
YGL02.544.C1	8.196198328	0.985992652	0.699626515	0.605750608	-0.080413881	-0.143926636	-0.433467443	2.62E-07	4.30E-05
YGL02.2280.C1	8.30185984	0.985986508	-0.120070913	0.266782756	0.00306549	-0.116892899	-0.465601949	5.17E-06	0.000283788
YGL02.4611.C1	6.433196538	0.985788594	0.120472008	0.031851399	-0.266278815	-0.314755025	-0.888396745	6.88E-05	0.001625946
YGL02_GNYA1SO04JZTEL	6.439273345	0.985786677	0.103419319	0.412916398	0.844254888	-0.77496737	-0.593939285	0.000128056	0.002513716
YGL02.10313.C1	5.587276549	0.985513483	0.175089263	0.288884175	-0.01911399	-0.283616956	-0.920799972	0.000346414	0.005062951
YGL02_GNYA1SO04JK12V	5.173901646	0.98547865	-0.005246632	0.977387387	-0.333056187	-0.465878238	-0.857484249	0.000350357	0.005100669
YGL02_GNYA1SO04IHE6S	7.179676404	0.985470883	0.112243324	0.621944825	-0.412752837	0.130630196	-0.328042736	1.58E-05	0.000587988
YGL02_GNYA1SO04IZSII	6.180432396	0.985403161	0.351849185	0.452950669	-0.00273223	-0.389110588	-0.368029826	3.78E-05	0.00108021
YGL02.12816.C1	5.842635953	0.985326705	-0.064124592	0.747555529	-0.385621523	-0.140276789	-0.551077484	0.001801634	0.016307143
YGL02.7245.C1	6.233854894	0.984889457	-0.019422001	0.162552578	-0.387057745	-0.271336401	-0.76949965	1.22E-05	0.000491776
YGL02_GNYA1SO04JQ92N	6.010908688	0.984715289	0.365101233	0.949635094	0.575702281	-0.38615805	-0.978340089	4.79E-06	0.000269757
YGL02.5689.C1	7.078485733	0.984592702	0.440648501	0.443822265	0.200689077	-0.405464453	-0.502006896	0.000257507	0.004098647
YGL02_GNYA1SO04IQWK7	10.14773058	0.984559242	0.403269638	1.210833898	-0.015872355	-0.116574944	-0.891340005	1.59E-05	0.00059288
YGL02.4302.C1	6.778598917	0.984467785	-0.242673246	0.380562174	-0.07507732	-0.07279777	-0.358779063	6.96E-06	0.000343489
YGL02_GNYA1SO04JVXNT	5.973553395	0.984385915	-0.2884641	0.694778761	-0.036937282	-0.016491111	-1.347582677	0.002306172	0.019426332
YGL02_GNYA1SO04J0MW5	5.069687463	0.984295125	-0.514844099	0.620530885	-0.164884677	0.346514728	-0.915732938	0.0030836	0.023907049
YGL02.9483.C1	5.077846788	0.984280695	0.271876767	0.30492113	-0.064764615	-0.440740343	-0.289596924	4.97E-05	0.001298428
YGL02.5205.C1	7.436781338	0.984207863	0.120853692	0.721432118	-0.034019967	-0.270300916	-1.157929774	1.36E-05	0.000527716
YGL02.13136.C1	11.51836804	0.984159954	-0.428984006	-0.284002205	0.171690058	-0.190563655	-0.745625713	1.46E-05	0.000558891
YGL02.7362.C1	5.559046647	0.983909247	0.003127972	0.365563512	0.160038336	-0.144375006	-0.786639472	0.006074885	0.039011081
YGL02_GNYA1SO04JQNZY	6.371378667	0.983695773	0.330191634	0.467403597	-0.113432394	-0.699278535	-0.489091418	0.006714644	0.041862778
YGL02.10275.C1	5.921606536	0.983375885	0.067026295	-0.431914163	-0.123937846	0.019486779	-0.090127668	0.001091512	0.011386211
YGL02_GNYA1SO04IT6JU	6.690888257	0.983375196	0.135906838	0.524053781	0.171902361	-0.198712347	-0.641093721	4.74E-06	0.000267445
YGL02.821.C1	6.915240451	0.983062009	0.675731727	1.077294407	-0.121728714	-0.512383241	-0.850494313	1.34E-07	2.92E-05
YGL02.11364.C1	7.850120817	0.982959439	0.289411177	0.634404082	-0.253575312	-0.096023967	-0.546067815	3.43E-06	0.000218
YGL02.10684.C1	3.497445777	0.982894767	0.854151001	0.037911149	-0.469662808	-0.671329317	-0.877373369	0.007148923	0.043833804
YGL02_GNYA1SO04JKF76	5.644764316	0.982873229	0.318950735	0.29862183	0.178707674	-0.267822369	-0.286770218	0.004320562	0.030439224
YGL02.3000.C1	8.868827407	0.982733914	0.370713338	1.045637278	0.276326437	-0.292020682	-0.981463941	4.21E-06	0.000249148
YGL02_GNYA1SO04IYPHU	6.674959537	0.981971954	0.578071663	0.827458775	-0.255020798	-0.213712997	-0.550105131	0.000597916	0.007415646
YGL02.14915.C1	3.100285567	0.981394953	0.383049695	0.583578605	-0.210233962	-0.728306471	-0.667978042	0.001032309	0.010961929
YGL02.5007.C1	8.852436398	0.981383061	0.367511357	0.412391855	0.050984953	-0.390324111	-0.614577241	9.40E-07	9.71E-05
YGL02_GNYA1SO04IKBT5	3.249071026	0.981219011	0.520167947	0.321556405	-0.270609711	-1.347670119	-0.606549248	0.003266177	0.024908006
YGL02_GNYA1SO04IPQXR	2.661075947	0.981045992	0.17422024	0.126336637	0.366446229	-0.80650908	-0.953726852	0.000334745	0.004940495
YGL02.14415.C1	6.708458417	0.980873759	0.863509172	0.250988003	0.21559039	-1.07166717	-0.672807837	6.16E-05	0.001501637
YGL02_GNYA1SO04I5IWY	5.760503066	0.980801432	0.428613803	0.352747148	-0.380662995	-0.432430365	-0.385040211	0.001095639	0.011417307
YGL02.5679.C1	8.83546965	0.98074199	-0.255339712	0.223379268	-0.055235691	-0.174782301	-0.473903641	7.13E-07	8.13E-05
YGL02_GNYA1SO04IGA7N	7.824951788	0.980678828	0.128926085	0.23373134	-0.165901555	-0.217342868	-0.477270669	0.000216305	0.003626016
YGL02.1688.C1	11.04967647	0.980678805	-0.04810328	0.270099514	0.06414008	-0.216294538	-1.094365518	1.02E-05	0.000437595
YGL02_GNYA1SO04I4YL8	6.511198412	0.980623484	0.147782655	0.714215089	0.019750214	-0.630326389	-1.085255644	0.000688294	0.008210441
YGL02.2329.C1	6.551821027	0.980549097	0.054796441	0.819822391	0.117385776	-0.079804089	-0.885196429	4.45E-05	0.001208186
YGL02.7471.C1	5.932383589	0.980443597	0.118561978	-0.3426769	-0.060377554	-0.190006219	-0.33565594	6.61E-07	7.75E-05
YGL02.13732.C1	8.238321116	0.980412276	0.104124387	1.339766702	0.021415813	0.068696342	-1.041385594	2.94E-06	0.000197507
YGL02.2509.C1	6.662863675	0.979765217	0.005618648	0.099001117	-0.230380839	-0.347436316	-0.902534262	0.000267164	0.004212181
YGL02_GNYA1SO04ISNVW	3.892187316	0.979058231	0.951784021	0.861470504	-0.152177894	-0.452051807	-0.14805824	0.001863168	0.016695634
YGL02.11777.C1	3.07780127	0.978882827	-0.208996563	-0.16827886	0.027526394	-1.012381235	-1.001536667	0.00259981	0.021156901
YGL02.5060.C1	7.719311958	0.978775123	0.018136753	0.392707621	0.374910086	-0.080361069	-0.340793293	8.18E-06	0.00038226
YGL02_GNYA1SO04JK9CJ	7.245319064	0.978582634	-0.078527285	0.229341539	0.22368878	0.030034275	-0.3237447	0.000325885	0.004847394
YGL02.18414.C1	2.677525056	0.978540378	0.349114297	1.501242808	0.320659404	-0.9353011	-0.109938241	0.000193935	0.003357053
YGL02.4978.C1	5.542668019	0.978420241	0.7492745	0.954311396	0.149373505	-0.44203435	-1.14739093	0.000398776	0.00558277
YGL02.19450.C1	5.788820054	0.978185805	0.461015143	1.151623247	-0.176865206	-0.049082236	-0.740910311	5.54E-05	0.001398468

YGL02.14056.C1	5.528132461	0.978118347	0.66106761	0.631838607	0.299121173	-0.510063481	-0.322934578	6.79E-06	0.000338175
YGL02_GNYA1SO04ITKCO	4.973990067	0.977784884	0.954889262	0.06975181	0.360051158	-0.397942258	0.143410407	0.002941537	0.023094615
YGL02.7144.C1	7.042672972	0.977707239	-0.744957835	0.361774857	0.153246156	0.024087138	-0.583278722	3.29E-05	0.000980317
YGL02.7471.C2	5.597124546	0.97730285	-0.195522007	-0.186678051	-0.112236751	-0.045030953	-0.512735445	0.000130579	0.002551243
YGL02.15620.C1	4.216361178	0.977179461	-0.318760533	0.416815531	0.088948653	0.220138842	-0.031614138	0.000451474	0.006076846
YGL02.12998.C1	4.875715543	0.977156421	0.435026627	-0.060823678	0.571301495	-0.596069986	-0.310370621	0.001857962	0.016659882
YGL02.12165.C1	5.907107263	0.976978076	0.11344562	-0.061834526	0.012198625	-0.417030186	-0.896107827	4.17E-06	0.000247729
YGL02.1018.C1	7.613818142	0.97694664	0.3012808	0.548134875	-0.013861512	-0.172338547	-0.375596543	2.32E-08	1.23E-05
YGL02_GNYA1SO04H86E8	9.890741387	0.976609905	0.135229264	0.215478968	2.006972474	-0.684216312	-1.034167513	0.002084522	0.018054708
YGL02_GNYA1SO04JA63X	7.104898384	0.976529872	-0.190160904	0.067333355	0.007111184	-0.075884843	-0.348036135	0.000706042	0.008363606
YGL02_GNYA1SO04JTRVL	7.710910569	0.976072196	0.224746119	0.948013857	0.078131189	-0.260661295	-1.217618476	2.52E-06	0.000179641
YGL02_GNYA1SO04IUN58	5.986249197	0.975834704	0.59152646	1.109560218	-0.530941053	-1.402520285	-1.517451918	0.002205752	0.018808197
YGL02.6272.C3	7.110253876	0.975482303	-0.239797019	0.405873692	-0.115261333	-0.238916059	-0.61677692	4.16E-05	0.001151771
YGL02_GNYA1SO04JKCND	7.20750654	0.975426961	0.031066925	0.194449718	-0.250416995	-0.069615626	-0.507398216	0.001278507	0.012746468
YGL02_GNYA1SO04H34FD	6.503991679	0.975238113	-0.402592329	-0.520085466	0.57871171	-0.515211955	-0.384175968	0.00217532	0.018625733
YGL02.17264.C1	5.877918383	0.975230498	0.505286979	1.279141334	-0.207564344	-0.61045626	-1.554120075	0.000337236	0.004967348
YGL02.1875.C1	7.61166783	0.974965207	-0.349984695	1.089193391	0.052402669	-0.389636902	-0.885969962	0.000139051	0.002665117
YGL02.7152.C1	6.510568131	0.974537996	0.140759465	0.283796684	-0.151079302	-0.079743613	-0.492361675	0.00031544	0.004746555
YGL02.3012.C1	9.723908527	0.974363096	0.183638273	0.401509017	0.224687746	-0.240364023	-0.893757497	0.001189641	0.01212084
YGL02.11586.C1	6.858618848	0.974073087	0.248554993	0.374392541	0.129072966	-0.450380028	-0.735253099	1.19E-07	2.77E-05
YGL02.19440.C1	6.318218986	0.973871265	-0.063939167	0.27700859	0.25170036	-0.435026402	-0.622171188	0.000728197	0.008564273
YGL02.10865.C1	3.044823472	0.973843396	0.467874562	0.144791005	-0.215152441	-0.651204416	0.325315988	0.004540025	0.031551104
YGL02.6092.C1	9.200979596	0.973274484	0.356301959	0.67929957	-0.149202136	-0.269936275	-0.529618986	1.56E-08	1.01E-05
YGL02.13830.C1	8.810075744	0.972866565	-0.076718212	-0.01354441	0.312240224	-0.164125198	-0.656724014	5.36E-07	6.75E-05
YGL02.2330.C4	6.497528539	0.972816846	-0.18105268	-0.274130706	-0.249037975	-0.570614945	-0.78675882	0.000892545	0.009894927
YGL02_GNYA1SO04JMDYH	6.918655903	0.972080753	0.210001255	0.677959547	0.139605495	-0.275035293	-0.795465318	1.58E-06	0.000134531
YGL02.4287.C1	5.217427678	0.971855994	0.544547381	0.93113733	-0.14981883	-0.488480925	-0.826785931	0.001699406	0.015644373
YGL02_GNYA1SO04JFFSR	6.475924817	0.971840418	-0.032283955	1.589273345	0.175718305	-0.322843488	-0.972622711	4.42E-05	0.001200706
YGL02.16105.C1	7.928597444	0.971684373	0.495154341	0.783318773	-0.220191515	-0.065007178	-0.628081748	2.45E-06	0.000176629
YGL02.23316.C1	4.867528773	0.971622982	-0.338114467	0.731431692	0.017129626	-0.30243208	-0.87543455	0.000288209	0.00444844
YGL02_GNYA1SO04IPDAC	7.168166936	0.971454797	0.298403427	0.505187892	-0.212995665	-0.227356373	-0.808354469	0.001533897	0.014545718
YGL02_GNYA1SO04JBUSL	5.914034037	0.971291875	0.07016842	-0.033394801	0.039284985	-0.209926185	-0.045110219	0.000131971	0.002571079
YGL02_GNYA1SO04IHLAP	5.891660942	0.971067647	-0.381017237	0.49187595	-0.207750551	0.062350067	-0.880887422	0.001653431	0.015320242
YGL02.12764.C1	8.50762593	0.970838363	0.328558992	0.30682819	-0.13973581	-0.273061829	-0.46555337	4.89E-07	6.39E-05
YGL02.19579.C1	5.819370704	0.970797795	0.089336153	0.46939569	-0.430459292	-0.357954576	-0.762073969	0.002040778	0.017796387
YGL02.6246.C2	7.099615789	0.97041103	-0.091528468	0.336361113	0.107653334	-0.204090842	-1.025822717	8.03E-06	0.000377086
YGL02_GNYA1SO04IS1US	10.34385981	0.970337119	-0.132183473	0.405856112	-0.202041926	-0.106852879	-0.871243793	0.000336205	0.004956487
YGL02_GNYA1SO04IXR88	6.58951746	0.970293691	-0.525626589	-0.334922262	0.07099921	0.29570079	-0.290901834	0.002660207	0.021505154
YGL02_GNYA1SO04H7VQQ	8.338404523	0.970224794	0.277366066	0.807653078	0.382947559	-0.164092543	-0.626491337	3.24E-06	0.000210202
YGL02.13765.C1	6.572070969	0.970141605	0.164851619	-0.072624179	-0.077298167	-0.242510177	-0.461215569	4.33E-07	5.92E-05
YGL02.5694.C1	7.401972027	0.970035308	0.654806161	1.05013222	-0.460862447	-0.580074218	-0.921271467	0.000124065	0.002463764
YGL02.17504.C1	2.902375276	0.969832725	0.174381817	-0.147451304	0.11065467	-0.892050013	-0.576603118	0.002409145	0.020043623
YGL02_GNYA1SO04IXF9J	5.690660819	0.969615	0.392306034	0.086694794	-0.63792782	-0.418742237	-1.050374266	0.007872241	0.046967889
YGL02.16982.C1	6.181725134	0.969372888	0.634260578	0.939524564	0.031860445	-0.534199599	-0.978764834	3.56E-06	0.00022382
YGL02.2072.C1	5.585620446	0.969310337	0.449675155	0.164456541	-0.307844664	-0.490963204	-0.349316751	0.003133843	0.024180767
YGL02.9486.C1	7.113236643	0.969292847	-0.028371555	0.514398121	0.191702444	0.026719367	-0.597793032	0.000253019	0.004048108
YGL02.10508.C1	3.11557114	0.969280796	0.177211737	1.813191882	0.152429364	-1.147070606	-2.000479986	0.005952465	0.038433945
YGL02.20329.C1	8.573830278	0.969242812	0.038742928	0.781956465	0.109680354	-0.04487357	-0.6860596	9.07E-06	0.00040789
YGL02_GNYA1SO04H92J6	9.944641399	0.968613716	0.648956484	0.309266583	0.058822765	-0.286556265	-0.598745618	1.02E-06	0.000102039
YGL02.21210.C1	5.872063253	0.968567001	1.182074256	0.786483576	-0.384782304	-0.718305531	-1.244872278	0.000260845	0.004140715
YGL02.7475.C1	10.49430555	0.968241185	0.186551017	0.414737276	0.144059628	-0.32620823	-0.639898625	0.000155381	0.002876164
YGL02_GNYA1SO04JU8T2	5.307053955	0.968004336	0.396406126	0.813123676	0.045959929	-0.645876717	-1.015766312	0.000116943	0.00236117
YGL02_GNYA1SO04H9DMA	7.012555821	0.967492238	-0.573781035	0.790168441	-0.405918998	0.003907749	-1.340218996	0.000266546	0.004206844
YGL02.9157.C1	7.113216857	0.967362396	0.23968135	1.119504892	0.207913452	-0.184242514	-0.786429485	3.66E-05	0.001058034
YGL02.11758.C1	5.838060303	0.967323469	0.021840393	0.022096239	-0.176476703	-0.577094122	-0.71831867	9.65E-05	0.002073585
YGL02.5502.C1	8.73588291	0.967267963	0.187262855	0.39727365	0.238876549	-0.458750424	-0.666079956	6.22E-05	0.001511345
YGL02.1778.C1	6.079918621	0.967023343	0.89148993	0.76873701	0.235975699	-0.16484274	-0.850880038	0.001595517	0.014945923
YGL02.20584.C1	6.671241997	0.966941331	-0.029013909	-0.048545596	-0.315362871	-0.276252617	-0.550384075	5.62E-05	0.001411646
YGL02.21003.C1	9.205226997	0.966584849	-0.410265132	-0.108349854	-0.206508427	-0.242780493	-0.520105726	3.53E-05	0.001032352
YGL02.23577.C1	2.721023329	0.96652665	0.042672052	0.506692359	0.215127246	-0.895948444	-1.013684206	0.005737315	0.037454991
YGL02_GNYA1SO04JLNUS	7.359772961	0.966462047	0.267233975	0.958174692	-0.003565389	-0.330290054	-0.680967869	0.00075763	0.008813461
YGL02.20538.C1	5.036442673	0.966444268	-0.505871498	0.168235996	-0.866832331	0.367246794	0.233420936	0.003327732	0.025228854
YGL02.13456.C1	8.848827578	0.966311024	0.375688057	1.030556732	-0.254960754	-0.350247164	-0.865844111	5.13E-05	0.001324597
YGL02.16950.C1	4.322999397	0.966106655	0.742875719	0.75209565	0.344659197	-0.715632232	-0.699922916	0.00283892	0.022554226
YGL02.21035.C1	7.322196269	0.965915002	-0.319926218	-0.188857706	-0.078430704	-0.280455364	-0.338668711	6.85E-05	0.001621009
YGL02_GNYA1SO04I4UXH	5.541965908	0.965640491	0.432179587	0.212960573	-0.44719215	-0.439482145	0.017348573	0.008170466	0.048211859
YGL02.4334.C1	5.621554698	0.965184657	-0.091160471	0.23083454	0.098904124	-0.166220394	-0.349860084	0.005284097	0.03528121
YGL02.13905.C1	8.431333618	0.965023382	-0.557081759	-0.692941988	0.145227812	-0.17545309	-0.785110997	4.91E-05	0.001287077
YGL02_GNYA1SO04IJ4EB	7.918119033	0.964929638	-0.288444196	0.267129746	-0.157845634	-0.610187565	-1.189766439	4.47E-06	0.000258152
YGL02_GNYA1SO04I33U5	6.705785708	0.964816396	0.280105303	0.495968709	-0.048468789	-0.347231749	-0.63001355	2.28E-06	0.000168192
YGL02.15052.C1	6.836620137	0.964782652	0.490985044	0.927212794	-0.063304573	-0.031662057	-1.201914262	0.000101561	0.002146898
YGL02_GNYA1SO04IN5O9	4.545598389	0.964736658	0.884117557	0.589328898	-0.151815132	-0.934866023	-0.873241003	0.00412763	0.029472818
YGL02_GNYA1SO04IPLG8	7.460638379	0.964534069	0.225674878	0.621793433	0.063198995	-0.285427475	-0.710234268	2.63E-05	0.000839145
YGL02.5993.C2	7.344155427	0.964414712	-0.014547073	0.138637675	-0.041646511	-0.053817173	-0.480977299	7.35E-07	8.28E-05
YGL02.13688.C1	6.901848302	0.96404121	-0.015388872	0.353902918	0.219526262	0.035347461	-0.453038323	1.66E-06	0.000138793
YGL02.2772.C1	9.117027505	0.963964626	0.105677924	0.365405747	-0.112398874	-0.130064854	-0.376378199	9.69E-07	9.88E-05
YGL02.16732.C1	6.135552323	0.963671895	0.044536371	0.059245147	0.230703769	0.033006351	-1.169519096	0.000840877	0.009482517
YGL02.1660.C2	6.044247453	0.963285122	0.051888344	0.261535274	0.240878382	-0.180288015	-0.404748384	0.000375429	0.005350198
YGL02.8905.C1	4.079237597	0.963240641	-0.014194311	-0.146350135	0.011529691	0.515460967	0.064719809	0.000254457	0.004064847
YGL02.163.C1	9.979023304	0.963078502	0.025057416	0.439181178	0.218231214	-0.337032291	-0.775696661	7.19E-06	0.000350466
YGL02_GNYA1SO04JCZI9	5.071911726	0.962906066	-0.060037978	0.794551806	0.712645339	0.219007912	-0.832535732	0.001024911	0.01089507
YGL02.10325.C1	5.397460031	0.962698791	0.229484467	0.726488306	-0.019641682	-0.626640234	-0.281852646	0.007689788	0.046196529
YGL02.8753.C1	9.303918221	0.962669836	0.045352801	0.238949553	0.118484689	-0.160724769	-0.717124527	1.40E-06	0.000124939
YGL02.17677.C1	6.6156216	0.962373606	0.164068642	0.579952054	0.036775105	-0.474272462	-0.962794249	4.15E-05	0.001150136
YGL02_GNYA1SO04ILF6D	6.885089635	0.962354036	0.106627225	-0.001643264	0.122060058	-0.278353058	-0.281853734	2.88E-06	0.000194671
YGL02.3305.C1	3.30708943	0.962350709	-0.371805222	1.107965476	-0.144103871	0.074644875	0.139414475	0.00527934	0.035258553
YGL02_GNYA1SO04I4JIG	8.586534153	0.962179852	0.155939416	0.445082396	-0.242941673	-0.197467141	-0.419972504	7.91E-09	7.12E-06
YGL02_GNYA1SO04H76PG	6.357005925	0.961347291	0.171705114	0.23061485	0.161053103	-0.434376192	-0.049880895	5.70E-06	0.000302259
YGL02.15859.C1	5.99738133	0.961343672	-0.269085888	-0.012387925	-0.273298753	0.473599828	0.231772059	0.000112606	0.002304124
YGL02.12835.C1	7.230476764	0.961312039	-0.00026983	0.506966267	0.265154083	-0.251542815	-0.661881128	9.14E-06	0.000410187

YGL02_GNYA1SO04JDRGV	7.603008483	0.9612309	0.266496202	0.187251085	0.140522243	-0.487697388	-0.368306361	2.67E-06	0.000185806
YGL02.17833.C1	7.67537123	0.961071801	0.171632128	0.334433573	-0.078400328	-0.031877835	-0.380652856	2.88E-06	0.000194671
YGL02.15613.C1	7.633923744	0.960981223	0.079393744	0.655817483	-0.041600952	-0.236257828	-0.399169773	5.42E-05	0.001374346
YGL02_GNYA1SO04IMMNM	6.961093909	0.96067971	0.173034489	0.551063514	-0.244282608	-0.190561477	-1.020081384	2.75E-05	0.000862604
YGL02_GNYA1SO04IWDUW	6.58987184	0.960578831	-0.511025538	-0.090003835	-0.184776684	0.132163693	-0.472333276	0.001391498	0.0135401
YGL02.21078.C1	3.908528198	0.960543537	0.695210484	0.82563136	-0.000402024	-0.437094902	-0.678214261	0.000121778	0.002429886
YGL02_GNYA1SO04ID3HY	7.779217952	0.960482238	0.059016207	0.672247274	0.821440432	-0.156325979	-0.779653432	6.05E-06	0.000313486
YGL02.16469.C1	4.941462415	0.960043933	-0.019663599	0.151463271	-0.363339909	-0.206335964	-0.496003377	0.00301854	0.02354599
YGL02.13270.C1	3.42853877	0.959783966	0.261544433	0.759533925	1.286922053	-0.908285854	-1.031395942	0.003913591	0.028317681
YGL02.20873.C1	4.807782178	0.95950166	0.052777129	0.293098092	0.264566317	-0.296401446	-0.996729651	0.000861442	0.00964507
YGL02_GNYA1SO04IMT43	6.468382894	0.959236757	0.315355902	0.776244573	-0.370670254	-0.282607357	-0.439092435	0.00091067	0.01003828
YGL02.2400.C1	7.06643622	0.959132656	-0.231973302	0.360722968	0.091528468	0.077743859	-0.291178888	5.01E-07	6.46E-05
YGL02.12162.C1	4.897867374	0.959116402	0.328765652	0.232131737	0.227410408	-0.594441849	-0.867112661	0.000213968	0.003597522
YGL02.16576.C1	7.129566176	0.959063767	0.025591596	0.718420461	-0.028479447	-0.226997806	-0.239976695	2.24E-05	0.000751257
YGL02.22373.C1	6.789861838	0.958795239	-0.019942271	0.308426516	0.228609434	-0.56227058	-0.747146111	0.003793669	0.027705382
YGL02.10420.C1	6.148253822	0.95853939	-0.321447541	0.841137158	-0.305254192	-0.169831045	-0.981110581	2.92E-05	0.000903388
YGL02_GNYA1SO04HZ4GO	6.742207853	0.95830575	0.605781718	0.93204797	0.339351214	-0.40936402	-0.816639424	0.000228146	0.003763141
YGL02.13607.C1	7.558677483	0.958172862	0.22148416	0.649242576	-0.367688603	-0.324973201	-1.190833322	0.002927912	0.023036531
YGL02.9221.C1	5.789661198	0.957540549	0.173507549	0.32034377	0.125955152	-0.022404021	-0.092833277	0.000302191	0.004603893
YGL02.1338.C2	5.690250147	0.95738111	0.725926169	0.778785024	-0.233118539	-0.259624719	-0.831401161	0.000573253	0.007202387
YGL02_GNYA1SO04JD8UB	7.133705263	0.957057075	0.593585493	0.973755988	-0.034658593	-0.338302085	-0.767889822	0.000157549	0.002901339
YGL02_GNYA1SO04I79N3	6.371084467	0.957049804	0.025351101	0.488420567	-0.129777088	-0.016508296	0.031531764	0.00032028	0.004789886
YGL02.2873.C1	13.33021168	0.956837655	-0.021761434	0.134049977	0.182741173	-0.265723156	-0.60073775	9.03E-07	9.45E-05
YGL02_GNYA1SO04H8EL1	7.351395438	0.956662417	-0.48928075	-0.430965403	0.378080304	-0.658840077	-0.671997926	0.001662146	0.015383385
YGL02.15533.C1	7.969834183	0.956480647	0.521636794	1.1657885	-0.103186401	-0.43089644	-0.821038169	3.31E-05	0.000985885
YGL02.15770.C1	7.777472132	0.956478383	0.239499934	0.605396678	0.062155038	-0.335972815	-0.323672321	1.61E-07	3.24E-05
YGL02_GNYA1SO04I3NZR	6.10003974	0.956179283	1.002265919	0.7871014	0.62401612	-0.721673592	-1.178283045	0.00067128	0.008069808
YGL02_GNYA1SO04H0ZEI	9.280997453	0.956081531	0.270144576	0.648322904	0.039636127	-0.193945004	-0.821821788	2.18E-06	0.000164434
YGL02_GNYA1SO04I2F5G	9.97766718	0.955900388	-0.067457939	0.240500326	0.030375287	-0.081570905	-1.114995677	0.000686101	0.008195195
YGL02.14044.C1	8.830306093	0.955419301	0.470498113	1.408381015	-0.425623339	-0.442382365	-1.022902374	0.006876228	0.042548574
YGL02_GNYA1SO04IF2V4	4.478305609	0.955328683	0.26452292	0.779316813	0.345887586	-0.292867353	-0.77739507	0.002158496	0.018513741
YGL02.17497.C1	6.520145911	0.954788921	-0.217843376	0.119144384	0.383989222	0.020053258	-0.581794179	0.001345853	0.013218431
YGL02_GNYA1SO04I3GJP	7.409810681	0.954720473	-0.157561959	0.147599117	-0.038692185	-0.038964736	-0.531759569	4.79E-05	0.001266222
YGL02.4403.C1	7.875187818	0.954571072	0.169697283	0.539005899	0.1661289	-0.156618849	-0.717622892	7.25E-06	0.000352224
YGL02.22864.C1	3.466412492	0.95439943	0.243625693	0.98997098	-0.294811069	-0.551506025	-1.127648848	0.000119693	0.00240161
YGL02.17751.C1	6.170234678	0.953880956	0.158477292	0.224608061	-0.296420759	-0.616296875	-1.174609769	0.000148755	0.002794641
YGL02.21333.C1	5.687400105	0.95375512	-0.424483741	0.316619802	-0.313182228	0.109718631	-0.392540907	0.004156953	0.02962222
YGL02_GNYA1SO04JJZ4Z	7.464863196	0.953602249	-0.688451999	-0.173968486	0.249904951	0.36988872	-1.19273016	7.31E-05	0.001700487
YGL02.5652.C16	7.460480227	0.953538555	-0.57616349	0.608662055	-0.189306171	-0.813358473	-0.904835952	0.000308129	0.00466799
YGL02.16945.C1	5.078098057	0.952933031	0.465621929	1.319092264	-0.270418925	0.196769521	-0.624486386	0.007355479	0.044740179
YGL02.23093.C1	8.256799289	0.95268651	0.220175093	0.779508054	-0.096149028	-0.226580706	-0.460653085	9.36E-08	2.48E-05
YGL02.5869.C1	7.377885711	0.952528198	0.175297234	0.501545614	-0.060948522	-0.26639145	-0.670210769	1.05E-06	0.000104095
YGL02.7443.C1	8.995304257	0.952467593	-0.003988794	0.712651876	-0.108125927	0.208712482	-1.029535247	3.69E-05	0.001063095
YGL02.17514.C1	5.207351853	0.952398278	0.200389164	0.555157594	-0.02628496	-0.130037967	-0.497152939	0.006057337	0.038921462
YGL02.5455.C1	9.296643979	0.952373123	0.681211797	1.342470238	-0.204972933	-0.39765725	-0.962892661	5.33E-07	6.73E-05
YGL02.21085.C1	8.434831397	0.952261068	0.289494674	0.487270193	0.09785074	-0.09394639	-0.665820974	1.05E-06	0.000104252
YGL02_GNYA1SO04IS94R	7.36612459	0.952045272	-0.061146844	0.757252895	-0.141880895	0.180921708	-0.564264396	2.05E-05	0.000705893
YGL02.22981.C1	6.094258357	0.951818278	0.494151184	0.534488535	0.266322909	-0.628723583	-0.842511916	0.002775371	0.022197798
YGL02.13852.C1	4.782124655	0.951522331	-0.179326762	0.946194073	-0.0913879	0.258420067	-0.946976977	0.000399491	0.005588312
YGL02.20554.C1	5.333122229	0.951510201	0.7068989	0.889081957	-0.468449865	-0.126047816	-0.486532277	0.005751887	0.037522383
YGL02_GNYA1SO04H5TY8	8.696076982	0.951475533	0.268164928	0.426246113	0.044399492	-0.274235684	-0.64456455	5.70E-06	0.000302259
YGL02_GNYA1SO04JOKHD	7.114918551	0.951342436	0.344492299	0.266826919	-0.218728548	-0.259282799	-0.467983808	1.21E-06	0.000114781
YGL02.14002.C1	6.533739251	0.951201383	0.100737276	0.280596308	-0.229136055	-0.486196029	-0.813413967	2.36E-06	0.000172492
YGL02.17640.C1	4.944735095	0.951073543	-0.538746803	0.181664749	0.033194393	0.363983863	-0.730443862	0.006488539	0.040842446
YGL02.16649.C1	2.893184119	0.950989873	0.386755317	0.16032863	0.010474381	-0.889441622	-0.995115505	0.001827591	0.016478836
YGL02.20907.C1	5.368711904	0.950844736	0.681976945	0.662752735	-0.526353012	-0.456369388	-1.189987388	0.007921323	0.047160774
YGL02.10304.C1	5.774331904	0.950834074	0.672485372	0.863917413	-0.083161618	-0.678225299	-0.766455956	1.63E-05	0.000601057
YGL02.10958.C1	8.581900801	0.950661646	0.053535166	0.222996375	0.346320012	0.015084734	-0.151068507	9.35E-05	0.002029129
YGL02_GNYA1SO04IXQFR	13.09680121	0.950631969	0.263258779	1.289333787	0.413745186	-0.452610304	-0.825653187	0.000330767	0.004903107
YGL02.2353.C1	11.13641123	0.949991063	0.369857178	0.70795502	0.049674639	-0.216166553	-0.895180052	4.04E-06	0.000242606
YGL02_GNYA1SO04IMRH9	8.226724975	0.94998375	0.123537167	0.038289025	0.368333305	-0.221902725	-0.141308404	3.14E-06	0.000205925
YGL02.16142.C1	5.872655203	0.94978668	-0.470362362	0.104874734	0.191984644	0.279417866	-0.265564766	0.001147455	0.011816531
YGL02_GNYA1SO04IYLKO	7.152788457	0.949708522	0.147387578	0.48962992	-0.294429517	-0.120467438	-0.651801439	5.53E-06	0.000295872
YGL02.16555.C1	8.047982331	0.949672202	0.376038747	0.602648923	0.132651125	-0.330140661	-0.642757421	7.47E-07	8.36E-05
YGL02.17793.C1	6.646102041	0.949599087	0.360458398	0.295663643	0.067487154	-0.59825624	-0.638122031	0.000275065	0.004301452
YGL02.14713.C1	5.156243144	0.949512179	0.430148296	0.610434441	-0.549683774	-0.12242558	-0.977416718	0.000271605	0.004261747
YGL02_GNYA1SO04IY5OH	2.833358256	0.949014999	0.559683511	0.467925129	0.198715799	-1.118260067	-1.446411723	0.006634715	0.041509953
YGL02.13992.C1	4.501843082	0.948890016	0.290872177	0.301667519	0.332850542	-0.480502377	-0.623952143	0.001244549	0.012508066
YGL02_GNYA1SO04I7E1J	9.698439695	0.948687878	-0.304379513	-0.141508573	0.163763222	-0.161874865	-0.549577221	8.00E-06	0.000376146
YGL02_GNYA1SO04IYLXU	5.590520974	0.948570224	0.438657636	0.326361207	0.055736595	-0.448171868	-0.348864155	0.001474922	0.014131159
YGL02.6356.C1	5.672771295	0.947908127	0.491238699	0.676711532	-0.03731264	-0.071042505	-0.533097841	0.000339211	0.004986609
YGL02_GNYA1SO04JE2V2	6.751957931	0.947712695	0.10163204	0.549863145	0.110908139	-0.146377245	-0.660273541	7.25E-05	0.001691226
YGL02.4025.C1	7.667890533	0.947522334	0.205602851	0.244165848	-0.435791988	-0.146999317	-0.175748521	1.10E-05	0.000461954
YGL02_GNYA1SO04I969Y	5.983348429	0.947461702	0.671732177	0.416477044	0.318822719	-0.583619809	-0.583198741	3.75E-05	0.00107698
YGL02.1752.C1	5.50245172	0.947301834	0.333611507	-0.064214737	0.112477198	-0.328058254	-0.061709999	3.32E-05	0.000988364
YGL02.3450.C1	7.353646519	0.947123904	-0.434715577	-0.009239111	-0.028053349	0.349388598	-0.041107253	9.96E-06	0.000433455
YGL02.12274.C1	8.14278999	0.947005859	0.653527085	1.196401954	0.183519532	-0.312471654	-1.653199076	2.18E-05	0.00073734
YGL02.4828.C1	6.90331125	0.94680258	0.234275992	0.234820203	0.170077985	-0.192651781	-0.565562604	2.97E-05	0.000913905
YGL02_GNYA1SO04JQ8Q8	8.79128546	0.946724221	0.178766064	0.977559767	-0.153247718	-0.127017509	-1.055158043	0.000252811	0.004045783
YGL02_GNYA1SO04I1BGS	7.834448839	0.946477334	0.061583728	0.092652177	-0.216013222	-0.11645757	-0.068611811	1.27E-05	0.000503605
YGL02_GNYA1SO04JE8XV	5.572261315	0.946152315	-0.127755663	-0.173771964	-0.027740547	-0.932573673	-0.584105327	0.000419498	0.005777069
YGL02.1822.C1	8.42332754	0.945593956	0.00900406	0.823506054	-0.170770918	-0.332922769	-0.945808826	7.09E-05	0.001663007
YGL02_GNYA1SO04JEW3N	10.02962961	0.945553824	0.404784537	0.822632898	-0.013051721	-0.290564829	-1.073658175	3.10E-06	0.000203778
YGL02_GNYA1SO04ILADG	5.385410287	0.945178559	0.66888439	0.794066508	-0.032760444	-0.697405192	-0.441425153	0.000227814	0.003759103
YGL02_GNYA1SO04IGC01	4.858002608	0.945057922	-0.489500945	0.814571151	0.263136059	0.38883168	-0.777753905	0.000675025	0.008097826
YGL02.6222.C1	4.885191623	0.944856299	-0.166657845	0.624410297	0.159542018	-0.294202046	-0.707902262	0.006880175	0.042564093
YGL02.2004.C1	7.312471779	0.944443521	0.138847368	0.915720926	0.184753668	-0.377996364	-0.769774119	0.000103143	0.002167248
YGL02.321.C1	7.552721134	0.944394635	0.456212003	1.107175667	0.065741634	0.024739016	-0.573504424	5.41E-06	0.000292581
YGL02.8699.C2	6.297511946	0.944113529	0.711713775	1.369021997	-0.027028326	-0.319798022	-0.733135658	1.46E-05	0.00055847
YGL02.14702.C1	8.501665359	0.944022932	0.280396499	0.615462937	-0.121580143	-0.149001084	-0.509776509	2.47E-07	4.15E-05

YGL02.368.C1	8.308964675	0.943902608	-0.194327759	1.002665221	0.064118917	-0.381963433	-0.831681751	4.21E-07	5.81E-05
YGL02.14687.C1	8.155280238	0.943792634	-0.429813968	0.049318386	0.044737491	-0.003161386	-0.682928541	6.63E-06	0.000333433
YGL02.17531.C1	7.609793141	0.943782824	0.006394212	0.11178121	0.211075848	-0.065919882	-0.776354618	7.76E-05	0.001773809
YGL02.20288.C1	6.005771028	0.943710112	0.613307504	0.913388141	-0.273027688	-0.31493238	-0.898840768	1.41E-05	0.000545503
YGL02.8113.C1	6.06898152	0.943707213	1.036775467	0.941200462	0.096758564	-0.393793846	-0.960699916	0.002241259	0.019027023
YGL02.5287.C1	3.10943515	0.943543221	0.093790369	0.094847487	-0.261553638	0.114995642	0.373413022	0.001378271	0.013449109
YGL02_GNYA1SO04IQCY9	6.927651493	0.94351835	-0.415385769	0.710213558	-0.112518242	-0.001225372	-1.019756319	0.000374066	0.005336632
YGL02.1411.C1	5.411929306	0.943130866	-0.663361263	0.07720295	-0.27354219	0.245054193	-0.561713039	0.000799103	0.009145215
YGL02.8716.C1	4.832032779	0.943073575	-0.228676145	-0.036743789	-0.144470064	0.055051156	-0.25376128	0.007578357	0.045709391
YGL02.14685.C1	7.969740834	0.942812175	-0.19113121	0.398079256	-0.093874388	-0.00682028	-0.258141277	0.002198483	0.01876351
YGL02.196.C1	8.519940733	0.942785802	0.212183048	0.952417116	-0.538803892	0.08382901	-1.034685862	4.13E-05	0.001147015
YGL02.10629.C1	7.675054514	0.94250187	0.532129964	0.929170645	-0.198139774	-0.257315466	-0.565152601	2.60E-06	0.000183042
YGL02.20558.C1	10.70440028	0.942281123	0.782973373	0.717154845	-0.065073867	-0.42277873	-0.972179731	1.12E-06	0.000108764
YGL02_GNYA1SO04IDZUZ	5.340596515	0.942120415	0.39734786	0.473456931	0.219619689	-0.428615509	-0.594770411	0.005269407	0.035219629
YGL02_GNYA1SO04JZXT1	4.581032956	0.942069977	-0.784680436	0.338682633	0.106888489	-0.392153331	-0.212451527	0.007066925	0.043450355
YGL02.486.C1	9.023938678	0.942015702	0.25570841	0.364388572	0.036980611	-0.306072136	-0.613939536	2.09E-05	0.000717981
YGL02_GNYA1SO04I57OE	5.937529476	0.941924142	-0.123799959	0.078212383	0.228286914	-0.227424134	-1.100123239	0.007538629	0.045547054
YGL02_GNYA1SO04IUFCK	4.537162746	0.941839	0.431058889	0.351500882	0.83335867	-0.458733281	-1.079625306	0.004755126	0.03266729
YGL02_GNYA1SO04H1VTR	7.197522952	0.941805115	0.03360027	0.455087201	-0.089274613	-0.33713015	-0.581473113	2.00E-06	0.000155987
YGL02.6680.C1	6.591974759	0.941663348	-0.034367844	-0.335211961	0.093913187	-0.271640031	-0.326732368	0.001912257	0.017003099
YGL02.22447.C1	3.210433844	0.941595135	0.058438123	0.669794676	0.112363586	-0.835614556	-1.730653932	0.008375709	0.049049702
YGL02.6730.C1	5.121646262	0.941456018	-0.594816041	-0.460871793	0.084035174	-0.229962627	-0.032515158	9.01E-05	0.001975676
YGL02.7382.C1	9.250010122	0.941434949	-0.013687337	0.526139352	-0.099870749	-0.206280209	-0.782636638	0.003338573	0.025290311
YGL02.317.C1	7.552951689	0.941363012	0.003929406	0.409464317	0.231891497	-0.358209558	-0.564091762	2.20E-06	0.000165452
YGL02.22270.C1	5.909736417	0.941324235	0.268238033	0.75806582	-0.479486282	-0.420898894	-1.26492225	6.29E-05	0.001523981
YGL02_GNYA1SO04IISHN	5.846059831	0.940943367	0.190360678	-0.145380102	0.317360165	-0.13763504	-0.034576316	6.77E-06	0.000337676
YGL02.16387.C1	7.581991826	0.940885308	0.631460656	0.634519796	-0.018145758	-0.382937812	-1.090963122	1.08E-06	0.000105818
YGL02_GNYA1SO04IRX80	6.979961176	0.940842393	-0.071255052	0.986983714	-0.057389692	-0.094822004	-1.057165822	0.000753108	0.008774254
YGL02.8342.C1	7.044161497	0.940840958	0.066995267	0.873933377	0.218677822	-0.302173078	-1.250889588	3.45E-05	0.001015161
YGL02_GNYA1SO04JBX5T	5.219581733	0.940824836	0.08197437	0.541213528	-0.042287512	-0.182655701	-0.712495354	0.000471961	0.006270436
YGL02_GNYA1SO04IZ6RR	7.615705258	0.940756387	0.057984056	0.181689868	-0.018422406	0.083622533	-0.205822932	3.59E-05	0.001043861
YGL02.3092.C1	7.83093144	0.940753232	0.00497013	0.105425073	-0.081755833	0.00228991	-0.330277223	1.45E-05	0.000554897
YGL02.2413.C1	13.82941289	0.94050163	0.347517125	1.141148805	0.130227283	-0.402555378	-0.814822505	2.72E-06	0.000187806
YGL02_GNYA1SO04IK4BF	5.698310276	0.940464469	0.103620104	1.529723964	-0.388323996	-0.714135188	-0.578053873	0.000519962	0.006707909
YGL02.12243.C1	8.535365308	0.940440327	-0.007095111	0.411926522	0.068331913	0.220229469	-0.501047129	5.80E-06	0.000306017
YGL02.30.C11	7.940934305	0.940361158	0.149272299	0.261471522	-0.143074222	0.076646003	-0.418511535	3.91E-05	0.001103531
YGL02.20840.C1	7.400089341	0.940027252	0.464932198	0.430257118	-0.189564298	-0.291051917	-0.255741901	7.86E-07	8.67E-05
YGL02_GNYA1SO04IHD9Z	8.439553978	0.939945139	-0.581703599	-0.578599275	0.160120618	-0.03895267	-0.794280642	0.000338415	0.004978305
YGL02.12554.C1	6.314805818	0.939898766	-0.084837274	-0.302253205	0.177107309	-0.223752579	-0.300411229	5.42E-06	0.000292843
YGL02.12696.C1	5.547396136	0.939703423	0.241063903	0.191753669	-0.223782229	-0.103284626	-0.397108728	0.000681124	0.008154516
YGL02.9659.C1	5.556534995	0.939456995	-0.052600354	0.411298405	0.041104819	0.034103184	-0.372501789	0.000203469	0.003469693
YGL02_GNYA1SO04ICFIX	8.232929156	0.939310077	0.383092512	0.739869193	0.194426101	-0.307745149	-0.721086056	4.35E-05	0.001187408
YGL02_GNYA1SO04IETLQ	6.461254192	0.939163207	-0.375220818	-0.397306769	-0.058235329	0.078373619	-0.546317166	0.002254873	0.019113774
YGL02.18409.C1	8.95224712	0.938863704	0.228363991	0.854522291	-0.198912915	-0.288753592	-0.945542866	2.85E-06	0.000194062
YGL02.11903.C1	9.008272749	0.938511937	0.104983814	0.884236375	-0.179355549	-0.168959246	-0.93729991	0.000207609	0.003515809
YGL02.10218.C1	4.538776575	0.938410684	0.246477099	0.696477058	-0.50499064	-0.145294722	-0.689606116	2.60E-06	0.000183042
YGL02.13383.C1	5.194517709	0.938368751	0.32668324	1.10391314	-0.101042561	-0.490485378	-0.656992456	0.005737679	0.037454991
YGL02.2047.C2	5.939523748	0.938184123	-0.146044629	0.226556982	0.020281134	0.269466084	0.610432079	0.000266746	0.004209255
YGL02_GNYA1SO04IO8WL	7.977215191	0.937903437	0.255756396	0.575289495	0.079245776	-0.149998304	-0.814034593	0.001125684	0.011654435
YGL02.2635.C1	8.926436083	0.937723465	0.1605579	0.278625494	0.036263038	-0.067969068	-0.058915672	0.000104463	0.002186149
YGL02.13472.C1	9.253528886	0.937582046	0.332135888	0.789577911	-0.294544312	-0.279314336	-0.638948754	6.70E-06	0.000335301
YGL02_GNYA1SO04JHDI3	14.19010189	0.937322711	0.175390369	0.52722967	-0.031896355	-0.188526158	-0.860190361	0.000302091	0.004602905
YGL02_GNYA1SO04JHE3U	4.15787207	0.937219807	0.571251588	0.868320617	1.771430641	-0.748547621	-0.985975013	0.000791414	0.009082449
YGL02.12972.C1	6.824860693	0.937099747	-0.280574781	-0.219023658	0.15901311	-0.360459042	-0.161078417	0.000446197	0.006028335
YGL02.6372.C1	7.150834106	0.937050346	0.056366863	0.947840466	0.146180392	-0.348341944	-1.148117086	0.000100875	0.002138691
YGL02_GNYA1SO04IJ1LO	11.81464122	0.936921654	-0.19598874	0.326726991	-0.010044632	-0.050405139	-0.781994606	1.01E-05	0.000436966
YGL02.1105.C1	8.994588259	0.936758638	-0.241379023	0.521437456	0.085416371	-0.044396637	-0.428036179	0.000481923	0.006361016
YGL02.16754.C1	6.837420497	0.93633557	-0.456917331	-0.397706739	0.054450953	0.05173526	-0.184071135	0.000310584	0.0046942
YGL02_GNYA1SO04I35UX	7.135704123	0.936332707	0.095595079	0.340702795	-0.121646389	-0.090826451	-0.718590787	0.000324943	0.004840604
YGL02_GNYA1SO04H661S	9.793387165	0.935887411	0.070797877	0.609016193	-0.09182069	-0.169924771	-0.781795439	0.006043688	0.038873695
YGL02_GNYA1SO04IPKAI	5.543543543	0.935716547	0.031773133	1.330822494	0.035316139	-0.348208517	-0.873484885	0.001087962	0.011361076
YGL02.21364.C1	4.094005559	0.935551009	1.007104471	0.831787842	-0.175934554	-0.635616946	-0.136383615	0.002789246	0.022275748
YGL02_GNYA1SO04I6H8O	7.353654807	0.935252629	0.402089756	0.341848934	-0.035718624	-0.476710944	-0.304473466	2.78E-05	0.000869731
YGL02.13727.C1	7.022079561	0.934858372	0.258056218	0.553814613	-0.075155003	-0.341836105	-0.582552276	1.26E-05	0.000502165
YGL02.3421.C1	9.647417234	0.934730262	-0.204489798	0.483200352	0.531325603	-0.387233636	-0.576464455	3.73E-06	0.00023065
YGL02_GNYA1SO04II9GA	8.106164214	0.934618551	-0.174715103	0.436434983	-0.645184084	0.049235428	-0.260703492	0.000156798	0.002893821
YGL02.4837.C1	8.145430579	0.934287417	-0.056673486	0.360270446	-0.441317492	-0.081124265	-0.301065452	1.75E-06	0.000144045
YGL02.21830.C1	5.27480919	0.934181925	0.259524505	0.708401976	-0.399375097	-0.331307695	-0.488798323	0.00013732	0.002639946
YGL02_GNYA1SO04IWD4S	5.813106292	0.934150914	0.453244457	1.133860159	-0.207183641	-0.287399372	-0.772111745	0.000189908	0.003309026
YGL02.5469.C2	7.924657533	0.933953466	-0.104457335	0.120272287	0.068793432	-0.073163613	-0.428311203	8.47E-06	0.00039094
YGL02.8102.C1	5.051347211	0.933846952	0.681135895	0.232267639	0.120709749	-0.65759149	-0.133655323	9.80E-05	0.002090101
YGL02.5775.C2	5.302782925	0.933829258	-0.666701083	-0.421248237	0.572405896	0.538077533	-0.117576343	0.002870658	0.022724127
YGL02.7416.C1	3.647365932	0.933748864	0.056727991	0.439371792	-0.625990807	-0.338922409	-0.904786227	0.005604911	0.036834495
YGL02.17744.C1	9.306392442	0.933729012	0.059408284	0.477241975	0.233896709	-0.162924819	-0.862021169	5.48E-06	0.000294367
YGL02.12674.C3	8.298336352	0.933720957	0.011143483	0.504498561	-0.018975468	-0.106111344	-0.341451506	2.60E-07	4.29E-05
YGL02.21487.C1	4.37849215	0.933716157	0.530257642	1.48123157	-0.351951359	-0.613526927	-1.136909218	0.001284608	0.012786619
YGL02.22872.C1	5.635339216	0.933612047	0.042143653	0.225367576	-0.256283285	-0.496538381	-0.525707507	5.18E-05	0.001331822
YGL02.22711.C1	6.322982122	0.933565483	0.070741802	0.082695753	-0.032969673	-0.620135028	-0.564077467	0.001539023	0.014578313
YGL02.82.C17	5.301291824	0.933261329	-0.463926514	0.938777954	0.058810569	0.337983486	-0.339484487	0.000185396	0.003248773
YGL02.16377.C1	7.134237196	0.933223296	0.3910647	0.578685733	-0.019627244	-0.393200644	-0.565183692	2.46E-06	0.000176652
YGL02.21530.C1	7.060080325	0.93291469	0.593517716	0.503929722	0.280560578	-0.444639392	-0.691980935	0.00019867	0.003415743
YGL02_GNYA1SO04IQ1D2	5.877191369	0.932787589	0.298247194	0.809180395	-0.039109781	-0.384154053	-1.186757945	0.006331783	0.040136673
YGL02_GNYA1SO04I8IAD	6.903569415	0.932697389	-0.091415123	0.533659747	0.024060194	0.042513253	-0.515450021	0.00013799	0.002649286
YGL02_GNYA1SO04H7OFH	3.306385276	0.932576683	-0.509705386	0.160672234	-0.023012333	-0.815772775	-1.520531484	0.002161903	0.0185356
YGL02.5118.C3	2.786733528	0.932466588	-0.035970676	0.0378675	0.198456932	0.113976421	-0.685616167	0.003295072	0.025064885
YGL02.14463.C1	7.331330882	0.932439321	0.073826394	0.328149161	0.079740386	-0.079614012	-0.412284088	2.97E-06	0.00019865
YGL02.21153.C1	6.385900047	0.932259217	-0.00908232	0.406752325	-0.153960071	0.095714242	-0.330422766	0.000155072	0.002872074
YGL02_GNYA1SO04I1N1A	8.276648409	0.932149539	-0.377087027	0.576673818	0.307888278	-0.151427822	-0.780815916	0.00246306	0.020361369
YGL02_GNYA1SO04I9HL8	7.809399836	0.932101207	-0.016590863	0.916711241	0.030821006	-0.078265547	-0.963589552	1.34E-05	0.000524047
YGL02_GNYA1SO04H1HZZ	7.567490851	0.931867451	0.100086876	0.518139552	-0.439080376	-0.556711712	-0.630493617	0.000127104	0.002501088

YGL02.17996.C1	7.212115544	0.93182361	0.460726769	0.960410644	-0.229479911	-0.324218102	-0.814418928	2.84E-05	0.00088682
YGL02.16941.C1	5.721769336	0.931792082	0.062858693	1.06694262	-0.404320567	-0.39486387	-1.485520218	0.001116201	0.011575686
YGL02_GNYA1SO04H4543	6.684092705	0.931635764	0.131270555	0.168306854	-0.039941584	-0.061445827	0.009812978	0.000446653	0.006031974
YGL02_GNYA1SO04JUX2Q	8.136619635	0.931632148	0.024969626	0.404879679	0.201826814	-0.34487518	-0.474664762	7.67E-06	0.000365739
YGL02.22376.C1	6.970614738	0.931451112	0.286652374	0.316782508	-0.061938481	-0.027768688	-0.525349587	9.26E-05	0.002013634
YGL02_GNYA1SO04IRYG3	7.632611666	0.931300057	0.344033988	0.508664221	0.028298409	-0.330002239	-0.38250705	4.18E-05	0.001155865
YGL02.13304.C1	5.521118934	0.931189619	0.663478357	0.432957865	0.056108632	-0.793908986	-0.886379842	2.91E-06	0.000196314
YGL02.17203.C1	4.007327679	0.931133453	0.595079523	0.081294088	-0.120132186	-0.350565729	0.345825578	0.003318952	0.025190121
YGL02_GNYA1SO04IE793	7.257081573	0.930996561	0.683411757	0.131266745	0.304919962	-0.579427179	-0.647378137	8.02E-06	0.000376572
YGL02.11204.C1	5.566872772	0.930779887	-0.345020554	-0.512029343	0.45877888	0.17760589	-0.230637226	0.002047385	0.017832382
YGL02_GNYA1SO04IKJVA	7.099342718	0.930778354	-0.385431527	0.330935413	0.589369982	-0.226317399	-0.478973432	0.000509035	0.006602036
YGL02.21382.C1	2.748118028	0.930728414	-0.037620498	0.234199759	0.132411251	-0.628928843	-0.516692384	0.00020715	0.003510729
YGL02.14241.C1	6.813720084	0.930674998	0.801669655	0.950466622	-0.309198859	-0.605911284	-0.976709616	2.67E-06	0.000185831
YGL02.16027.C1	5.008996847	0.930543933	0.11030564	0.337552835	-0.170720684	-0.580799221	-0.689330904	0.001566666	0.014763486
YGL02_GNYA1SO04IQBGA	2.630232736	0.930186109	0.041822816	0.659575659	0.286420127	-0.611337576	-0.639943487	0.006975417	0.042989778
YGL02_GNYA1SO04H67D2	11.18367476	0.930072563	0.342731643	0.736745403	0.110697712	-0.167287665	-0.878102372	8.99E-05	0.001972919
YGL02_GNYA1SO04I7WDW	8.219453654	0.929990872	0.135026749	0.223116366	-0.255973844	-0.559278838	-0.662473283	1.43E-06	0.000126331
YGL02.4309.C1	6.303178295	0.929669926	0.285832851	0.597860904	-0.039587596	0.126373297	-0.05920023	0.000787558	0.00905264
YGL02_GNYA1SO04JVUQY	7.231286849	0.929615948	-0.570921098	0.368340595	0.00264594	0.140795748	-0.076859936	8.08E-07	8.84E-05
YGL02.5650.C1	8.725628553	0.92957464	0.18050727	0.369103131	-0.105442871	-0.263157702	-0.729462962	1.48E-07	3.07E-05
YGL02_GNYA1SO04H87K4	8.630113933	0.929553572	0.306298056	0.734868903	-0.00404273	-0.20220333	-1.088247456	8.93E-05	0.001963641
YGL02.19737.C1	5.81322963	0.929467334	1.068261158	0.997855463	-0.54592037	-0.331342132	-0.413590139	0.003072998	0.023850559
YGL02_GNYA1SO04IQ2WV	6.209087677	0.929258132	0.06936571	1.097930236	0.091335957	-0.25406225	-1.23043928	0.000203545	0.003470532
YGL02.22075.C1	6.228032731	0.929203737	-0.481744028	-0.006379477	-0.068493327	0.035329369	-0.677596685	0.000667544	0.008035999
YGL02.764.C1	7.577867534	0.929027452	-0.379294516	0.158708961	-0.267193079	0.081129084	-0.318270931	1.02E-05	0.000438611
YGL02.20901.C1	5.446260563	0.928882481	-0.075712038	0.473186685	-0.484211745	0.029474823	-0.223880035	0.003946132	0.028497407
YGL02.2588.C1	6.405386029	0.92880147	0.124615503	0.639557922	-0.228663805	-0.344556045	-0.460497181	5.97E-06	0.000310769
YGL02_GNYA1SO04IRAON	6.890798129	0.928568743	1.237718305	1.456089708	-0.320620115	-0.63075732	-1.009183914	0.000822941	0.009341608
YGL02.10237.C1	8.767114445	0.928538068	-0.04138283	1.075350038	-0.178098301	-0.156249202	-1.011614348	2.25E-06	0.000166499
YGL02.21350.C1	5.072383879	0.928462516	0.381129171	-0.408352389	-0.19344416	0.10281685	0.237522391	0.004078156	0.029208135
YGL02.14682.C1	6.877138907	0.92834941	-0.13624204	-0.10667739	0.098674566	-0.110911753	-0.186103611	3.57E-07	5.25E-05
YGL02_GNYA1SO04JQFBQ	6.491466194	0.92818376	-0.086966588	0.297576374	-0.426232614	-0.439943342	-0.581780137	0.001208555	0.012258574
YGL02.20480.C1	5.115051041	0.927702858	0.174830616	-0.069762035	-0.56768629	-0.430148421	-0.591114989	0.000193032	0.003344573
YGL02.16864.C1	7.470675586	0.927490264	0.161962904	0.396140834	-0.183139109	-0.270237349	-0.365480026	1.26E-05	0.000502407
YGL02_GNYA1SO04I8IHX	9.784793675	0.92740542	-0.08397072	0.402504269	-0.045196475	-0.107988992	-0.395978936	2.68E-06	0.000186354
YGL02_GNYA1SO04IXVZR	6.230152713	0.927254006	0.21983619	0.468135147	-0.71670705	-0.403918688	-0.080258774	0.004860059	0.033194464
YGL02_GNYA1SO04H1E2Q	5.530620765	0.927241897	0.335187168	0.673586574	-0.098097409	-0.428447264	-0.637823669	0.000497122	0.006492398
YGL02.17396.C1	7.160218533	0.927019803	-0.244325229	-0.291257155	0.195701813	-0.143280956	-0.735033927	0.000111811	0.002293196
YGL02.9873.C1	2.980454776	0.926786872	0.094935761	-0.252950836	0.152101686	-0.032403249	-0.585135299	0.000804005	0.009193542
YGL02.2750.C1	8.660483032	0.926652159	0.303236249	0.335314024	0.428784899	-0.330735572	-0.430823413	2.47E-07	4.15E-05
YGL02.12859.C1	6.862740089	0.92650238	0.525078284	1.153152654	0.204575567	-0.053961062	-0.727233815	5.95E-06	0.000310417
YGL02.17668.C1	5.493648149	0.926461437	0.222202317	0.074269535	-0.523338294	-0.145120733	0.192887332	0.00074877	0.008737073
YGL02.5781.C1	5.212044457	0.926448651	-0.305736058	1.249354844	-0.106273056	-0.232817427	-0.878864542	0.000641096	0.007804148
YGL02_GNYA1SO04H73OT	6.12945305	0.926440976	-0.423600968	0.633878495	-0.072214487	0.042705132	-0.964902363	0.000200241	0.00343454
YGL02.1517.C5	8.477348421	0.926426438	-0.016586774	0.112819719	0.421323113	-0.239594153	-0.779326501	0.0047725	0.032762314
YGL02_GNYA1SO04JGVUW	7.007819952	0.926266394	-0.466502927	0.406454847	-0.310350707	-0.305630069	-1.305024437	0.000271981	0.00426662
YGL02.8771.C2	8.206765543	0.925877618	0.235118229	0.401230059	-0.316344966	-0.147902657	-0.41810426	7.04E-07	8.04E-05
YGL02.9063.C1	8.476929581	0.925846739	0.036092256	0.194216948	-0.05562464	-0.037961932	-0.344841657	2.44E-05	0.000796531
YGL02_GNYA1SO04H5O2K	7.889170057	0.925770537	-0.131936929	-0.016409143	-0.003257195	-0.252422973	-0.354683765	4.58E-05	0.001230257
YGL02.6221.C1	7.615192713	0.925423168	0.201413884	-0.236883232	-0.122582375	-0.334588834	-0.021732935	2.40E-07	4.09E-05
YGL02_GNYA1SO04JLSHP	7.194589322	0.925336825	0.312388662	0.583155172	0.074269015	-0.149785397	-0.899727467	1.17E-06	0.000111939
YGL02.1119.C1	5.440994616	0.924960244	-0.069641849	-0.248721329	0.242290807	-0.368482572	-0.340907265	0.001329778	0.013110263
YGL02_GNYA1SO04JT6VQ	11.16637504	0.924354764	0.298088661	0.603157939	-0.347905261	-0.146835636	-0.809418646	9.11E-07	9.52E-05
YGL02.6272.C1	8.50459717	0.924314829	0.123991466	0.689218216	-0.088069477	-0.050535035	-0.673138206	7.21E-07	8.18E-05
YGL02.11816.C1	7.098769007	0.924221734	0.443622386	0.033618599	0.06225944	-0.256189804	-0.875540212	0.0027725	0.022177568
YGL02.3132.C1	10.13916393	0.924185813	-0.138244685	0.351372418	-0.013695109	-0.320637293	-1.037801496	0.000113715	0.002318356
YGL02.19146.C1	3.620458675	0.924157289	-0.679290984	0.88472995	0.037836155	0.179935986	-0.811004671	0.006076043	0.039015933
YGL02_GNYA1SO04IY12N	5.449091568	0.923979024	-1.176187156	0.310789994	-0.055192003	-0.133939327	-0.984292867	0.006435213	0.040616627
YGL02_GNYA1SO04JQXP6	3.251144789	0.923722665	0.144788223	0.131175221	-0.383044607	-1.082482162	-0.81189689	0.001828989	0.016483406
YGL02_GNYA1SO04JTG1A	5.954935158	0.923703253	-0.095390109	-0.329305012	-0.276128764	-0.065359037	-0.065537734	0.002636255	0.021368886
YGL02_GNYA1SO04H23HS	6.880325881	0.923655634	0.278911014	0.791673741	-0.162368202	-0.246823869	-0.840589719	6.08E-06	0.000314695
YGL02.18056.C1	7.227121819	0.92339823	0.656807911	0.940587491	-0.151654408	-0.286703994	-1.054248579	2.46E-05	0.000800274
YGL02.9608.C1	4.734598264	0.923233246	-0.013327578	0.32980729	0.011197952	-0.058354872	-0.026969532	0.002114479	0.018225875
YGL02.3054.C2	9.607892632	0.923231036	0.218509905	0.843360185	0.009352895	-0.371468522	-0.687138256	1.05E-06	0.000104095
YGL02_GNYA1SO04H6VM9	6.433197416	0.92316439	0.479983354	0.981236436	0.007609294	-0.496283901	-1.042903018	0.000901938	0.009970889
YGL02_GNYA1SO04IG3OR	5.042491754	0.923055817	0.949515636	0.54321723	-0.234841413	-0.835066398	-0.711293558	0.004202333	0.029851503
YGL02.2582.C1	6.475928638	0.922995094	0.647745352	0.653227639	-0.442247319	-0.365772476	-0.406852478	4.89E-05	0.00128371
YGL02.18718.C2	7.918001955	0.922955801	0.231327828	0.797604575	-0.683670421	-0.240022206	-0.798397145	2.69E-05	0.000851629
YGL02.12301.C1	8.073220753	0.922912205	0.080525222	0.561074721	-0.138867049	-0.25202585	-0.777384452	2.45E-06	0.000176446
YGL02_GNYA1SO04JFJJN	5.62700538	0.922686379	0.169142311	-0.202822408	0.19717189	-0.554127415	-0.110512687	0.000715817	0.008451568
YGL02.17451.C1	5.905237718	0.922650244	0.314861632	0.236432689	-0.056573616	-0.376617367	-0.416005995	2.28E-05	0.000759376
YGL02.15294.C1	3.22500499	0.922561612	0.758615049	1.024380078	-0.067294802	-0.605330347	-0.552859247	0.002400421	0.01998645
YGL02_GNYA1SO04JH92S	6.244519266	0.922391361	0.251288103	0.169161072	-0.71989771	-0.222826613	-0.613257696	0.001024117	0.010888421
YGL02_GNYA1SO04I9O57	6.159696545	0.922135817	0.108318246	0.103817635	0.068632193	0.018417154	-0.538740084	3.33E-05	0.000989223
YGL02_GNYA1SO04IV5AA	8.968964526	0.922078991	0.274453178	0.302703014	-0.092448888	-0.113344886	-0.35229499	7.63E-06	0.000364835
YGL02.1469.C1	8.784593835	0.921748721	0.628082116	0.923662506	-0.218826726	-0.228694003	-0.404282877	2.82E-07	4.53E-05
YGL02.17848.C1	6.788660931	0.921744735	-0.641118801	-0.120162021	-0.281384753	-0.091063153	-0.08421201	0.001122782	0.011629968
YGL02.15553.C1	4.440906854	0.9217077	0.144567544	0.379639146	-0.068776659	-0.68955566	-0.597786846	0.002494949	0.020546296
YGL02.11189.C1	13.25230633	0.921691689	0.17567928	0.538477425	0.186604848	-0.313911355	-0.744926988	1.16E-07	2.74E-05
YGL02_GNYA1SO04JVLH8	5.660641503	0.921633147	-0.06961263	0.106857387	0.741442318	-0.119761846	-0.532711971	2.42E-05	0.000789943
YGL02.2934.C1	7.141417924	0.92160647	-0.157279849	0.950944329	0.120187456	-0.297016605	-0.795864872	4.75E-05	0.001258759
YGL02.9004.C1	9.530525949	0.921577876	0.299516621	1.128921113	0.113394551	-0.462031332	-1.008949935	5.22E-07	6.63E-05
YGL02.9992.C1	4.85815631	0.921119605	-0.211827372	0.542402453	-0.082710724	-0.134142065	-0.492074139	0.001618034	0.015099222
YGL02.12874.C1	9.710530089	0.921112073	0.292903103	0.552068611	0.062131082	-0.506699198	-0.429024531	1.25E-06	0.00011643
YGL02.15033.C1	7.549921098	0.921063377	-0.57546508	0.432378714	-0.283449952	0.149035727	-1.075562286	6.16E-05	0.001500745
YGL02.17827.C1	7.560627022	0.920683917	0.194451915	0.50371188	-0.203365984	-0.226973476	-0.69422098	1.05E-05	0.000446561
YGL02_GNYA1SO04IN6P1	5.277554651	0.920299982	0.64703483	-0.023581934	0.279053218	-0.427883482	-0.627697581	0.001385955	0.013503738
YGL02.13828.C1	7.005677513	0.92017447	-0.191052945	-0.180173174	0.093493943	-0.136173143	-0.079634569	0.000337605	0.004970152
YGL02.4032.C1	7.382575244	0.920039805	0.251573248	0.404787142	0.201566636	-0.290072578	-0.241778092	0.001073034	0.011256928
YGL02.1856.C1	8.16210407	0.919645072	-0.574247378	-0.077031592	-0.12638288	-0.076363806	-0.405988395	0.000106694	0.00221954

YGL02.2251.C4	8.416194557	0.919518847	-0.3377761	-0.255662623	-0.261290034	-0.097807932	-0.509929053	0.000313809	0.004727097
YGL02.12610.C1	9.999957769	0.919376436	0.128460622	0.544579976	0.028692305	-0.414785127	-0.733335171	4.70E-07	6.21E-05
YGL02.18938.C1	6.713527553	0.919299213	-0.22071652	0.20097575	-0.220933209	-0.222982685	-0.509482156	3.27E-05	0.000978382
YGL02.18280.C1	6.115363142	0.919270943	0.306051636	1.05090229	0.052680845	-0.283713929	-1.031452893	3.48E-05	0.001019582
YGL02_GNYA1SO04I9J4M	6.957595185	0.919262346	0.213818265	0.883535667	-0.115157895	-0.034249847	-0.522537533	2.20E-05	0.000742108
YGL02.21752.C1	7.447406838	0.919203654	0.014711417	0.500441291	-0.01490802	-0.336974072	-0.636008989	7.32E-07	8.26E-05
YGL02.13263.C1	10.23866954	0.919151374	0.231063376	0.414858468	0.350797923	-0.433988409	-0.755100372	1.65E-07	3.27E-05
YGL02.5993.C1	8.747446684	0.919135719	0.008009987	0.227132516	-0.123278271	-0.095520412	-0.488196084	2.27E-07	3.95E-05
YGL02_GNYA1SO04JWS5O	10.94048777	0.919101023	-0.275016576	0.374025602	-0.015010121	-0.257277766	-0.730393029	4.16E-07	5.75E-05
YGL02.5630.C1	5.619686115	0.91898686	-0.036928058	0.171849706	-0.326593598	-0.409370712	-1.058099433	0.001464962	0.01406401
YGL02_GNYA1SO04IDMO5	6.581623264	0.918626731	-0.217542785	0.444341482	-0.34779101	0.037674474	-0.62616565	2.06E-05	0.00070978
YGL02.17010.C1	7.498654568	0.918620529	0.023546714	0.842838924	-0.021848571	-0.17892893	-1.208028882	6.13E-06	0.000316156
YGL02.14797.C1	10.25572858	0.918575108	0.590478291	0.774013477	0.188920506	-0.433234064	-0.794982896	2.65E-05	0.000842154
YGL02_GNYA1SO04ISWOP	8.090605727	0.918477104	-0.305757605	0.749769269	-0.448462804	-0.002367812	-0.788357331	0.001714743	0.015742416
YGL02_GNYA1SO04JOVLP	9.780470255	0.918294531	0.045475418	0.353854789	-0.251002012	-0.154922277	-0.368254703	1.15E-06	0.000110907
YGL02.12315.C1	5.209486844	0.918149354	0.280217054	0.308390386	-0.006218519	-0.169241123	-0.322065631	0.004202233	0.029851503
YGL02_GNYA1SO04JGBPV	7.442766977	0.917810815	0.441782993	1.048137665	-0.209253164	-0.273841503	-0.877136886	0.000373532	0.005333135
YGL02.1987.C1	7.020136038	0.917790174	0.430229553	0.566920088	0.6523264	-0.511803597	-0.342615104	0.000129254	0.002531864
YGL02.1396.C1	11.28104343	0.917607414	-0.245875763	0.366788511	0.020788823	-0.299677482	-0.670163302	6.96E-06	0.000343489
YGL02.317.C2	8.023960679	0.917535716	0.101189247	0.369182849	0.299275267	-0.302256004	-0.373091782	1.84E-05	0.000652566
YGL02_GNYA1SO04IM5R4	6.446177697	0.917528822	0.123782589	0.819660442	-0.041403264	0.033007902	-0.576563942	0.000136088	0.002624435
YGL02.1195.C1	7.217405876	0.91748636	-0.068393206	-0.054514939	-0.111953145	-0.355589317	-0.705398866	0.000267628	0.004217229
YGL02_GNYA1SO04H9S5G	9.366989835	0.917464059	0.031434495	0.444492865	0.294725231	-0.145862182	-0.849250342	1.43E-05	0.000550619
YGL02.1988.C1	6.38200988	0.916453948	-0.290822207	-0.5387728	0.072518195	-0.122008925	-0.540922312	0.00018472	0.003239554
YGL02_GNYA1SO04JAGUV	5.325989393	0.916147452	0.620429681	0.885768326	0.182407292	-0.468241818	-0.646361481	0.000323446	0.004825523
YGL02_GNYA1SO04H3H4M	7.221722064	0.916034044	0.413469412	0.595638636	-0.060298175	-0.465802066	-0.951968301	1.22E-05	0.000491776
YGL02_GNYA1SO04IQO9O	5.680015641	0.915352819	0.194299523	0.917410929	-0.173429914	-0.711252517	-1.057218551	0.000841811	0.009488437
YGL02_GNYA1SO04H4WM2	7.066605844	0.914958603	-0.588120756	0.385894889	0.33020938	0.694791885	0.10680698	0.00037956	0.005388316
YGL02.6489.C2	10.40504522	0.914726159	0.071469053	0.615462593	0.126238106	-0.171026617	-0.506488193	3.24E-08	1.43E-05
YGL02.3903.C1	11.16923426	0.91464847	0.072418307	0.45866167	0.286992044	-0.100346961	-0.52253078	4.93E-05	0.001289731
YGL02.13640.C1	7.016698732	0.914592047	0.292690747	1.225689214	0.010919251	-0.314552126	-0.970105033	5.43E-05	0.001377245
YGL02.4268.C1	8.321304146	0.914483021	0.197170572	0.464284304	-0.278220897	-0.354749136	-1.024517304	2.98E-07	4.70E-05
YGL02.5492.C1	9.347078059	0.914191644	0.108588091	0.126462036	-0.134083997	-0.003535046	0.005073723	2.10E-06	0.000160616
YGL02.5173.C1	12.76783396	0.914154833	0.193168612	0.980442789	0.187303014	-0.390608049	-0.809798856	1.03E-05	0.000443146
YGL02_GNYA1SO04IZP0Z	7.002442821	0.913787185	-0.016423606	0.459566914	-0.350089514	-0.23915599	-0.680289779	2.31E-05	0.000766189
YGL02_GNYA1SO04IC0LU	5.32620516	0.913697077	0.502574409	0.256524319	-0.004189959	-0.089972464	0.04442306	0.00040087	0.005601787
YGL02_GNYA1SO04IM0GC	6.374931781	0.913678036	0.037579145	-0.046615312	0.089902825	-0.703568143	-0.944851652	0.000169753	0.003059087
YGL02.18339.C1	7.997376931	0.913535457	0.41866229	0.344413843	-0.182393039	-0.383113815	-0.926090086	0.002431475	0.020171087
YGL02_GNYA1SO04H8BNZ	9.112596243	0.913504807	-0.124388958	0.377320033	0.119035022	-0.006172599	-0.862337059	2.96E-05	0.000912118
YGL02.8768.C1	9.726816761	0.913438948	-0.056623058	0.392195487	-0.257804755	-0.243786823	-0.370045841	3.49E-08	1.48E-05
YGL02.18208.C1	7.535952888	0.913418328	-0.028651266	0.696851477	-0.263321995	-0.181430653	-0.49487144	1.24E-06	0.000115951
YGL02.19766.C1	4.872006123	0.913367164	-0.13354794	0.389264387	0.311242032	0.000796557	-0.448558318	0.002211556	0.018837841
YGL02.10648.C1	10.02166202	0.913223816	0.288732578	0.752547944	0.02522532	-0.238868447	-1.056577431	2.84E-07	4.56E-05
YGL02.6470.C1	8.03364795	0.913221419	0.28031661	0.445738124	-0.366089492	-0.254579254	-0.458903509	1.22E-07	2.80E-05
YGL02.13742.C1	6.08013778	0.912966218	0.318465544	0.98186779	0.0098319	-0.147032566	-0.875395851	8.94E-05	0.001965269
YGL02_GNYA1SO04I2AWK	6.398807441	0.912925964	-0.323641941	0.716008934	0.194646221	0.077612995	-0.654286637	0.002145863	0.018429807
YGL02_GNYA1SO04I5ETG	7.012823731	0.91291591	0.104882603	0.577286739	0.06637982	-0.244491961	-1.103653959	0.000105251	0.002196583
YGL02.19851.C1	6.475280122	0.912298746	-0.439055346	-0.433062185	-0.461173832	0.02807733	-0.351151605	2.21E-05	0.000743703
YGL02_GNYA1SO04I4IRR	8.775871176	0.912280293	0.123268986	0.545345897	0.117919535	-0.165188415	-0.555208756	0.000383902	0.00543387
YGL02_GNYA1SO04IQOXV	6.139131738	0.912206519	0.154256478	0.808155565	-0.214873298	-0.385323434	-0.848741634	0.004227009	0.029974291
YGL02.3037.C1	3.442565028	0.911934095	-0.292411867	0.297657527	-0.227337494	0.429477264	-0.050222934	0.002992075	0.023380837
YGL02.5528.C1	5.77745444	0.911407247	-0.093288999	0.601170957	0.291985089	-0.39950579	-0.278470332	2.65E-06	0.00018532
YGL02_GNYA1SO04H87NM	6.999884386	0.910906977	0.077376925	0.896006937	-0.350924324	-0.054936444	-0.808851659	8.25E-06	0.000384917
YGL02.10414.C1	7.483512522	0.910888211	0.226642993	0.553422303	-0.060526941	-0.173641627	-0.106978126	4.19E-05	0.0011571
YGL02.4930.C3	7.921223607	0.910763967	0.115303871	0.262084258	-0.301520427	-0.352533602	-0.298797369	1.29E-05	0.000508662
YGL02.13372.C1	5.317711233	0.910360128	-0.147308673	-0.292832397	-0.071971264	0.072972678	0.247165698	0.001513046	0.014398603
YGL02.23523.C1	7.407349203	0.91027842	0.094192995	-0.00637135	0.115446894	-0.187054176	-0.341160797	8.53E-07	9.18E-05
YGL02.12627.C1	7.50467978	0.910240055	-0.245869539	0.380975176	0.174927308	-0.26025109	-0.523710004	3.28E-05	0.000978485
YGL02_GNYA1SO04H4WI4	8.496036657	0.910078311	0.430755196	0.683291665	0.084473678	-0.098374825	-0.857829731	9.02E-06	0.000406179
YGL02.7192.C1	6.13266061	0.909916011	0.084399278	-0.019798241	-0.175506968	-0.036370209	-0.016407534	0.000591497	0.007360891
YGL02.17528.C1	3.456519029	0.909484031	0.235534152	0.684679797	-0.082428287	-0.044674989	-1.172896384	0.003291609	0.025042959
YGL02.12932.C1	9.720341356	0.908981277	-0.03125717	0.466668467	-0.036944955	-0.129126972	-0.357812046	1.40E-07	2.98E-05
YGL02_GNYA1SO04IW6MC	8.529819036	0.908779749	-0.553344965	-0.737135801	0.105218315	-0.017474804	-0.617678977	7.05E-05	0.001655941
YGL02.1845.C1	7.064136095	0.908749843	0.184849044	0.357229642	-0.189934874	-0.044245422	-0.404926143	1.61E-07	3.24E-05
YGL02_GNYA1SO04IJJ9Y	8.387659633	0.908604528	0.510304329	0.677064395	-0.111225225	-0.738997811	-0.874182761	0.000821111	0.00932901
YGL02.11029.C1	7.366808542	0.908547541	-0.348822786	1.061000536	-0.162586367	-0.152161641	-1.244753495	0.000673275	0.008087159
YGL02.18619.C1	6.588678874	0.908369082	0.07170488	0.596387014	0.072191205	-0.405598057	-0.888160395	0.003061157	0.023784316
YGL02_GNYA1SO04J0MCM	7.339365496	0.90832758	-0.001363147	0.221968703	-0.046665484	-0.195258393	-0.866714241	0.000250914	0.004023377
YGL02.7251.C1	6.457386958	0.908318845	-0.114887021	0.380845435	-0.179582924	0.018171235	-0.408814555	3.23E-06	0.000209783
YGL02.79.C1	8.246915711	0.908284454	0.09229191	0.04126431	0.325536865	-0.17934047	-0.234109111	1.31E-07	2.88E-05
YGL02.21365.C1	4.757007566	0.90754035	0.460722702	0.409325054	-0.355880702	-0.183495335	-0.546354557	0.002666154	0.021539879
YGL02.2188.C1	7.156864892	0.907350796	-0.10385586	0.093633399	0.332550013	-0.240108424	-1.008066735	0.000112141	0.002296341
YGL02.641.C1	7.116329408	0.907282965	-0.326370413	0.112910613	0.035908824	-0.01688596	-0.712467933	1.35E-05	0.000526261
YGL02.3149.C2	8.287927696	0.907231476	0.341964448	0.887858614	-0.191485404	-0.426693203	-0.693847452	2.64E-06	0.000184854
YGL02.6868.C1	2.870073359	0.90670863	-0.048979811	0.139793283	0.042682121	-0.757096536	-0.807196944	0.001803347	0.016315905
YGL02_GNYA1SO04JQI3W	7.203363961	0.906615015	0.208611496	0.904873432	-0.414828708	-0.082123621	-0.850717568	0.001129426	0.011676689
YGL02_GNYA1SO04IMWRI	3.147012281	0.906495441	0.17718692	0.814360765	-0.259580188	-0.638459925	-1.68787714	0.000412468	0.005715114
YGL02_GNYA1SO04IS1BE	8.729322628	0.906152405	0.729832454	0.524699986	-0.149312513	-0.308602022	-0.508337848	4.06E-07	5.68E-05
YGL02.10081.C1	5.121361603	0.906113781	0.633567897	0.471200034	-0.527184447	-0.800346844	-0.743365324	0.00634092	0.040182787
YGL02.21664.C1	6.816791257	0.905937628	0.22584969	0.372385881	-0.179605288	-0.343877234	-0.526939318	1.03E-05	0.000443146
YGL02.16480.C1	7.878384959	0.905829149	0.428069306	0.586468302	0.292277283	-0.344349984	-0.689717204	7.12E-06	0.000348571
YGL02_GNYA1SO04JIUO6	6.084322603	0.905783727	-0.020122154	0.557526539	-0.007912905	-0.23464995	-1.030424593	0.000474098	0.006288821
YGL02.3151.C2	6.081411096	0.905492673	-0.556832967	-0.16926837	0.597791412	-0.530618948	-0.439650765	3.28E-05	0.000978485
YGL02.11324.C1	6.43808363	0.905489704	0.101649838	0.535329594	0.091150491	-0.499515549	-0.669805712	2.36E-05	0.000776821
YGL02_GNYA1SO04I12WT	6.768915104	0.905129644	0.072452364	0.535932975	-0.458895653	-0.359566836	-0.509387589	3.96E-05	0.00111385
YGL02.9193.C1	8.462708574	0.905051976	-0.82760869	-0.205234049	0.150036184	-0.497869803	-1.009099978	9.92E-06	0.00043179
YGL02_GNYA1SO04JK2UZ	4.376083906	0.904976333	-0.111909133	0.620936425	0.081356024	0.0277869	-0.515530855	0.004718176	0.032480651
YGL02.11908.C1	9.606581575	0.904382271	0.423164879	0.668888121	-0.101491335	-0.292068392	-0.792938863	9.35E-07	9.69E-05
YGL02_GNYA1SO04JG836	6.291213965	0.904326437	0.139547112	0.17694904	0.089732307	0.117181218	-0.477645463	0.006005699	0.038688933
YGL02.546.C1	8.903609829	0.904286453	0.324348928	0.86661902	-0.149650023	-0.387344863	-1.047196858	5.04E-06	0.000278967

YGL02.17326.C1	7.365373534	0.903912103	-0.018455348	-0.019064315	0.092638157	-0.263250266	-0.149555737	2.67E-06	0.000185687
YGL02.7982.C1	7.598550983	0.903562951	0.323446146	0.235676256	-0.078321398	-0.174141122	0.146863457	7.27E-05	0.001693866
YGL02.14166.C1	6.825075178	0.903474311	0.189132047	0.671846961	-0.019740005	-0.481440457	-1.051148147	0.000157124	0.002897651
YGL02.5681.C1	5.599592543	0.90346396	-0.338361617	-0.110463748	0.19791223	-0.418765746	-0.704589378	0.000701374	0.008322773
YGL02.712.C2	8.146356371	0.903259691	0.456695813	0.631253209	0.075417858	-0.565048987	-0.96149277	0.002337723	0.019605106
YGL02_GNYA1SO04ICVOV	6.645206157	0.903186836	0.31492037	0.248590062	0.122491035	0.058264248	-0.487366481	8.28E-05	0.001859969
YGL02_GNYA1SO04IQJ79	6.452560217	0.90318675	0.317606078	0.638312748	-0.051992745	-0.301469629	-0.772182387	0.000104529	0.002186149
YGL02.5900.C2	8.730128191	0.903026417	0.008158639	0.336030867	0.346187228	0.112669778	-0.22384743	0.000358639	0.005182822
YGL02.18459.C1	6.13535033	0.903026359	-0.184356631	0.652600229	0.025830571	-0.400881427	-1.213169784	0.000302511	0.004606594
YGL02_GNYA1SO04JAFYA	7.245027608	0.902626887	0.360867193	0.368024266	-0.102556894	-0.310611177	-0.26772455	2.78E-05	0.000869812
YGL02_GNYA1SO04JB6YX	5.191376542	0.902448093	-0.187312234	0.125404367	0.260543035	-0.007896172	-1.017703476	0.000159098	0.002920733
YGL02.3759.C1	4.33309874	0.90235134	-0.743682699	-0.068722391	-0.266284839	-0.10100044	-0.365384851	0.005076897	0.034270592
YGL02.20004.C1	7.845222535	0.902308191	0.226684073	0.688281712	0.360513525	0.014542864	-0.454712821	5.28E-06	0.000287759
YGL02.64.C1	7.239416318	0.902302499	0.01670537	0.096558991	0.509414985	0.015486981	-0.214732775	0.000680051	0.008144377
YGL02_GNYA1SO04IIBX5	12.74383085	0.902175974	0.343622433	0.646458482	0.216012839	-0.27189581	-0.677291459	1.31E-06	0.000119752
YGL02_GNYA1SO04JNYFW	3.864715765	0.902032753	1.171447342	0.935414252	0.348370906	-1.145403578	-1.072072538	0.002832312	0.022515543
YGL02_GNYA1SO04IS80U	8.223669911	0.90187248	0.034966414	0.442775032	0.006556538	0.112201659	-0.039392207	1.10E-05	0.000461868
YGL02.15236.C1	5.744895546	0.901592208	0.31647641	0.312048849	-0.089290991	-0.434588607	-0.563145421	1.81E-05	0.000645034
YGL02.4822.C1	9.80508302	0.901409245	0.527142654	0.283477158	0.250285806	-0.199068383	-0.659097198	9.58E-07	9.83E-05
YGL02.23332.C1	5.799895363	0.901354592	-0.135149908	0.400068619	-0.04509175	0.062273985	-0.471121622	0.001000594	0.01071308
YGL02_GNYA1SO04H6A4K	6.717360924	0.901318046	0.251212076	0.62454507	-0.232204974	-0.352378228	-0.589975789	0.000200218	0.00343454
YGL02.18389.C1	6.20929232	0.901241773	-0.06616505	0.091047375	-0.018566391	0.005756525	-0.180099069	0.000144232	0.002734254
YGL02.9439.C1	7.603990544	0.900892929	0.247641645	0.506771	-0.091622142	-0.241319082	-0.784260162	9.15E-06	0.000410288
YGL02_GNYA1SO04I27WZ	5.852597608	0.900550134	0.363361781	0.564279296	0.126212174	-0.32746518	-0.653113458	0.001302634	0.012922344
YGL02_GNYA1SO04JNWG2	4.448121313	0.900128853	0.340295507	0.174067502	0.499202487	-0.898355517	-0.432787252	0.007585945	0.04574194
YGL02.11587.C1	8.887343398	0.899932194	0.352985239	0.869917937	-0.1460164	-0.445743784	-0.820376858	7.11E-06	0.000348284
YGL02_GNYA1SO04IEKGT	12.63084536	0.899777416	0.315204223	0.610159843	0.209418526	-0.134002925	-0.590507348	4.94E-06	0.000275287
YGL02.17591.C1	5.407867833	0.899680865	-0.040604261	0.534042027	-0.048379768	-0.46455209	-1.631779541	0.003299004	0.025081993
YGL02.10467.C1	5.909093228	0.899627918	0.325001771	1.117822385	0.059854765	-0.41649887	-0.664967874	0.000145127	0.0027456
YGL02.15687.C1	6.034036219	0.899438774	0.419537684	0.662649015	0.259860612	-0.540654779	-0.718743753	5.58E-05	0.001405255
YGL02.18177.C1	5.920438447	0.89939739	-0.190217267	0.174336094	-0.069189675	0.239312508	-0.893747902	0.003254066	0.024837581
YGL02.10051.C1	8.059302898	0.89926654	-0.269629085	-0.061245742	0.042837112	-0.002153153	-0.269086761	5.66E-05	0.001417834
YGL02_GNYA1SO04JHB88	5.040969898	0.899000614	0.158906819	0.28211867	0.174848002	-0.498738239	-0.870849724	0.005978701	0.03854569
YGL02.7715.C1	3.498422838	0.898753869	0.194863447	0.717945803	0.598212939	-0.127047304	-0.227178963	0.002982401	0.023322359
YGL02_GNYA1SO04H8VNZ	6.273637069	0.898736547	0.424073251	1.134745142	-0.062339293	-0.374184373	-0.700726698	0.000425145	0.00582869
YGL02.11470.C1	7.499575451	0.89799134	0.517735126	0.734547118	-0.18793084	-0.345060246	-0.448764601	2.77E-05	0.000869008
YGL02.16862.C1	5.824613129	0.897955366	-0.205779058	-0.054342459	0.033990193	-0.077731212	-0.185626674	2.67E-05	0.000846854
YGL02_GNYA1SO04JUN3A	9.253792481	0.897940276	0.18057455	0.578508107	-0.337781834	-0.120772241	-0.661189702	1.29E-05	0.000511113
YGL02.10646.C1	6.452650893	0.897810282	-0.881063479	0.348992763	0.327805122	0.069187386	-1.076220998	0.000569641	0.007170223
YGL02.5659.C1	8.762523974	0.897799492	0.31510556	1.110680792	-0.092476113	-0.291513589	-0.428935795	2.83E-05	0.000884217
YGL02.9792.C1	5.494312085	0.897716268	0.022050115	0.987715871	0.063482601	-0.047735166	-0.348013254	0.002960304	0.023196954
YGL02_GNYA1SO04JU9LD	7.23713367	0.897397591	0.258858707	0.526949333	-0.062246276	-0.047380119	-0.20278056	8.93E-05	0.00196339
YGL02.17071.C1	6.013026182	0.897219072	0.371429628	0.698359381	0.628276305	-0.415774114	-0.833428922	0.000845051	0.009517808
YGL02.14553.C1	7.761206609	0.896767372	-0.431484994	0.039457488	-0.228396617	0.010358731	-0.544109422	0.003428691	0.025759008
YGL02.13031.C1	11.37002625	0.896744885	0.405190392	0.551624867	0.082499444	-0.280912042	-0.92070501	2.48E-06	0.000177246
YGL02.18485.C1	4.461034529	0.896698509	0.073026118	0.536501834	0.25315623	-0.190195971	-0.847944358	0.001037811	0.011005745
YGL02.13084.C1	7.872081348	0.896652783	-0.058123624	0.48523394	-0.110999526	0.026380954	-0.513264943	7.08E-06	0.000347157
YGL02_GNYA1SO04ITU8B	5.940536333	0.896632124	0.324961481	0.588014332	0.550116225	-0.220009273	-0.444763528	0.000699641	0.008312109
YGL02.13234.C1	5.718480605	0.896524405	0.26463231	0.907126505	-0.505952841	0.054584288	-0.85915117	0.008146349	0.048126571
YGL02.3028.C1	5.814701071	0.896481342	0.05551895	0.050143412	-0.144140057	-0.051210088	-0.410026805	0.002617565	0.021250638
YGL02_GNYA1SO04JSJTQ	6.85391666	0.896371371	-0.106427507	0.768264943	0.563459527	-0.221784915	-1.086916191	0.000473677	0.006285492
YGL02.2059.C1	6.875891159	0.896360369	0.001756248	0.020572908	-0.080704691	-0.019219645	-0.12532189	2.36E-06	0.000172609
YGL02.8435.C2	7.016995527	0.896021774	0.014631499	0.345141322	-0.225978102	0.152561505	-0.671234545	4.50E-06	0.000259215
YGL02_GNYA1SO04IQ91F	6.488924575	0.895991996	0.569226718	0.361776709	0.003888034	-0.114172258	-0.070107935	0.000186688	0.003265653
YGL02.20355.C1	7.861899292	0.895809153	0.296437967	0.557853903	-0.146234849	-0.331288915	-0.423835991	1.89E-06	0.000150888
YGL02.312.C1	8.688027502	0.895763572	-0.085027607	0.467611387	0.028223899	-0.013043172	-0.92593832	6.89E-05	0.001627833
YGL02.8044.C1	6.851473603	0.895473553	0.271360394	0.158537433	0.134150091	-0.282977082	-0.058577935	6.56E-05	0.001569784
YGL02_GNYA1SO04IPJZH	7.354651944	0.895465558	-0.404701293	0.107402493	-0.192863598	0.16088523	-0.554491594	4.05E-06	0.000243064
YGL02_GNYA1SO04I43FR	6.10472404	0.895299627	0.406558475	0.241787642	0.02522581	-0.832490148	-0.492232263	0.00038923	0.005488282
YGL02.2587.C1	7.517967615	0.895100973	-0.0566423	0.40399315	-0.131671552	-0.187288323	-0.543872544	1.42E-07	3.03E-05
YGL02.2369.C1	6.597540188	0.895020058	0.580730165	1.258383489	-0.279628977	-0.354239383	-0.828815814	2.80E-05	0.000875791
YGL02.7533.C1	4.874176903	0.894836776	1.108195646	1.246103707	0.01589474	-0.657301102	-0.665558183	0.001451462	0.013973773
YGL02.18649.C1	5.210787169	0.894571422	0.104831976	0.725018715	0.109810195	-0.361703495	-0.677774356	0.000454691	0.006106142
YGL02_GNYA1SO04I2XAV	7.442704677	0.894535913	0.064847183	0.743962032	-0.104775395	-0.382810775	-0.65724677	3.65E-07	5.30E-05
YGL02_GNYA1SO04I8VZY	5.315251021	0.894172517	0.106767261	-0.4935891	0.136789979	-0.325734829	-0.112654367	0.001566653	0.014763486
YGL02_GNYA1SO04IHIEB	5.562053178	0.893924677	0.348975548	0.29277692	-0.424665937	-0.995254579	-1.03469385	0.000586214	0.007314139
YGL02_GNYA1SO04H8AIT	7.457113976	0.893903478	0.189216558	0.657334755	-0.342931933	-0.181267045	-0.714245026	0.005374074	0.035708908
YGL02_GNYA1SO04IB6NY	6.333698412	0.89386212	0.056695488	0.248634189	-0.097985588	-0.322673782	-1.050696704	0.001919187	0.017053004
YGL02.14764.C1	8.929250897	0.893610186	0.657502858	0.972733463	0.000280924	-0.58084411	-0.901883185	2.29E-05	0.000762277
YGL02.22253.C1	4.034799385	0.893445474	0.416898968	0.473917989	-0.120720594	-0.476067866	-0.518496043	0.001229649	0.012405303
YGL02.13706.C1	9.245325562	0.893323277	-0.010493923	0.432491018	-0.074678416	-0.383994506	-1.010066097	6.25E-06	0.000319869
YGL02.6284.C2	8.459316453	0.893314411	-1.071686939	-0.565473458	0.148872078	0.397166787	-0.583965088	0.000183021	0.003218465
YGL02_GNYA1SO04JY17K	6.826778657	0.893175658	-0.276352352	0.224840544	-0.301558118	-0.080824915	-0.548641099	0.002940486	0.023087767
YGL02_GNYA1SO04IC9RH	6.798264994	0.892970799	0.320175085	0.290309863	-0.239429796	-0.332420271	-0.303300868	3.65E-05	0.001056708
YGL02_GNYA1SO04I192M	6.827785504	0.892954691	0.601483634	1.265330233	0.026090859	-0.389005854	-1.195415118	3.19E-05	0.000960116
YGL02.11208.C1	7.286541409	0.892835959	0.352963263	0.547418228	0.210437211	-0.3392207	-0.325679059	7.87E-06	0.000372433
YGL02_GNYA1SO04H8SEO	6.184909452	0.892809957	0.684850315	0.64643406	-0.23956166	-0.592122363	-0.584592954	0.000175007	0.003125501
YGL02.20618.C1	7.650733266	0.892686663	-0.579654162	0.207533753	-0.289220082	0.039539174	-1.080088993	5.55E-05	0.001399514
YGL02_GNYA1SO04JYBKS	7.929066114	0.892463922	-0.381381539	0.545281667	0.232059206	-0.101513922	-0.67188798	0.000795595	0.009116701
YGL02_GNYA1SO04IK2NH	4.843611901	0.892453674	0.998892587	0.726436771	0.169365056	-0.580140662	-0.642486606	0.002225891	0.018925086
YGL02_GNYA1SO04IF54O	6.543630865	0.892441862	0.448918237	1.353047106	-0.101898217	-0.194606497	-0.911994836	0.000280017	0.00436203
YGL02.15705.C1	3.729344282	0.892364756	-0.590609907	0.426083413	0.074068569	0.480283044	-0.236376028	0.008144192	0.048120696
YGL02_GNYA1SO04IF9TL	4.416341348	0.892235529	1.633351245	1.05498104	0.341155497	-0.917060941	-0.883117848	0.002997752	0.023413895
YGL02.22460.C1	5.632638934	0.892206421	-0.147301151	0.099193715	-0.050458917	-0.127462344	-0.228242531	0.000661035	0.007977874
YGL02.20995.C1	6.489432771	0.892189574	-0.166703798	-0.048542687	-0.015978962	-0.09473801	-0.15447303	8.07E-05	0.001823988
YGL02.19100.C1	8.384539446	0.892012737	0.29579387	0.613667745	-0.080529574	-0.112000923	-0.627249914	3.14E-07	4.86E-05
YGL02_GNYA1SO04JNRWT	5.990068507	0.891968579	0.566870305	0.399723923	0.30390978	-0.526708469	-1.005334017	0.00624055	0.039735355
YGL02_GNYA1SO04IA1P1	6.623446237	0.89135877	0.523128975	0.970323692	-0.203330925	-0.209513478	-1.249985472	0.000134254	0.002599515
YGL02.9556.C1	7.263626729	0.890931789	0.158279043	0.179392941	-0.093104118	-0.224285707	-0.28296062	5.84E-05	0.001450841
YGL02.17029.C1	5.734072852	0.890912614	0.311277613	0.592513886	-0.480427198	-0.463433046	-0.468155188	0.000114771	0.002331393

YGL02.22051.C1	7.489313183	0.890602954	0.674917384	0.878328511	-0.338635613	-0.415293524	-0.648588005	3.92E-07	5.53E-05
YGL02.10062.C1	6.505285747	0.890565818	0.241865638	0.43384318	0.379540042	-0.199939636	-0.588880672	4.63E-05	0.001238568
YGL02_GNYA1SO04ING5A	6.816120822	0.890221041	0.528420324	0.825003847	-0.427680504	-0.246803671	-1.224391226	0.000406007	0.005650411
YGL02.12597.C1	6.563895404	0.890014585	0.223044884	0.851206992	-0.37652363	-0.338235596	-1.069321923	0.000350247	0.005100364
YGL02.10503.C1	5.127759237	0.889859479	0.277255908	0.707503221	-0.092666615	-0.557088791	-0.809089667	0.002681618	0.021630977
YGL02.15581.C1	10.04544054	0.889441716	0.063398764	0.758110583	-0.034100021	-0.231385332	-0.746377579	1.14E-05	0.000470623
YGL02_GNYA1SO04JASY8	5.478754795	0.888899411	-0.090788075	0.396256494	0.408480609	-0.188871007	-0.774388338	0.000146421	0.002762419
YGL02_GNYA1SO04I5V5S	5.601982509	0.88875525	0.293027058	0.106271286	-0.338034784	-0.613973007	-0.688066503	0.002928621	0.023039309
YGL02_GNYA1SO04IB61P	6.922727207	0.888380276	0.11375029	0.438978964	0.120578729	-0.366504247	-0.444832967	0.000179636	0.003175772
YGL02_GNYA1SO04IYIRH	8.641197899	0.888370336	0.03378348	0.170399615	0.2709287	-0.03410656	-0.331891833	9.65E-07	9.86E-05
YGL02.18070.C1	6.05748648	0.888298403	0.191088541	0.233818312	-0.327619057	-0.40770132	-0.712019484	0.00022129	0.00368953
YGL02_GNYA1SO04IZFZY	8.742761486	0.887901845	-0.010638389	0.110600861	0.012713726	-0.20945538	-0.423310086	0.00039777	0.005574109
YGL02.15093.C1	2.754397153	0.887865092	0.065232016	0.386767328	0.138071134	-0.570414129	-1.079474643	0.001085099	0.01133849
YGL02_GNYA1SO04I0ND9	5.794184608	0.887862076	0.496057691	0.884661443	0.037685857	-0.342645129	-0.437663405	2.47E-05	0.000800726
YGL02_GNYA1SO04IG75W	5.171171406	0.88783109	0.372424348	1.432710977	0.234912268	-0.131162135	-1.599418257	0.000516893	0.006682481
YGL02.13733.C1	6.793272332	0.887760157	0.224970455	1.262487972	0.48890924	-0.538583465	-1.304398754	1.69E-05	0.000616176
YGL02.12275.C1	8.977907488	0.887688468	0.35066766	0.735161557	-0.097876472	-0.212623376	-0.46395345	2.27E-07	3.95E-05
YGL02.17300.C1	5.103257956	0.887424621	-0.559631107	0.624693164	-0.019033083	0.336647157	-0.481677997	0.000133764	0.002596241
YGL02_GNYA1SO04INK7Z	6.652370939	0.887423437	-0.986752726	-0.420599145	0.010880753	0.163219318	-1.361572044	0.000232058	0.00380826
YGL02.10063.C1	8.39185387	0.887374426	-0.24704175	0.249383826	0.349965298	-0.433322945	-0.621451344	2.24E-06	0.000166499
YGL02.14383.C1	6.898904601	0.886825963	0.219091401	0.146027055	-0.060293037	0.048919263	0.002410685	3.25E-06	0.000210462
YGL02.4872.C1	11.23449211	0.886439241	0.360552143	0.675378433	-0.434306579	-0.19465203	-0.762550517	7.05E-06	0.000346691
YGL02_GNYA1SO04IO1US	6.904278825	0.886324225	-0.151770103	0.126187825	-0.337443429	-0.176954589	-0.565443147	0.000301284	0.004593787
YGL02_GNYA1SO04I3U19	5.198394906	0.886279907	0.027747554	-0.045315236	0.228947586	-0.142500493	0.068826087	0.001963242	0.017331482
YGL02_GNYA1SO04IVP9A	7.773060584	0.88627142	-0.232158846	0.261104961	0.196221006	-0.097857131	-0.774674473	0.000360211	0.005195066
YGL02_GNYA1SO04I0X22	6.389250384	0.886114102	0.000851036	0.664301644	-0.340651323	-0.219159554	-0.497487129	0.002533938	0.020777523
YGL02_GNYA1SO04I6L27	10.41369034	0.886112674	-0.263261526	0.211272549	0.129481418	-0.333157844	-0.380213785	6.64E-06	0.000333576
YGL02_GNYA1SO04JX0JI	5.194175908	0.886009425	0.710586352	0.858569899	-0.614099287	-0.939419047	-0.719489198	0.001019804	0.010857286
YGL02_GNYA1SO04IDEUQ	5.631350809	0.885998642	-0.138057105	0.698184561	-0.045651991	-0.018457095	-0.742796502	0.00647022	0.040772717
YGL02.7073.C1	9.423610144	0.885993986	0.33909711	0.734160462	-0.004640903	-0.187046246	-0.83856662	4.21E-05	0.001159971
YGL02.23180.C1	6.725757138	0.885972817	-0.10160921	0.225034141	-0.306859052	-0.519594871	-1.000003978	5.96E-05	0.001468823
YGL02_GNYA1SO04II7YH	4.882883989	0.885944972	0.873669811	1.134258155	-0.231864725	-0.522955629	-1.330824672	0.004423927	0.030975341
YGL02_GNYA1SO04ITVOP	5.661455984	0.88571977	0.119906931	0.71915136	0.245512029	0.077486213	-0.5270339	0.002536733	0.020793861
YGL02_GNYA1SO04IL1BW	6.67106985	0.885370978	-0.437368399	-0.110354706	-0.123687198	0.058541951	-0.652156814	0.004972292	0.033757964
YGL02.2045.C1	6.585203385	0.885027196	0.659032053	-0.140513971	0.083746472	-0.744710808	-0.630830555	8.70E-05	0.001924649
YGL02_GNYA1SO04IBY1W	9.18391554	0.885004705	0.63088435	1.12611713	-0.084522713	-0.410883051	-0.646515973	1.24E-05	0.000497831
YGL02.13020.C1	5.763988949	0.884789406	0.152580629	0.723080568	-0.324983715	-0.010783251	-0.658854876	0.002649253	0.021442028
YGL02.1091.C1	3.927473818	0.884387452	1.140209486	0.562774039	0.284492367	-0.771427479	-0.586355746	0.006076492	0.039016878
YGL02_GNYA1SO04JWAIV	7.642700178	0.884077335	-0.282271824	-0.895721427	-0.353946877	0.343902989	-0.058011902	0.001469779	0.014097712
YGL02_GNYA1SO04JO93H	6.568133739	0.884073749	0.779416074	0.741073665	0.011262031	-0.62299441	-0.622190634	4.24E-05	0.001166144
YGL02.7956.C1	5.494795171	0.883881292	0.270167897	0.72086301	-0.115371498	0.047235614	-0.792372156	5.24E-05	0.00134324
YGL02.21428.C1	8.80677773	0.883878558	0.458743135	0.60766174	-0.30998474	-0.328858706	-0.4571422	8.78E-06	0.000399638
YGL02_GNYA1SO04H7OHZ	3.829236108	0.883818429	-0.583734298	-0.668107214	0.252929287	0.152180337	-0.234589184	0.006707426	0.041833887
YGL02.4621.C2	4.467811878	0.883515867	1.052983372	1.205311317	0.251311599	-0.720026218	-1.000860762	0.00016234	0.002961766
YGL02_GNYA1SO04IJ6EE	13.46301254	0.88286018	-0.00558104	0.337857166	-0.303669802	-0.640418706	-1.159821308	3.50E-06	0.000221177
YGL02.10758.C1	6.393185985	0.882617866	-0.326442345	0.03532306	0.20149749	-0.017310884	-0.419190849	6.02E-07	7.26E-05
YGL02_GNYA1SO04JQBP5	5.831855396	0.882489302	-0.3860044	0.083010901	0.846319939	0.322769048	-0.317375974	0.00022616	0.003740864
YGL02.1089.C1	7.328953956	0.882403267	0.140776282	0.403630703	-0.591264537	-0.402087046	-1.26091332	7.27E-05	0.001693866
YGL02.18185.C1	6.107192733	0.882172698	0.019341612	0.289293982	0.105893947	0.010007511	-0.650988794	4.91E-06	0.000274016
YGL02_GNYA1SO04IO7U1	7.469338601	0.882156934	0.288676183	0.570713992	-0.035468387	-0.204288315	-0.56244242	2.66E-06	0.000185677
YGL02.5526.C1	9.688316834	0.881843601	0.153686304	0.850578151	-0.082891677	-0.143041379	-0.981440459	8.33E-06	0.000386927
YGL02.5121.C1	6.441208761	0.881682437	0.210711435	0.102301442	-0.01562526	-0.164083438	-0.370412907	0.001936422	0.017162577
YGL02.11493.C1	8.954521332	0.881584974	0.065378487	0.120217163	0.11659088	-0.10029101	-0.32546124	2.95E-06	0.000197862
YGL02.5030.C2	6.361625602	0.881411257	0.148420445	0.502021696	-0.126661388	-0.271704906	-0.893332437	0.000166388	0.003011874
YGL02.21963.C1	3.278217315	0.881244511	0.037736029	0.140496724	0.114260586	-0.443702249	-0.075307118	0.005592259	0.036779349
YGL02_GNYA1SO04IKZJI	12.1454017	0.881209713	0.456584751	0.745792807	-0.031289904	-0.123228918	-0.529720539	0.001316633	0.013012567
YGL02.1728.C2	6.133799035	0.881162937	0.438484451	0.568267175	-0.016632447	-0.445203393	-0.594038697	1.35E-05	0.000526261
YGL02.21014.C1	4.846088774	0.881069229	0.408947609	0.846355396	-0.169191003	-0.726540692	-0.596040384	0.002876139	0.02275499
YGL02.18417.C1	7.846244165	0.880758939	0.49524544	0.674511232	-0.258792227	-0.201223653	-0.475063007	2.98E-06	0.000198699
YGL02_GNYA1SO04H1YZH	2.985239842	0.880710771	0.318609299	0.036803438	0.0444173	-0.912655585	-0.776963233	0.003820518	0.027844931
YGL02.14543.C1	6.203087573	0.88032207	-0.013284814	0.734271385	0.081824018	-0.400555387	-1.472386935	0.000105582	0.002202137
YGL02.8920.C1	8.422766271	0.880171366	0.183746327	0.372181984	-0.323646849	-0.37918788	-0.248380345	2.82E-06	0.0001928
YGL02_GNYA1SO04ICYAA	6.488028728	0.880105116	-0.194783229	-0.23380388	0.007589859	-0.330409504	-0.745030752	0.000214567	0.003602946
YGL02_GNYA1SO04JD8P3	5.991110638	0.879997471	0.852600235	1.470419513	0.115478211	-0.555110505	-0.919610431	0.000808316	0.009227573
YGL02.12541.C1	8.144121532	0.879980357	0.217007039	0.29709786	-0.209967149	-0.456533099	-0.604018074	3.69E-05	0.001062549
YGL02_GNYA1SO04IVNQA	7.49186464	0.879806354	0.362723651	0.67438226	-0.016042611	-0.421546281	-0.44736433	3.36E-05	0.000994396
YGL02.7458.C1	7.225533031	0.879577	-0.877156485	-0.501165026	0.605905716	-0.539403317	-0.356485637	0.006137322	0.039267282
YGL02.15276.C1	2.879141278	0.879488479	0.148236548	0.031449227	0.087633332	-0.731309908	-0.792909229	0.002954287	0.023163825
YGL02.7553.C1	8.339116976	0.879333622	-1.063805473	-0.392109426	-0.142550014	-0.089200716	-1.193560137	5.31E-05	0.001356747
YGL02.6891.C3	7.582086951	0.879272512	-0.911530946	1.020774613	-0.211476442	-0.467159319	-0.236854841	0.001662919	0.01538724
YGL02.2880.C2	6.383960974	0.878439678	-0.284579822	0.548956034	-0.36180214	0.094102642	-0.836904531	4.03E-05	0.001126477
YGL02.1500.C1	8.398227114	0.878315943	0.395952798	0.757323716	0.039343526	-0.179353463	-0.652197489	4.37E-05	0.001191891
YGL02_GNYA1SO04IUR3O	9.067076416	0.878249921	0.228656629	0.478801588	0.01948415	-0.189012711	-0.561394646	6.04E-06	0.000313174
YGL02.16140.C2	9.352792373	0.878020484	0.234914013	0.452792617	-0.166113534	-0.462507965	-0.49046413	3.27E-07	4.97E-05
YGL02_GNYA1SO04JPHK8	6.864950121	0.877851907	-0.026714161	-0.032492086	0.02533273	0.067793958	0.19947623	4.91E-05	0.00128655
YGL02_GNYA1SO04JTOM8	6.081344931	0.877850324	0.330197504	0.714171829	-0.304422203	-0.828996309	-1.286747391	0.000195649	0.003377341
YGL02.7940.C1	7.648264992	0.877796257	0.231625162	-0.462589455	-0.183314361	-0.201388954	-0.833565247	2.71E-06	0.000187678
YGL02_GNYA1SO04JCP4O	8.276918646	0.877731721	-0.137826259	0.046862216	-0.131405726	-0.059581434	-0.199626634	2.90E-05	0.000899404
YGL02.14953.C1	2.803828688	0.877247349	0.022758717	-0.066162124	0.143752458	-0.254119493	-0.450677334	0.004986648	0.033830681
YGL02.1978.C1	6.429182108	0.876889788	-0.05083271	0.59739784	0.393017635	0.215993011	-0.589468617	0.000486226	0.006402052
YGL02_GNYA1SO04I0LKC	8.221575909	0.876839249	-0.07471213	0.282998349	0.102761548	-0.047347184	-0.613844813	5.89E-05	0.001458511
YGL02.2138.C1	9.589838483	0.875727727	0.20992209	0.550875999	0.277158139	-0.105875753	-0.504227346	3.96E-05	0.001113733
YGL02.22077.C1	2.561137047	0.87562039	0.135987178	0.081901184	0.47268875	-0.381883878	-0.424816003	0.000593756	0.007380686
YGL02.4622.C3	7.696258809	0.875523754	0.311076025	0.040140161	0.018674479	-0.23080013	-0.340783831	0.000217985	0.003645228
YGL02_GNYA1SO04H8N5X	7.664610742	0.875368346	0.420786586	1.383941788	0.263089541	-0.132277306	-0.74296055	9.57E-07	9.83E-05
YGL02.4655.C1	6.91733814	0.875321981	0.466642474	-0.049514543	-0.340696196	-0.519472277	-0.845452253	0.000164384	0.00298602
YGL02.4067.C1	7.574515182	0.87507902	0.386694557	1.120778221	0.106211768	-0.738124754	-1.515598373	0.008045231	0.047701108
YGL02_GNYA1SO04H8CZN	12.53633055	0.875035551	0.350529285	0.60555048	0.266376672	-0.093652934	-0.515918526	7.37E-05	0.001708859
YGL02.19757.C1	2.866743932	0.874679907	0.106509491	0.393304563	0.139268041	-0.883487289	-1.00440208	0.007467233	0.045237197
YGL02_GNYA1SO04JHRZX	5.914308469	0.874471735	0.064855284	-0.326254547	-0.102110944	-0.20805151	-0.376335129	0.00768582	0.046181186

YGL02.8078.C1	8.244930356	0.874343381	-0.194896108	0.453405492	-0.131234076	-0.184917975	-0.802700778	8.43E-07	9.10E-05
YGL02.1532.C1	9.069939796	0.874341938	0.325827633	1.008881489	0.18535419	-0.377049183	-0.844208503	3.23E-06	0.000209702
YGL02_GNYA1SO04I14IN	7.817728595	0.874252485	-0.380360286	-0.226003245	0.355139312	-0.395809622	-0.476734565	0.000278469	0.004343661
YGL02_GNYA1SO04ICKDR	5.870266193	0.874246863	0.449805205	0.899626005	-0.031371293	-0.534366482	-0.893765388	0.006988709	0.043049162
YGL02.6769.C2	4.351685508	0.874231847	1.03162755	0.74933526	0.301671364	-1.100344428	-0.47074709	0.007740102	0.046416756
YGL02.9890.C1	5.999258535	0.874023738	0.532982034	0.215841348	0.039760018	-0.243696199	-0.516789564	0.002028698	0.017725656
YGL02_GNYA1SO04JX9N3	6.847744676	0.873848417	-0.024954454	0.104449774	-0.418709375	-0.066076969	-0.369777713	0.002097294	0.018129688
YGL02_GNYA1SO04IHGAW	8.200522145	0.873777467	0.440680021	0.997573067	-0.094912852	-0.273854179	-1.315505265	0.000152544	0.002837587
YGL02.5763.C1	10.30660383	0.87373552	0.246808058	0.273235792	-0.176311738	-0.108377644	-0.551916187	1.28E-06	0.000117946
YGL02_GNYA1SO04IQM6C	7.300341782	0.873129471	0.271158786	0.461446181	-0.039079485	-0.182264891	-0.371804516	3.86E-06	0.000235581
YGL02_GNYA1SO04JTE5F	7.62699718	0.872917968	-0.341002323	0.092894005	-0.158028216	0.059787792	-0.161596189	2.65E-07	4.32E-05
YGL02_GNYA1SO04IUW67	6.605408233	0.872610279	-0.178306747	0.360592581	0.058814566	-0.070302639	-0.673278829	0.000265311	0.004191526
YGL02.256.C1	6.974109851	0.872174147	0.220931704	0.195242853	-0.20904265	-0.175311479	0.038518616	0.003146244	0.024256218
YGL02_GNYA1SO04JRYKP	7.420611919	0.872138851	-0.346891506	1.057284425	-0.153102755	-0.183248828	-1.243286685	0.000247338	0.003981819
YGL02_GNYA1SO04ISS4H	6.572916757	0.872091808	0.316766873	0.335686945	0.400674244	-0.155194374	-0.302279152	1.21E-05	0.000488732
YGL02.9125.C1	6.049509851	0.87201009	0.521239539	0.526702833	-0.39870839	-0.747883837	-0.910157122	0.004368846	0.030695546
YGL02_GNYA1SO04IB3Q2	5.039253818	0.871968734	0.349367604	1.020463039	-0.215095638	-0.397488288	-0.456299267	0.006260091	0.039820619
YGL02.5254.C1	5.133358149	0.87185406	-0.53183253	-0.634808602	0.428161212	-0.200901423	-1.044561696	0.003862829	0.028061701
YGL02_GNYA1SO04JW397	7.868129789	0.871523884	-0.386730385	0.244988654	-0.134135476	-0.342382752	-0.895889123	3.23E-06	0.000209702
YGL02_GNYA1SO04H6EM1	11.52952429	0.871514528	-0.042240283	0.337117226	-0.289606833	-0.079429496	-0.735762262	5.41E-05	0.001373707
YGL02.8650.C1	6.623456411	0.871256211	-0.277403015	0.267068843	-0.214365335	-0.264664837	-0.773968969	0.000157032	0.002896759
YGL02.10804.C1	13.45774111	0.871181253	0.25940411	0.490429144	0.153026739	-0.179187572	-0.626998158	4.12E-08	1.61E-05
YGL02.8128.C1	8.895460168	0.871138262	0.056920802	0.348500916	-0.033917016	-0.085331315	-0.247971304	1.46E-06	0.000127907
YGL02.11663.C1	8.224602481	0.871049164	0.376140207	0.472221379	0.036859893	-0.097953422	-0.187446175	0.000231303	0.003798759
YGL02.23559.C1	8.17366452	0.871038054	0.003417749	0.527937191	0.134060253	-0.212995372	-0.658758729	1.94E-05	0.000678737
YGL02.7044.C2	7.762018003	0.870883574	-0.256652082	0.508021435	-0.001268597	-0.242422192	-0.616954174	2.76E-05	0.000865159
YGL02.8476.C1	9.940835442	0.870725995	0.056825124	0.431335516	-0.085407743	-0.222235137	-0.953108476	3.63E-06	0.000226608
YGL02_GNYA1SO04H99OT	8.337609495	0.870187762	0.086991747	0.069552745	-0.050406768	-0.15655126	-0.457311583	0.00020485	0.003483146
YGL02_GNYA1SO04IXRXV	6.107526025	0.869968226	0.21402451	0.078512304	-0.342568578	-0.212648109	-0.071397666	0.002401523	0.019994338
YGL02.1009.C1	5.837109798	0.86980386	0.24586718	0.140770567	-0.134475289	-0.19872941	-0.020704414	8.85E-06	0.000401647
YGL02.7890.C2	5.61360662	0.869697403	0.23150171	0.403284069	0.006590384	-0.165031923	-0.389227353	4.52E-05	0.001220699
YGL02.3601.C1	8.932386512	0.869381918	0.455721693	0.328351989	-0.197522136	-0.72632558	-0.52139989	0.000220903	0.003684031
YGL02_GNYA1SO04JJDUK	6.312648262	0.869284366	0.061599923	0.277483644	-0.047615833	-0.099228257	-0.589737729	0.000567783	0.0071547
YGL02.15258.C1	4.410682249	0.869240865	-0.105610447	0.041879983	-0.231344982	0.039374459	-0.765327944	0.000140179	0.0026794
YGL02.12255.C1	4.689459357	0.869021921	0.307886612	0.393076616	-0.555452631	-1.126155433	-1.049609375	0.002412415	0.020063099
YGL02.14923.C1	6.975362371	0.868781235	0.217907172	0.160987848	-0.169599971	-0.228904563	-0.099298919	2.53E-07	4.22E-05
YGL02_GNYA1SO04JWESS	5.853297853	0.868564584	-0.270489826	0.046040729	0.417850834	0.223280013	-0.377749228	0.001495659	0.014270894
YGL02.19299.C1	7.126514276	0.868116302	0.171976131	1.25790571	0.314159094	-0.224272041	-0.742318848	0.000294468	0.004515985
YGL02.15466.C1	6.666001817	0.868010972	-0.16385385	0.102863161	0.039710754	-0.428033638	-0.919525473	0.002478452	0.020458572
YGL02.7255.C1	7.226221937	0.867919969	0.077264573	-0.190216958	-0.004765308	0.005892763	0.095207674	1.71E-05	0.000619489
YGL02_GNYA1SO04ION1L	5.753756523	0.867757833	0.267370146	0.305099258	0.228525801	-0.540944194	-0.677007617	0.000356092	0.005155179
YGL02.15776.C3	8.498846194	0.867191912	0.520281358	0.847319389	-0.179921129	-0.281978056	-0.91117643	1.75E-06	0.000143751
YGL02.19859.C1	8.220650323	0.866859377	0.480752773	0.581292131	-0.056635082	-0.269379957	-0.494908205	8.94E-05	0.001965269
YGL02.11744.C1	8.067933592	0.866856743	-0.009964028	0.473216195	-0.063445448	0.087600433	-0.50729638	4.61E-05	0.001234788
YGL02.9001.C1	2.841410011	0.8668312	0.065330488	0.225313199	-0.004967	-0.631614012	-0.915214913	0.001841513	0.016564668
YGL02_GNYA1SO04IL7BH	5.986122272	0.86676595	-0.230863722	0.700888861	0.09317133	0.192513112	-0.605034955	0.000619195	0.007608345
YGL02.8764.C1	5.338618789	0.866557316	0.908895326	0.525341313	0.550272165	-0.248847152	-0.311318813	0.002939761	0.023087672
YGL02_GNYA1SO04JZM25	8.418154925	0.866158923	0.001934937	0.407581602	0.382303771	-0.110919876	-0.833411689	0.00012316	0.002451801
YGL02.16183.C1	4.670361696	0.866096836	0.263302085	0.237332753	-0.080057186	-0.238958642	-0.523653026	0.000678806	0.008133224
YGL02.19573.C1	9.278791111	0.865918972	0.104544153	0.752842637	-0.143721848	-0.258243354	-1.098992597	0.001164519	0.011933422
YGL02.11053.C1	7.242529285	0.86588871	-0.126825589	-0.025481472	-0.116126261	-0.18882295	-0.273948618	1.42E-05	0.000548508
YGL02.885.C1	8.699657584	0.865291795	0.107360069	0.814267647	0.043653523	-0.230849767	-1.236569096	1.99E-05	0.000692097
YGL02_GNYA1SO04I0JMY	9.230076645	0.865275151	0.007341636	0.317353223	0.170333962	-0.036061304	-1.003945721	0.001357491	0.013305135
YGL02.6433.C1	3.205871817	0.865256118	0.559443118	0.689277692	-0.338496708	-1.314299782	-0.673945514	0.006673329	0.041681451
YGL02.21701.C1	8.482413598	0.865239075	-0.038353362	-0.078104404	-0.094093638	-0.205856844	-0.123921756	1.95E-06	0.000153459
YGL02.20634.C1	6.44421926	0.864792078	0.265095906	0.15086063	-0.321737996	-0.005058661	-0.164448893	0.00044988	0.006061651
YGL02_GNYA1SO04H9UYZ	10.09902392	0.864755315	-0.196375696	0.347530186	-0.139973183	0.004910714	-0.786514741	0.000233747	0.003828218
YGL02.20900.C1	4.944455232	0.864734174	-0.121666323	0.18727571	-0.055487759	-0.461318681	-0.981919723	0.006838355	0.042382784
YGL02.17485.C1	4.776862325	0.864444235	0.678641014	0.467975815	0.17877734	-0.246278387	-0.108564377	0.000110684	0.00227838
YGL02.2853.C2	8.969172227	0.864408721	0.373809963	0.548743359	0.074332013	-0.182593216	-0.367951865	8.90E-07	9.38E-05
YGL02.2849.C1	8.293916085	0.864126062	-0.322391377	0.452770289	0.252298565	-0.112910777	-0.529711277	0.001445973	0.013936122
YGL02_GNYA1SO04IZKB4	3.484615676	0.864039081	0.584365608	1.63430156	0.909003653	-0.070372037	-0.943746593	0.005133835	0.03453491
YGL02.22188.C1	3.160144059	0.8638369	-0.037715573	-0.190718793	-0.127767034	-0.25626957	-0.417154597	0.006832742	0.042366541
YGL02_GNYA1SO04INW41	6.086050299	0.863719733	0.664301826	0.46701652	-0.240560318	-0.491730603	-0.433886024	0.000222231	0.003696709
YGL02.15918.C1	5.833983243	0.863529895	0.577897954	-0.022636156	0.164409257	-0.795584452	-0.098652794	0.001260359	0.012619535
YGL02_GNYA1SO04JJ8NA	9.558919704	0.86333381	0.274090299	0.619058552	-0.017295308	-0.278057646	-0.840785589	1.99E-06	0.000155337
YGL02.7407.C1	7.046473589	0.863275792	-0.033659097	0.316888166	-0.015840866	0.009070046	-0.245864662	7.78E-05	0.00177741
YGL02.15920.C1	5.360415489	0.863110988	1.583870126	3.416114598	-0.214878496	-0.703765775	-0.745766288	5.27E-05	0.001349193
YGL02_GNYA1SO04JPHO4	2.759042212	0.863041154	0.314156985	0.016694827	0.291215664	-0.576028211	-0.469099957	0.008284397	0.048660205
YGL02.4997.C2	6.585260658	0.862608838	0.144384609	0.802513263	0.064079615	-0.096776258	-0.581174407	0.000124823	0.002473111
YGL02_GNYA1SO04II03T	6.81911957	0.862156671	0.097774375	0.219350892	0.138489199	-0.477717025	-0.737101214	0.000254116	0.004060648
YGL02.3753.C1	7.268225752	0.861869053	0.504522152	0.377255406	-0.010385496	-0.327807894	-0.364875768	0.000178938	0.003166696
YGL02_GNYA1SO04I3ENR	5.956602203	0.861847118	-0.011796447	0.328994078	-0.064889757	0.148636802	-0.073462275	0.007512213	0.045439545
YGL02.3389.C1	7.287007092	0.861733017	0.122009455	-0.284523107	-0.116970609	-0.270852806	-0.256341674	1.73E-06	0.000142845
YGL02.19469.C1	6.609359457	0.86147037	-0.193383068	0.222424416	-0.010506737	0.09311975	-0.25087946	0.002755414	0.022076354
YGL02.2827.C1	10.04296158	0.861291293	0.323584284	0.74945458	-0.240439225	-0.183410508	-0.29648532	4.02E-08	1.59E-05
YGL02.10816.C1	6.447590845	0.861183232	-0.329839582	0.077645822	-0.132684316	0.196371734	-0.158127226	6.00E-05	0.001476514
YGL02.9350.C2	5.437506499	0.861040668	-0.261624633	-0.008939496	-0.377149136	0.353262812	0.007287602	0.001088688	0.011365907
YGL02.7033.C1	5.944261741	0.861032497	0.61726977	1.250312986	0.335606655	-0.338396529	-0.640017157	0.00079025	0.009074722
YGL02.20963.C1	7.447972687	0.860980333	-0.131804955	0.570539073	-0.171817068	-0.559464704	-0.958317602	0.004398724	0.030852254
YGL02.14739.C1	9.237208569	0.860925456	0.398914811	0.285666661	-0.060310588	-0.354325017	-0.451459557	2.45E-06	0.000176446
YGL02.15531.C1	6.729319834	0.86091714	0.133529973	0.672399108	-0.3693774	-0.15230977	-0.782251951	0.001590092	0.014909375
YGL02.1319.C1	8.390668357	0.860879598	0.11248782	0.183595001	-0.416835204	0.007764952	-0.091088325	1.15E-05	0.00047352
YGL02_GNYA1SO04JMUK2	6.032052012	0.860738902	-0.022649925	0.332513803	-0.283387441	-0.303879954	-0.790515565	0.004052566	0.029082761
YGL02.9963.C1	8.031878428	0.860635365	-0.518774422	0.398957452	0.054279781	-0.207124916	-0.454642324	8.29E-06	0.000385746
YGL02.5831.C2	9.374283815	0.860592165	-0.349855902	-0.056405423	-0.020169009	-0.013710348	-0.228400752	7.24E-06	0.000351878
YGL02_GNYA1SO04I4UGT	8.40200539	0.860473498	-0.15370686	-0.585757741	-0.041407174	-0.166922528	-0.113523847	0.000183141	0.003219714
YGL02_GNYA1SO04IYYIL	8.488657251	0.860257115	0.622752142	0.657765513	0.104376911	-0.313032979	-0.305572885	8.99E-07	9.43E-05
YGL02.17673.C1	4.57620645	0.860182915	-0.059656504	0.282174517	0.253244171	-0.367404509	-0.131713394	0.006421102	0.040551195
YGL02.5006.C1	9.016230027	0.860172161	0.471034556	0.83993696	-0.237866091	-0.498018714	-0.541827369	1.88E-05	0.000664516

YGL02_GNYA1SO04IOXZA	8.734012922	0.860109417	0.080128732	0.318539505	-0.290571481	-0.192028704	-0.342271127	3.55E-06	0.000223382
YGL02.12611.C1	5.247187111	0.859943034	-0.086650047	0.332144367	-0.330033939	0.05855795	-0.107047158	0.001282351	0.012771028
YGL02.3603.C1	6.937359377	0.859894442	0.083066992	0.536763201	0.046928328	-0.409472098	-0.599791267	0.000296903	0.004543102
YGL02.8016.C1	6.414849403	0.859863272	-0.589790464	-0.270725083	-0.326492874	-0.229071628	-1.110823956	0.005618331	0.036894605
YGL02_GNYA1SO04JL0W1	6.187765815	0.859808574	0.266525387	0.015915515	0.947792813	-0.415038206	-0.245596414	0.000204244	0.003477402
YGL02.10177.C1	7.221203012	0.858887641	0.220233954	0.430922007	0.164859486	-0.190048449	-0.385166073	0.000149046	0.002797272
YGL02.6667.C2	6.622998507	0.858515191	0.910684766	0.318063503	-0.181780149	-0.177975114	-0.053227759	4.22E-06	0.000249157
YGL02_GNYA1SO04INVD0	7.594647178	0.858463103	0.331226494	0.20691065	-0.012059831	-0.157788729	0.185717582	3.96E-05	0.001114356
YGL02.3989.C2	6.534925519	0.858287962	0.440910989	0.869906541	-0.314355264	-0.32691551	-0.739101734	0.002972248	0.023260995
YGL02.17655.C1	6.501542892	0.858252715	0.468955697	1.097703038	-0.05719432	-0.179861165	-0.959373563	0.001443831	0.01391996
YGL02_GNYA1SO04JT562	8.999098048	0.858105133	0.617814837	0.412641479	-0.300828237	-0.503314511	-0.33654412	7.55E-05	0.001738639
YGL02_GNYA1SO04H9U5D	7.833920878	0.857980166	0.143470416	0.584365154	0.247090492	-0.41474498	-0.750996225	4.88E-05	0.001283708
YGL02.15136.C1	2.860574999	0.857795648	0.374645995	0.237582403	0.225681079	-0.50744212	-0.709036481	0.008179699	0.048253151
YGL02.16900.C1	5.735507455	0.857724688	0.655119171	0.778785176	-0.11114017	-0.52318201	-0.73735788	0.002641828	0.021397982
YGL02.5831.C3	9.719191145	0.857569091	-0.551669959	-0.140657186	-0.233358835	0.155055173	-0.243861016	1.58E-05	0.000589055
YGL02.21549.C1	8.607881901	0.857553477	0.087229553	0.446548305	-0.144782473	-0.169332415	-0.353091316	6.62E-05	0.00158092
YGL02.5186.C1	6.784988227	0.857424487	0.663222821	0.850802688	-0.135778174	-0.517326975	-0.4802299	6.03E-06	0.000312617
YGL02.19613.C1	4.304180311	0.857382027	0.611416641	0.388061681	-0.286138482	-0.859501133	-0.681149459	0.001065309	0.011201911
YGL02.16177.C1	5.892208875	0.857320037	-1.678700243	-0.749727511	-0.016562153	0.344177342	-0.247817656	0.00274652	0.022034145
YGL02.5549.C1	9.840530097	0.856729542	0.08933353	0.127649765	-0.04662933	-0.141512017	-0.141772509	3.21E-06	0.000208983
YGL02.4698.C1	7.334577573	0.856715418	-0.00297763	-0.13134168	0.050804606	-0.398933792	-0.542111666	9.19E-05	0.002003974
YGL02.2885.C1	7.141401398	0.856671382	0.302564371	0.258244012	-0.201437214	-0.239030537	-0.465721036	3.77E-05	0.001079157
YGL02.5858.C1	4.328782558	0.856577324	0.630235769	0.773313383	0.534933931	-0.261610542	-0.801780493	0.007870071	0.04696217
YGL02.333.C2	5.817787606	0.856267818	0.445747602	0.515733693	0.153053248	-0.206569921	-0.762345686	0.000540975	0.00691288
YGL02.11488.C1	8.028802473	0.85625301	0.20891673	0.500959503	0.109085388	-0.252414661	-0.427247265	1.14E-06	0.00011066
YGL02_GNYA1SO04JDCXN	7.582518209	0.855859809	0.240691457	-0.026295432	0.22391985	-0.21576214	-0.586888899	0.000777554	0.008969497
YGL02.6658.C1	9.365678614	0.855395349	0.414772605	0.44320088	0.084422782	-0.338462149	-0.265842448	6.17E-06	0.000317431
YGL02_GNYA1SO04JKHBN	6.937596648	0.85533472	0.231817296	0.64568935	0.165599427	-0.387524784	-0.68730372	9.54E-06	0.000420746
YGL02.6619.C1	4.703638243	0.855288383	0.139195864	0.281793924	0.312316646	-0.138195032	-0.208701717	0.000137847	0.0026485
YGL02.2331.C1	11.43288416	0.855282653	0.483224115	0.847310746	-0.159133294	-0.116982378	-0.721855828	0.000106592	0.002218124
YGL02.9604.C1	8.01307097	0.855206788	-0.094407658	0.527351971	0.259305271	-0.117268555	-0.547319691	6.40E-06	0.000325145
YGL02.2403.C1	8.220928494	0.855138798	0.275684612	0.355435321	-0.272695223	-0.011260526	-0.148380534	3.54E-06	0.000223061
YGL02.10644.C1	4.722112202	0.85500721	0.109492919	0.298317752	0.115701017	-0.232775789	-0.395052537	0.004061561	0.029124276
YGL02.19385.C1	6.328951098	0.85478401	-0.194863035	0.077757683	-0.063899072	0.215659628	-0.280320624	9.92E-05	0.002113006
YGL02.6017.C1	6.176722808	0.854633915	-0.021134191	0.477741566	-0.233930978	-0.188363846	-0.413907524	3.12E-05	0.00094474
YGL02_GNYA1SO04IHJ17	5.677428429	0.854527903	0.445550926	0.340150166	-0.482971922	-0.321077171	-0.132432791	0.00631957	0.040076572
YGL02.5880.C1	8.285419162	0.854470233	-0.356732628	0.227896632	0.259841736	-0.063773521	-0.383194924	0.000689203	0.008219558
YGL02.2145.C1	8.532462351	0.853987265	0.156775951	0.078622374	-0.020798796	-0.375496547	-0.510879654	1.17E-06	0.000111872
YGL02.3132.C3	9.533068783	0.853931926	-0.15944891	0.31091214	0.024412894	-0.097678582	-0.856185435	0.00011449	0.002328606
YGL02.2749.C1	5.988194872	0.853906348	0.385946179	0.368798609	0.346753896	-0.906331238	-0.793961181	0.000604724	0.007475218
YGL02.11851.C1	8.059230964	0.853606221	0.317533317	0.431409955	-0.027064521	-0.171424413	-0.684117626	4.02E-07	5.64E-05
YGL02.10709.C1	6.55511068	0.853432958	-0.13210863	-0.261989491	-0.182869681	-0.046997568	-0.181163152	8.98E-06	0.000405125
YGL02_GNYA1SO04H1B1H	5.250638727	0.85323579	0.073340721	0.494234651	0.584343674	-0.488090594	-0.6501827	0.00017106	0.00307529
YGL02.6181.C1	8.384120629	0.852836517	-0.013122664	-0.288797161	0.084219159	-0.313720497	0.004774933	1.88E-05	0.000664596
YGL02.949.C1	4.022123072	0.852816163	0.454415235	0.503475329	0.693851527	-0.453493027	-0.289264496	0.000115138	0.002336282
YGL02_GNYA1SO04JY19A	6.658578066	0.852788707	0.488518161	0.770817068	0.19390876	-0.271744063	-0.462794967	6.55E-06	0.000330066
YGL02_GNYA1SO04IV46W	13.4064195	0.852777197	-0.033661313	0.1745335	-0.189395037	-0.652538106	-1.005978058	8.90E-06	0.00040294
YGL02_GNYA1SO04I1GYF	6.74899716	0.852769844	-0.071467083	0.333663024	0.081506593	-0.151726922	-0.18925841	0.000234446	0.003835788
YGL02_GNYA1SO04IQ5H6	6.246447893	0.852729104	0.408040869	0.103523384	-0.231432058	-0.168638256	0.072863535	0.00010212	0.002154854
YGL02_GNYA1SO04JODNW	6.96200017	0.852424544	0.157896825	-0.43307102	-0.039231797	-0.419644089	-0.248729182	4.88E-05	0.001283708
YGL02.15986.C1	7.093573016	0.851913703	0.532049468	1.040996528	-0.081403865	-0.369237087	-0.713531455	0.000124678	0.002471754
YGL02_GNYA1SO04IZNCY	6.081528194	0.851563847	-0.279153489	0.176536213	-0.017152193	-0.184733206	-0.999039813	0.001114828	0.011566493
YGL02.22871.C1	5.125384536	0.851521429	0.297372533	0.597760275	0.103506937	-0.168781352	-0.591378165	3.67E-06	0.000228105
YGL02.14104.C1	8.993153766	0.851465395	0.118045343	0.59196226	-0.287187264	-0.275705025	-0.560141702	9.60E-06	0.000423041
YGL02.10538.C1	5.445125284	0.851453705	0.532513429	1.137043053	-0.321455036	-0.321591873	-0.573600821	0.000387281	0.00546735
YGL02.12028.C1	8.158828149	0.850778971	-0.107478971	0.416730319	-0.18173347	-0.367327083	-0.568790621	1.37E-06	0.000122637
YGL02_GNYA1SO04IN15G	9.606941491	0.850760967	0.117296203	0.951409333	0.047415566	-0.099578887	-0.844149794	1.02E-05	0.000437595
YGL02.14086.C1	7.975824313	0.850705982	0.151827311	0.287904497	0.073795705	-0.191096334	-0.364838829	5.84E-07	7.13E-05
YGL02.16884.C1	5.992082208	0.850605289	0.313676934	0.244585129	0.161951351	-0.520062281	-0.540653898	0.000307361	0.004659635
YGL02_GNYA1SO04JH01V	12.09678067	0.850464614	0.460355579	0.837727878	0.012051175	-0.152855907	-0.614047793	0.000466139	0.006218601
YGL02_GNYA1SO04J0Y2V	6.326860112	0.850461248	0.130389515	0.111300438	0.340959741	-0.010169924	-0.19948849	0.005505565	0.036342068
YGL02.764.C3	7.254920933	0.850276305	-0.298375763	0.211873914	-0.337559111	0.139375529	-0.227483215	9.00E-06	0.000405744
YGL02.1320.C2	7.709716629	0.850261656	0.000782112	0.258732048	-0.255768888	0.084228018	-0.504058221	1.10E-05	0.000460755
YGL02.12543.C1	8.010231873	0.850243602	0.108439119	0.365565987	0.374996642	-0.279923308	-0.786909971	0.00019086	0.003318635
YGL02.6267.C1	6.055004444	0.850156917	-0.206044354	-0.256577426	-0.107397125	0.130061682	-0.089572815	0.000412036	0.005711371
YGL02.10630.C2	8.013177399	0.850019435	0.623735096	0.622728619	-0.085710722	-0.206263787	-0.631554791	0.00018281	0.003216065
YGL02_GNYA1SO04IMYGU	7.976227433	0.849847788	0.305603305	0.535909888	-0.071827886	-0.272258023	-0.727832924	2.14E-05	0.000725986
YGL02.7399.C1	7.496976055	0.849667043	0.0975573	0.22084194	-0.078909356	-0.075187141	-0.043521482	6.42E-05	0.001545657
YGL02.22215.C1	8.178981039	0.849656111	0.467629053	0.387840609	0.10860184	-0.154226298	-0.724278326	7.48E-06	0.00036055
YGL02_GNYA1SO04ILQ8L	6.718322216	0.849481778	0.059868639	0.13379176	-0.590861627	-0.381398999	-0.083469534	0.008608951	0.049998936
YGL02.8959.C1	5.086829319	0.84943478	0.338070435	0.048528578	-0.306748983	-0.246704638	-0.817097197	0.004625692	0.031997061
YGL02.1247.C1	5.231691294	0.849405771	-0.015257874	0.43698534	0.211542082	-0.077988704	-0.757861362	0.006658937	0.041614902
YGL02.12120.C1	10.01064436	0.849399286	0.52013761	0.867016166	0.02318617	-0.355372618	-1.059359083	9.78E-07	9.93E-05
YGL02.17000.C1	5.63174453	0.849224982	0.022535886	0.261849636	-0.181305303	0.078190854	-0.112107449	0.000134179	0.00259941
YGL02_GNYA1SO04IYGU1	5.928795525	0.849132919	0.4171204	1.049842043	0.070482938	-0.73740727	-0.63463712	0.000136686	0.002632056
YGL02_GNYA1SO04IUZHN	7.197528141	0.849040047	0.235196701	0.522791974	-0.214145872	0.021103983	-0.558420257	9.85E-06	0.000430015
YGL02_GNYA1SO04I29KH	6.50072056	0.848857655	0.090392857	0.917002001	-0.431732107	0.11092807	-0.641923553	0.000301315	0.004593787
YGL02.12034.C1	4.964506531	0.848847794	0.542817388	1.123418891	0.087954028	-0.680576596	-0.964646321	0.004011057	0.028853632
YGL02_GNYA1SO04I1XKB	9.10855922	0.848805117	0.218771008	0.788472487	-0.016259158	-0.162323268	-0.372012821	0.000148606	0.002793469
YGL02.5852.C2	10.22564231	0.848750986	0.296468289	0.776730615	-0.22737835	-0.145008496	-0.681650962	0.00073719	0.008637762
YGL02_GNYA1SO04IOLY9	8.377858104	0.848617438	-0.40995986	-0.012333722	-0.33030982	0.108002449	-0.165478476	0.000822758	0.009340347
YGL02_GNYA1SO04IG8UA	4.739914743	0.848617258	-1.534443807	0.793643305	-0.267503808	0.620386784	-1.537878163	0.005466819	0.03615634
YGL02_GNYA1SO04I1YIY	10.60154197	0.848444351	0.135255044	0.307619828	-0.131470829	-0.04076204	-0.589332249	7.24E-07	8.19E-05
YGL02_GNYA1SO04IH291	7.024482731	0.848430303	0.099324328	0.767888955	0.2440999	-0.110291543	-1.2191577	0.000988792	0.010629788
YGL02_GNYA1SO04I4EC6	7.840636898	0.848378729	0.117546972	0.135904156	0.294212973	-0.151400638	-0.378230359	4.01E-06	0.00024137
YGL02_GNYA1SO04H7D2R	5.672742639	0.848325265	0.892001048	0.812017603	-0.344906156	-0.718782926	-0.606257002	0.001245958	0.012514448
YGL02_GNYA1SO04H2DPX	11.40330482	0.848039765	-0.620556865	0.219425106	0.127787394	-0.285867091	-0.900823139	8.84E-05	0.001949568
YGL02.4926.C1	8.928950292	0.847798387	0.058585037	0.306317518	-0.018019451	-0.231389112	-0.64855401	4.10E-07	5.71E-05
YGL02_GNYA1SO04JZONJ	6.762274952	0.847734705	0.175928099	0.901765354	0.337464468	-0.468854422	-0.972184976	9.40E-05	0.002036662
YGL02.13830.C2	10.13326586	0.847410016	-0.105953312	-0.037025732	0.287383883	-0.173180771	-0.533989942	1.06E-06	0.000104614

YGL02.10030.C1	6.372590015	0.847389318	-0.91011479	0.507406439	-0.272098857	0.000285858	-0.870008083	0.006001322	0.038670353
YGL02_GNYA1SO04JLYZY	5.876686073	0.847180156	0.698093393	0.320551289	-0.006182691	-1.085915059	-0.591366673	0.000961888	0.010436673
YGL02.11083.C1	9.054040273	0.846964217	0.125156967	0.406057214	0.091055448	-0.134598023	-0.338463083	2.24E-05	0.000750432
YGL02_GNYA1SO04H2PZ5	7.000766375	0.846790649	-0.055342374	0.1161411	-0.163251649	-0.018724609	-0.659687403	0.005685681	0.0372161
YGL02_GNYA1SO04JR9OO	6.792915618	0.84653895	0.147293428	0.330388538	-0.138872535	-0.130111404	-0.232098585	0.000320832	0.004794808
YGL02.13047.C1	5.771267801	0.846438059	0.17838922	0.323256344	0.280246348	-0.392567398	-0.482283332	0.000107822	0.002235341
YGL02.3320.C1	5.787412671	0.84633383	-0.541678468	-0.754757242	0.211222284	-0.211897091	-0.218757351	0.002902827	0.022897593
YGL02.4491.C1	6.287980587	0.845533394	-0.161703881	0.438350885	-0.392493164	-0.055906784	-0.799012031	0.001728339	0.015831703
YGL02.8392.C1	7.100071497	0.845454743	-0.114898058	-0.653455531	0.123178559	-0.110431142	-0.500909423	5.33E-05	0.001359539
YGL02.20804.C1	7.513960839	0.84508998	0.081332684	0.726453193	-0.105307645	0.013819842	-1.193608386	0.000142764	0.002715173
YGL02.312.C2	7.864250754	0.845085696	-0.100008043	0.23967564	0.170875081	-0.179059804	-0.637091149	0.000667025	0.00803145
YGL02.6204.C1	9.941579692	0.844958958	0.247577261	0.454302826	0.144195128	-0.046987542	-0.377294669	0.000306032	0.004646005
YGL02_GNYA1SO04JNM2Y	6.771028228	0.844803535	-0.038555295	0.286472935	-0.101954385	0.345792044	-0.400891081	0.005720079	0.037390223
YGL02.18274.C1	6.717436873	0.844771876	-0.268117269	0.557336053	-0.120544277	-0.138965784	-0.539935688	0.000340258	0.004997474
YGL02_GNYA1SO04I6CKR	6.714322462	0.844759776	0.476699479	0.670182395	-0.58055671	-0.384760857	-0.286218583	5.73E-05	0.001429693
YGL02.2509.C2	7.138619537	0.844594609	-0.122388542	-0.107137456	-0.288456806	-0.252992228	-0.602745683	0.001906896	0.016969409
YGL02.3802.C2	9.255037162	0.844575078	0.38938959	0.461152782	0.058291672	-0.254571168	-0.512452094	2.89E-06	0.000195533
YGL02_GNYA1SO04H2YOQ	5.400758438	0.844323723	-0.720752146	-0.416094383	-0.004992043	0.136096173	0.238567123	0.000412704	0.00571597
YGL02.14626.C1	7.873780215	0.844312782	-0.62047483	-0.027072022	0.096448169	0.148827643	-0.154131614	3.31E-05	0.000985885
YGL02.2334.C1	9.003057325	0.844238285	0.422006307	0.784636513	0.076673453	-0.313677588	-0.758422689	0.000460931	0.00616882
YGL02.20899.C1	5.088964198	0.843984682	0.805261366	1.653254488	0.172843537	-0.929358254	-1.168372454	0.001490002	0.014229246
YGL02.10415.C1	5.822231125	0.843873609	0.423762659	0.481401099	0.372372377	-0.339435815	-0.708508848	1.13E-05	0.000469088
YGL02_GNYA1SO04H3N6C	7.058808865	0.843850865	-0.018116264	0.787372664	-0.154931828	-0.112384868	-0.968055428	0.000400205	0.005594907
YGL02.22056.C1	4.658770783	0.843541955	0.5863299	-0.009800689	-0.0948811	-0.388510493	-0.669849276	0.000447919	0.006045349
YGL02.3530.C1	9.609381321	0.843368226	0.090309904	0.335049914	0.196156115	-0.118789815	-0.406905919	0.000197276	0.00339718
YGL02_GNYA1SO04JX8VK	2.659705394	0.843347756	0.090738023	-0.016029947	0.312124511	-0.828544947	-0.122730839	0.002808563	0.022383085
YGL02.17235.C1	6.282705406	0.84301144	-0.367322091	-0.100369205	0.055100946	-0.126654775	-0.406056443	0.000606292	0.007489071
YGL02.12843.C1	8.122589659	0.842994066	-0.072206935	0.391140033	0.233045294	-0.119571125	-0.389202423	0.000572541	0.007196931
YGL02_GNYA1SO04I8PKS	9.503963331	0.842856557	0.086737019	0.345141906	0.148831223	-0.212552715	-0.386313862	1.97E-05	0.000687042
YGL02_GNYA1SO04ITFEK	9.113825356	0.842818864	0.04374714	0.593481198	-0.360732828	-0.197527999	-0.531215623	1.50E-06	0.000130213
YGL02_GNYA1SO04IUJJN	8.19455559	0.842649103	0.187295317	0.027411859	-0.089097299	-0.188797356	-0.742493944	0.002735516	0.021971616
YGL02_GNYA1SO04IXGV6	13.12774015	0.842367807	-0.139688397	0.23294774	-0.068893047	-0.621244545	-1.012092585	2.48E-05	0.000804395
YGL02.16837.C1	6.729431548	0.84231862	-0.07706518	0.383135625	-0.255219518	-0.022735849	-0.538847526	0.000534467	0.00684592
YGL02_GNYA1SO04IGWKY	5.736607209	0.84178837	-0.036894009	-0.09433367	0.182278604	-0.308163087	-0.176523752	0.000617658	0.007592911
YGL02_GNYA1SO04H52F5	7.42650246	0.841617775	-0.061158112	0.103977671	0.057364119	-0.163114984	-0.85747857	0.001341008	0.01319286
YGL02_GNYA1SO04JMFHK	5.93957089	0.841417489	0.218546993	0.335682146	-0.236358578	-0.301123335	-0.193364794	0.006253226	0.039793647
YGL02_GNYA1SO04IVMHY	6.516764247	0.841410155	-0.015268401	-0.488110207	-0.337589474	0.046708849	0.672605283	0.002111638	0.018208981
YGL02.19882.C1	5.986554823	0.841373362	0.355134104	0.572660287	-0.045806045	-0.286729987	-0.559720916	4.20E-06	0.000248622
YGL02_GNYA1SO04IS0WS	6.112691137	0.841340438	0.148809009	0.285720408	0.109895325	-0.316600551	-0.486826918	0.003678612	0.027091445
YGL02.20447.C1	7.15333903	0.841201734	-0.050460326	0.049596744	-0.061179225	0.051292006	-0.044248149	5.50E-06	0.00029492
YGL02.8600.C1	5.586847992	0.841075336	-0.059212347	-0.405966301	-0.149580228	-0.173490828	0.462712367	0.003324788	0.025215388
YGL02.9208.C1	10.46438193	0.840940865	0.049387897	0.280460829	0.043855331	0.015285439	-0.641253675	3.69E-07	5.32E-05
YGL02_GNYA1SO04H216P	9.990838632	0.840800462	0.771314678	1.169949283	-0.58909012	-0.213187071	-0.54437208	0.000650629	0.007890664
YGL02.19273.C1	5.402658674	0.840648542	-0.769666522	1.137488528	-0.10035091	0.305969514	-1.12990202	0.001667055	0.015415595
YGL02.10010.C1	7.456114242	0.840556987	0.283425443	0.454280922	-0.207947008	-0.32494922	-0.435134866	7.36E-05	0.001706924
YGL02.10899.C1	10.92578024	0.840518906	0.341930489	0.56533824	-0.063096903	-0.271684599	-0.665020228	7.62E-07	8.46E-05
YGL02.5690.C7	3.474836406	0.840305005	-0.645210001	-0.657463013	0.253480381	-0.301377969	-0.866866969	0.003761465	0.027536969
YGL02.7193.C1	4.544558244	0.839940915	-0.004887345	0.442526291	-0.109162725	-0.281966729	-0.859929482	0.000247833	0.003986691
YGL02_GNYA1SO04I8IJE	9.734513943	0.839668237	-0.027675563	0.563933095	-0.243495848	-0.327690108	-0.283683524	4.18E-06	0.000247836
YGL02_GNYA1SO04ILYV1	5.994964196	0.839618248	0.54619549	0.811696175	-0.017476366	-0.61777033	-0.509850152	0.001455612	0.014000765
YGL02_GNYA1SO04IJ5HP	3.345742053	0.839457682	1.277448678	1.385688832	1.215259615	-0.364422026	-0.739552137	0.006464882	0.040757518
YGL02.20034.C1	6.237329132	0.839039563	-0.185530427	-0.080195288	0.205767949	-0.016809311	-0.13113115	0.003496116	0.026132147
YGL02_GNYA1SO04IIL8O	9.866897046	0.838922487	0.234946424	0.474585554	-0.249850979	-0.2619689	-0.731108323	2.96E-06	0.000198364
YGL02_GNYA1SO04IKHSD	13.6345396	0.838813094	-0.094000166	-0.0502424	0.068345265	-0.381462531	-0.78457438	1.73E-06	0.000142845
YGL02.18598.C1	6.562382019	0.838682537	-0.424428941	0.427144599	-0.265935616	0.354480312	-0.41989294	0.002235682	0.01899212
YGL02.10287.C3	6.91558322	0.838460366	0.367260263	1.010534421	0.533594906	-0.324070931	-1.038228753	0.001106242	0.011501882
YGL02.10330.C1	8.439198098	0.838430207	0.135851962	0.655932618	-0.064244044	-0.375155437	-0.974006182	2.07E-05	0.000711281
YGL02_GNYA1SO04I629B	6.146278374	0.837977201	0.528438309	0.963740292	-0.105547492	-0.477611902	-0.965834879	0.001834656	0.016517236
YGL02.15506.C1	8.842021143	0.837854344	0.31488039	0.245434139	-0.108807103	-0.000218946	-0.222220471	4.79E-06	0.000269463
YGL02.15238.C1	8.73215022	0.837606854	0.79759237	0.944071585	-0.219265413	-0.441794123	-1.158025978	0.000148871	0.002795725
YGL02_GNYA1SO04H9A2T	14.70388066	0.837500809	0.088619837	0.351266209	-0.121452158	-0.374255278	-0.762263753	5.21E-06	0.000285069
YGL02.13492.C1	9.122848201	0.837346738	-0.056871825	0.410947471	-0.449822049	-0.218754628	-0.402411204	0.001758327	0.016028401
YGL02.2644.C2	7.217557983	0.837326115	0.041030926	0.334285073	-0.034576774	-0.308741815	-0.619686657	0.000140776	0.002687631
YGL02_GNYA1SO04H4WYF	10.59671383	0.837032755	-0.088427063	0.392616196	0.032619123	-0.18091755	-0.693605348	1.28E-05	0.000506324
YGL02_GNYA1SO04JADNV	7.158608501	0.836649431	-0.128577003	0.201660049	-0.143169628	-0.156667558	-0.439403052	5.86E-05	0.001454546
YGL02_GNYA1SO04IJYED	9.712331345	0.83655685	0.556287576	0.868184913	-0.215557857	-0.443869149	-0.686500157	7.49E-06	0.000360857
YGL02_GNYA1SO04JILMM	8.821360576	0.836552733	-0.533053649	-0.094177414	-0.20325478	-0.005486316	-0.327279763	3.44E-05	0.001012494
YGL02.22908.C1	3.322422652	0.836489732	-0.127736972	0.746040912	-0.209604967	-0.423907657	-0.852714208	0.008519036	0.049655513
YGL02_GNYA1SO04IZZL7	7.406112416	0.836488846	0.156320026	0.895695555	0.024305311	-0.609500148	-0.808367374	0.000669498	0.008051502
YGL02.727.C1	5.573456523	0.836477993	0.403514881	0.961552758	-0.463863018	-0.584027005	-0.993447464	0.00015447	0.002865461
YGL02.8919.C2	9.339677696	0.83640838	0.014343228	0.799976129	-0.487854437	-0.147418692	-0.771942851	1.88E-05	0.000663766
YGL02.5762.C1	7.895293532	0.836362107	0.16905539	0.245766211	-0.160438204	-0.231694079	-0.272019183	1.96E-07	3.63E-05
YGL02.7828.C1	10.28492351	0.836172467	0.438599196	0.175481024	0.228999978	-0.447260844	-0.575012935	6.85E-05	0.001621009
YGL02_GNYA1SO04JH9RX	7.863473384	0.835877456	-0.043523869	1.276582363	0.085200652	0.035671335	-0.896451349	0.000261522	0.004149291
YGL02_GNYA1SO04I4DA5	9.542982803	0.835816026	0.837632557	0.757188672	-0.459109804	-0.566613358	-1.198817776	0.003464123	0.025955933
YGL02.17276.C1	6.203785022	0.83572616	-0.184181879	0.432750685	-0.229764123	-0.165777586	-0.90336571	0.00079618	0.009120983
YGL02.10886.C1	7.057445568	0.835489292	0.354547747	0.691418281	0.231039546	-0.323934578	-0.304647696	7.48E-05	0.001728701
YGL02.1100.C2	5.734073575	0.835404505	0.972367485	0.381303684	-0.359419479	-0.102575065	-0.244355432	0.000817225	0.009299272
YGL02_GNYA1SO04IBVPP	5.927660495	0.83526706	0.092718884	1.209615411	0.024756023	-0.887865234	-0.654438244	0.000203638	0.0034712
YGL02_GNYA1SO04JNLUI	5.216789869	0.834901459	0.420427549	0.289101453	-0.277892566	-0.612081744	-1.382462076	0.007168237	0.043914797
YGL02_GNYA1SO04JS2JF	6.333508675	0.834894964	0.082855007	0.340935244	-0.359541139	0.117207382	-0.058148546	0.007845074	0.046862195
YGL02_GNYA1SO04H1KHW	7.505933908	0.834866085	-0.042519732	0.143760358	0.119070045	-0.251748074	-0.419418956	1.12E-05	0.000466062
YGL02.11962.C1	6.939085959	0.834796964	-0.426520203	0.466625095	-0.313192409	-0.011956181	-0.302459813	0.00022194	0.003694357
YGL02.1150.C1	12.47338212	0.834780652	0.470275266	0.614606786	0.190337916	-0.23015592	-0.52188273	2.65E-05	0.000842154
YGL02.8993.C1	6.155992582	0.834574683	-0.213967501	0.198623365	0.025615961	-0.433807556	-0.617779353	0.000371632	0.00531245
YGL02_GNYA1SO04H7HZW	5.629317166	0.833750297	0.578674718	0.641004484	0.162363571	-0.671850616	-0.947840043	0.002308338	0.019437205
YGL02_GNYA1SO04JBG64	5.372677593	0.833620549	0.725439814	0.371377592	0.083030022	-0.621684676	-0.101439656	0.005600367	0.036817711
YGL02_GNYA1SO04JZHBQ	7.703040984	0.833355432	0.207667096	0.569145714	0.149272887	-0.253679405	-0.517890619	0.000174602	0.003120861
YGL02.9098.C1	5.306291307	0.833221752	-0.353326544	0.556475036	-0.19579404	0.394922731	-0.584784398	1.30E-05	0.000511665
YGL02.6695.C1	6.124464185	0.83318335	0.241194735	0.508501148	0.201849669	-0.093258759	-0.103066359	6.82E-05	0.001615894

YGL02_GNYA1SO04IFD3S	11.19138437	0.833079759	0.300783319	0.05824437	0.449736555	-0.133452309	-1.014277783	0.001483818	0.01418583
YGL02.14598.C1	14.09396893	0.832897238	0.170544567	0.588806468	0.085230854	-0.166853845	-0.608509918	4.71E-06	0.000266499
YGL02.21680.C1	8.34855669	0.832721061	-0.000828392	-0.000148177	-0.089449402	-0.640258445	-0.65917416	0.002825972	0.022487233
YGL02.15970.C1	6.705543538	0.832377333	-0.075811419	0.525556144	-0.386307351	-0.4443765	-1.133417379	0.000484328	0.006384311
YGL02_GNYA1SO04I85IQ	5.936812691	0.832317752	-0.086655227	0.039951729	-0.008492388	-0.361777661	-0.417303568	0.008115118	0.047994616
YGL02.11093.C1	6.564798445	0.831916208	-0.048200478	0.108692016	0.013834691	0.063520339	-0.252542283	8.42E-05	0.001881667
YGL02.9673.C1	7.083919373	0.831879917	0.923624933	1.249603014	-0.108175529	-0.451043417	-0.553211521	9.00E-05	0.001973341
YGL02_GNYA1SO04IBFOM	6.752468768	0.831754613	-0.206446998	-0.034808534	-0.001248211	-0.147483392	0.054277137	0.001223917	0.012359212
YGL02.14472.C1	8.323350847	0.831738808	-0.293053746	0.161132083	-0.109236604	-0.162650253	-0.301304504	4.95E-05	0.001295598
YGL02.9747.C1	7.53925073	0.831695371	-0.005312293	0.350510685	0.088298366	0.090917698	0.02010728	0.000184974	0.003243558
YGL02.14398.C1	5.967229935	0.831676655	0.18196289	0.331301123	0.018007401	-0.495927343	-0.554361007	0.000170156	0.003063666
YGL02_GNYA1SO04JZQYY	6.854201662	0.831432535	-0.198523121	0.409190225	0.058610569	-0.507881548	-0.986172733	0.001881374	0.016802561
YGL02_GNYA1SO04JCPU6	6.680572814	0.831261717	0.258886624	0.7151832	-0.515957092	-0.218711034	-1.240816563	0.000935335	0.010225736
YGL02_GNYA1SO04JE83Y	8.839082627	0.830435957	0.2094622	0.753009573	0.160850992	-0.086799193	-0.653929987	7.53E-05	0.001736295
YGL02.1873.C2	8.254386849	0.830363385	0.223587567	0.605172761	0.110234249	-0.288857174	-0.727096474	1.16E-07	2.74E-05
YGL02.3151.C1	7.321395265	0.830157528	-0.110451086	0.059892774	0.354145782	-0.390344046	-0.50451305	1.63E-05	0.000601057
YGL02.10226.C1	6.477463717	0.830155499	-0.073086876	0.549165508	0.010893896	-0.325768412	-1.020462159	0.000428212	0.005853127
YGL02.14031.C1	6.883362368	0.830127937	0.502144056	0.820522287	0.312340408	-0.666400089	-1.025351774	1.14E-05	0.000472008
YGL02_GNYA1SO04JR3XR	14.35761026	0.830100147	-0.071843895	0.394756319	0.033882047	-0.112240565	-0.529595359	2.33E-06	0.00017093
YGL02_GNYA1SO04IMX8I	6.560467369	0.829566272	0.021240484	1.098700187	0.087235053	-0.434051449	-0.896666691	0.000458229	0.006144225
YGL02_GNYA1SO04J0YK6	6.088433945	0.829496428	0.870718149	0.983952364	-0.15734326	-0.198586677	-0.388069352	0.000293653	0.004508282
YGL02.14673.C1	6.263382147	0.829467167	0.192098861	0.374108217	-0.10685384	-0.529724519	-0.84517128	4.98E-07	6.45E-05
YGL02.16725.C1	6.577725057	0.829315421	0.361589801	0.957075455	0.025193707	-0.41514971	-0.903504527	1.50E-05	0.000567151
YGL02.5103.C1	7.406894187	0.829161738	0.292826147	-0.066744866	0.0025626	-0.519999557	-0.266047981	0.000631587	0.007721055
YGL02.12712.C1	6.50994158	0.828832368	-0.09583748	-0.411420858	-0.019611313	-0.429958939	-0.859258894	0.001199288	0.012182714
YGL02.6090.C1	4.590369268	0.828822674	-1.697328174	-0.119615245	0.069890076	1.163561233	-0.13923617	0.00144005	0.013891788
YGL02_GNYA1SO04JIEVL	6.08457943	0.828688665	0.744256008	1.315453359	0.671792693	-0.647097896	-0.8184039	0.000354269	0.005135111
YGL02.4248.C1	5.251200027	0.828516851	0.045961225	0.386563756	0.055535919	-0.309951883	-0.648009756	0.000179271	0.003170615
YGL02.5672.C3	8.225732986	0.828450774	0.064811982	0.392806779	-0.14964858	0.134008901	-0.034131997	1.29E-07	2.86E-05
YGL02_GNYA1SO04JTT92	7.960723154	0.828356473	0.111998677	0.507595924	-0.227753056	0.110245865	-0.236506089	9.46E-05	0.002045109
YGL02.1878.C1	10.91214843	0.828323376	0.165443347	0.548364711	0.30659159	-0.467955666	-0.475795022	0.002457999	0.020334308
YGL02.11698.C1	7.556639654	0.828064548	-0.065778801	0.181846836	-0.112611551	-0.031717554	-0.375054919	2.13E-05	0.000725096
YGL02.7251.C2	6.030779799	0.827864784	-0.199006705	0.239253837	-0.011368485	0.179703917	-0.177471299	0.000989813	0.010635463
YGL02.12943.C1	6.402112945	0.827457536	-0.697291138	-0.05595925	-0.172920123	-0.195318712	-1.137035481	0.002783604	0.022244407
YGL02_GNYA1SO04JOM34	7.058546231	0.827357743	-0.363950983	-0.018150091	-0.066468432	-0.458165559	-0.309647784	0.000259941	0.004129268
YGL02.10284.C1	10.09452793	0.827342168	-0.376124553	0.13403399	-0.025424887	-0.152543223	-0.265229036	7.97E-05	0.001808404
YGL02_GNYA1SO04IYEAU	13.25306032	0.827320203	-0.040468833	0.23945398	-0.207860407	-0.69178764	-1.102985853	2.82E-07	4.53E-05
YGL02.15530.C1	8.842256196	0.827306525	0.471426413	0.649152644	-0.103612829	-0.238892051	-1.096340859	1.54E-05	0.000578593
YGL02.10265.C1	7.944518239	0.827299654	-0.045927876	0.390987101	-0.012253004	0.020840011	-0.169871359	9.78E-05	0.002088776
YGL02_GNYA1SO04JE5MW	8.24813259	0.827202023	0.450706089	0.711502686	-0.276112065	-0.338700615	-0.547685874	6.69E-06	0.000335085
YGL02.10315.C1	7.257341887	0.826990669	0.464912077	0.959284389	0.129583903	-0.374139087	-0.766776083	1.95E-05	0.000681234
YGL02.8178.C1	9.448698828	0.826939627	-0.56019697	0.469744476	0.349788916	-0.049752402	-0.799253944	1.05E-05	0.000447754
YGL02.10253.C1	7.756518015	0.826926748	0.055086172	0.267373973	0.111490536	0.087995008	-0.263139023	1.24E-06	0.000115925
YGL02_GNYA1SO04IJC6R	7.170240097	0.826923023	0.142484619	1.11942424	0.174291882	-0.379254288	-0.510922084	0.00032779	0.004869576
YGL02_GNYA1SO04IW1J5	5.695363555	0.826591538	0.579241139	0.226752419	0.182407541	-0.629089458	-0.622754705	0.004206667	0.029869181
YGL02.1155.C1	8.296215657	0.826520626	-0.221302739	0.278600692	0.146612216	0.140058083	-0.584807747	2.14E-05	0.000725687
YGL02.22821.C1	5.434238997	0.826473408	0.137154009	0.048188969	-0.427454517	0.086013843	-0.522961034	0.001083591	0.011328611
YGL02.15060.C1	4.580708778	0.825995508	0.617806666	0.499005945	-0.205610036	-0.291208128	-0.308382375	6.66E-06	0.000334085
YGL02.489.C1	9.977539969	0.825866525	0.401148605	0.416044184	0.005986945	-0.410692373	-0.373169877	2.20E-06	0.000165452
YGL02.7472.C1	4.894279725	0.825562866	0.425698243	-0.511983429	0.274077969	-0.564612168	-0.039094927	0.001443266	0.013916589
YGL02.2767.C1	7.361337504	0.825265696	0.254953295	0.556616905	0.239948048	-0.292375019	-1.104412313	1.37E-05	0.000531621
YGL02_GNYA1SO04IMUYN	12.58592107	0.825076674	0.229988517	0.561684238	0.293959952	-0.394772464	-0.57386589	0.0005456	0.006952767
YGL02_GNYA1SO04JBNJL	13.32680262	0.825047552	-0.088411839	0.259019074	-0.179357339	-0.624021358	-1.069670975	1.31E-06	0.000119762
YGL02.5096.C1	5.743300474	0.824903216	0.123691539	-0.388506841	0.722106537	-0.278888919	0.20405193	0.001015283	0.010823823
YGL02.13563.C1	7.586370463	0.824657038	-0.235756383	-0.055079357	-0.400246084	-0.315932216	-0.552231708	0.000234691	0.003839313
YGL02.9471.C1	4.608818477	0.824563049	0.088429341	0.704919143	0.182289846	-0.27111422	-1.390494849	0.000488925	0.006423977
YGL02_GNYA1SO04IZ9B8	6.653383157	0.824430271	0.112985349	0.306993158	0.073902884	0.152923277	-0.168113618	0.001430047	0.013815869
YGL02.9073.C1	6.015814452	0.824265166	0.605831824	0.944758997	-0.393084357	-0.072880455	-1.040269481	0.000116289	0.002352254
YGL02.7436.C1	5.040773181	0.823916508	0.002115562	0.097169038	0.069316153	-0.015349646	-0.067570964	0.000574427	0.007213643
YGL02.14017.C1	7.326079006	0.823873904	0.048372194	-0.463482319	-0.018590839	-0.366609447	-0.071635121	0.000143465	0.002724113
YGL02.5947.C2	7.360843449	0.82385187	0.228496202	1.221291104	-0.153435867	-0.275128645	-1.094167815	0.000284333	0.004406857
YGL02.19418.C1	7.573095695	0.823300646	-0.084708488	0.950774844	0.147987463	-0.258409965	-1.017545045	0.00033446	0.004937516
YGL02_GNYA1SO04IK9CY	9.222592845	0.823277003	0.607836943	0.264168076	-0.244101382	-0.266737157	-0.496698868	4.44E-05	0.001205804
YGL02.12725.C1	10.16281837	0.822700585	0.426745537	1.267437993	0.022147559	-0.414581959	-1.196614309	2.60E-06	0.000183159
YGL02.693.C1	9.352063355	0.822518046	0.090873372	0.588464188	0.297910933	-0.319261298	-0.1902821	2.02E-05	0.000700118
YGL02.6845.C2	9.98527928	0.82227163	0.659771947	0.836926353	-0.185565506	-0.295669621	-1.305695479	1.47E-05	0.000560814
YGL02.8117.C1	8.973794225	0.822225324	-0.042913768	0.33059346	-0.154900051	-0.169938648	-0.623346038	7.40E-05	0.001712144
YGL02.9955.C1	9.0477364	0.822176283	0.121895783	0.363973238	-0.257138522	-0.109344085	-0.445120093	0.000102404	0.002159283
YGL02.916.C2	7.075065057	0.822157522	-0.178981904	0.116047151	-0.065214247	0.089169472	-0.313858039	6.30E-06	0.000321558
YGL02_GNYA1SO04JKL3W	2.811839552	0.822021425	-0.146264088	-0.218288688	0.31125894	-0.296418507	-0.518124297	0.007120706	0.043690216
YGL02.1265.C1	6.562296958	0.822016445	-0.211038146	0.111255192	0.09231274	-0.110511597	-0.517699521	0.000128305	0.002517835
YGL02.2118.C1	8.43286541	0.821914857	0.174343264	0.842061215	0.082354592	-0.058386358	-0.596156089	4.27E-06	0.000250618
YGL02.23433.C1	5.840018949	0.821848123	0.612642309	1.031959656	0.243609747	-0.175706792	-1.007370063	0.001384198	0.0134911
YGL02.7710.C1	7.32800319	0.821798876	-0.020477443	0.159969521	-0.130029846	0.033262974	-0.428915143	0.001532746	0.014537998
YGL02.10295.C1	9.114376733	0.821720644	0.525217794	1.064655277	-0.40316969	-0.069909551	-0.971439483	0.000113515	0.002316561
YGL02_GNYA1SO04IV5XF	6.13061074	0.821680968	-0.621042854	0.653114928	0.007073768	0.158006276	-1.210291078	0.002253134	0.019101352
YGL02_GNYA1SO04II410	7.036964738	0.821375965	0.640217805	0.541784256	0.091860074	-0.342640187	-0.484419261	2.02E-05	0.000699388
YGL02_GNYA1SO04I6E9K	3.522749167	0.821352697	0.089287791	-0.345565341	-0.517354748	-0.905571409	-0.179083002	0.005601127	0.036818968
YGL02.4644.C1	5.610794504	0.82130396	-0.401207171	0.379547564	0.40624081	-0.147735279	-0.429697641	0.000226064	0.003740239
YGL02.19116.C1	7.099811065	0.82114001	-0.063806271	0.10315998	-0.270507086	-0.180185716	-0.659654485	0.000207595	0.003515809
YGL02.5788.C1	10.86588243	0.820954188	0.392861487	0.954559371	-0.180122132	-0.11783213	-0.774525087	4.47E-07	6.02E-05
YGL02.19624.C1	7.776126179	0.820627573	-0.379932244	0.45768697	0.017206235	-0.194706531	-0.476790112	0.000146105	0.002758067
YGL02.19355.C1	6.85108146	0.820255872	-0.054503108	0.428958264	0.184012974	-0.361029807	-0.522080818	1.19E-05	0.000484191
YGL02_GNYA1SO04I2WXI	6.501236442	0.820237238	0.256159392	0.59682746	-0.202021501	-0.172342049	-0.194102267	0.000117755	0.002371906
YGL02.13937.C1	5.45493272	0.82017489	0.254893548	0.437191491	0.218516149	-0.199335879	-0.145758122	2.13E-06	0.000161826
YGL02_GNYA1SO04H79KK	6.456555902	0.82017231	0.524281117	0.726714976	0.722578517	-0.390162394	-0.498521164	0.00192271	0.017076994
YGL02.3267.C1	7.260940143	0.819515113	-0.264629661	0.587166254	0.090693682	-0.164194322	-0.793876221	0.000161988	0.00295719
YGL02.14335.C1	6.287010105	0.819492519	0.211425648	0.692866915	-0.030898999	-0.428579986	-1.063199758	5.90E-05	0.001460792
YGL02.9953.C1	6.102708729	0.819175757	0.616127118	0.496901585	0.179799811	-0.870846894	-0.890894568	0.003183897	0.024453334
YGL02.8666.C1	5.607541467	0.819103688	-0.051794984	0.520403117	-0.021523726	-0.252369012	-0.136606572	0.000564847	0.007130033

YGL02.8861.C1	5.325213978	0.818965597	0.02673145	0.704589005	-0.05869931	-0.391532955	-0.984123843	0.001359482	0.013315934
YGL02_GNYA1SO04I58RS	5.840972117	0.818378377	0.439264421	0.827676309	0.151082612	-0.330216955	-0.573722858	0.000448442	0.006047044
YGL02.17582.C1	6.497613091	0.818367806	0.191255619	0.456973073	0.108098577	-0.604935694	-0.412753498	0.001426266	0.013792477
YGL02.12807.C1	7.183995492	0.818308328	0.068294019	0.434567671	-0.057663889	-0.125634091	-0.725787379	1.29E-06	0.00011882
YGL02.2327.C2	8.273872995	0.818221063	-0.00832105	0.30570016	-0.226844899	-0.075340452	-0.516510876	4.12E-06	0.000245895
YGL02.7311.C1	6.315304877	0.818041972	0.244301851	-0.204400636	0.336688745	-0.593716642	-0.109943833	1.56E-05	0.000584132
YGL02_GNYA1SO04JFM44	6.05195018	0.817632237	0.364453841	0.310624995	0.074067097	-0.480029274	-0.510587597	0.00233628	0.019598576
YGL02.17303.C1	2.935800541	0.817503743	0.463046916	0.581928116	-0.028344613	-0.757342734	-0.168936954	0.007806954	0.046725685
YGL02.10499.C1	5.571845209	0.817468645	0.552925315	0.135899959	0.0378729	-0.683593237	-0.428806597	0.000972292	0.010503851
YGL02_GNYA1SO04H18IU	6.460223491	0.817195042	-0.14995516	-0.25779992	0.462185904	-0.440932901	-0.332740132	0.000115366	0.002339063
YGL02.2751.C1	6.355290345	0.817155101	0.303123929	0.560100618	0.049963379	-0.348362969	-0.457103704	4.56E-05	0.001226809
YGL02_GNYA1SO04I5J81	6.351943997	0.817022758	-0.152150431	-0.436875823	0.067761864	-0.297570268	0.608643038	0.000514911	0.006660663
YGL02.15028.C1	6.810818447	0.816972698	0.487653213	0.765155926	-0.502980728	-0.376776833	-0.46739535	1.25E-05	0.000499953
YGL02_GNYA1SO04INYMK	8.238604934	0.816968446	0.07624948	0.604158151	0.116865252	-0.324817897	-0.914618758	0.000295569	0.004529655
YGL02.2549.C2	12.42691808	0.816947891	0.259019938	0.740910564	-0.239522354	-0.226195633	-0.412193393	2.99E-06	0.000199389
YGL02.9249.C1	6.745187525	0.816826815	0.374435462	0.828544204	-0.209540469	-0.367893863	-0.626003915	0.00012762	0.002508377
YGL02.8919.C1	8.772539923	0.81653913	-0.000861343	0.73599614	0.011819266	-0.241176663	-0.796444993	6.59E-06	0.000331504
YGL02_GNYA1SO04JKWLI	6.756591089	0.816442176	-0.382226452	0.426560259	0.136950448	-0.329894224	-0.63652591	0.000726425	0.008547198
YGL02.14091.C1	7.816993854	0.816214268	0.157437484	-0.103902024	-0.075206091	0.04846808	0.346511266	6.17E-05	0.001501996
YGL02.14639.C2	11.7989788	0.815923488	0.258011775	0.443161272	-0.103666331	-0.285195359	-0.875985101	1.33E-06	0.000120346
YGL02_GNYA1SO04IUOMZ	12.94331811	0.815918905	-0.100073513	0.192071832	-0.072074052	-0.525488236	-0.962621058	2.08E-06	0.000159531
YGL02.12118.C1	6.623312452	0.815773669	0.24061351	1.017915113	0.007704786	-0.195710311	-0.634076701	0.000218543	0.003652852
YGL02.2697.C1	8.569257445	0.815726981	-0.12892718	0.145983543	-0.011533927	-0.222099061	-0.255448176	0.000700145	0.008315272
YGL02_GNYA1SO04H072J	9.406772137	0.815725552	0.240419051	0.222401508	0.031072446	-0.172364315	-0.992547535	3.99E-05	0.001119611
YGL02.8965.C1	6.40014216	0.815501532	0.084836354	0.809238025	-0.017475551	-0.142630313	-1.040854365	0.001057966	0.01115201
YGL02_GNYA1SO04JKT21	9.302203738	0.815437266	0.971970412	1.431128692	-0.029165283	-0.302959293	-0.255495716	1.95E-05	0.000682352
YGL02.4425.C1	6.356690428	0.81530492	0.719974458	0.466059014	0.038250491	-0.587910858	-0.261505186	0.003890169	0.028201776
YGL02_GNYA1SO04JCF37	9.487214492	0.815122687	0.17573758	0.359219962	0.098552459	-0.304834022	-1.174832959	0.000271874	0.004265454
YGL02.329.C25	5.363330131	0.815097878	0.144994772	0.710511029	0.085187637	-1.551168769	-0.701223746	0.001213533	0.012293065
YGL02.15804.C1	5.511583871	0.814923771	0.624081915	1.001454896	-0.094174086	-0.575280701	-0.895992646	6.53E-05	0.001563244
YGL02.13679.C1	6.799072114	0.814912166	-0.453740969	0.552128721	0.015922985	-0.390340878	-1.011807029	4.50E-05	0.001217383
YGL02_GNYA1SO04JUNI6	6.729098216	0.814891423	0.071057596	0.389854502	0.008564066	0.027391185	-0.131850431	1.70E-05	0.000618057
YGL02_GNYA1SO04JD9AH	9.066177293	0.814544172	-0.064023873	0.350294527	-0.077576066	-0.149546724	-0.872427654	6.91E-05	0.00163263
YGL02.5567.C1	9.067857852	0.814162512	0.046612264	0.445429182	-0.014149386	-0.33450241	-0.583044843	5.89E-07	7.16E-05
YGL02.1773.C1	5.579262191	0.814105983	0.277218188	0.690719074	0.076831323	-0.086377909	0.058829552	0.000497616	0.006495985
YGL02.22862.C1	5.466727253	0.814100537	0.114614813	0.646146176	-0.129562801	-0.303803242	-0.875676732	0.003606622	0.026732107
YGL02_GNYA1SO04JVEGG	5.275234929	0.814091455	-0.135421163	0.610274273	-0.125663995	-0.25861221	-0.232771419	0.008189344	0.048296848
YGL02.720.C1	7.673369552	0.813948749	-0.184723876	0.02615315	-0.240090558	0.086045981	-0.275884691	0.000154942	0.002871308
YGL02.16091.C1	5.435472031	0.813911125	0.209869465	-0.192678627	-0.120751309	-0.154041997	-0.199419034	0.000874641	0.009748182
YGL02.1.C1	5.271512831	0.813898367	0.654376569	1.887339023	-0.130265404	-0.181303509	-0.860735902	0.003924658	0.028380313
YGL02_GNYA1SO04JQR5N	6.040501885	0.813830543	-0.32491649	0.05795151	0.018318944	0.085473326	-0.519579145	0.004462746	0.031168701
YGL02_GNYA1SO04IOBS0	5.675085957	0.813813278	0.212282283	0.292597374	-0.028696968	-0.050455338	-0.582443246	0.000121688	0.002428834
YGL02.21313.C2	5.98747781	0.813795236	0.049574982	0.209329669	0.009277916	-0.145440004	-0.206986649	0.000261685	0.004150859
YGL02.10979.C1	11.21416484	0.81359997	-0.054051361	0.157879753	0.19815531	-0.107869819	-0.42925076	0.00034199	0.005015508
YGL02.21142.C1	10.14414991	0.813465582	-0.029425923	-0.076066772	-0.024864982	-0.181912438	0.203680652	0.00070051	0.008316331
YGL02_GNYA1SO04IXTX0	5.852950021	0.813231242	-0.202313388	0.392547717	-0.539750232	0.070711276	-0.605931016	0.000507886	0.006591519
YGL02_GNYA1SO04JZM9G	6.145024706	0.813175479	-0.117745239	0.996496509	-0.268456664	-0.274332396	-0.884949036	0.00050214	0.006537248
YGL02_GNYA1SO04I2NBO	9.142248764	0.813116275	-1.425452064	0.295945586	-0.172145167	-0.244967318	-0.847066532	0.000240899	0.003910738
YGL02.3983.C1	7.838015378	0.812845178	0.68944979	0.983518782	0.092549389	-0.42106106	-0.614555258	0.000461986	0.006176557
YGL02.13502.C1	5.220189106	0.812793685	0.353177753	-0.199403409	0.095388541	-0.538023873	-0.142763842	0.003253975	0.024837581
YGL02.21087.C1	6.513447652	0.812255247	0.216251937	0.523674032	-0.258109028	-0.316717722	-0.542687543	0.0031999	0.024545964
YGL02_GNYA1SO04I6ATN	8.812938444	0.81217316	0.727262771	0.688766588	-0.156410397	-0.056097909	-0.71246582	6.02E-06	0.000312491
YGL02.5944.C1	5.543257668	0.811636379	-0.177999195	0.179902612	0.372331171	-0.030328525	-0.392326102	6.42E-05	0.001545854
YGL02.15654.C1	6.140716853	0.811340208	-0.0504831	-0.382094481	-0.051753614	-0.305450356	-0.180538708	0.003285267	0.025007942
YGL02_GNYA1SO04I39WO	5.571254711	0.811291774	-0.296215735	0.232900957	0.656024174	0.358439047	-0.535662486	0.0051908	0.034828874
YGL02_GNYA1SO04JHCU4	5.629418631	0.811196016	0.201553749	0.546358411	-0.414081305	-0.568312283	-1.465824821	0.00259671	0.021140627
YGL02.526.C1	8.056908913	0.811149954	0.119574589	0.206240682	0.341303651	-0.178961886	-0.256293481	0.004265644	0.030163906
YGL02.424.C1	9.234735278	0.810782608	-0.04864113	-0.105204853	-0.113157703	0.222833918	-0.21702071	0.002352672	0.019695252
YGL02_GNYA1SO04JK970	7.483135296	0.810349993	0.409533586	0.373303061	-0.091414332	-0.34415751	-0.63081796	0.000645104	0.007841145
YGL02_GNYA1SO04H2GKY	8.410456106	0.810346894	-0.111633171	-0.038126102	0.144193394	-0.197826609	-0.427637076	6.16E-06	0.000317217
YGL02.2229.C4	7.256737013	0.810273422	-0.692963194	-1.228660931	-0.339041864	-0.013797441	-0.113247896	0.005845802	0.037949596
YGL02_GNYA1SO04IIRWI	5.571121355	0.810187456	0.447072727	0.450841671	-0.045271003	-0.532587799	-0.484124859	0.005465154	0.036149021
YGL02_GNYA1SO04I9JDP	10.05233254	0.809952201	0.324359905	0.453419322	-0.041212548	-0.260664132	-0.307753283	1.02E-07	2.58E-05
YGL02_GNYA1SO04H8OBT	7.216508671	0.809658186	-0.247190729	0.080225483	-0.048916495	-0.458134654	-0.633152544	3.63E-06	0.000226598
YGL02_GNYA1SO04IAR35	8.387719601	0.80952619	-0.604852536	-0.425294363	0.439799918	-0.390213781	-0.891799203	0.002259121	0.019138508
YGL02_GNYA1SO04JY2FL	8.271419302	0.809168315	-0.08128777	-0.21633433	0.013507541	-0.195418637	-0.017219297	0.000166056	0.00300712
YGL02_GNYA1SO04JERS6	7.296364558	0.808954756	-0.013940038	0.863498932	-0.236538981	-0.040439969	-1.071093086	0.006669771	0.041665256
YGL02.5089.C1	13.11951616	0.808844443	-0.057805596	0.273639191	-0.056292564	-0.577497722	-1.018331619	1.34E-05	0.000524047
YGL02.13854.C1	5.76715722	0.808784762	0.355381197	1.19091941	0.046840998	-0.331792456	-1.02600912	0.00484196	0.033108941
YGL02.10630.C1	7.966683785	0.808776053	0.66724548	0.481403049	-0.052388294	-0.221454047	-0.676707142	0.000240033	0.003902358
YGL02.10174.C1	6.060357383	0.808738351	0.76532008	0.797802406	-0.08087804	-0.287022658	-0.709552157	2.06E-05	0.000708328
YGL02_GNYA1SO04H99H2	8.116309493	0.808692386	0.056992492	-0.060985239	0.003605338	-0.106369492	-0.475164771	0.000198256	0.003410559
YGL02.82.C18	7.533459346	0.808300619	-0.213787756	-1.241087656	-0.375293454	-0.247512149	-0.926274797	0.002050116	0.017839375
YGL02.15169.C2	4.60636902	0.80809752	0.99033451	0.049567197	0.226730198	-0.928016602	-0.349973098	0.005668626	0.037134169
YGL02_GNYA1SO04IM70Y	6.304523508	0.807992358	0.579801361	0.788547545	0.11410586	-0.560577595	-0.984883796	0.000942089	0.010285533
YGL02_GNYA1SO04IV7XP	9.106352038	0.807988723	0.151640578	0.349383571	-0.072563036	-0.259175894	-0.284771586	1.73E-05	0.000623661
YGL02.10776.C1	8.703831186	0.807966087	0.134835591	0.208344401	-0.093260729	-0.271242374	-0.768659066	6.66E-06	0.000334085
YGL02.9500.C1	7.148152497	0.807869815	-0.155626332	-0.072979553	0.110396234	-0.009652115	0.209190182	4.80E-05	0.001267067
YGL02_GNYA1SO04I53DE	7.479322834	0.807835537	0.302450531	0.20502403	-0.26086849	-0.279573321	-0.546614182	4.93E-05	0.001289731
YGL02.2986.C1	7.427479742	0.807593898	1.216382187	1.567989986	-0.142151194	-0.512791171	-0.82572617	5.92E-06	0.000309607
YGL02.15911.C1	6.102240829	0.807485744	0.513324719	0.602856386	0.013906919	-0.122023644	-0.541764167	0.000275	0.004300956
YGL02_GNYA1SO04JDWWJ	8.822920384	0.807469968	0.830517334	1.180095913	0.708350478	-0.525420688	-1.163200261	0.000232525	0.003813993
YGL02_GNYA1SO04JJ4XY	7.145254953	0.807369934	0.738354085	1.788437045	-0.169834219	-0.117396779	-0.707265901	0.000761597	0.008843721
YGL02.7594.C2	9.249922395	0.807334023	0.19627753	-0.245077259	0.011787584	-0.184259615	-0.088743547	8.95E-07	9.40E-05
YGL02.10599.C1	7.562450527	0.807244856	0.00559663	0.293130384	-0.032022342	-0.267272135	-0.298855476	3.54E-05	0.001034772
YGL02.5046.C1	8.598252763	0.807213954	0.315619037	0.713998012	0.098713315	-0.136089489	-0.334078847	0.000218631	0.003653552
YGL02_GNYA1SO04JOEBR	6.576571134	0.80686855	-0.233762465	-0.15626489	0.226486604	0.34087805	0.316964525	0.005006337	0.033932255
YGL02.11691.C1	6.193630297	0.806713719	0.155296898	0.023064066	-0.113649883	-0.123724986	0.056367297	1.61E-05	0.000596323
YGL02_GNYA1SO04IRT66	4.980126699	0.806612106	0.355938198	0.771191375	0.226039375	0.04323901	-0.234572895	0.000117984	0.002374307
YGL02.11245.C1	6.946368245	0.806057956	-0.710784927	1.096289027	-0.285482414	-0.057705333	-0.709427766	1.44E-05	0.000552388

YGL02_GNYA1SO04IWA47	7.476026861	0.806049285	0.114223316	0.312022298	-0.207107912	-0.10605776	-0.256886072	0.00125743	0.012596457
YGL02.7130.C1	9.066561074	0.805826321	0.035681436	0.307833423	-0.055451702	-0.03623078	-0.331948206	0.000106431	0.00221513
YGL02_GNYA1SO04IXMSK	11.76139866	0.805690219	0.024209545	0.329087626	-0.201883236	-0.109052074	-0.092923551	1.24E-05	0.000497665
YGL02_GNYA1SO04IKUTX	6.483270203	0.805679667	0.39285572	0.522497274	-0.406626476	-0.250394378	-0.112558724	0.003050918	0.023721838
YGL02_GNYA1SO04H53OB	6.447912131	0.805661793	0.936869615	0.999149091	-0.272891817	0.00956362	-0.246751058	0.002906517	0.022921113
YGL02.21486.C1	7.95666209	0.804997497	0.084163705	0.688637006	0.017780383	-0.137503896	-0.630688557	2.02E-05	0.000699974
YGL02.23040.C1	7.355019402	0.804991046	0.529882767	0.493805024	-0.605336748	-0.297494045	-0.957075869	0.00137839	0.013449251
YGL02.16842.C1	6.609092925	0.804854289	-0.140210246	0.027485272	-0.286520507	-0.011926489	-0.716313112	0.000191476	0.003326506
YGL02_GNYA1SO04J0OJN	2.843081444	0.804672957	0.074490206	-0.007970987	0.09247468	-0.693144642	-0.80112711	0.002746573	0.022034145
YGL02_GNYA1SO04IS702	6.870227148	0.804670127	0.419649135	0.645821122	-0.722909349	-0.029884648	-0.242924103	0.003018847	0.02354599
YGL02_GNYA1SO04JXT1W	9.058215295	0.804669152	0.024475346	0.474972631	-0.303040677	-0.200313306	-0.663850047	0.003007641	0.023478384
YGL02.1806.C1	8.001548754	0.804578432	0.32310585	0.524218434	0.136722326	-0.134241813	-0.538648495	0.002266352	0.019183449
YGL02.9940.C1	9.152497267	0.804553099	0.258610381	0.552819324	0.103499152	-0.141106221	-0.40436934	6.39E-07	7.56E-05
YGL02_GNYA1SO04JYQKP	12.53452323	0.80441481	0.050607029	0.259505184	0.071765277	-0.232822504	-0.6402153	5.31E-06	0.000288578
YGL02_GNYA1SO04JWYKP	12.53971831	0.804099474	0.386614266	0.540137892	0.299053393	-0.194107625	-0.472189793	5.39E-05	0.001371093
YGL02.4924.C2	7.509684228	0.803613038	0.250849169	0.320735023	0.46472541	-0.155461633	-0.304770662	0.000366424	0.005258905
YGL02_GNYA1SO04JWW4P	7.579529223	0.803541726	0.550497944	0.926210665	-0.12009627	-0.428109346	-0.451570335	2.31E-05	0.00076563
YGL02.394.C1	8.756412784	0.803434519	-0.102226356	0.590811919	0.066912461	-0.343338906	-0.588694952	0.000367211	0.005264954
YGL02.8339.C1	10.8418991	0.8032216	-0.025242697	0.964063853	-0.116405137	-0.130719294	-0.69599051	1.42E-05	0.000547468
YGL02.21236.C1	6.975142024	0.803218854	0.047928701	0.465057859	0.019922292	-0.326363086	-0.28136539	1.16E-05	0.000477532
YGL02_GNYA1SO04IJ3WH	6.923173094	0.803211369	-0.169574462	0.343128974	-0.16718131	-0.278493515	-0.58213086	0.006763257	0.042060557
YGL02.12501.C1	7.368343426	0.8030658	0.555263985	0.920043659	0.040721398	-0.282757245	-0.410348851	5.38E-06	0.000291219
YGL02_GNYA1SO04H70WM	8.798259286	0.803044165	0.271857295	0.622087041	-0.222001294	-0.104011995	-0.764951355	1.47E-05	0.000560432
YGL02.19286.C1	7.554185126	0.80295296	0.043045699	0.483530491	-0.018169838	-0.118624252	-0.594165178	1.12E-05	0.000468353
YGL02_GNYA1SO04IS8XQ	7.191832765	0.802540817	-0.25479815	0.451354425	-0.18166849	-0.441314382	-0.451098422	8.10E-05	0.001828838
YGL02.12936.C1	9.359961901	0.802520369	0.380782559	0.459899946	-0.010807864	-0.17895855	-0.225779997	1.12E-06	0.000108764
YGL02.22039.C1	5.432764618	0.802144872	0.097210466	0.029762693	0.307274117	-0.018256972	-0.082515635	0.001872397	0.016747567
YGL02_GNYA1SO04IEJ41	8.159811188	0.801991572	0.15814833	0.357952029	0.270803407	-0.071588998	-0.198460099	7.56E-06	0.000362646
YGL02_GNYA1SO04JG8NM	8.159794831	0.801848724	-0.281694088	0.058368789	-0.082431576	-0.018569798	-0.334345864	6.02E-05	0.001479611
YGL02.11525.C1	5.933590859	0.801829536	-0.471846342	0.395421032	-0.33610602	0.425908601	-0.269808711	0.000853648	0.009590143
YGL02.6308.C1	6.707793546	0.801786632	-0.003017846	0.547419586	0.02194958	-0.150197462	-0.820187458	2.89E-05	0.000898619
YGL02_GNYA1SO04I1RPW	7.892419479	0.801744685	0.003590538	0.46296867	0.267803701	0.086466448	-0.535474391	0.000331494	0.004909114
YGL02.21132.C1	8.283023794	0.801338435	0.563912566	0.356954558	0.180193891	-0.117772112	-0.419795164	1.70E-06	0.000141491
YGL02.453.C1	9.108283498	0.801330469	0.179502029	0.873365993	-0.132034589	-0.425392697	-1.028184442	1.22E-05	0.00049113
YGL02.2517.C1	14.31613571	0.801231403	-0.102865348	0.353202297	0.049203529	0.03753223	-0.480439594	1.62E-05	0.000599278
YGL02.2581.C2	7.304946514	0.801184623	0.15300606	-0.128723733	-0.23200264	-0.333159835	-0.189512482	0.000277055	0.004325785
YGL02_GNYA1SO04IM40I	8.48819188	0.801067662	0.155541915	0.069774262	0.129769256	-0.202332131	-0.167105166	2.05E-07	3.71E-05
YGL02.15902.C1	6.934553789	0.80105519	0.78081297	0.872225452	-0.147477226	-0.256878493	-0.873287242	0.000211094	0.003560801
YGL02.1702.C2	4.785333863	0.801007371	0.737549037	1.126067753	0.226214981	-0.273557891	-0.738829584	0.000282472	0.004388656
YGL02_GNYA1SO04IOMU9	6.692573518	0.800634889	0.286937344	0.510445308	0.113407631	-0.235032718	-0.424834321	2.12E-05	0.00072292
YGL02.9671.C1	7.468240404	0.800398442	0.684338911	1.378617632	-0.171753518	-0.193349583	-0.444442999	2.04E-06	0.000157617
YGL02.11154.C1	6.84642542	0.800280415	0.193730266	0.062895762	0.204726239	-0.143167157	-0.615285712	1.77E-06	0.000144676
YGL02_GNYA1SO04JE8UP	7.910736818	0.800227202	-0.295970189	-0.094353695	-0.047416609	-0.007068549	-0.176398333	1.26E-05	0.000501788
YGL02_GNYA1SO04I5PZ0	6.67392226	0.800110001	0.203924359	0.474699025	0.040280754	0.001856703	-0.736421063	0.001864905	0.01670594
YGL02_GNYA1SO04JZZ7O	10.14399696	0.800068209	0.383809412	0.852985216	0.498018101	-0.38357664	-0.588523872	0.000283679	0.004400027
YGL02.10605.C1	9.893715959	0.799963602	-0.041829429	0.269818629	0.146611712	0.051776594	-0.49887313	5.62E-05	0.001410285
YGL02_GNYA1SO04ICGO0	5.839836109	0.799714988	0.002484764	0.044077785	-0.219128075	-0.190108895	-0.008886324	0.000543079	0.00693361
YGL02.7659.C1	6.54556896	0.799552896	0.627038187	0.564423759	-0.412603619	-0.397893965	-0.357231864	3.53E-07	5.20E-05
YGL02_GNYA1SO04I9W8F	7.504535617	0.799401741	0.231146037	1.398268459	-0.294335299	0.005281721	-0.482350416	0.000122668	0.002444261
YGL02_GNYA1SO04IOSZF	7.187472939	0.79934674	0.406345486	0.751414375	-0.033023963	-0.031722608	-0.709936066	2.51E-05	0.000811608
YGL02.6014.C1	8.651532122	0.799337627	0.049120532	0.09616962	0.241326829	-0.029958837	-0.190558807	5.15E-05	0.001326683
YGL02_GNYA1SO04IT35V	9.931908215	0.799313632	-0.128876584	0.367099211	-0.075603563	0.056335185	-0.261411498	4.50E-06	0.000259231
YGL02.6430.C1	9.314949819	0.799146437	0.149990859	0.245481848	0.068295493	-0.240288425	-0.697797701	2.03E-05	0.00070296
YGL02.16316.C1	5.701019662	0.799146113	-0.349540099	0.65222318	-0.335408992	-0.247624916	-0.670112643	0.00182986	0.016486676
YGL02.6107.C1	7.518811565	0.798905197	0.433778126	0.955303699	-0.095006276	-0.479291865	-0.872591991	0.00086641	0.009687286
YGL02_GNYA1SO04IH3TJ	6.815225246	0.798900271	0.641163689	0.527149348	-0.267403297	-0.462070726	-0.490769222	0.000505668	0.00656931
YGL02_GNYA1SO04JUK0K	8.122015589	0.798889352	0.0989294	0.436362167	-0.403877987	-0.064768319	-0.567090487	0.00022195	0.003694357
YGL02_GNYA1SO04JZNKW	7.885730588	0.79879791	0.062119889	0.341507988	-0.107459992	-0.183301045	-0.304247811	1.20E-05	0.000486383
YGL02.255.C1	11.10718771	0.798795066	0.253208504	0.499823169	-0.192543393	-0.186487658	-0.302586345	3.20E-06	0.000208528
YGL02_GNYA1SO04ISO6A	7.627981036	0.798707035	0.50362912	0.399406104	0.16743509	-0.389133683	-0.330589363	3.72E-06	0.000230468
YGL02.8261.C1	8.378021405	0.798548019	0.622077798	0.535825768	0.099277229	-0.374292835	-0.282903283	1.97E-05	0.000686204
YGL02.23640.C1	4.082367919	0.798526668	-0.198444981	-0.140759472	0.150493072	0.157738447	0.011091592	0.003474019	0.026013521
YGL02.10392.C1	6.032384636	0.798486155	0.051436956	0.3300626	0.329014996	0.030972482	-0.119093382	0.000382659	0.005421607
YGL02.4315.C1	7.829550189	0.798242347	0.340221072	-0.377814125	0.075500147	-0.166055798	-0.155010125	0.000194706	0.003366812
YGL02.1743.C1	6.850220111	0.798218028	0.191169404	0.618678562	-0.013275554	-0.319922946	-0.396612222	8.69E-06	0.000396855
YGL02.10539.C2	9.301269654	0.79819808	0.150491492	0.39482322	-0.012413679	-0.364947253	-0.165809505	0.000543415	0.006936522
YGL02.19109.C1	7.202465966	0.798196424	-0.237318606	0.004433611	0.466165143	-0.113742834	-0.763610751	0.006846781	0.042423119
YGL02.10732.C1	7.940569518	0.797986656	0.390159258	0.216285636	0.038469758	-0.224170027	-0.430957848	1.28E-07	2.86E-05
YGL02.9913.C1	7.563612013	0.797735744	0.06325229	-0.488766961	0.092324008	0.113622569	0.13936081	0.000385614	0.00545128
YGL02.1505.C1	5.807700359	0.797638461	0.374572022	0.395020976	-0.360852039	0.108909041	-0.363259419	0.001191469	0.012131829
YGL02.5203.C1	6.146523982	0.797496301	0.140597628	0.174244465	0.203293219	-0.334324506	-0.757216654	0.00107652	0.011283445
YGL02.3411.C1	7.276137832	0.797310067	0.690190041	0.744375949	0.011654636	-0.55276291	-0.345674374	3.34E-06	0.000214121
YGL02.3934.C1	12.88555969	0.797279998	0.182484466	0.413259699	-0.041952956	-0.333390168	-0.805302986	1.33E-06	0.000120129
YGL02.12962.C1	8.447706273	0.797186881	-0.252760741	1.116857979	-0.358720443	-0.344929196	-0.578936099	0.002937279	0.023077295
YGL02_GNYA1SO04JAL35	8.346883232	0.797140557	0.319267526	0.510994636	-0.215637292	-0.127414984	-0.290107592	1.68E-05	0.000613926
YGL02_GNYA1SO04I7UPE	8.556690752	0.79695329	0.182420352	0.611332801	-0.467862998	-0.389439085	-1.452921963	4.89E-05	0.00128371
YGL02_GNYA1SO04H7GGH	8.196949964	0.79675253	-0.405109517	0.837919908	0.355239793	-0.515723147	-1.308903979	0.000476109	0.006305493
YGL02.8699.C1	7.677027025	0.796370795	0.53727572	1.242027997	0.009159929	-0.402976292	-0.694243481	0.000203268	0.003468081
YGL02.16189.C1	6.863647905	0.796306326	-1.361532677	-0.002842326	0.227945924	0.091304333	-0.255579666	0.00017571	0.003131155
YGL02.13391.C1	5.020739819	0.796304289	0.517696155	0.799955714	0.305553318	-0.14940251	-0.338013376	9.87E-05	0.002104043
YGL02.5399.C1	9.145522218	0.796275255	0.624354588	0.277714234	-0.024388	-0.466655423	-0.26961077	9.76E-07	9.91E-05
YGL02.9588.C1	6.528704278	0.796020764	-0.49188199	0.559164652	-0.006065348	0.4843855	-0.254169826	0.001232495	0.012421625
YGL02.11934.C1	5.603331471	0.795891311	0.124734528	0.001161811	-0.06003673	-0.108845484	-0.687651937	0.001528607	0.014508303
YGL02.15655.C1	6.696115237	0.795789688	-0.296315424	0.068005198	-0.009781043	-0.10775093	-0.336575103	0.000691969	0.008245925
YGL02.16554.C1	9.518565987	0.795671744	-0.024438272	0.097808434	0.142291566	-0.178558321	-0.508910782	0.000105172	0.002195285
YGL02_GNYA1SO04IP4Y9	6.16766045	0.795275274	0.174148001	1.005532886	0.206288228	-0.30768887	-0.833195278	0.000639062	0.007787437
YGL02.22320.C1	4.859993339	0.795140009	0.14046905	-0.249656752	-0.181657374	0.174908816	0.541224426	0.003462141	0.025944081
YGL02_GNYA1SO04ICAZG	8.023871077	0.795121527	0.033345356	-0.10683908	-0.332522891	-0.069122721	0.139234587	0.000320936	0.004795819
YGL02.8354.C1	9.585375283	0.79503911	0.55314259	0.15277259	0.018042485	-0.329693294	-0.413594701	0.002375499	0.019840175
YGL02.20134.C1	6.320226982	0.79503305	0.704969041	1.033514219	-0.265940824	-0.670606276	-1.256785237	0.000315823	0.004749548

YGL02.11436.C2	4.991348604	0.795019974	1.19761872	-0.113137409	-0.104213551	-0.204255663	0.01670363	0.001541697	0.01459724
YGL02.10649.C1	7.355191768	0.794934683	0.011634354	0.226744846	-0.17171094	-0.198525276	-0.278344887	0.0001227	0.002444428
YGL02.19779.C1	6.398209153	0.79441049	0.570297648	1.023774998	0.493765995	-0.277141646	-0.379869507	0.000568916	0.007163891
YGL02_GNYA1SO04IY1OF	12.68446735	0.794273081	0.390141089	0.563986172	0.261339954	-0.228741825	-0.520513145	0.000124924	0.002473926
YGL02.12282.C1	6.408237262	0.794265932	0.122677279	0.005793691	-0.12178401	-0.397010022	-0.847489574	0.000146092	0.002758067
YGL02.3700.C1	5.175969402	0.794144116	-0.012548854	0.071097623	-0.049091462	-0.596624774	-0.441908555	0.001308685	0.012964858
YGL02.4707.C1	10.38825736	0.793920437	0.156195823	0.416150499	-0.000403172	-0.157943089	-0.319378128	2.55E-06	0.000180885
YGL02.4377.C2	8.362572991	0.793908466	0.198220984	0.572581455	-0.155445137	-0.227777825	-0.706279115	6.67E-05	0.001588669
YGL02.8937.C1	3.081788845	0.793765912	0.347703855	-0.013615826	-0.239774953	0.277692175	-0.49093677	0.004584346	0.031782364
YGL02.4099.C1	5.007573916	0.793576695	-0.016536101	0.875260436	0.250210039	-0.109797292	-0.536042989	0.001620342	0.015116399
YGL02_GNYA1SO04IUGSC	8.394257806	0.793524632	0.006436549	0.536139642	-0.051211165	-0.065266819	-0.505414217	8.51E-06	0.000391762
YGL02.20230.C1	7.788445742	0.793387653	-0.31653665	0.483698118	-0.149645009	-0.034735645	-0.561822405	0.002472269	0.020423156
YGL02_GNYA1SO04JFM12	7.405850612	0.793349003	0.426149179	0.78317645	-0.049921292	-0.23674642	-0.399801076	2.13E-06	0.000162198
YGL02_GNYA1SO04JQIY0	7.402315048	0.79333928	0.424110537	0.613694434	-0.034759905	-0.522558392	-0.632790402	0.000654336	0.007920642
YGL02.1590.C1	5.466694417	0.793257312	0.3785025	1.023441729	0.180466441	-0.142256712	-0.385784719	0.000426083	0.00583326
YGL02.4424.C1	8.853608931	0.792940346	-0.265464737	-0.68919574	0.10186772	0.063844509	-0.033261563	6.92E-05	0.001632933
YGL02_GNYA1SO04I6PJI	8.12360415	0.792895788	0.300372463	0.353680615	-0.182037308	-0.270116375	-0.692895274	1.72E-05	0.000623232
YGL02_GNYA1SO04JU49D	5.965649688	0.792767677	0.309389883	0.154440466	-0.633851823	-0.148353542	-0.270928339	0.001385147	0.013497523
YGL02.23035.C1	7.162664203	0.792728569	0.707935478	1.853866036	-0.198878906	-0.35871131	-1.128712891	0.000798793	0.009142825
YGL02.10777.C1	7.378932604	0.79264382	0.285102341	0.461882243	-0.228431359	-0.191887352	-0.821809632	8.51E-05	0.001893811
YGL02_GNYA1SO04JAY14	7.609333151	0.792536882	0.33051545	0.59617846	-0.150626774	-0.606819175	-0.700360583	4.65E-06	0.000264718
YGL02_GNYA1SO04IZQF0	5.979231598	0.792531757	0.331053729	-0.009562012	-0.149691288	-0.536165773	-0.255171381	4.60E-05	0.001233772
YGL02_GNYA1SO04I3IXT	10.21349234	0.792495865	0.038398651	0.544736323	0.00363805	-0.122813356	-1.026928287	0.000704895	0.008355362
YGL02.23108.C1	5.230249843	0.792438417	0.577049932	0.295147002	0.086404627	-0.429339851	-0.561437353	0.000105622	0.002202554
YGL02.14088.C1	8.120173459	0.79234995	0.123540874	0.535412295	-0.146916438	-0.247724374	-0.535314317	4.88E-06	0.000272964
YGL02.12297.C1	3.909314938	0.792238336	-0.219341926	0.216395168	-0.148059329	-0.303892987	-0.354560379	0.005603895	0.036831555
YGL02.2742.C2	6.790252158	0.792179583	-0.309388765	-0.03191372	0.020636347	-0.134439864	-0.433896095	0.000665608	0.008017373
YGL02.1817.C1	9.245466921	0.792030142	0.275944106	0.791930902	-0.107851297	-0.216746825	-0.671807744	1.14E-05	0.000471502
YGL02_GNYA1SO04JGPAM	5.127421452	0.792027738	0.560880598	1.029598341	-0.134925074	-0.835440255	-0.411337746	0.006437339	0.040626803
YGL02_GNYA1SO04JOQJO	6.929570163	0.792008679	-0.189331996	0.610699002	-0.233469546	-0.410319371	-0.977162044	0.000209146	0.003536688
YGL02.5855.C1	7.25158313	0.792000744	0.366297793	0.407044265	-0.072286056	-0.136399471	-0.165453338	8.46E-05	0.001888305
YGL02.8823.C1	5.162301478	0.791446363	-0.059193343	0.840518832	-0.016541959	0.111859486	-0.996393872	0.00078559	0.009034032
YGL02.6272.C5	7.187800624	0.791354344	-0.415051504	0.095153981	0.049248138	-0.093638949	-0.404896935	9.31E-05	0.002023571
YGL02.9876.C1	7.018810158	0.791198827	-0.024846773	0.253676771	0.001371323	-0.078890819	-0.353656013	7.22E-05	0.00168623
YGL02_GNYA1SO04IN8DC	7.262239336	0.791181949	0.494461585	0.560937063	0.056280625	-0.439217369	-0.996744668	0.000667589	0.008035999
YGL02_GNYA1SO04I4UVA	6.814686017	0.79105727	0.339209298	0.248794045	-0.179782567	-0.700057269	-0.66805336	0.001054683	0.011125703
YGL02.6127.C2	5.960930249	0.790983767	-0.154233306	-0.080833107	0.071215014	-0.139128678	-0.057670854	0.000915437	0.010073687
YGL02.9974.C1	5.13083486	0.790789906	0.141558163	0.438231031	-0.006130855	-0.043163329	-0.263891046	0.000234912	0.003842222
YGL02.20792.C1	5.216187472	0.790590269	1.317558802	0.061085244	-0.007182733	-1.155362307	0.185500738	0.000854178	0.009593313
YGL02.21512.C1	7.274365951	0.790492044	0.216686968	0.713715667	0.157844247	-0.108537319	-0.51110066	7.64E-06	0.000364913
YGL02_GNYA1SO04H88U5	7.536354059	0.790128643	0.242114561	0.896640159	-0.284515715	-0.304544413	-0.62003823	0.000613749	0.0075576
YGL02.15538.C1	6.883564335	0.79007414	0.132856168	0.245539883	0.395953594	-0.035340822	-0.364050769	9.37E-05	0.002030733
YGL02_GNYA1SO04INWXH	12.60402569	0.789905277	-0.034431364	0.284950449	0.018478895	-0.116414563	-0.45558374	4.75E-07	6.25E-05
YGL02.6655.C1	6.826574716	0.789758978	0.239738132	0.589627378	-0.295696906	0.042155419	-0.347375975	5.40E-05	0.001371468
YGL02.23260.C1	9.272180917	0.789593965	0.162499141	0.320931208	-0.202017288	-0.149148802	-0.257597435	2.50E-05	0.000809008
YGL02.5876.C1	9.951301907	0.789579426	-0.684227073	0.263130155	0.222604543	0.19537723	-0.243253836	0.004555385	0.031622216
YGL02.20696.C1	6.949507905	0.789326754	-0.123198211	0.8977012	-0.491977234	-0.124886245	-0.66879755	0.002528999	0.020750165
YGL02.13018.C1	7.11037441	0.789105784	0.147884976	0.587822593	-0.500111815	-0.120967809	-0.724509763	0.000635636	0.007758874
YGL02.1968.C2	8.237835447	0.788979374	0.13046423	1.117775069	-0.141041767	0.053439723	-0.511084153	8.67E-06	0.000396475
YGL02.5831.C4	8.155371044	0.788797231	-0.501806632	-0.047202844	-0.04002134	0.177761664	-0.21072131	1.20E-05	0.000485916
YGL02_GNYA1SO04I577U	13.23409811	0.788613878	-0.138004818	0.18525501	-0.110592145	-0.636844177	-1.050185153	8.14E-07	8.87E-05
YGL02.173.C2	8.036219428	0.788593838	-0.050000093	0.025595449	0.098704574	-0.003999533	-0.184046989	8.41E-06	0.00038913
YGL02.15108.C1	8.792779493	0.788463902	0.178409119	0.298606545	0.067720066	-0.293446068	-1.085573337	0.000773141	0.008933047
YGL02.10488.C1	6.334232954	0.788453038	0.030420697	0.109183555	-0.242204914	0.264567906	-0.889891253	0.001617042	0.015093224
YGL02_GNYA1SO04I9XOR	7.918875445	0.78816636	-0.084459905	0.046400426	-0.27182978	-0.195872209	-0.498396284	0.002069707	0.017965183
YGL02.15363.C1	6.181801007	0.788088461	0.264562249	0.426274333	0.17854218	-0.248789259	-1.141178992	0.00121067	0.012274264
YGL02_GNYA1SO04JPMYI	9.936488478	0.787998883	0.211393398	0.541109862	0.201982986	-0.03782817	-0.782212087	1.78E-06	0.000144751
YGL02.15484.C1	4.83106883	0.787701021	0.187960825	0.405533643	0.440174001	0.583033467	-0.655828408	0.000769704	0.008908299
YGL02_GNYA1SO04I05O8	4.542833576	0.787641312	-0.177298228	-0.025263752	0.229749586	-0.029862032	-0.222951909	0.008457476	0.049395805
YGL02_GNYA1SO04IEIBT	11.62353921	0.787545198	1.024411259	1.438109997	0.409516812	-0.126414996	-0.849032479	0.001976397	0.017414374
YGL02_GNYA1SO04JH6V5	8.380427856	0.787444666	-0.223366604	0.227457853	0.068258942	-0.026420643	-0.238786952	0.001797881	0.016282932
YGL02.15922.C1	7.298263181	0.787340797	-0.269849307	-0.707577837	-0.087532609	0.020754562	0.244601557	0.00156679	0.014763584
YGL02.8149.C1	4.365882327	0.78728708	-0.163997134	0.644956693	0.214224299	-0.411154533	-1.036693208	0.001295834	0.012868684
YGL02.9856.C1	5.70092517	0.787200427	0.146998993	0.411945562	0.159168903	-0.14077118	-0.236349657	0.000117158	0.002363197
YGL02.10767.C1	10.01456561	0.787038512	0.252788049	0.117578882	0.000211331	-0.190871327	-0.397478166	5.50E-07	6.85E-05
YGL02.11930.C1	8.336388291	0.786966128	0.486764198	0.683131896	0.168300313	-0.296874313	-0.436265366	2.64E-06	0.000184854
YGL02.20529.C1	8.307887241	0.786881838	-0.21770271	0.366210426	0.095505912	-0.066594761	-0.255089851	2.27E-07	3.95E-05
YGL02.18451.C1	9.335049586	0.78686443	-0.029874275	0.369244624	-0.004016008	-0.519715289	-0.625724411	0.000670253	0.008059831
YGL02.7768.C1	5.894606321	0.786859107	0.539938584	1.136397181	0.029175308	0.026497278	-0.762329656	0.005570525	0.036659766
YGL02_GNYA1SO04IHS5E	7.002659225	0.786687785	-0.142326431	-0.037483003	-0.303522325	-0.178976554	-0.311752393	0.005798766	0.037735151
YGL02.23625.C1	7.886957917	0.786482555	0.333376729	1.152148416	0.171701345	-0.250256994	-0.572874352	2.02E-06	0.000156654
YGL02_GNYA1SO04JCOSX	7.753042214	0.786411876	0.105130585	0.579662659	-0.159668268	-0.311669461	-0.834145293	3.12E-05	0.000943909
YGL02.4240.C1	10.06778516	0.786383935	0.098850649	0.472043339	-0.177371693	-0.003204858	-0.924176334	3.87E-05	0.001098233
YGL02_GNYA1SO04I4PTT	9.353246957	0.786335284	-0.154660585	0.166719057	0.006363293	0.082745205	-0.682743928	1.00E-05	0.00043438
YGL02.21057.C1	8.825195506	0.786277404	-0.188660113	0.075453764	0.436934923	-0.14345085	-0.697043291	0.000124608	0.002471135
YGL02.1544.C2	7.407176503	0.786253323	0.179609709	0.490665317	-0.320641574	-0.087319404	-0.363752513	3.35E-05	0.000993248
YGL02.7760.C2	9.45436401	0.786124684	0.574101878	1.063029948	-0.153847867	-0.388853048	-0.618917683	4.46E-06	0.00025807
YGL02.22708.C1	7.47566231	0.786112585	-0.941285137	-0.816147586	0.447571691	-0.221848108	-0.171215489	0.000537467	0.006876192
YGL02_GNYA1SO04H4VIA	13.82792017	0.78603326	-0.093244234	0.365716214	0.232171909	-0.275928476	-0.69584656	4.32E-06	0.00025232
YGL02_GNYA1SO04I0YVJ	7.487414993	0.785823864	0.291022648	0.222069209	-0.135298238	-0.217792458	-0.392815884	0.000845825	0.009522336
YGL02_GNYA1SO04JGCKH	7.947708499	0.785418891	-0.406424043	0.052464571	-0.044170325	0.004431522	-1.075433933	0.000746253	0.008713985
YGL02.8889.C1	10.85360948	0.785296534	0.268460579	0.801486323	0.247584165	-0.252118578	-0.873494617	3.09E-06	0.00020357
YGL02_GNYA1SO04IKJ29	12.61619707	0.784917166	0.434764573	0.556474033	0.237270347	-0.301531035	-0.526722661	2.00E-05	0.000695135
YGL02.17130.C1	5.874468257	0.784877287	-0.056091245	0.587416826	0.607806334	-0.255851436	-1.118086215	1.43E-05	0.000549335
YGL02_GNYA1SO04H2IBX	6.247215299	0.784629221	0.157898048	0.393124061	-0.001373827	-0.298049087	-0.546443971	0.002635945	0.021367705
YGL02.2580.C1	6.363478299	0.784628912	0.212544851	0.509998708	-0.501688212	0.003196394	-0.79084897	3.91E-05	0.001103531
YGL02_GNYA1SO04H5NV9	8.817318062	0.784626838	-0.25293917	-0.108399087	0.420672009	-0.11645909	-0.809293094	4.69E-05	0.001247734
YGL02_GNYA1SO04IL115	8.042985863	0.784593642	0.098539693	0.449709956	0.025201451	-0.251594553	-0.482461431	5.85E-06	0.000307298
YGL02.14156.C1	5.148837516	0.784476474	0.499755958	0.16651998	0.415666634	-0.847720413	-0.226033756	0.002539316	0.020809765
YGL02.11009.C1	6.337063387	0.784384416	-0.051935775	0.560194943	-0.132207905	-0.132735638	-0.559355811	0.000352456	0.005119712

YGL02.5064.C1	6.666597827	0.783713631	-0.309046718	0.303762365	-0.285816395	-0.098751295	-0.826198356	0.002157679	0.018511638
YGL02_GNYA1SO04I6PMR	7.490769092	0.783386389	0.308123205	0.497239541	-0.14907882	-0.162378244	-0.759293441	0.000179749	0.003177054
YGL02.8085.C1	10.51151027	0.783245474	-0.257028028	0.512742319	0.189642074	-0.13561293	-0.776137436	3.69E-05	0.001063744
YGL02.2988.C2	10.92258575	0.783186418	0.303241639	0.653089646	-0.285263772	-0.183181011	-0.46683434	4.14E-07	5.74E-05
YGL02.5672.C1	6.856201647	0.783019998	-0.03949418	0.417905455	-0.279434224	0.231197548	-0.219011145	0.000155783	0.002881532
YGL02.650.C1	8.244394721	0.782775523	0.198373737	0.117934852	-0.293305618	-0.146720055	-0.593499188	2.43E-06	0.000175723
YGL02.10378.C1	9.701991854	0.78269677	0.102470844	0.609025219	-0.039239102	-0.421055728	-0.874686884	8.86E-06	0.000401793
YGL02.1682.C1	6.707759816	0.782590658	0.621574073	1.460527632	0.013716808	-0.346043839	-0.908239335	9.16E-06	0.000410548
YGL02_GNYA1SO04I55GD	6.215384866	0.782584325	-0.015924143	0.135425663	-0.020609256	-0.034154314	-0.103045195	0.001160094	0.011896384
YGL02_GNYA1SO04I6T5O	9.478600903	0.782556809	0.148328725	0.213263688	-0.043041583	-0.130205898	-0.568304767	6.05E-05	0.001483757
YGL02_GNYA1SO04H1UGA	8.668016507	0.782510274	0.064444133	0.336823087	-0.129216915	0.02336578	-0.229221607	7.52E-05	0.00173357
YGL02.19422.C1	5.391281161	0.782188658	0.586425568	0.902109835	0.155965141	-0.481450799	-0.678232871	0.003467501	0.025972712
YGL02_GNYA1SO04JF59C	7.497822115	0.782096662	0.404350975	0.706250855	-0.061782049	-0.523589825	-0.785683679	0.00230538	0.0194224
YGL02.15039.C1	7.918612906	0.781952505	0.244878887	0.409865822	-0.152434529	-0.019765774	-0.501449905	1.70E-05	0.000618057
YGL02_GNYA1SO04JJL2B	7.528126421	0.781580952	0.131775772	0.446552989	0.129988495	-0.343196187	-0.646548883	5.19E-05	0.001334561
YGL02_GNYA1SO04I6LG4	6.397552588	0.781563353	0.41088227	0.635960681	0.007210506	-0.196705859	-0.602325474	0.000444381	0.006010697
YGL02.15917.C1	6.155729187	0.781464708	0.024857126	0.275992644	-0.232055726	0.148537357	0.234314702	0.000249716	0.004010135
YGL02.11863.C1	8.961728983	0.781102894	0.341518661	0.22363295	0.067327431	-0.172513504	-0.456239485	3.31E-05	0.000985885
YGL02.12067.C1	4.688947815	0.781081047	-0.489084205	-0.29863552	0.526878562	0.056599631	-0.049269819	0.000549872	0.006992807
YGL02_GNYA1SO04ICTLD	6.345846964	0.781063614	0.989892248	1.18000724	-0.305660399	-0.509677632	-0.95453959	0.002746261	0.022034145
YGL02.1123.C1	9.336066631	0.780914803	-0.402263367	0.501765899	0.084055001	-0.014675759	-0.857646363	0.000147096	0.002771915
YGL02.1520.C2	8.20150262	0.780765951	0.574376512	0.659954923	-0.101209939	-0.510224098	-0.343724562	7.22E-06	0.000351215
YGL02.16380.C1	6.283847089	0.780738944	-0.077675352	0.088270571	-0.290902954	-0.041561442	-0.467454793	0.000430948	0.005879352
YGL02.1370.C1	9.38483945	0.780597204	0.340412374	0.652594743	0.118543915	-0.337929507	-0.607388964	3.61E-06	0.00022589
YGL02.11246.C2	6.211752792	0.78038355	0.097712153	-0.103985787	0.196693912	-0.177887659	-0.199864587	0.004406971	0.030895945
YGL02.6468.C1	9.875026195	0.780104443	0.496725213	0.911097876	0.070060082	-0.290660167	-0.840768849	2.12E-05	0.000722949
YGL02.8144.C1	8.937193333	0.780080045	0.421089277	0.592434644	-0.108649273	-0.345945825	-0.643609113	2.92E-05	0.000903388
YGL02.7753.C2	7.668524788	0.779693324	-0.033805759	-0.149840781	-0.040194961	-0.224125763	-0.493063849	0.005388702	0.035778567
YGL02_GNYA1SO04IMHOI	8.858379448	0.779539953	-0.295267151	0.424306129	-0.243714492	-0.167641991	-0.661168792	7.72E-06	0.000367692
YGL02.10821.C1	4.488494504	0.779123847	0.462041626	0.979096963	0.092412364	-0.688162936	-0.40797411	0.002072234	0.017981093
YGL02_GNYA1SO04IHQP8	9.359138612	0.77901546	0.115218556	0.709173842	-0.231493241	-0.169199879	-0.843269432	2.32E-06	0.000170812
YGL02.3894.C1	7.556599005	0.77901343	0.479967125	1.112487759	0.092965751	-0.677848885	-1.408162143	0.000102513	0.002160343
YGL02.15368.C1	6.649871213	0.778915398	-0.208993324	0.512461173	-0.178373402	-0.194953379	-0.655163767	1.20E-05	0.000485714
YGL02_GNYA1SO04JVNW3	5.492094501	0.778814395	0.483593665	0.193306825	-0.123548806	-0.229150687	0.284811917	0.005443972	0.036050782
YGL02_GNYA1SO04JYPQK	7.773102278	0.778783795	0.286365637	0.846804466	-0.161890301	-0.16493283	-0.849270093	2.43E-05	0.000793589
YGL02.2580.C2	5.504572215	0.778756397	0.318658078	0.151630623	-0.143457593	-0.396559766	-0.255499746	0.001433062	0.013839842
YGL02.889.C3	8.268187944	0.77867821	0.471480202	0.102309441	0.036613383	-0.273135693	-0.831271437	0.000126157	0.00248737
YGL02.2970.C1	7.042427424	0.77835688	0.553451627	0.775997387	-0.044969219	-0.43696448	-0.423693286	6.74E-07	7.84E-05
YGL02.17174.C1	6.536556615	0.778353504	-0.161758102	0.515795784	0.021801928	0.105553685	-0.372050553	0.001317649	0.013018441
YGL02.17147.C1	3.171067736	0.778342744	0.479304	0.085896047	-0.208390597	-1.013031913	-0.577533688	0.001925037	0.017093263
YGL02_GNYA1SO04JKQZ2	2.894337868	0.778328733	0.127768424	-0.085632019	0.04128014	-0.886228239	-0.543143865	0.003457846	0.025920898
YGL02_GNYA1SO04H9274	7.098109807	0.778214759	-0.1380842	0.025757051	0.11455533	-0.402359122	-0.678052886	0.001064662	0.01119631
YGL02_GNYA1SO04JBKQ6	7.423671392	0.778041417	-0.593427425	0.233222653	0.110093774	0.094429903	-0.653623165	0.000840219	0.009477098
YGL02.18390.C1	10.315563	0.77746453	0.365950705	0.515962904	-0.127314979	-0.131439863	-0.653387003	6.54E-06	0.000330029
YGL02.10780.C1	5.775909288	0.777349482	0.010737621	0.333412482	-0.181648123	-0.083434602	-0.335512294	0.001378141	0.013449109
YGL02_GNYA1SO04JD893	7.323422858	0.777337084	-0.051990535	0.458461673	-0.467316414	0.027252823	-0.344828096	4.11E-05	0.00114274
YGL02_GNYA1SO04IJL29	7.262526825	0.777244066	0.037493673	-0.554334298	-0.370590199	0.130653882	-0.914098561	0.000566445	0.007140412
YGL02_GNYA1SO04IFET9	13.13961172	0.77722821	-0.081462634	0.235057353	-0.212306294	-0.566168245	-1.021890231	6.78E-06	0.000337676
YGL02.15789.C1	5.459810294	0.777089688	-0.185522789	-0.043568115	-0.100736011	0.418811947	0.045879085	0.001125116	0.011649477
YGL02_GNYA1SO04JZNFA	6.123393873	0.776458208	-1.061421044	-0.119914528	0.165636512	-0.097878014	-0.581859433	0.008554802	0.049781082
YGL02.5410.C1	8.301465835	0.775897406	0.293810434	0.83177713	0.070961111	-0.365628522	-0.603832736	8.14E-06	0.00038072
YGL02_GNYA1SO04IE11W	7.543206442	0.775865735	0.381458423	0.128186007	-0.066457053	-0.35423379	-0.313975373	0.000969249	0.010484837
YGL02.2976.C1	6.201406034	0.77560714	-0.109826221	-0.178494649	0.099409997	-0.199667378	-0.166374194	0.0009876	0.010620497
YGL02_GNYA1SO04IUD20	7.406217216	0.775523379	0.227027126	0.388442099	-0.364281238	-0.202271798	-0.503757493	0.000192003	0.003332075
YGL02_GNYA1SO04IK15G	7.548948568	0.77545395	-0.725622462	-0.000248237	-0.202050706	-0.27253825	-0.534879967	0.001460165	0.014033558
YGL02.9352.C1	9.40270474	0.775443378	0.16535673	0.363558836	0.161788841	-0.091353416	-0.275801228	5.27E-05	0.001349193
YGL02_GNYA1SO04IUOKV	7.562548391	0.77515745	0.01498896	0.309740771	0.051781175	-0.31191256	-0.217923956	6.89E-05	0.001627112
YGL02_GNYA1SO04ICQ4H	8.504446119	0.775028004	-0.037399738	0.454837573	-0.15275802	-0.205928974	-0.546183871	0.000507063	0.006584127
YGL02_GNYA1SO04IK2VV	6.117727332	0.774895008	0.445266334	0.27455929	-0.075226771	-0.379161159	-0.418987176	0.003676323	0.02708516
YGL02_GNYA1SO04JMH47	7.009390729	0.774892257	0.501984025	0.642966858	-0.335913517	-0.153365929	-0.859094474	0.007068644	0.043452672
YGL02_GNYA1SO04JQP8Y	7.608995229	0.774829299	0.065858336	0.26876852	0.084641001	-0.10336971	0.022796672	0.000256218	0.004084664
YGL02_GNYA1SO04JMGU3	8.918935507	0.774451858	-0.025607612	0.379542437	0.088650838	-0.064529063	-0.805772245	2.59E-05	0.000830408
YGL02_GNYA1SO04H07VG	7.680626674	0.774343279	-0.061636447	0.967976209	-0.393034986	0.034108455	-0.793587042	0.001192312	0.012136595
YGL02_GNYA1SO04I07UT	7.913309712	0.774252882	-0.085264825	0.505494917	-0.037874504	-0.130774602	-0.625606946	3.11E-05	0.000942389
YGL02_GNYA1SO04IU8G3	9.988605611	0.773780242	0.134313719	0.318703435	0.033280818	-0.236317461	-0.482839299	6.02E-07	7.26E-05
YGL02.9491.C1	5.41972596	0.773779436	0.277279049	0.314931772	0.704824985	-0.320969041	-0.503864684	0.00071045	0.008402688
YGL02.9298.C1	8.064077159	0.77360072	-0.104237745	0.312302847	0.13133186	0.009641302	-0.275141106	0.000391316	0.005509305
YGL02_GNYA1SO04JGAXW	6.02617559	0.773395164	-0.211017427	0.007045034	0.227609747	-0.259086075	-0.294919092	0.001320731	0.013039936
YGL02_GNYA1SO04H5VT0	5.92659786	0.773288333	0.104141096	0.618870874	0.066945334	-0.093606346	-0.358694924	0.002412351	0.020063099
YGL02_GNYA1SO04JVF4S	7.447339473	0.773212665	0.415152258	0.363280842	-0.022990599	-0.382273641	-0.620945826	5.83E-05	0.001448962
YGL02.7847.C1	8.017614128	0.773148609	-0.176278404	0.187767487	-0.007708804	0.103895286	-0.03262896	3.74E-06	0.000231048
YGL02_GNYA1SO04JYK7D	6.243198637	0.773097798	0.545065321	0.726874669	-0.070869443	-0.398843869	-0.384986293	0.000140425	0.002682118
YGL02_GNYA1SO04I0J3L	12.92638429	0.773016285	0.096910086	0.335821513	0.034691185	-0.30924647	-0.779382401	3.25E-05	0.000973199
YGL02.3963.C1	10.83739013	0.772937123	0.077438771	0.352319036	-0.095829073	-0.065650981	-0.022515302	6.52E-06	0.000329449
YGL02.17395.C1	8.807675746	0.772863543	-0.57347135	-0.131275463	0.025125595	-0.113639008	-1.023735253	0.001576131	0.014828937
YGL02_GNYA1SO04JZ8EK	8.919767389	0.772740598	0.296298669	0.400427968	0.309000675	-0.08202742	-0.559848113	0.004024061	0.028929501
YGL02_GNYA1SO04ICQU7	7.337457476	0.772538612	0.021115761	0.394281339	-0.002393782	-0.247967543	-0.642293021	0.004402554	0.030872426
YGL02.8444.C1	7.895814978	0.772515856	0.222695614	-0.006512027	-0.087582327	-0.036255579	-0.159743551	0.000375918	0.005354218
YGL02.3813.C1	9.189644552	0.772350743	0.05502862	0.563406675	0.013770412	-0.202360481	-0.601823313	1.03E-05	0.000443584
YGL02_GNYA1SO04JWLA4	6.951769755	0.772301714	-0.037591583	0.739740415	-0.145864759	-0.134584377	-0.77739978	0.005762223	0.037574666
YGL02.3716.C1	7.612650057	0.772243726	-0.043471013	0.452359981	0.110252562	-0.166857949	-0.382682505	6.18E-05	0.001503948
YGL02.3396.C2	7.652359523	0.772003485	0.16092123	0.455133884	-0.081318004	-0.391971885	-0.972261939	0.000224625	0.00372547
YGL02.19049.C1	7.142760824	0.771955469	-0.327127073	0.261268097	0.019319314	0.13768586	-0.48288669	4.79E-05	0.001265494
YGL02_GNYA1SO04IE0O1	5.649394279	0.771799245	0.432247235	1.092042566	0.113091182	-0.257982678	-0.492760604	0.004530333	0.031509119
YGL02.2299.C1	7.34358631	0.771759696	0.133212888	0.240038994	0.168122533	-0.121937896	-0.266486256	0.00024646	0.003973387
YGL02.11666.C1	5.342224424	0.771514607	-0.000789194	-0.124609961	0.35215149	-0.126957052	-0.245041279	0.002830086	0.022504754
YGL02.20261.C1	5.732715566	0.771444929	-0.740846034	0.092955895	0.028143679	0.075254116	-0.472950641	0.005416685	0.035916483
YGL02.23306.C1	4.248714414	0.7713892	-0.300625981	0.126482135	0.107533097	-0.100067308	-0.617908726	0.000738454	0.008646174
YGL02.7647.C3	7.213685722	0.771313537	0.270711721	0.077646179	0.112218189	-0.423198925	-0.178861554	6.16E-05	0.001501637
YGL02_GNYA1SO04INKR4	12.50827736	0.771069913	-0.004771904	0.266097897	-0.0825379	-0.100761658	-0.387741341	2.10E-06	0.000160616

YGL02.2275.C1	11.16325599	0.771017071	-0.455227806	0.380483225	0.461343669	0.185089066	-0.733930632	0.000349917	0.005097133
YGL02.9460.C1	5.944681621	0.770843545	-0.044657929	-0.057801514	0.054381657	-0.109352513	-0.509479887	0.002192957	0.018734867
YGL02_GNYA1SO04IBOOD	7.991791105	0.770837698	0.136263153	0.848834451	0.094317018	-0.242045133	-0.944234073	0.000476022	0.006304984
YGL02_GNYA1SO04H1OD0	6.804717422	0.770822271	0.192051394	0.610889266	0.340508781	-0.142108613	-0.754208807	0.000804784	0.009199208
YGL02.15063.C1	7.19877566	0.770688668	0.217018778	0.501333619	-0.365886873	-0.383929647	-0.623045558	0.002265468	0.019180988
YGL02.10020.C1	6.084590095	0.77066098	0.261056778	0.935676263	0.625953314	-0.15587278	-0.660738423	1.13E-05	0.000469088
YGL02.259.C1	8.657894208	0.770494699	0.097154337	0.548613672	0.348206629	-0.349795114	-0.552090221	0.001993161	0.017515609
YGL02.8901.C1	7.323786555	0.770351856	0.22129819	-0.269490586	-0.262234711	0.022893409	0.456710531	3.21E-05	0.000963905
YGL02_GNYA1SO04IEZSS	7.731538041	0.770318168	0.291248631	0.192663823	-0.547769439	-0.187507946	-0.052337846	0.000235361	0.003847356
YGL02_GNYA1SO04JRCIN	11.2132923	0.77028587	0.119624509	0.193092667	-0.089019265	-0.097084513	-0.372284943	5.21E-06	0.000285069
YGL02.3285.C2	8.058591918	0.77018789	0.103970773	0.385172145	-0.045125393	-0.137763427	-0.306775402	3.91E-06	0.000237713
YGL02.3963.C7	9.959047942	0.770039881	0.209488023	0.506430654	-0.006683871	-0.088587443	-0.045017134	8.40E-06	0.000388714
YGL02.13743.C1	9.117924806	0.769898347	0.040719525	0.663718324	-0.03493498	-0.261843977	-0.702175258	4.51E-06	0.000259234
YGL02_GNYA1SO04I146C	7.326967075	0.76978223	0.315781455	0.548116158	0.021712806	-0.054133238	-0.214940039	0.000351515	0.005112886
YGL02.14039.C1	9.809384624	0.769584063	-0.188314219	0.487491447	-0.34678922	-0.142462468	-0.102265847	1.04E-05	0.000443772
YGL02_GNYA1SO04I8QJF	9.440158336	0.769354309	0.213046606	0.387683437	0.607776159	-0.292661466	-0.791576312	0.00138413	0.0134911
YGL02.14807.C1	6.325529995	0.769201496	0.20222222	0.335679736	-0.355196533	-0.213088304	-0.227267154	5.85E-05	0.001451418
YGL02.21223.C1	11.63977958	0.769105742	-0.957789066	-0.791547157	-0.007082736	0.091301009	-0.526356943	0.000139251	0.002667281
YGL02.13286.C1	9.642565915	0.76908859	0.099227472	0.163874811	0.184894627	-0.107064354	-0.233926856	0.000611371	0.007535811
YGL02_GNYA1SO04JYIY2	8.123002644	0.769019903	0.210344158	0.523367316	0.055576098	-0.200340869	-0.69318861	0.001451885	0.013976798
YGL02.14639.C1	11.3867344	0.768739267	0.240290649	0.421889682	-0.055489964	-0.187708224	-0.826774891	4.05E-06	0.000243064
YGL02.13741.C1	6.704194792	0.768709256	0.356581007	1.012255268	-0.18176709	-0.325969782	-1.275224915	0.000509676	0.006608122
YGL02.1598.C2	7.589061141	0.768545186	0.075667601	0.42768553	-0.413289501	-0.468399565	-0.513016387	0.000686563	0.008196587
YGL02.2517.C2	14.00100099	0.768363682	-0.040936295	0.512280366	0.193284506	0.023680342	-0.512431031	1.33E-05	0.000521207
YGL02_GNYA1SO04JUYNR	7.911772425	0.768353008	-0.611150171	-0.176286934	-0.065173798	0.123034602	-0.405119154	0.000162592	0.002964293
YGL02.4752.C1	5.201973522	0.768165219	-0.273232873	0.45827856	0.153158697	0.194701381	-1.179372727	0.007599602	0.045794877
YGL02_GNYA1SO04JSH16	6.461528054	0.768023477	-0.423664391	-0.148988848	0.200748217	0.19005803	-0.094692166	0.000336421	0.004959114
YGL02.1244.C1	7.577822948	0.767938837	0.095438139	0.446477203	-0.024506648	-0.202278872	-0.386257435	0.000399517	0.005588312
YGL02.11795.C1	12.90228616	0.767880495	0.051448341	-0.045671425	0.241090136	-0.404475808	-0.796240754	2.79E-05	0.000873171
YGL02_GNYA1SO04JGK1Z	7.082882427	0.767788414	0.354433029	0.432790261	0.437424717	-0.01116378	-0.510174661	0.00151536	0.014413209
YGL02.916.C3	6.830285034	0.767586953	-0.064393527	0.065235313	-0.165051799	0.03245746	-0.053948515	1.18E-05	0.000482275
YGL02_GNYA1SO04JC3UG	8.154286502	0.767573949	0.107726901	0.771876506	-0.166779835	-0.072780685	-0.326154014	0.000551409	0.007008857
YGL02_GNYA1SO04I8MQR	6.63385578	0.767531535	0.358033425	0.003898903	-0.057428228	-0.563188165	-0.63081875	0.004429146	0.030997124
YGL02.7034.C1	6.924781706	0.76734406	0.150322106	0.3657434	-0.25876827	-0.080826023	-0.236203015	1.97E-05	0.000686204
YGL02.5370.C1	7.151013498	0.767289917	0.331980542	0.945092553	0.422840071	-0.382916349	-0.801433628	2.48E-05	0.000804395
YGL02.15702.C1	12.25310893	0.767058745	0.115913919	0.364150996	0.027017033	-0.237173476	-0.339771512	1.20E-06	0.000113705
YGL02_GNYA1SO04IN7SZ	7.516483191	0.766648571	0.117317423	0.316246425	-0.280683461	0.090624467	-0.011654643	0.000667876	0.008038036
YGL02_GNYA1SO04H7FU8	7.778994179	0.766388105	0.355407963	0.481165836	-0.194454833	-0.229889868	-0.447728214	4.24E-06	0.000249875
YGL02_GNYA1SO04IQ2F2	10.61246844	0.766303279	-0.137969783	0.3406195	-0.016035833	0.014204063	-0.482833604	0.000155029	0.002872074
YGL02.11687.C1	7.907461666	0.766273413	0.124575709	0.265787574	-0.282830077	-0.18807165	-0.173788762	4.15E-06	0.000246972
YGL02.10164.C1	6.347139176	0.766133345	0.103496742	-0.007406984	0.262299589	-0.091982029	-0.279507861	0.000327186	0.004861723
YGL02_GNYA1SO04IDCLV	8.33356283	0.765936629	0.145406417	0.332216616	-0.048692503	-0.257047801	-0.324067024	8.01E-06	0.000376572
YGL02.5867.C1	7.984247889	0.765796016	0.318457892	0.07942771	-0.053230784	0.082756357	0.019876131	4.50E-06	0.000259215
YGL02.13159.C1	7.424556073	0.765685314	-0.456859003	-0.543816706	0.076658587	-0.754501743	-0.903233509	0.005447753	0.036064572
YGL02.8491.C1	8.855046896	0.76552376	-0.189163833	0.267481806	0.048648805	-0.070619746	-0.510047239	2.21E-05	0.00074284
YGL02.12674.C1	7.713424579	0.765344618	0.176229159	0.500259583	0.019855213	-0.166222581	-0.275324337	5.14E-06	0.000282776
YGL02.15311.C1	7.972733364	0.765330358	0.392656474	1.343205703	-0.345240539	-0.527040227	-1.151528851	0.000182402	0.003210968
YGL02.21325.C1	5.390273378	0.765243132	0.037982	0.108091742	-0.074077359	-0.71946362	-0.821635165	0.001501435	0.014313354
YGL02.12361.C1	10.04681618	0.764854359	0.163925385	0.43091005	-0.132456895	-0.24268784	-0.762873024	0.000161055	0.002945382
YGL02.6202.C2	8.705860133	0.764430484	0.317512666	0.698864829	-0.122725701	-0.160084684	-0.692316459	5.92E-05	0.001464157
YGL02_GNYA1SO04IC9K5	5.527592236	0.764346059	0.511203479	0.801684802	0.18641077	-0.293416175	-0.757415574	0.001270473	0.012686324
YGL02.13020.C2	4.11131403	0.764204928	0.005227801	0.995469318	-0.132921991	0.362973382	-0.91948728	0.008164896	0.048196562
YGL02_GNYA1SO04IJN7X	2.859064245	0.764191535	-0.018176889	-0.000911846	-0.091002653	-0.740716234	-0.437591058	0.000327101	0.004861019
YGL02_GNYA1SO04IYYCM	6.359650685	0.764019954	0.077186245	0.391352496	0.191813408	-0.330278999	-0.386083015	0.001470362	0.014100165
YGL02_GNYA1SO04JYOZ4	7.81959933	0.763819933	-0.586750467	-0.374169972	-0.248002831	0.23623624	-0.023425177	0.001855273	0.016644992
YGL02.7343.C1	10.76020408	0.763748943	-0.025733515	0.406361997	-0.268729601	-0.040892101	-0.744614089	6.32E-05	0.001528549
YGL02.13171.C1	8.281275128	0.762700805	-0.049979401	0.618569696	0.036132414	-0.256938357	-0.815602884	2.07E-05	0.000712582
YGL02.17360.C1	8.689121711	0.7625333	0.342585684	0.780180647	-0.135183228	-0.379135052	-0.723710902	3.99E-05	0.001119492
YGL02_GNYA1SO04IBEMN	6.194011266	0.762432245	0.058026275	0.741543528	-0.173804096	0.252474482	-1.073459926	0.004891498	0.03335817
YGL02_GNYA1SO04ITLWX	7.340968532	0.762348888	-0.094624157	-0.004096458	0.099128671	-0.132668672	-0.422589356	0.001184144	0.012078144
YGL02_GNYA1SO04I03NN	13.78874329	0.762165484	0.177210344	0.619564318	0.07000391	-0.147802423	-0.584983437	0.000103844	0.002177043
YGL02.3669.C1	5.398952791	0.762099589	0.052755303	0.498773933	0.27988321	-0.199861079	-0.518815379	0.000448199	0.006045604
YGL02.18718.C1	7.644682794	0.762074635	0.273313718	0.674259018	-0.103340503	-0.184642846	-0.707768603	0.001063338	0.01118693
YGL02_GNYA1SO04H8K7R	7.255441906	0.761925559	-0.368078435	-0.568222973	0.669233403	-0.478342148	-0.353747215	0.000602195	0.007451071
YGL02.10451.C1	6.707132507	0.761688223	0.509772621	0.471766684	0.053204477	-0.324932976	-0.39501216	0.000269702	0.004241664
YGL02_GNYA1SO04JGRLD	10.87483285	0.761680402	0.37010519	0.154159931	0.378598401	0.053046538	-0.845930521	0.00294967	0.02314092
YGL02_GNYA1SO04H4NYK	9.350822084	0.761637171	-0.161898157	0.299060942	-0.195455578	0.059374537	-0.191526994	1.23E-05	0.000493891
YGL02.479.C23	8.883964719	0.761431983	0.159673036	0.434759041	-0.012619275	-0.139507574	-0.55092712	6.12E-07	7.33E-05
YGL02.4944.C1	5.844887102	0.761431084	0.485832143	0.67533754	-0.267280077	-0.274666055	-0.097039478	0.00042121	0.00579237
YGL02.11561.C1	7.508736204	0.761396685	-0.027526688	0.345435282	0.015756093	0.063711417	-0.212113932	1.70E-05	0.000618235
YGL02.4777.C1	12.54655813	0.761348718	0.250209892	0.554359553	0.307504892	-0.33469311	-0.517324303	0.000111868	0.002294013
YGL02_GNYA1SO04IL3I7	6.86150507	0.761291608	0.448453174	0.41607073	-0.05887051	-0.387651681	-0.493416968	0.001624921	0.015148204
YGL02.22635.C1	6.586090986	0.761247872	0.88243359	1.103397632	-0.363528718	-0.185131473	-0.896434551	0.006611672	0.041408186
YGL02.2186.C2	6.550475304	0.761237512	-0.191705263	-0.177164057	0.234863462	0.059891129	0.249357369	0.006291569	0.039952165
YGL02.2020.C1	6.811876765	0.760953888	0.251028396	0.478704612	-0.280145043	-0.182382557	-0.334293559	0.000419818	0.005779924
YGL02_GNYA1SO04JHPB6	13.83941631	0.760673271	0.203720231	0.664235454	-0.077161022	-0.208988257	-0.58399718	0.00010192	0.002151678
YGL02.20591.C1	9.552449854	0.760580619	0.14842074	0.241333182	-0.143199562	-0.392247212	-0.427237475	1.49E-06	0.000130187
YGL02.1436.C2	4.233075176	0.760340192	0.282600489	0.543418737	0.202042124	-0.116240629	-0.332061685	0.005854647	0.037986073
YGL02.18869.C1	6.046413608	0.760322318	0.133713004	0.925315226	-0.304932791	0.231787662	-0.156668385	0.007920699	0.047160769
YGL02.1331.C1	11.07083001	0.76013873	0.177166289	0.043280566	0.023336881	-0.091867513	-0.379386959	3.00E-05	0.00092087
YGL02_GNYA1SO04H1T2Q	10.69940946	0.76008643	0.320314333	0.455373157	-0.325198339	-0.453444526	-0.683297911	1.37E-06	0.000122397
YGL02_GNYA1SO04I1AIZ	5.471578613	0.759823284	0.667217701	0.625731002	0.489942495	-0.765368905	-0.624524438	0.000370133	0.00529629
YGL02_GNYA1SO04IU4L2	10.03163782	0.759808385	0.268610688	0.406228068	-0.346670732	-0.231619759	-0.483841461	2.66E-06	0.000185687
YGL02.15548.C1	7.698515814	0.759770879	0.048273359	0.389716794	0.235310654	-0.014044995	-0.454215483	3.90E-06	0.000237313
YGL02.14930.C1	6.659796822	0.759605066	0.091307222	0.400241413	0.536369412	-0.206646261	-0.570074994	6.51E-05	0.001560292
YGL02.19302.C1	9.781364532	0.759364916	-3.26798806	1.665222839	0.402796941	-0.036745335	-0.07503946	0.000232509	0.003813993
YGL02.19436.C1	8.838573917	0.759260725	0.108407777	0.248217888	0.140790574	-0.295264199	-0.340734154	1.07E-06	0.00010513
YGL02.14466.C1	5.908845695	0.7592144	0.165652417	0.569208157	-0.281038992	-0.290804905	-0.824264167	0.001291523	0.012834738
YGL02.16426.C1	8.453374276	0.758937387	0.203772225	0.627259088	-0.115935022	-0.186823288	-1.220648743	0.000382275	0.005417351
YGL02.368.C2	6.49106152	0.758895235	0.163671412	1.035243927	0.272342669	-0.514294253	-0.614946563	0.000155772	0.002881532

YGL02.12618.C1	7.811846675	0.758754172	0.352198426	0.982956356	0.161863508	-0.423944676	-0.991970353	7.37E-05	0.001708859
YGL02.11839.C1	9.496643104	0.758512529	0.058708499	0.227333757	-0.299672912	-0.126802043	-0.431508314	2.86E-06	0.000194483
YGL02_GNYA1SO04ISVQ9	13.42212097	0.75845291	0.253737922	0.613432253	-0.097442426	-0.241096215	-0.541431065	2.62E-05	0.000838052
YGL02_GNYA1SO04H6HLH	9.88904037	0.758415376	0.210103306	0.319135937	-0.087604532	-0.208025616	-0.227443503	9.41E-07	9.72E-05
YGL02.21827.C1	7.24268036	0.758195429	0.487524719	0.573383508	-0.134373479	-0.393869815	-0.441997625	4.49E-06	0.000259134
YGL02.14228.C1	6.394099542	0.758111501	0.393293182	0.260244045	0.116049868	-0.159490089	-0.135906265	6.43E-05	0.001547964
YGL02.2206.C1	7.65637994	0.758103796	0.076773571	-0.597267532	0.273471431	-0.276716588	0.013182643	3.77E-05	0.00107855
YGL02_GNYA1SO04IYEC6	9.566970113	0.758012803	-0.004347533	0.025490089	-0.19281136	0.024082366	-0.413164633	1.19E-05	0.000484191
YGL02_GNYA1SO04IRWIY	7.288606124	0.757963733	-0.099210797	0.197431427	-0.176587453	-0.105573784	-0.462081464	6.91E-05	0.0016327
YGL02.16055.C3	6.710189501	0.757922332	-0.166205651	0.579833543	0.047429977	0.292575368	-0.090206337	1.19E-06	0.000113211
YGL02.20090.C1	6.222419122	0.757910119	-0.15751359	0.257989873	-0.046078208	-0.039186114	-0.596763488	0.001561226	0.014737963
YGL02.82.C14	4.893774156	0.757901248	0.72613658	0.979234826	0.955922684	-0.455592806	-0.601161153	0.006574008	0.041236121
YGL02_GNYA1SO04JRMXB	8.756635363	0.757734216	0.553669944	1.221999522	-0.264335334	-0.250675857	-0.85611048	0.000302496	0.004606594
YGL02_GNYA1SO04JTU6M	7.325072213	0.757653818	0.18920632	0.543082488	0.042802094	-0.33764121	-0.598571636	2.91E-05	0.00090282
YGL02.18806.C1	6.776032647	0.757650413	0.007967074	0.66563435	0.083262602	-0.296358123	-0.275723462	0.000234405	0.003835788
YGL02.6826.C1	8.031940844	0.757555527	0.360080712	0.348990549	-0.148387736	-0.353499881	-0.562463809	4.02E-06	0.000241643
YGL02_GNYA1SO04JUBYR	7.553647874	0.7572684	0.240119494	0.549248047	-0.109665201	-0.303822218	-0.520253647	0.000185028	0.003244078
YGL02_GNYA1SO04I5EZX	8.187341183	0.75704065	0.273417549	0.287407628	-0.216096273	-0.2525987	-0.407906582	2.75E-05	0.000863522
YGL02.5989.C1	8.345646415	0.756677292	0.108786035	0.530083287	-0.435678267	-0.066914601	-0.402947437	3.06E-05	0.000933734
YGL02_GNYA1SO04I7N6M	12.06896187	0.756470794	-0.108944692	-0.033422306	0.043603175	-0.485691262	-0.671398349	0.000434989	0.005917145
YGL02_GNYA1SO04I150F	6.230550837	0.756344454	-0.252709885	0.174939193	-0.672933392	0.298403991	-0.547867964	0.004253777	0.030101358
YGL02.909.C1	7.844998704	0.756334316	-0.388706375	-0.021297264	-0.006832091	-0.023047977	-0.173261081	0.001323164	0.013061963
YGL02_GNYA1SO04JZ2FT	7.759050866	0.756151287	0.049891836	0.444487133	-0.186158454	0.152340301	-0.47162875	0.000113651	0.0023181
YGL02.19609.C1	6.859309732	0.755998451	0.380217329	0.49100607	-0.547421155	-0.711175716	-0.755880432	0.001435158	0.013856985
YGL02.3771.C2	6.714780979	0.75586594	0.623348239	0.107846518	-0.023063665	-0.317574567	-0.026452617	0.000217371	0.003638719
YGL02_GNYA1SO04ID4UC	7.01019734	0.755846177	0.321431543	0.534928227	0.059707065	-0.340378097	-0.518076817	0.00013713	0.002638244
YGL02_GNYA1SO04JHKWZ	8.690556416	0.755586098	0.30994841	0.660884385	-0.426940931	-0.324757004	-1.403090749	0.001070026	0.01123265
YGL02_GNYA1SO04IP1CA	10.15183619	0.755431973	0.245061528	0.44701779	-0.075931914	-0.459645307	-0.758436223	0.000267153	0.004212181
YGL02.21858.C1	2.666248268	0.755421172	0.029815599	0.042618407	0.259425553	-0.385814492	-0.595866971	0.000517079	0.006682693
YGL02.21600.C1	7.025475132	0.75540585	-0.223432182	0.106423884	-0.290917634	0.014224653	-0.387164523	1.35E-05	0.000526691
YGL02.16397.C1	7.969323898	0.755327697	0.048894907	0.581216325	-0.47794317	0.031101851	-0.336730265	0.003470311	0.025988767
YGL02.16408.C1	7.68413957	0.755312648	-0.072181319	0.269485633	-0.190892511	-0.075521164	-0.256648743	1.59E-05	0.000592469
YGL02.14092.C1	8.599353854	0.755004474	0.274544779	0.7817327	-0.11282461	-0.157784821	-0.570381478	3.92E-06	0.000238095
YGL02.7107.C1	8.16231249	0.754994134	0.222821168	0.498836777	-0.088088284	-0.29037965	-0.551166259	4.24E-06	0.000249961
YGL02.2.C4	7.63625227	0.754851751	-0.315635626	0.57848975	-0.901206714	-0.189885795	-0.243975359	0.000278125	0.004338831
YGL02_GNYA1SO04IA8RC	8.723827782	0.754470256	-0.093935875	0.179147186	-0.088673217	-0.044072681	-0.087586217	5.24E-05	0.00134324
YGL02.23153.C1	6.030147138	0.754426113	0.251568325	0.407302519	0.05005019	-0.180110851	-0.780831749	0.001599729	0.014975885
YGL02.6434.C1	6.887583105	0.754417495	0.24353661	0.837609521	0.098746503	-0.102532724	-0.495707069	0.00050313	0.006546189
YGL02_GNYA1SO04I6BO2	5.975710253	0.754335447	0.525620599	0.376427971	-0.169658642	-0.064576616	-0.242983572	0.0001154	0.002339388
YGL02.4400.C1	7.542374464	0.754327868	0.164845544	-0.05275737	0.405375357	-0.084954877	0.020245911	0.007330108	0.044617298
YGL02.3403.C1	4.413676406	0.754234723	0.690602753	-0.401385175	-0.431127631	-1.088106667	-0.474734525	0.006803811	0.042225568
YGL02_GNYA1SO04I5R9J	6.062024446	0.75416767	0.38889812	0.036637018	0.58944843	-0.688219875	-0.186001746	0.003551488	0.026438352
YGL02_GNYA1SO04JN9WN	14.36005071	0.754133508	0.140005436	0.418270388	-0.228296229	-0.353857789	-0.843868833	3.91E-05	0.001103888
YGL02_GNYA1SO04H0FSX	8.48391539	0.753898877	-0.087207395	0.101342994	-0.116422242	0.009017259	-0.83543145	0.001630605	0.015181519
YGL02_GNYA1SO04IDI9R	8.952980992	0.753783795	-0.621352094	-0.294687425	0.023450511	-0.00854253	-0.298078812	0.000587319	0.007323099
YGL02.821.C2	6.150196393	0.753778623	0.546217242	1.290127754	-0.016380193	-0.313338978	-0.698040649	0.000632165	0.007726657
YGL02.14934.C1	6.255837174	0.753718093	-0.211562433	0.18572112	0.368631473	-0.292517062	-0.765758473	0.001546512	0.014634267
YGL02.9653.C2	13.07896179	0.753697677	0.307177362	0.710665871	-0.125246719	-0.367350161	-0.680164234	1.05E-05	0.000446406
YGL02.22555.C1	5.713657461	0.753615948	-0.002780766	0.151272965	-0.225936645	-0.010503228	-0.328207013	0.000695441	0.008272075
YGL02.10997.C1	7.324663958	0.753469071	-0.225703983	0.075726194	0.138736464	-0.055480928	0.148621004	1.20E-05	0.000485557
YGL02.4683.C1	6.599346036	0.753166959	0.130757608	0.536044093	0.038167974	-0.167383346	-0.446207673	3.63E-05	0.00105227
YGL02_GNYA1SO04JONDF	11.17430797	0.753098888	0.212746583	0.544224289	-0.231447692	-0.078875927	-0.328634967	1.94E-06	0.000153088
YGL02.10064.C1	4.49238742	0.752988058	-0.041280957	-0.041780706	0.088828752	0.048757247	0.144239927	0.000832202	0.009417635
YGL02.7098.C1	6.724598716	0.752894624	-1.009453329	0.10352655	0.072202747	-0.116293828	-0.495019712	0.000623659	0.007647962
YGL02.3102.C1	7.252691157	0.752698798	0.242406699	0.345670962	0.095975394	0.019485728	0.026522145	0.000157331	0.002898974
YGL02.12774.C1	7.507468671	0.752672909	0.018536051	-0.24140986	-0.111643835	-0.179789019	-0.222450381	0.000157771	0.002904614
YGL02.23506.C1	6.791421287	0.752277696	0.167548407	0.415011841	-0.134287192	-0.275112271	-0.735496878	0.001457826	0.014017103
YGL02.1702.C1	9.1063531	0.752150299	0.597640465	0.789039733	0.013214592	-0.2083801	-0.396010651	4.14E-07	5.74E-05
YGL02.7580.C1	5.804224315	0.752047364	0.789587421	0.792088812	0.172767574	0.00455689	-0.6197697	0.000180854	0.00319204
YGL02.5033.C1	9.717993067	0.751770064	0.010060882	0.117431246	-0.081345525	-0.216593315	-0.398669673	3.50E-06	0.000221374
YGL02_GNYA1SO04IJF96	6.180033829	0.751722765	-0.064695532	-0.192604169	-0.272030318	-0.19069223	-0.029828491	0.002001836	0.017562653
YGL02.3583.C1	10.27103838	0.751554885	0.093134717	0.263035384	-0.149629699	-0.154118143	-0.405344943	0.001155598	0.011869293
YGL02.13849.C1	8.214597012	0.751430684	0.059600602	0.470307436	-0.106625719	-0.270356655	-0.591440373	3.11E-05	0.000943015
YGL02.9857.C1	8.233808008	0.750861413	0.070207284	0.449856581	0.202435672	-0.147390523	-0.18083169	1.31E-05	0.000516456
YGL02.14070.C1	6.576596285	0.75078168	0.124399533	0.262327715	-0.194891793	-0.497326786	-0.287372358	0.004278106	0.030238819
YGL02.20271.C1	6.180266614	0.750668674	0.525942752	0.230800845	-0.00570645	-0.270098616	0.006908222	1.06E-05	0.000450226
YGL02_GNYA1SO04JAPWO	9.330874385	0.75052492	0.080237976	-0.081628874	-0.052615961	-0.057297015	-0.198135139	5.65E-06	0.00030085
YGL02.1078.C3	6.285837847	0.750302816	-0.179789894	-0.685015507	-0.0729432	-0.050576038	-0.022057373	0.002845576	0.022589091
YGL02.4406.C1	8.598059236	0.750212731	0.186618651	0.169534365	0.320493555	-0.112482989	-0.165812699	0.000377865	0.005370728
YGL02.3356.C1	8.846702903	0.750133463	0.338687936	0.86358117	-0.228598358	-0.502611872	-0.803393522	3.46E-06	0.000219546
YGL02.9523.C1	7.706423588	0.750084687	-0.202605701	-0.091041036	-0.170687681	0.176982166	-0.012125725	3.77E-05	0.001078873
YGL02.15584.C1	8.173014742	0.749748237	0.065784734	0.07021837	-0.05040362	0.040330579	-0.016251498	0.000166796	0.003017987
YGL02_GNYA1SO04JUVF1	5.384075282	0.749582585	-0.552606355	0.314796543	0.066491051	-0.002617525	-0.646710122	0.007115282	0.04366268
YGL02.21242.C1	7.668617106	0.748831014	0.141590112	0.490458534	-0.165756519	-0.676006371	-0.64352454	1.79E-05	0.000640143
YGL02_GNYA1SO04IVN8N	11.09413085	0.748580905	0.064572513	0.284908274	0.061729072	0.033975192	-0.440324935	0.000106959	0.002223273
YGL02.17399.C1	5.081926405	0.74854498	0.195941678	0.317341023	-0.072983176	-0.135884968	-0.27633476	7.62E-06	0.00036475
YGL02.709.C1	6.861448859	0.748473701	0.47506203	0.856108402	-0.12127252	-0.18325097	-0.911536994	8.57E-05	0.001902025
YGL02_GNYA1SO04I13RZ	7.479431332	0.748194168	0.289899211	0.529634375	0.316472488	-0.411157201	-0.576647476	0.000245031	0.00395644
YGL02_GNYA1SO04H3XPC	13.16760789	0.748131554	-0.046382349	0.178017006	-0.143107745	-0.555080895	-0.924966166	3.93E-06	0.000238177
YGL02.14634.C1	6.032917787	0.748096234	-0.241702719	0.183307794	-0.073720349	0.157272793	-0.426481907	0.000252661	0.004044094
YGL02.16045.C1	7.548293022	0.748037071	0.368192457	0.467396129	-0.261926032	-0.2912616	-0.328956428	2.24E-05	0.000750829
YGL02.8172.C1	9.320604322	0.747807696	0.316280566	1.100091091	-0.235850041	-0.126887127	-0.714072113	0.000188291	0.00328949
YGL02_GNYA1SO04I4A32	8.546448193	0.747715708	-0.466408004	-0.441697906	0.337918442	-0.780540401	-0.833225349	0.000624629	0.007657179
YGL02.5030.C1	3.072501486	0.747669421	0.184050776	-0.00430849	-0.07797751	-0.611588334	-0.709471754	0.000570481	0.007177908
YGL02.30.C15	5.264632495	0.747570839	-0.189974824	0.241262415	0.280245792	-0.267641719	-0.667848385	0.003749903	0.027475629
YGL02.17429.C1	6.941756922	0.747516267	0.603316486	1.149159454	0.291716628	-0.43937923	-0.639637203	0.004058669	0.029110429
YGL02.7980.C1	8.67520231	0.747426714	0.313924347	0.455876612	-0.063763726	-0.411406773	-0.376757226	1.70E-05	0.000618242
YGL02.4275.C1	10.10980904	0.747379461	0.213799244	0.248702108	-0.082039582	-0.028201701	-0.530813856	4.51E-06	0.000259231
YGL02.14817.C1	8.696502986	0.747246456	0.107495812	0.353273963	0.143854855	-0.273530218	-0.649085171	7.78E-07	8.60E-05
YGL02.15692.C1	4.765122509	0.747193179	0.387282409	0.723664986	0.229938543	-0.360489241	-0.661546695	0.000872671	0.009734607

YGL02.2476.C1	6.86305993	0.747104921	0.223704855	0.431653454	0.224608003	-0.36266801	-0.683380171	0.000425529	0.005829328
YGL02_GNYA1SO04H1NBN	7.77770635	0.746988673	-0.056541988	0.562970021	0.510385778	-0.031021754	-0.35758196	0.001755832	0.016015803
YGL02_GNYA1SO04IWZ4J	12.02884719	0.746893575	-0.019761093	0.097235277	0.129222281	-0.367876464	-0.572743904	0.000452803	0.006088998
YGL02_GNYA1SO04IEO7D	6.753397432	0.746760458	0.292889688	0.097953461	-0.062513089	-0.134798595	-0.163974217	0.001286661	0.012803123
YGL02.16955.C1	8.329893997	0.746281824	0.650663549	0.486361743	0.148702025	-0.34048475	-0.398017291	0.000810934	0.009245835
YGL02.9455.C2	5.905059614	0.746256563	0.177106588	1.627150377	0.161173216	-0.203940385	-0.772693172	0.006409585	0.040500988
YGL02_GNYA1SO04IYRTK	9.32086695	0.746154758	0.300579658	0.524574374	0.141686891	-0.706925061	-0.978039339	0.000495564	0.006481999
YGL02.1704.C1	9.04056365	0.745947626	0.554563854	0.835454339	-0.144610409	-0.260676439	-0.253503065	8.43E-06	0.000389734
YGL02_GNYA1SO04JW8SY	6.284536929	0.745873953	-0.052664327	-0.152916324	0.063713654	0.135131457	-0.148440212	0.003285135	0.025007942
YGL02.220.C2	8.341910108	0.745717552	0.370479439	0.627063624	0.15651982	-0.281872405	-0.410100081	4.77E-05	0.00126229
YGL02_GNYA1SO04IRZV4	5.731161054	0.745485069	-0.297930187	-0.226601961	-0.199214877	0.081891167	-0.591157927	0.004194911	0.029816777
YGL02.12558.C1	9.048185787	0.745446804	-0.096282658	0.304572065	-0.175245148	-0.161035165	-0.459162467	1.17E-06	0.000112244
YGL02.838.C2	11.12184908	0.745390507	-0.043133985	0.596021423	0.077029167	-0.01473622	-0.448017675	0.000286868	0.004433032
YGL02.23447.C1	2.905185778	0.744939385	0.312138925	0.125622419	-0.088158009	0.671383036	-0.875630315	0.001564547	0.014752102
YGL02.474.C1	7.429292016	0.744918471	-0.015845155	0.20512095	-0.409907515	-0.229592753	-0.099529503	0.000148141	0.002785939
YGL02_GNYA1SO04ILL7C	9.261088436	0.744890124	0.363033643	0.515060447	0.258178417	-0.64820913	-0.82347741	0.007902317	0.047084422
YGL02.5990.C1	8.231470479	0.74487461	0.200334179	0.750266777	0.076584719	-0.233635412	-0.891261018	0.001494267	0.014259713
YGL02.3527.C1	8.845333766	0.744760765	0.099461738	0.248618922	-0.284431939	-0.263471231	-0.699332548	8.35E-06	0.000387373
YGL02.17724.C1	8.209616236	0.744595066	0.432492867	0.792536993	-0.087790798	-0.439698493	-0.740219334	6.08E-05	0.001489187
YGL02.14356.C1	3.891587065	0.744471707	-0.104607974	0.945703547	-0.441694104	1.159862871	-0.434724716	0.003540427	0.026384161
YGL02.15611.C1	4.621434758	0.744438888	0.398020941	0.683283119	0.484274954	-0.835365858	-0.520615483	0.00083423	0.009433964
YGL02_GNYA1SO04J0X4A	7.011154543	0.744298834	0.568490165	0.408843407	0.270499163	-0.533396735	-0.578708074	0.002930163	0.023042136
YGL02.14021.C1	9.277832719	0.744141294	0.226978474	0.154249691	-0.299293789	-0.167358663	-0.365669811	0.000140901	0.002688826
YGL02.5366.C1	6.422278021	0.743972493	0.127069134	0.131426443	0.3266506	-0.178512175	-0.27742717	0.004265588	0.030163906
YGL02_GNYA1SO04IRDDC	9.980234084	0.743880429	0.619966619	0.660413026	-0.117690967	-0.610328392	-0.99020247	0.001020951	0.010864461
YGL02.15018.C1	7.130330809	0.743872385	0.123685712	0.01764905	0.01493738	-0.006817206	0.080313691	0.0020483	0.017834008
YGL02.14399.C1	8.711084606	0.743710997	0.183808621	1.008243889	-0.230355882	0.052893335	-0.524951825	3.00E-06	0.000199654
YGL02.8436.C2	9.812438819	0.743680995	-0.014162132	0.284104458	-0.016250265	-0.35988053	-0.455834104	2.43E-06	0.000175615
YGL02_GNYA1SO04IYQRK	8.546219566	0.743659418	0.029872471	0.195174242	0.259624929	-0.113377996	-0.233145909	1.04E-06	0.000103797
YGL02.3216.C2	12.72573557	0.743088675	0.016620261	0.408802037	0.000159456	-0.197067013	-0.745722561	3.61E-06	0.00022589
YGL02_GNYA1SO04I1P7P	5.789299511	0.742979496	-0.078173344	0.420957865	-0.201745247	-0.35578937	-0.444495116	0.003263291	0.024894788
YGL02.8756.C1	5.580204902	0.742887198	-0.417288462	0.366112854	-0.192112016	0.206237311	-0.168962014	0.000379738	0.005389652
YGL02.5608.C1	5.021608343	0.742518219	0.691500671	1.111526582	0.194946688	-0.587314054	-0.524164854	0.00361172	0.02675992
YGL02_GNYA1SO04ITVK7	12.99469354	0.742401413	-0.004477832	0.260384932	-0.320888189	-0.606580476	-1.009334145	2.60E-06	0.000183217
YGL02.5852.C1	11.31214761	0.742340509	0.331407565	0.527091764	-0.295332788	-0.240261599	-0.413183071	0.000849079	0.009550188
YGL02_GNYA1SO04ISB5X	12.57337063	0.742169616	-0.068914184	0.2642042	-0.023595285	-0.09975187	-0.444168438	1.89E-06	0.000150888
YGL02_GNYA1SO04JN22X	12.70152255	0.741993871	-0.063728579	0.227920066	0.110576201	-0.102308923	-0.386251681	3.06E-06	0.000202133
YGL02.6429.C1	6.583148629	0.741770225	0.352677808	0.432649733	0.32947145	-0.322107134	-0.196198529	9.65E-06	0.000424193
YGL02.6044.C2	5.423334803	0.741718287	0.589874883	0.944613583	-0.385944836	-0.305322931	-0.744153212	0.000830948	0.009408585
YGL02_GNYA1SO04IMDCR	6.467163406	0.741644227	0.622829666	0.653986739	-0.436396243	-0.504465723	-0.360352868	5.31E-05	0.001356747
YGL02_GNYA1SO04IYRHG	7.580873097	0.741529942	0.237696909	0.197272913	0.314242881	-0.005414573	-0.529107921	0.000224293	0.003722341
YGL02_GNYA1SO04JAWSN	6.315830328	0.741522321	0.472354309	1.631384967	-0.24400545	-0.266896117	-0.89594478	0.001151395	0.011841097
YGL02_GNYA1SO04IQEO3	9.08574245	0.741317543	0.018716354	0.53153027	0.087287737	-0.317263035	-1.020545022	1.58E-06	0.000134676
YGL02_GNYA1SO04ITBAY	9.182775543	0.741313566	-0.283232067	0.134832984	-0.029937122	0.121164783	-0.549647394	2.39E-05	0.000784115
YGL02.6016.C1	5.846230621	0.741162336	-0.019801643	0.450296853	0.333284374	-0.036947396	-0.662311484	8.28E-05	0.001859969
YGL02_GNYA1SO04I8X26	8.034663249	0.741161506	0.162864974	0.244451298	0.031014781	-0.241236938	-0.319189771	1.00E-06	0.00010084
YGL02_GNYA1SO04IOD4Q	8.816257052	0.741140422	0.371800075	1.018363105	0.497918	-0.179479346	-0.91621764	0.000414723	0.005735336
YGL02.1386.C1	7.723719518	0.740800221	0.268927028	0.5608715	-0.049195869	0.030006938	-0.300503518	5.20E-06	0.000284753
YGL02_GNYA1SO04INTEX	5.277735905	0.740468226	0.668954028	0.679956076	-0.903431478	-0.506277506	-0.491002997	0.006276714	0.039893041
YGL02_GNYA1SO04IMK4J	10.35574162	0.740385149	0.191924939	0.686850991	-0.08737218	-0.189503029	-1.082428162	0.002183871	0.01867099
YGL02.15514.C1	9.404419035	0.740361763	0.281550234	0.098234069	-0.235619431	-0.268353793	-0.182631137	0.000218082	0.003646377
YGL02.20616.C1	5.281843856	0.740291978	-0.223471501	0.519959839	-0.06914051	0.474896614	-0.281442819	0.000457462	0.006137623
YGL02.5073.C1	6.511641894	0.740128568	0.271163664	0.886160545	-0.19726122	-0.17256952	-0.628790683	0.004364288	0.03067571
YGL02.6065.C1	9.870743735	0.740047862	0.412740058	0.326450326	-0.073029903	-0.147916265	-0.71842478	0.001357566	0.013305135
YGL02_GNYA1SO04H1RVC	7.981559092	0.739993939	-0.232683917	-0.07824886	-0.104036411	0.029704175	-0.275105999	0.000108193	0.00224209
YGL02_GNYA1SO04IGW7X	5.638194348	0.739956452	-0.104494902	0.530360784	0.057323232	-0.275932024	-0.790463681	0.002488391	0.020506634
YGL02_GNYA1SO04H6IOM	8.153921303	0.739901652	-0.332521426	-0.434616049	0.294863393	-0.777489449	-0.821843708	0.000384073	0.005435179
YGL02.8164.C1	8.816324241	0.739844064	-0.169063941	0.095244388	0.084616939	-0.080799162	-0.361023792	0.000656618	0.007940103
YGL02.23319.C1	6.177723783	0.739829022	0.177126608	0.206532075	0.141199996	-0.116222152	-0.450152517	6.23E-07	7.43E-05
YGL02.6490.C1	6.327288883	0.739743244	0.246811124	0.469698604	-0.132454121	-0.419719676	-0.25253236	7.72E-05	0.001767346
YGL02.9344.C1	9.691418262	0.739636298	0.370947271	0.223232184	-0.396298292	-0.061076823	-0.4626011	0.000186424	0.003263243
YGL02.1559.C3	9.419531434	0.73918338	-0.194234866	-0.056459433	0.377452683	-0.330916425	-0.517067622	0.00141869	0.013737278
YGL02_GNYA1SO04JKMEW	6.64510669	0.738803449	0.050056577	0.366839705	0.530622596	-0.451872793	-1.103783423	0.002665971	0.021539879
YGL02_GNYA1SO04JXVRF	9.168709407	0.73850757	0.685013024	0.282348347	-0.034263253	-0.289187264	-0.370379584	0.000171695	0.003083367
YGL02.6810.C1	7.908022161	0.738490081	0.453717528	0.509437453	0.174464987	-0.328400419	-0.380819468	7.31E-05	0.001700487
YGL02_GNYA1SO04JNINZ	9.140943236	0.738279434	0.707046685	0.737146941	-0.092587988	-0.352629701	-0.364797366	0.000503922	0.006553956
YGL02_GNYA1SO04INEYW	11.9198002	0.738243734	0.359079435	0.511933031	0.314944469	-0.093461928	-0.448667763	2.90E-05	0.000900481
YGL02.2291.C1	6.406074304	0.738071332	-0.118117441	0.859549592	0.118822222	-0.090217005	-0.672938989	2.61E-05	0.000833228
YGL02_GNYA1SO04JPNUV	6.454552857	0.737618966	-0.050246961	0.233470967	0.276525286	-0.155484238	-0.883876507	0.003853612	0.028010458
YGL02.6977.C1	6.05215605	0.737605263	0.207772968	0.595171836	-0.152946414	-0.158728976	-0.391296627	0.000401469	0.005608949
YGL02.4178.C1	11.13326383	0.737565727	-0.441001724	0.296813766	0.095098167	-0.285292589	-0.833922208	2.36E-05	0.000776086
YGL02_GNYA1SO04I85L3	6.961250224	0.737537763	-0.260839714	-0.517871635	-0.238121471	0.395630424	-0.232845208	0.001564941	0.014753047
YGL02.18526.C1	3.583329409	0.737332698	0.220430911	0.52303865	0.144926069	-0.26463756	-0.589737137	0.008324135	0.048833799
YGL02.23353.C1	6.407788718	0.73721449	-0.024582942	0.356736178	0.352877812	-0.191238268	-0.746586472	0.00230704	0.019430234
YGL02_GNYA1SO04JKWWA	8.591373865	0.73720585	-0.153106015	0.461362494	0.052797311	0.044273039	-0.441027631	3.85E-05	0.001095267
YGL02.8568.C1	8.653633045	0.73720047	-0.025719907	0.376520244	-0.026698475	-0.216579172	-0.670379073	7.12E-05	0.001668018
YGL02.10566.C1	3.284648533	0.737149617	-0.1264754	-0.142285624	-0.335925107	-0.807871922	-0.340069406	0.00404095	0.029018703
YGL02.148.C2	8.17106961	0.737002455	0.639828493	0.914881591	-0.129114904	-0.165539292	-0.893152763	6.70E-05	0.001594317
YGL02_GNYA1SO04H6EWY	7.508045997	0.736956664	0.021841388	1.312994738	-0.224409576	0.266347745	-0.448970347	9.18E-05	0.002002742
YGL02_GNYA1SO04I9SUQ	8.375247904	0.736807191	0.323745642	0.42213659	-0.124247578	-0.173634039	-0.298527862	0.001446372	0.013937203
YGL02.21574.C1	7.275262503	0.736221957	0.279826012	0.618092794	-0.007276093	-0.262278453	-0.25157264	7.52E-06	0.000361962
YGL02.6127.C4	5.671912702	0.736191833	-0.014624971	0.067874442	0.034441625	-0.069995741	0.047166084	4.36E-05	0.001188695
YGL02.22773.C1	5.770403901	0.736161355	0.034632541	-0.139590012	-0.120965681	-0.172749666	-0.096730842	0.000260095	0.004130698
YGL02.4707.C2	9.317652178	0.736052577	-0.047142775	0.285396189	-0.185410703	-0.119134148	-0.412223498	2.63E-05	0.000838144
YGL02_GNYA1SO04I0H6V	13.47729872	0.735874315	0.827700162	0.989029683	0.469276257	-0.346691916	-1.023214459	0.001630589	0.015181519
YGL02.17552.C1	7.025676267	0.735774019	0.370254472	0.9480795	-0.025471659	-0.039318848	-0.410040166	0.000201943	0.003453474
YGL02.6429.C2	8.027263736	0.735664959	0.245104128	0.518888598	0.86478085	-0.407948516	-0.476716417	4.57E-05	0.001228025
YGL02_GNYA1SO04IFPNI	7.453127288	0.735620977	-0.218630385	-0.040795955	0.410429479	-0.393130016	-0.62918636	0.00306648	0.023815762
YGL02.479.C2	2.839927592	0.735384813	0.094956835	0.038634327	0.075481198	-0.875160003	-0.770660759	0.006202494	0.03955957
YGL02.17718.C1	8.118703862	0.735215289	-0.523678261	-0.395807208	-0.093067915	-0.386949463	-0.69681735	0.000626481	0.007671673

YGL02.19640.C1	5.68204802	0.734796529	0.440595738	0.576621195	0.140240691	-0.765028993	-0.686005084	0.00134515	0.013215233
YGL02_GNYA1SO04JJ4GF	8.766385295	0.734272986	-0.14074631	-0.522486492	-0.265281957	0.093516899	-0.105093492	3.40E-05	0.00100271
YGL02.17355.C1	8.117832373	0.734236956	0.219089324	0.260488683	-0.010459578	-0.252367076	-0.308438287	4.60E-06	0.000262459
YGL02.1663.C1	5.862252845	0.734204052	-0.161454819	-0.32574206	0.1287446	0.198045545	-0.026288353	0.003789542	0.027686175
YGL02.17377.C1	10.61354398	0.734022698	0.343030045	0.968860891	-0.140711447	-0.111866854	-0.634181187	1.05E-05	0.000446591
YGL02_GNYA1SO04IYT50	6.46641323	0.734019061	0.022104322	0.034104548	0.49046583	-0.079745887	-0.197969735	0.005882562	0.038121348
YGL02.838.C4	11.29588357	0.733841241	0.133612956	0.631201018	0.064892583	-0.134896251	-0.451863581	3.06E-05	0.000932758
YGL02.11938.C1	8.590756558	0.733719204	0.108577341	0.309130709	-0.096201002	-0.171703082	-0.943233037	0.001220723	0.012340682
YGL02.14781.C1	9.491510535	0.73360868	0.146658122	0.573860957	-0.360138908	-0.061856466	-0.451030685	4.99E-06	0.000277281
YGL02.4681.C1	7.569488361	0.733449946	-0.312054709	-0.360275752	0.378155738	-0.118999814	-0.273255727	6.41E-05	0.00154455
YGL02_GNYA1SO04H9W0M	5.851432479	0.733421065	0.334153013	1.007553628	-0.160342896	-0.949423291	-1.022169842	0.005411367	0.035890407
YGL02.21062.C1	7.453109572	0.733229591	0.362970545	0.467632206	-0.125293554	-0.020663547	-0.865129379	0.000102214	0.00215614
YGL02_GNYA1SO04IJXHF	9.03111946	0.733161694	0.498025274	0.28258713	-0.011668682	-0.368556918	-0.358373028	1.34E-06	0.000120662
YGL02.10489.C1	8.903769758	0.732686953	0.412656708	0.525727605	0.122517604	-0.410578829	-0.315572962	1.72E-05	0.000623232
YGL02.13214.C2	8.156037361	0.732432786	-0.149620398	-0.088265058	0.138974634	0.187391378	-0.489511929	0.001933312	0.017141353
YGL02_GNYA1SO04JHRS6	11.82327849	0.732311338	0.025756207	0.258192834	0.047094354	-0.142653202	-0.558569899	1.25E-06	0.00011643
YGL02_GNYA1SO04JM8V6	6.088389856	0.732251343	0.443093284	0.26747355	0.006538782	-0.578020511	-0.367805701	0.003181559	0.024439725
YGL02.19229.C1	8.320305203	0.732183014	0.092523408	0.824840757	0.010964175	-0.166106649	-0.678951918	0.002342309	0.019635158
YGL02.764.C4	8.368539643	0.732150314	-0.185514781	0.17754264	0.049338419	0.065100176	-0.463302822	0.000152203	0.00283392
YGL02.4924.C1	7.916459188	0.731898378	-0.05400059	0.14266418	0.082347518	0.122980036	-0.248444961	4.66E-05	0.001242741
YGL02.22134.C1	2.645495367	0.731829422	-0.067606681	-0.036149428	0.305443583	-0.606082119	-0.617492873	0.005192189	0.034836385
YGL02_GNYA1SO04I40L0	11.85485857	0.731742799	-0.031841545	0.288287799	-0.094048612	-0.013954316	-0.353169178	0.000321813	0.004805042
YGL02.14113.C1	7.350943312	0.731730875	0.485332289	0.545669553	0.21549675	-0.354556539	-0.626376268	0.000367035	0.005264179
YGL02_GNYA1SO04IPG0T	3.365287008	0.731493153	-0.307237102	-0.066358371	-0.416751768	0.792079953	-0.130662928	0.005197825	0.034866979
YGL02.16493.C1	4.446751882	0.731430438	0.245470519	0.401273536	0.031073799	-0.426048597	-0.492800159	9.51E-06	0.000420143
YGL02_GNYA1SO04JU203	6.523414735	0.731366986	0.477376012	0.524463628	-0.049156886	-0.093742921	0.017406769	0.002547313	0.02085814
YGL02_GNYA1SO04JN7BK	7.36161757	0.731036032	-0.034088741	0.675605167	-0.217745295	0.100820047	-0.701133275	6.11E-05	0.001492846
YGL02.1516.C1	7.53308443	0.730992512	0.103090303	0.094766428	0.208308552	-0.229628118	-0.416283355	2.54E-06	0.000180109
YGL02.24.C1	9.202765511	0.730899872	0.334363805	0.43161317	0.218062931	-0.319311932	-0.707171985	2.67E-05	0.000845276
YGL02.19936.C1	8.053325156	0.730766281	-0.160861033	-0.176634204	-0.053774835	-0.075375971	-0.079064606	4.03E-06	0.00024209
YGL02.9761.C1	9.513244015	0.730451148	-0.166338664	0.234239811	-0.185479793	-0.223916523	-0.469869319	1.93E-05	0.000676875
YGL02.18518.C1	9.246956819	0.730418262	0.505778205	0.585910532	-0.194740691	-0.220053702	-0.401933582	4.08E-05	0.001136143
YGL02.7104.C1	9.62063836	0.730368026	-0.110688278	0.025772646	0.083712385	-0.157535431	-0.350209432	0.00165674	0.015343288
YGL02_GNYA1SO04I2DDJ	9.517120045	0.730262052	0.191788713	0.75546958	-0.392221181	-0.138767552	-0.608993951	5.57E-06	0.000297803
YGL02.23672.C1	2.717678405	0.730242096	0.350005133	0.274603183	0.178415855	-0.479718417	-0.597428275	0.00503797	0.03407888
YGL02.16561.C1	8.513516935	0.730161109	0.105786028	0.654743523	0.06516885	-0.09420341	-0.33410493	8.73E-06	0.000398102
YGL02_GNYA1SO04H3DSG	8.269957616	0.730112214	-0.388604854	0.255756039	-0.266998828	-0.041368572	-0.551789121	0.00012448	0.002469727
YGL02.7348.C1	6.137763218	0.730076155	0.110433222	0.722022898	0.057294553	-0.311325604	-1.396344876	0.004420851	0.030957149
YGL02.2277.C2	6.725960228	0.729944621	0.24678471	0.222851379	-0.231291945	0.003893216	0.100089312	0.000283126	0.00439513
YGL02_GNYA1SO04JZ46M	6.241188738	0.729711532	-0.061149327	-0.234739504	0.003018864	0.186982296	0.220075668	0.002620326	0.021266389
YGL02.7852.C1	8.945862467	0.729659866	-0.200730867	0.085171532	0.03904972	0.018385659	-0.485280794	6.09E-05	0.001491122
YGL02.9611.C1	5.652378876	0.729490422	-0.591250388	0.714505206	-0.354521001	-0.176400933	-0.514734503	0.005907313	0.038235827
YGL02_GNYA1SO04I00VI	10.8521657	0.729366578	-0.245479549	0.270015373	-0.126740524	-0.361730499	-0.497872787	0.000236842	0.003864732
YGL02.4990.C2	8.931190161	0.729251853	0.173626794	0.337855749	0.067934805	-0.27683662	-0.767977616	3.87E-06	0.000236042
YGL02.135.C1	5.537510803	0.72915725	-0.233681368	-0.086023543	0.231720704	0.322954347	-0.023899063	0.005811715	0.037784661
YGL02.20720.C1	9.765679912	0.728810591	-0.183303694	-0.116311225	0.38930444	-0.220708533	-0.728946792	0.000964283	0.010451338
YGL02.22489.C1	9.046266536	0.728791152	-0.199869537	0.143052403	-0.058787049	-0.255778043	-0.412504721	4.10E-05	0.001141443
YGL02_GNYA1SO04JKOE9	9.436650163	0.728453322	0.176062051	-0.042808699	0.073816779	-0.131486297	-0.015642758	0.001345675	0.01321769
YGL02.5295.C2	10.99538187	0.728395622	0.403405763	0.990706112	-0.188003973	-0.242868251	-0.795953688	4.72E-05	0.00125343
YGL02.11341.C1	6.595259915	0.728331316	-0.292723782	0.754452016	-0.043234318	0.533834446	-0.185175012	0.000722813	0.008515536
YGL02_GNYA1SO04JJ71U	6.203594624	0.728193194	-0.23579236	0.253035079	0.067299656	-0.26033546	-0.445289112	0.002281663	0.019278846
YGL02.17265.C1	9.620338057	0.728160111	0.087301225	0.324666365	-0.134691829	-0.249712482	-0.631096372	1.51E-06	0.000130755
YGL02_GNYA1SO04I2NR2	8.703458754	0.728134961	0.047820026	0.355294671	0.125388221	-0.104643546	-0.469437343	0.000112047	0.002294764
YGL02.6084.C1	6.315689704	0.728064532	0.19936736	0.353974233	0.290581606	-0.032895313	-0.092594891	0.001483382	0.014184056
YGL02_GNYA1SO04JRK1X	6.439377496	0.728023709	0.272226036	1.099012048	-0.136136191	-0.265917958	-0.859412935	0.004714998	0.032469141
YGL02.12251.C1	5.525387542	0.727955192	0.348402321	0.712578761	0.471659403	-0.20093694	-0.784648091	0.000580347	0.007264732
YGL02.21485.C1	9.31510482	0.727887741	0.259077666	0.078126137	-0.175196852	-0.248900897	-0.61298675	0.000659716	0.007967148
YGL02.73.C1	8.723167996	0.727827496	0.27802659	0.612942152	-0.070664515	-0.355322392	-0.35355833	7.01E-07	8.02E-05
YGL02.2025.C2	5.749200245	0.727615158	0.029411854	0.438003296	-0.564106334	-0.10586081	-0.320601883	6.87E-05	0.001624637
YGL02.809.C1	8.033483233	0.727591477	-0.018252343	0.487804524	-0.259084263	-0.16178366	-0.792108493	0.004431493	0.031006518
YGL02_GNYA1SO04H9M9I	8.158152058	0.727574064	-0.084639758	0.516396827	-0.101765461	-0.280543642	-1.305175048	0.000986388	0.010610112
YGL02_GNYA1SO04JZP9I	7.47291998	0.727554434	-0.227341912	0.096751004	-0.118861762	0.16034333	-0.461081361	0.000595913	0.007397864
YGL02_GNYA1SO04ILEVI	10.71469839	0.727551432	0.254855579	0.569746226	-0.013975153	-0.102799303	-0.451276841	5.47E-07	6.83E-05
YGL02.3777.C1	5.983539499	0.727328067	-0.250085892	0.361842937	0.069979713	-0.18298003	-0.413695174	0.000150654	0.002818404
YGL02_GNYA1SO04IKANO	7.976906025	0.727219113	0.34699339	0.190201986	0.028082424	-0.030029941	-0.712624947	0.003172874	0.024391819
YGL02.21340.C1	5.811073358	0.726875322	0.270014196	0.399270041	-0.15770837	-0.301487834	-0.453857418	3.43E-06	0.000218057
YGL02_GNYA1SO04JQC9F	8.691166095	0.726626915	0.03452474	-0.006706503	-0.074437871	-0.120740834	-0.099740158	3.72E-06	0.000230468
YGL02_GNYA1SO04JD4RG	6.53683158	0.726596547	0.427037038	0.705738863	0.038667048	-0.513553373	-0.652071526	9.48E-06	0.000419361
YGL02.10896.C1	3.600007056	0.726454272	0.624884874	1.16459397	1.256094537	-0.885297583	-0.792412046	0.000364394	0.005239473
YGL02.6775.C1	7.987224328	0.726046384	0.09355475	0.404180285	0.008856738	-0.120052255	-0.197889575	1.84E-05	0.000652566
YGL02.10858.C1	6.38930467	0.726044332	0.415284223	0.699829871	0.059808417	-0.077786506	-0.273698737	2.03E-06	0.000157218
YGL02.17391.C1	7.781994247	0.725985633	0.422745571	0.437720248	-0.139381702	-0.41537414	-0.425736774	1.13E-06	0.000109544
YGL02_GNYA1SO04IS4KG	7.801520705	0.725807736	-0.035875453	0.22472689	0.070052202	-0.223648414	-0.595684346	0.000230396	0.003786707
YGL02.12054.C1	5.354554397	0.725715729	-0.021806982	0.836282713	-0.01743521	-0.501043066	-1.257430419	0.000470505	0.006256425
YGL02.15100.C1	7.095756718	0.725645278	0.169933365	0.113006748	0.125976976	-0.147048078	-0.16669381	8.81E-06	0.000400566
YGL02_GNYA1SO04JPV32	7.501667151	0.725051464	-0.071306028	-0.041754025	0.315367216	-0.068803866	-0.511019013	0.001937436	0.017168605
YGL02_GNYA1SO04JHS2V	8.128596317	0.724748162	0.310377803	0.530854352	-0.106846285	-0.056469093	-0.28094953	0.00050985	0.006609719
YGL02.6469.C1	9.219460884	0.724561133	0.196665881	0.397249216	-0.26021822	-0.184836661	-0.258943864	6.86E-06	0.00034046
YGL02.17604.C1	7.657658864	0.724109251	-0.022175236	0.69105639	0.108698362	0.019900515	-0.686495272	0.000600521	0.007438181
YGL02.4187.C1	9.37027548	0.724105446	0.194696855	0.47633186	0.281324959	-0.471509225	-0.856556668	0.001428973	0.013810652
YGL02_GNYA1SO04IDT1F	8.566495564	0.724020543	-0.285247932	0.193536248	-0.020545636	0.082498627	-0.537909029	0.000308925	0.004676218
YGL02.8496.C1	7.271687182	0.723939434	-0.499245212	0.432791051	-0.246001253	-0.792718703	-1.000251423	0.00852363	0.049675583
YGL02.14130.C1	6.491313208	0.723724636	0.103772275	0.091770578	-0.006266888	-0.034558514	-0.005079492	0.000111474	0.002288512
YGL02.4664.C11	6.136045422	0.723617165	-0.630408481	-0.381523064	0.026826398	0.017109152	-0.051708744	0.003008638	0.023480504
YGL02_GNYA1SO04ILQAG	6.30389998	0.723331577	0.352807745	0.129550024	-0.354468135	-0.55515365	-0.009146187	0.00605115	0.038904316
YGL02_GNYA1SO04JEQCA	7.866920544	0.723103095	0.002268455	0.253764314	-0.066384675	-0.167054449	-0.221630888	0.000465814	0.00621555
YGL02_GNYA1SO04IOZD2	7.727104087	0.723032751	0.090694344	0.162964128	0.185757803	-0.064026319	-0.226978322	0.001938488	0.017175009
YGL02_GNYA1SO04I749Z	7.354447769	0.722778717	-0.036924553	-0.139359071	-0.299825777	0.01627801	-0.113078666	0.000283114	0.00439513
YGL02.19269.C1	6.362100291	0.722600188	0.049783072	-0.130109778	-0.274316029	-0.095182969	0.137873213	2.06E-05	0.000710655
YGL02_GNYA1SO04JM8JL	7.504543297	0.722418214	0.225612338	0.399482336	0.010746607	-0.249234244	-0.858804556	0.00060258	0.007454299

YGL02_GNYA1SO04I381G	5.183115945	0.721993171	-0.154761432	0.805688274	0.105113261	0.192167446	-0.754322891	0.00230046	0.01939483
YGL02.2846.C2	6.514952282	0.721785906	0.104250788	0.522737933	-0.029684514	-0.072942792	-0.258222832	3.57E-05	0.001039318
YGL02.5759.C1	9.932510963	0.721781074	0.302505914	0.673210378	-0.377706446	-0.232054454	-0.448583371	1.11E-06	0.000108377
YGL02_GNYA1SO04H6JJQ	8.488128372	0.721575071	0.040743207	0.525647725	0.250360434	-0.053416401	-0.463306016	8.60E-05	0.001907452
YGL02.4991.C1	5.490811494	0.721518809	1.218294679	0.957301605	-0.127965795	-0.411500078	-0.794403994	0.004206275	0.029868039
YGL02.10668.C1	6.686778052	0.721375034	0.202874413	0.250277083	0.300169875	-0.282436607	-0.334401672	0.000112628	0.002304124
YGL02_GNYA1SO04H9BI2	5.398321831	0.721340019	0.031146605	0.720627982	0.000507256	0.13697665	-0.288602514	0.002637647	0.021376152
YGL02_GNYA1SO04JA89V	7.385694513	0.721284951	0.341130177	0.468580466	0.147563246	-0.516826111	-0.465519596	0.000210536	0.003554628
YGL02_GNYA1SO04JGFF1	9.501294129	0.721195926	-0.199656002	0.705876322	0.413065487	-0.111663531	-0.249227183	0.00050331	0.006547792
YGL02.6284.C1	8.576873635	0.72115847	-0.548965843	0.241132201	0.048126987	0.234252451	-0.919570419	0.000379625	0.005388646
YGL02_GNYA1SO04I9TRB	10.26584405	0.721053901	0.045178532	0.117395376	0.561830431	-0.212850974	-0.026305908	0.003900617	0.028256956
YGL02.4267.C1	6.990842825	0.720918886	-0.125372673	0.545177504	-0.058113976	0.066743069	-0.259905502	0.006834423	0.042372901
YGL02.9482.C1	6.130499492	0.72088586	0.358212029	1.061871643	-0.008762465	-0.142912073	-0.698298718	0.004365376	0.030680411
YGL02.11384.C1	6.493070751	0.720646719	2.230261708	0.838014173	0.118546955	-0.441536287	-1.190101276	0.002124305	0.018287103
YGL02.1371.C1	11.18269239	0.720623849	0.005989868	0.31275284	0.120470867	-0.054693289	-0.382251102	1.19E-06	0.000113211
YGL02.7694.C1	7.982550057	0.720596959	0.332968647	0.51653828	0.034888214	-0.159968948	-0.224927847	6.95E-05	0.001639899
YGL02.11300.C2	8.706465936	0.720545833	0.01881175	0.337270609	-0.197647209	-0.145615925	-0.583059613	8.96E-05	0.001966796
YGL02_GNYA1SO04IRIHO	5.316341594	0.72030541	-0.657890104	0.612065468	0.282729105	0.588445644	-0.564986308	0.004176598	0.029724131
YGL02_GNYA1SO04JGYGY	9.142459374	0.72029033	0.28004067	0.787490457	-0.130857986	-0.214871654	-0.654347354	1.13E-05	0.000470117
YGL02_GNYA1SO04IH9SR	6.137164445	0.719961998	0.233941689	0.713838177	-0.087039518	-0.298499064	-0.518923888	0.005274791	0.035246363
YGL02.11190.C1	8.078509111	0.71984107	0.236095722	0.66994472	-0.075514173	-0.316645801	-0.276573466	2.08E-05	0.000714552
YGL02.18464.C1	2.949568679	0.719626311	0.008379746	0.023770146	-0.187388653	-0.545914673	-0.746867114	0.000665153	0.008012642
YGL02.4797.C3	10.27080515	0.719561997	0.087528896	1.403605247	-0.080399875	0.187547443	-0.230101715	1.55E-05	0.00058147
YGL02.4873.C1	8.614385909	0.719371155	-0.146359664	-0.042463842	0.210934831	-0.124149108	-0.611156142	0.006618195	0.041439019
YGL02_GNYA1SO04IVOP7	7.08989707	0.719296918	-0.628374789	0.055185272	-0.065939117	-0.341830233	-0.823103382	0.005820325	0.037829723
YGL02.14823.C1	5.323966407	0.719134875	0.587351681	0.174595281	-0.081633068	-0.579809931	-0.52090963	0.000288866	0.00445593
YGL02.18600.C1	10.04795013	0.718978484	-0.21526952	0.347556161	-0.086946576	-0.323492798	-0.470160366	0.000126008	0.002485184
YGL02.21981.C1	8.13857585	0.718679986	0.354349396	0.219442796	0.145900816	-0.325133275	-0.560510042	1.74E-05	0.000627822
YGL02_GNYA1SO04JBEPV	6.632877671	0.718607736	-0.181883263	0.027613059	0.109234507	0.281905342	-0.349812247	0.001090129	0.011375447
YGL02.12493.C1	2.958289887	0.718431524	-0.070054571	-0.138480985	0.000928948	-0.518973948	-0.433168952	0.005622395	0.036912261
YGL02_GNYA1SO04JN05A	7.071479741	0.718331394	0.073853362	0.361943875	0.282942539	-0.154665426	-0.34169446	4.12E-05	0.001144873
YGL02.19570.C1	6.732826878	0.718235872	0.327722256	0.592160569	0.164617812	-0.130058763	-0.638707673	0.005870274	0.038060764
YGL02_GNYA1SO04H0ZW2	9.48665742	0.717785163	-0.443438976	0.367549922	0.082147032	-0.047735996	-0.744465917	0.000705939	0.008363146
YGL02.5238.C1	8.555360851	0.717781277	0.013822824	0.36918429	-0.425985817	-0.22137714	-1.22877596	2.49E-05	0.000807277
YGL02_GNYA1SO04IET4O	5.81480555	0.717766341	0.425770837	0.139446397	0.376511108	-0.185100399	-0.43119103	0.004281012	0.030249449
YGL02.18148.C1	11.99292434	0.717606528	0.307695129	0.619573231	0.288101764	-0.320210487	-0.649831969	8.55E-05	0.001900552
YGL02.23146.C1	5.969187236	0.717479025	0.693348978	1.088484096	-0.010592384	-0.347532932	-0.682230208	0.002280726	0.019274879
YGL02_GNYA1SO04H6IZ3	6.497798893	0.717197309	-0.120525362	0.95425551	-0.195970946	-0.284284589	-1.128232549	0.002481346	0.020473325
YGL02.23160.C1	4.658278572	0.717192389	0.243179571	0.706882974	-0.085541396	-0.350355958	-0.937388981	0.000423164	0.00581358
YGL02.15090.C1	7.554654863	0.717049748	0.373541506	0.770530167	-0.252418902	-0.287389923	-0.401967026	8.58E-05	0.001904145
YGL02.15256.C1	8.485271429	0.717027844	-0.119033736	0.123500083	0.073580112	-0.054604707	-0.305316119	1.28E-05	0.000507253
YGL02.434.C1	8.413161159	0.716954853	0.316243842	0.317358968	-0.277529776	-0.099492149	-0.052597763	3.78E-06	0.000232068
YGL02.13879.C1	10.06357747	0.716868953	0.415722625	0.689191974	-0.14616011	-0.207446401	-0.764065519	0.000913581	0.010060098
YGL02.19236.C1	6.560062108	0.716530145	-0.375013578	-0.265668966	-0.108379115	0.295633642	0.060975986	0.000522735	0.006732946
YGL02.16998.C1	6.181702286	0.716522346	0.001172144	0.183970141	-0.084145881	-0.347273209	-0.635356174	0.000237666	0.003873298
YGL02.16755.C1	8.490834074	0.716321053	0.286848027	0.65909414	-0.373792489	-0.455463168	-0.743668163	0.002219934	0.018884363
YGL02.3357.C1	8.154054689	0.716285928	-0.030530409	0.138142485	0.061564168	-0.069529782	0.100164562	0.000254822	0.004068406
YGL02_GNYA1SO04JSUXE	6.86819194	0.716004312	0.003311419	0.315743649	0.05343146	-0.025033468	-0.28890311	0.001612377	0.015059052
YGL02_GNYA1SO04JNJSG	8.607529717	0.715959235	-0.081899579	0.340283021	-0.123539542	-0.078677287	-0.105593476	9.83E-05	0.002095912
YGL02.1602.C1	9.264222115	0.715861126	0.448795594	0.571234691	0.086988387	-0.394771215	-0.647342414	2.24E-05	0.00075042
YGL02.15876.C1	11.25693857	0.715774231	0.269972838	0.529005652	-0.20372661	-0.18306591	-0.555446427	2.15E-06	0.000163037
YGL02.11853.C1	10.34934605	0.71575319	0.731544259	1.336788781	0.393247596	-0.294426481	-0.275562875	0.000175172	0.003125935
YGL02_GNYA1SO04JWS8Z	13.90727427	0.715575849	0.070512664	0.425457035	-0.084775034	-0.344888263	-0.769737978	8.26E-06	0.000385233
YGL02_GNYA1SO04I0UV3	5.710300492	0.715357672	0.364735384	0.116466174	0.222193822	-0.315589262	-0.510858708	0.001475164	0.014131159
YGL02.19197.C1	6.368733021	0.715347651	0.313516964	1.051009489	0.101188855	-0.356139414	-0.962129568	3.09E-05	0.000940431
YGL02.20256.C1	3.791522709	0.715147875	-0.433951542	0.265950685	0.124459946	-0.070071936	-0.902267701	0.002319879	0.019500147
YGL02_GNYA1SO04JWP99	9.659645796	0.715002101	0.048486594	0.357561186	0.005328941	0.066781192	-0.544415562	0.000138435	0.002654684
YGL02.5652.C6	8.183869042	0.714959113	-0.027712663	0.399354387	0.087239617	-0.087444479	-0.221581062	0.000333524	0.004928191
YGL02.18680.C1	6.887470959	0.714895104	0.148182811	0.432355209	-0.279708426	-0.268337552	-0.401485244	0.002146121	0.018430799
YGL02.20454.C1	6.142613172	0.714832244	0.286045308	0.578517254	0.279940892	-0.30084325	-0.195899432	0.000194477	0.003363738
YGL02.21652.C1	9.278142387	0.714760602	-0.045670962	0.134984099	-0.097863333	-0.100536126	-0.093012666	1.70E-06	0.000141127
YGL02.15714.C2	2.981517478	0.714720942	0.089645971	0.033652733	0.313313552	-0.425268564	-0.239986726	0.008547429	0.049750913
YGL02.11782.C1	7.665867569	0.714565097	-0.071025424	0.310663135	0.211346657	-0.008763914	-0.182456517	0.001147829	0.011818502
YGL02.10456.C1	6.18379587	0.71455172	0.352842984	0.467651514	-0.031803067	-0.100212643	-0.311432037	0.000243661	0.003940747
YGL02.17463.C1	6.615193256	0.71452676	0.354034598	0.110451128	0.016517833	-0.408629187	-0.339898879	3.13E-05	0.000947996
YGL02.2643.C1	9.078962704	0.71449207	-0.164094629	0.071186428	-0.012105094	0.037257494	-0.443560008	9.14E-05	0.001996804
YGL02.8879.C1	8.475269529	0.714349939	0.085352636	0.157726282	0.160553021	-0.181025675	-0.062177106	0.000329809	0.00489228
YGL02_GNYA1SO04JCS13	7.198056562	0.713974575	-0.321861186	0.152300665	-0.312015971	-0.061319637	-0.129171303	0.004495572	0.031335289
YGL02.22855.C1	6.881874252	0.713826534	0.549679569	0.959032385	0.087972387	-0.29786861	-0.626784961	2.99E-06	0.000199389
YGL02.16727.C1	9.439554811	0.713741803	-0.452365687	-0.187215863	0.040081871	-0.122779997	-0.761387429	0.005127144	0.034504027
YGL02.11930.C2	5.984812247	0.713686177	0.230785174	0.789220005	0.37106723	-0.315995021	-0.429940674	1.00E-05	0.000434379
YGL02_GNYA1SO04JNYVM	7.350276033	0.713600791	0.0152862	0.219799646	-0.251128828	-0.233819793	-1.262919574	0.000143027	0.002718588
YGL02.15698.C1	7.327681972	0.712934197	0.743983113	0.483926097	0.031610229	-0.495401622	-0.398206783	0.00323936	0.024757348
YGL02_GNYA1SO04JFV09	5.654289312	0.712881445	0.665699061	0.330117727	-0.077028803	-0.39967667	0.195138363	0.001444006	0.013920614
YGL02_GNYA1SO04JZQA3	8.747260706	0.712878358	0.326542607	0.314464314	-0.099321378	-0.677939789	-0.585296571	0.000192622	0.003340281
YGL02_GNYA1SO04JF659	7.221915182	0.71284098	0.170166228	-0.220422742	-0.074253325	-0.145732798	0.25113548	0.000306786	0.00465309
YGL02.13991.C1	7.066552197	0.712834898	0.049851712	0.064526524	-0.031672939	0.01633818	-0.332781573	0.00019668	0.003389168
YGL02.18293.C1	5.270526426	0.712419064	0.723827238	0.685448118	-0.139008345	-0.461825013	-0.129273903	0.001269312	0.012679196
YGL02.3868.C8	6.664372254	0.712390109	0.248974105	0.492529767	0.160789733	-0.694369346	-0.517790891	0.003886605	0.028183829
YGL02.14606.C1	6.903972164	0.712381525	0.314916015	0.330738861	0.171000302	-0.039987919	-0.113447337	5.59E-06	0.00029836
YGL02.5562.C1	9.393920906	0.712070636	0.477824916	1.716584981	-0.173830056	-0.252547019	-0.954597959	0.000533106	0.006833278
YGL02.12166.C1	10.22351092	0.712055727	1.0316154	1.2736992	-0.057315003	-0.219853625	-0.909561609	1.48E-05	0.000561892
YGL02_GNYA1SO04ID366	6.749991892	0.71189564	0.418279362	0.813121864	-0.039616352	-0.402874004	-0.869640287	0.001441956	0.013906029
YGL02.6697.C3	5.967457603	0.710973249	-0.017481335	-0.141385558	-0.100968757	-0.099947849	0.088145508	0.004468028	0.031190398
YGL02_GNYA1SO04ITGMX	7.999042044	0.710961142	-0.230339453	-0.016712539	-0.18380893	-0.144798948	-0.277653289	0.000163716	0.002977409
YGL02_GNYA1SO04JR1LP	6.542980871	0.710881377	0.267219418	0.520832448	0.232945209	-0.207576454	-0.444366489	0.000442548	0.005988403
YGL02.17590.C1	2.97505652	0.710834083	-0.070647953	-0.114683192	0.045474837	-0.645069683	-0.732268139	0.003134514	0.024184503
YGL02.12428.C1	11.52461679	0.710748902	0.094358244	0.32071276	0.09261863	-0.151173373	-0.394914733	3.22E-07	4.95E-05
YGL02.2850.C1	8.59817615	0.710730816	0.147639833	0.285096087	-0.021960244	-0.2165481	-0.179052707	9.14E-06	0.000410187
YGL02.3454.C2	9.856867586	0.710492908	-0.577236546	0.099517827	0.306518446	-0.296924007	-0.262255318	1.15E-06	0.000110907

YGL02_GNYA1SO04IABG9	8.237907593	0.71045028	0.445729712	0.827057754	-0.147777666	-0.737128888	-0.678910827	0.000135834	0.002622651
YGL02.1458.C3	6.664767495	0.710401639	0.354720788	1.008767177	0.056884718	-0.180315305	-0.382205153	1.26E-05	0.000500426
YGL02.8161.C1	8.524638441	0.710308267	0.230341409	1.035083956	0.065067466	-0.35456077	-0.41042788	4.50E-06	0.000259215
YGL02.20077.C1	6.484706415	0.710306745	-0.04258291	0.158912016	-0.303458762	-0.13980652	-0.20462227	0.001412802	0.013690116
YGL02.11264.C1	9.740141603	0.710257194	0.07789399	0.243679695	-0.307162033	-0.238363946	-0.254720195	0.000251018	0.004024542
YGL02.16269.C2	10.66202307	0.710210506	0.060282405	0.258871811	-0.216630295	-0.016520557	-0.24711279	9.43E-06	0.000417813
YGL02.9553.C1	8.353768577	0.710199478	0.16568804	0.688447663	0.111318004	-0.395802674	-0.830812248	0.000288787	0.004455241
YGL02.17832.C1	7.953943631	0.710134903	0.055281349	-0.128515883	-0.016234708	-0.371441136	-0.20984506	3.94E-05	0.001110566
YGL02_GNYA1SO04IP66G	7.696425397	0.709947401	-0.106628542	0.002657429	0.19352298	0.068192669	-0.198938479	0.000186411	0.003263243
YGL02.5015.C1	6.722163676	0.7099385	-0.149941637	0.039842707	0.009961599	0.121702422	0.227655119	0.001003767	0.010739956
YGL02_GNYA1SO04IRT3H	7.214269704	0.709923408	0.095587263	0.870183303	-0.362283399	-0.396419695	-0.641794172	0.002261578	0.019154308
YGL02.15809.C2	11.75996699	0.709768739	0.429850413	0.78729861	-0.272227069	-0.176068635	-0.605985406	3.18E-06	0.000207527
YGL02_GNYA1SO04JRTMB	9.841636625	0.709557624	0.547633059	0.607693965	0.00316162	-0.048394804	-0.835796404	0.002371836	0.019817247
YGL02.11648.C1	7.565626703	0.709518845	0.093737693	0.200324887	-0.471413299	-0.122493741	-0.1529372	5.48E-05	0.001387943
YGL02.22310.C1	9.519307923	0.709277188	0.248094611	0.334544478	-0.049237183	-0.178315959	-0.372457996	9.92E-06	0.00043179
YGL02_GNYA1SO04IE9DN	6.048646562	0.709273478	0.146247015	0.300435747	0.18846179	0.007160592	-0.396055545	0.000323817	0.004830503
YGL02.8430.C1	9.172424317	0.709128298	0.404916127	0.755022154	-0.214709684	-0.283027479	-0.635900788	2.00E-05	0.000693438
YGL02_GNYA1SO04IYIIK	9.819966787	0.708990076	0.329549644	1.126939926	0.197870049	-0.195028639	-0.608905205	4.29E-05	0.001175586
YGL02_GNYA1SO04H1A7D	6.52681957	0.708710717	0.062463965	0.106603682	0.138919298	0.023814777	-0.124606277	0.000685806	0.008195113
YGL02_GNYA1SO04H63FN	10.99710488	0.708409151	0.247830063	0.353176292	-0.120047673	-0.154306719	0.001931268	0.000133903	0.002598497
YGL02_GNYA1SO04I58YG	7.09985627	0.708181606	0.564537992	1.305825417	0.077633389	-0.596241847	-1.241812865	0.000290101	0.004469125
YGL02.11725.C1	6.98619173	0.708144307	-0.981720818	0.136529667	-0.388239693	0.402700046	-0.414058099	0.001009835	0.010780824
YGL02.7625.C1	9.684616911	0.707985731	0.512530719	0.510448146	0.038186506	-0.240536861	-0.07387505	9.90E-06	0.000431383
YGL02_GNYA1SO04JUL68	7.444388868	0.707964007	-0.108107662	0.044203039	-0.1781262	-0.359239462	-0.628471249	0.001096101	0.011420282
YGL02.17375.C1	9.593719706	0.707931437	0.193390831	0.405539521	-0.020405784	-0.466993352	-0.718075879	0.000233434	0.003824543
YGL02_GNYA1SO04ILH0J	8.274988621	0.707723904	-0.008676555	0.145397828	-0.393703862	-0.000931648	0.006676235	0.000385575	0.00545128
YGL02.6723.C2	8.742478695	0.707421245	-0.295622173	0.590427029	-0.045992025	-0.154882288	-0.949248398	0.000261739	0.004151208
YGL02_GNYA1SO04I4R5F	6.157986532	0.707036488	0.239984563	0.26271566	0.033036403	-0.44133818	-0.802386516	0.001089915	0.011374655
YGL02.2309.C6	7.690756496	0.707000107	0.205225096	0.498462258	-0.063877959	0.096155989	-0.427082012	0.005033891	0.034062952
YGL02.2669.C1	9.148049675	0.706932464	-0.159659345	-0.075270737	0.168242088	-0.182788653	-0.228178239	3.71E-05	0.001066795
YGL02.5037.C1	8.715527884	0.706845827	-0.00624737	0.258147225	0.032482542	-0.303896513	-0.359719339	0.000588325	0.007332321
YGL02_GNYA1SO04H56VE	6.443556491	0.706564954	0.202870887	0.520707382	0.218595218	-0.239277386	-0.563097003	0.000134917	0.002609625
YGL02.2425.C1	6.748395173	0.706017414	0.191422607	-0.102811539	-0.222787624	-0.183114342	0.050040087	0.003672959	0.027070727
YGL02.7647.C1	6.798390003	0.70586743	-0.115754047	-0.185435414	0.12012446	-0.316541961	-0.235251942	0.001482011	0.014176181
YGL02_GNYA1SO04I6KJJ	6.906585531	0.705576311	0.150012947	1.02091492	-0.009588271	-0.174021363	-0.843626887	0.000380648	0.005399614
YGL02.6432.C1	7.597311499	0.705523976	0.329868917	0.434724347	-0.303730941	-0.242537111	-0.773305527	6.61E-05	0.001578042
YGL02.15180.C1	5.644886571	0.705435173	-0.034322544	0.293337636	-0.052922578	0.218761195	-0.434789676	0.000716477	0.008457795
YGL02.3509.C1	7.504458403	0.705280526	-0.004761236	0.172560462	-0.203084548	-0.047280891	-0.370492837	1.01E-05	0.000436966
YGL02_GNYA1SO04H60N3	9.36891626	0.704851409	0.124811458	0.325531768	0.195854283	-0.175459436	-0.259827506	2.51E-05	0.000810779
YGL02.7197.C2	8.985809249	0.704826059	0.192463284	0.647453257	0.170111697	-0.21016739	-1.175780961	0.004777615	0.032790478
YGL02.4831.C1	7.426375211	0.704808248	0.366760748	1.125390713	0.380160356	-0.311754335	-0.676762026	0.00041347	0.005724122
YGL02_GNYA1SO04IFM9U	7.54588091	0.704795058	-0.469651654	-0.056650525	0.032402378	0.320295661	-0.080626843	0.000994088	0.010663705
YGL02.4949.C1	7.519857514	0.704781986	-0.145155947	0.445331571	-0.128721512	0.167975061	-0.46323401	0.000384698	0.005440975
YGL02.7571.C1	8.378209199	0.704720882	0.144544704	0.087733348	-0.345348887	-0.187762004	-0.255673604	0.000118278	0.002378376
YGL02_GNYA1SO04JV853	9.529155009	0.704664099	0.591785047	1.703727447	-0.214570484	-0.349002884	-0.90090499	0.000979645	0.010562141
YGL02.1936.C2	14.60366004	0.704601021	0.030220522	-0.058329432	0.168585053	-0.164465208	-0.519817652	6.81E-06	0.000338762
YGL02.5594.C1	9.756872359	0.704552961	0.181441481	-0.102287955	0.185880319	-0.012429852	-0.498080408	0.003626113	0.026828185
YGL02.15732.C1	7.200332587	0.704352787	0.675962981	1.246753319	-0.067100359	-0.328517795	-0.128359199	0.000152658	0.002839129
YGL02.11271.C1	7.497557766	0.704247555	0.193984313	0.047955344	-0.179923694	-0.018707576	-0.250679414	0.000169834	0.003059484
YGL02.18474.C1	6.836510982	0.704193437	0.31947535	0.641239435	-0.34510451	-0.473025642	-0.641469034	0.000191305	0.003324871
YGL02_GNYA1SO04IZZCY	8.160493874	0.703902377	-0.544645673	-0.727372501	0.19575272	-0.1755491	-0.379463147	0.003346098	0.025332498
YGL02.6149.C1	8.481795833	0.703850547	0.37033526	0.415314948	0.345821679	-0.186141814	-0.333489953	9.66E-05	0.002073585
YGL02.21355.C1	6.099132284	0.703737158	0.055409476	0.05836225	-0.091775142	-0.0055519	-0.277521999	0.000921423	0.010121489
YGL02_GNYA1SO04I2IOE	6.606283139	0.703612051	0.289121645	0.015707828	0.258682491	-0.348625172	-0.034631614	0.000775902	0.008953631
YGL02.14254.C1	9.00692252	0.703603109	-0.070628739	0.352434511	0.107144552	-0.175915624	-0.440699952	0.000125194	0.002476026
YGL02_GNYA1SO04IT6R3	8.41923637	0.703602721	0.050993024	0.442556933	0.180700703	-0.244920559	-0.571750986	0.000245567	0.003962673
YGL02.749.C1	7.347000498	0.703595395	0.346023801	0.509711014	-0.518389833	-0.236457419	-0.266001866	2.43E-05	0.000793654
YGL02_GNYA1SO04JBEDO	10.62873157	0.703528221	0.172999497	0.296694657	-0.033372288	-0.260387021	-0.870866725	0.000588799	0.007336488
YGL02.1339.C1	6.447500913	0.703455212	0.351804003	1.064809604	-0.260510552	-0.28189711	-0.578443014	0.00051947	0.006705152
YGL02.8514.C1	2.787346389	0.703368657	0.027892741	0.017683282	0.122680207	-0.628464681	-0.562932875	0.000943486	0.010293996
YGL02.12133.C1	6.348428212	0.703247563	0.170557998	0.348522767	-0.140804954	-0.147928953	-1.050377521	0.001084732	0.011335568
YGL02.9629.C1	6.337942336	0.703122229	-0.600612172	0.05000733	-0.344000494	0.209736458	-0.014272562	0.007779921	0.046599575
YGL02.20828.C1	6.258673725	0.703100773	0.079622062	0.454280553	-0.494410411	-0.149779057	-0.800570742	0.000952297	0.010367415
YGL02.15359.C2	7.261578695	0.703068813	0.384671681	0.522935223	0.158788176	-0.287981361	-0.528521537	1.96E-05	0.000683562
YGL02.20688.C1	6.528082868	0.703055362	0.89684349	0.865937825	0.377252358	-0.657964414	-0.518676385	0.003580543	0.026600053
YGL02.16112.C1	6.501451304	0.702928622	0.295659844	0.832498333	-0.10427602	-0.155525511	-0.632269726	0.004407866	0.030898445
YGL02_GNYA1SO04IH0Y3	12.20972868	0.702879847	-0.111774428	0.023272811	0.062977664	-0.503115505	-0.708425492	0.000589038	0.007338055
YGL02_GNYA1SO04ID116	12.20506919	0.702806509	-0.102646771	0.062834049	0.049737021	-0.426965043	-0.746558276	0.004014585	0.028875802
YGL02_GNYA1SO04JYWBM	6.75659243	0.702725405	0.070601096	0.519413467	-0.001945037	-0.549976916	-0.984940139	0.001950353	0.017248269
YGL02.3968.C1	7.725060381	0.702546131	-0.014383589	-0.495552347	0.111510889	-0.127157638	-0.058200912	0.006044286	0.038873695
YGL02.2202.C1	7.786760084	0.70223258	0.702807481	0.853453093	-0.119707022	-0.346701894	-0.089706199	5.64E-06	0.00030034
YGL02.14983.C1	7.619369214	0.702202049	0.180532873	0.638655388	-0.181022226	-0.388274139	-0.942292897	1.77E-05	0.000634853
YGL02.217.C2	6.861895033	0.702162216	0.192931986	0.695555909	0.203084817	-0.019595131	-0.446289868	0.000189153	0.003299425
YGL02_GNYA1SO04I69YN	5.632616428	0.702059102	0.44280343	0.280906653	-0.286594067	-0.266413589	-0.002458362	0.001198652	0.012178428
YGL02_GNYA1SO04IOP1D	8.389900995	0.702059089	-0.572746927	0.232213704	0.527404505	-0.118830735	-0.4914968	0.000374388	0.005340068
YGL02_GNYA1SO04JT9R4	5.464058511	0.701577675	0.781060496	0.690001055	-0.354469417	-0.704604508	-1.004221772	0.001832906	0.016506075
YGL02.5636.C1	7.895050611	0.701564431	0.148195255	0.518176637	0.366793845	-0.116569543	-0.445408459	2.29E-06	0.000168703
YGL02.22237.C1	3.078299987	0.70146852	0.262031188	0.170806189	-0.213870729	-0.683881441	-0.358008198	0.003082516	0.023902147
YGL02.1136.C2	8.977075817	0.701401378	0.209157305	0.439245159	-0.282503629	-0.162818876	-0.541557495	0.001093094	0.011399045
YGL02.4828.C3	7.009790977	0.701025818	0.239372403	0.133633839	-0.043222527	-0.035251237	-0.615842796	2.57E-05	0.000824546
YGL02.141.C2	7.39353631	0.700777657	0.672101005	0.631279923	-0.022113898	-0.150284102	-0.191787902	0.000103074	0.002166499
YGL02_GNYA1SO04IGS15	8.197636479	0.700723044	0.104583465	0.452134114	0.214511935	-0.121677042	-0.628731421	8.52E-06	0.000391772
YGL02_GNYA1SO04ITPTW	7.125789212	0.700485998	0.142123763	0.256536524	0.043268493	-0.096563194	-0.235913435	0.000752962	0.008774254
YGL02.5002.C1	7.083493417	0.700240069	-0.013633201	0.378513638	-0.075155335	-0.099635968	-0.296269231	0.00011046	0.002274503
YGL02.536.C1	7.809491837	0.700153275	0.003371758	0.296234707	0.129048818	0.076882478	-0.271279445	8.82E-05	0.001946257
YGL02.4410.C1	9.080068847	0.700035912	0.124687659	-0.055355763	0.139932029	-0.360781604	-0.560999095	0.000758848	0.008821286
YGL02_GNYA1SO04JGJIQ	9.624815867	0.700024316	0.084968813	0.314905958	-0.002587541	0.045533514	-0.557136723	0.004135831	0.029510228
YGL02_GNYA1SO04I2GZP	8.756293757	0.699901052	0.044447058	0.276008999	-0.167617022	-0.15525049	-0.219358635	1.75E-05	0.000630743
YGL02.8183.C1	7.589730233	0.699897307	0.756921538	1.061256417	-0.10911405	-0.455574811	-0.671166547	2.20E-05	0.000740784
YGL02.16323.C1	6.751521252	0.699790777	-0.36968539	0.182437541	-0.08724449	0.042612543	-0.147326301	4.17E-06	0.000247813

YGL02.22487.C1	6.016052898	0.699763976	0.116364904	0.284195029	-0.14994555	0.054762367	-0.099911875	0.001306575	0.012951512
YGL02_GNYA1SO04I0JR3	8.423733834	0.699638179	-0.46118293	-0.203147849	-0.006653903	0.000968434	-0.322883267	5.41E-05	0.001373746
YGL02.7569.C1	7.269145225	0.699404282	0.264525162	0.621788227	0.010973529	-0.400630684	-0.70270117	0.000153274	0.002846493
YGL02_GNYA1SO04H5SCH	7.580314857	0.699298359	-0.025960223	0.2146408	0.379813689	-0.163700411	-0.332001683	0.000237572	0.003872778
YGL02_GNYA1SO04JIF6P	7.079138734	0.699280865	-0.048409402	-0.110922544	0.13063132	-0.642101567	-0.645955372	0.000749583	0.008744195
YGL02_GNYA1SO04JQOKO	7.201316211	0.699171059	0.22876132	0.546947485	-0.07955235	-0.205617128	-0.510280795	0.003851711	0.028002728
YGL02.1768.C1	10.46316228	0.69899523	0.556099034	1.13240933	0.124637592	-0.414650984	-0.730640958	9.44E-05	0.002042642
YGL02.15455.C1	7.442893245	0.698647562	0.205282124	0.574048344	-0.012195062	-0.427698935	-0.600696598	5.52E-05	0.001394513
YGL02_GNYA1SO04I5VQQ	12.71309744	0.698540912	-0.123276374	0.16522485	-0.186511924	-0.497231714	-0.869101894	2.47E-05	0.000801078
YGL02.5475.C2	7.198033799	0.698476027	0.070791723	0.405743182	0.222201917	-0.199851226	-0.317647308	4.90E-05	0.00128655
YGL02.10237.C2	7.434046667	0.698407785	-0.186508628	0.513228398	-0.457046155	-0.020582274	-0.626006529	0.000114066	0.002321803
YGL02_GNYA1SO04ISHJ1	6.549285551	0.698356922	0.163340602	0.074713323	-0.236410541	-0.180262535	0.110794887	8.42E-05	0.001880208
YGL02_GNYA1SO04JVHOA	8.006019869	0.698318795	-0.285635221	-0.282770129	0.088145437	0.070574101	-0.076775962	0.000186649	0.003265653
YGL02.14904.C1	5.937156495	0.698268498	-0.132741823	0.226369301	-0.211338588	0.073744903	-0.439275563	4.04E-05	0.001129272
YGL02_GNYA1SO04JH60A	8.041848723	0.698193028	0.023933031	0.284645147	-0.003186429	-0.315702589	-0.412418383	0.000653069	0.007909751
YGL02_GNYA1SO04JIEOW	7.308945729	0.698100173	0.243370064	0.722365465	0.023033411	-0.174124928	-0.552162916	0.000119133	0.002393644
YGL02.22526.C1	3.420078704	0.69790874	-0.078008115	0.509713243	-0.044322445	0.01078234	-0.777968095	0.003693517	0.027168846
YGL02.10590.C1	7.170541788	0.697859095	-0.044406954	0.516701664	0.243257986	-0.316323542	-0.426277734	9.40E-06	0.000417081
YGL02_GNYA1SO04JC8V1	8.263507114	0.697657668	-0.367370133	0.524726984	0.413896376	-0.268612463	-0.571746455	0.000125282	0.002476905
YGL02.13568.C1	5.492317052	0.697644736	0.303917496	0.55131033	-0.128995465	-0.5924919	-0.93508969	0.001008192	0.01077039
YGL02.15520.C1	7.171521655	0.697406867	0.087126247	0.38438889	-0.675302153	-0.073588964	-0.439040476	0.000311355	0.004702458
YGL02.13488.C1	7.636231987	0.697314085	-0.586237975	0.055212168	-0.120360645	0.117531053	-0.191287106	8.56E-05	0.001902025
YGL02.8940.C2	7.207899418	0.697253277	0.387624248	0.649984859	-0.252714338	-0.385747159	-0.830938076	3.73E-05	0.0010718
YGL02.4241.C1	7.425967905	0.697046341	-0.00129232	0.156462615	-0.24184128	0.088243749	-0.156545959	0.006307754	0.040028028
YGL02_GNYA1SO04ITR91	10.22683996	0.697035124	0.3762907	0.634942618	-0.341214063	-0.16656351	-0.413149493	1.74E-05	0.000626817
YGL02.13129.C1	8.272248856	0.696471413	0.24446256	0.511404632	0.039921163	-0.279440482	-0.644454709	5.67E-06	0.00030155
YGL02_GNYA1SO04IXHCU	8.02462446	0.696447609	0.555215067	1.104115208	-0.145531037	-0.490672093	-0.611972285	4.13E-05	0.001145824
YGL02.3652.C1	8.912865622	0.696167169	0.495294168	0.346487024	-0.017351177	-0.320118818	-0.288295278	4.09E-07	5.71E-05
YGL02.11975.C1	5.689384583	0.696011173	0.307235805	0.11420235	0.326654473	-0.076556926	-0.029655393	0.000214262	0.003599691
YGL02.22074.C1	6.934844382	0.695982728	-0.048799202	0.590672909	0.1675204	-0.19561735	-0.547202953	0.001117319	0.0115845
YGL02.12942.C2	9.2234755	0.695962308	0.376642902	0.254884592	-0.130591945	-0.02879013	-0.157273734	0.002101071	0.018154675
YGL02_GNYA1SO04ISQDO	6.934495898	0.69572596	0.451652745	0.356101269	-0.126235642	-0.426194996	-0.44642246	0.000149408	0.002801621
YGL02.13842.C1	6.939613264	0.695663436	0.597291377	0.749910287	0.009130661	-0.148530708	-0.264635263	0.000182623	0.003213648
YGL02_GNYA1SO04ITWI2	8.162468382	0.695578411	0.041517652	0.072226472	0.052083663	-0.008838383	-0.163290879	0.005211245	0.034926686
YGL02.20524.C1	7.850075858	0.695263887	0.062935133	0.093066227	-0.184340778	-0.330106192	-0.445925264	2.30E-05	0.00076388
YGL02.5475.C1	8.071092859	0.695252072	0.346464045	0.408133789	0.05543916	-0.226481186	-0.241504549	5.61E-06	0.000299237
YGL02_GNYA1SO04JTKIE	5.659404424	0.695204361	0.541216195	-0.222316688	-0.015554657	-0.249271612	-0.249281473	0.005084853	0.034307973
YGL02.8634.C1	7.132781884	0.69518703	-0.619165085	-0.074595067	-0.062661705	0.162569458	-0.078697898	0.000217119	0.003636367
YGL02.11919.C1	8.373782452	0.695164177	0.444543751	0.136189392	-0.170099952	-0.156966266	-0.31714829	2.33E-05	0.000771863
YGL02_GNYA1SO04I6Z0O	6.735970833	0.695057533	-0.031379362	0.632796305	-0.193424563	-0.058120392	-0.607544617	0.000203408	0.003469448
YGL02.274.C1	10.25555104	0.695037645	0.15925134	0.589710509	0.140446785	-0.139314214	-0.399263459	5.91E-05	0.001462961
YGL02.7427.C1	7.664888164	0.694986962	0.118740623	0.186981305	-0.030383668	-0.093258993	-0.403638913	9.81E-06	0.000428747
YGL02_GNYA1SO04H100E	6.540118495	0.694960931	-0.116178027	0.625071585	-0.207631491	-0.195773072	-0.119928889	0.003774276	0.02760592
YGL02.4483.C1	12.62927203	0.694957815	0.103415246	0.446663124	0.114525922	-0.191439795	-0.587401154	0.000966637	0.010469197
YGL02_GNYA1SO04JOTND	5.262373539	0.694927298	0.42583374	0.489169745	-0.237356791	-0.46587279	-0.149150609	0.005166623	0.034702611
YGL02.14820.C1	7.372468559	0.694920124	0.202163399	0.499886252	-0.071433665	-0.199576424	-0.386627245	1.41E-05	0.000544891
YGL02_GNYA1SO04IUDD7	8.888040794	0.694828941	0.377013686	0.867415371	-0.021379523	-0.159704828	-0.702850049	5.78E-07	7.10E-05
YGL02_GNYA1SO04I1B82	5.943716898	0.6947778	0.29159345	0.600967475	-0.10339592	-0.357764175	-0.357125378	0.004982063	0.033804887
YGL02_GNYA1SO04IYECZ	6.712584525	0.694725175	-0.680905055	0.544317571	-0.009328106	0.22621652	-1.260552962	0.008262916	0.048571475
YGL02.17977.C1	7.603153865	0.694639528	-0.003154632	0.293171984	0.009252772	-0.163981588	-0.598585066	4.29E-05	0.001175586
YGL02.21719.C1	6.596467161	0.694190308	0.301686905	-0.177429048	0.053920217	-0.300150016	-0.046994945	0.000319299	0.004780722
YGL02.12263.C1	9.189360864	0.693988331	0.347926742	0.775797312	-0.11462209	-0.281759575	-0.559091901	2.32E-06	0.000170602
YGL02_GNYA1SO04I3XX1	7.879357327	0.693686807	0.539517348	0.524831442	-0.210052577	-0.360298939	-0.434740465	1.71E-05	0.000619002
YGL02.12579.C1	10.80828947	0.693685455	0.256838209	0.616750217	-0.055164701	-0.182725128	-0.267869176	2.43E-06	0.000175615
YGL02.46.C1	7.208197911	0.693553687	0.168085302	0.390087987	-0.24282823	-0.008794788	0.175732403	0.000429603	0.005867946
YGL02.6524.C7	7.034866356	0.693537859	0.035834208	0.343165685	0.392754259	-0.317427714	-0.319609101	0.001192236	0.012136595
YGL02.3963.C8	8.217380354	0.693054166	0.042180562	0.415976964	-0.489561959	-0.095230742	-0.121373947	0.005414936	0.035906722
YGL02.9610.C2	6.509924147	0.692920189	0.144707387	0.565618444	0.036640741	-0.163709557	-0.270112212	0.001927577	0.017112296
YGL02.15524.C1	8.704878577	0.692596933	0.252772821	0.499117127	-0.405588081	-0.207569903	-0.774813046	2.36E-05	0.000776086
YGL02.9665.C1	6.165840037	0.692545016	-0.032170232	-0.010942388	0.122973851	-0.48263157	-0.455131364	0.002555102	0.020894174
YGL02_GNYA1SO04JQ4QM	9.560872541	0.692422801	0.489980106	0.343100633	-0.165129587	-0.339712022	-0.277095044	1.34E-05	0.000524047
YGL02.3494.C1	9.970963013	0.692375166	-0.141631392	-0.089979985	0.143688489	0.113767543	-0.260341643	1.59E-05	0.00059288
YGL02.5978.C1	9.483494642	0.692353616	0.227862208	0.319336577	0.141847635	-0.191084462	-0.308135539	0.000145427	0.002750064
YGL02_GNYA1SO04I5L54	6.185210975	0.692025437	0.63549594	1.166433421	0.527945443	-0.663240803	-1.393717512	0.003559234	0.026478969
YGL02.602.C1	7.183721021	0.691949025	0.061812294	0.385010482	0.127178503	-0.357964081	-0.465223946	0.002083971	0.018051489
YGL02_GNYA1SO04IGFHV	12.142356	0.691866499	0.331280601	1.047105596	0.209408827	-0.401515405	-0.760535376	2.70E-05	0.00085296
YGL02.4103.C1	8.8535673	0.691816428	0.331643642	1.131704604	-0.013886295	-0.290492433	-1.183639262	3.07E-05	0.000935539
YGL02.10335.C1	5.569231926	0.691768734	0.101545597	0.504640093	-0.272498603	0.090597337	-0.411783682	0.004308227	0.030377111
YGL02.5684.C1	7.53370936	0.691442775	0.320984567	0.556297022	-0.063672533	0.001734678	-0.343630034	8.10E-05	0.001828838
YGL02_GNYA1SO04JPACB	7.20936736	0.691433867	0.24460714	1.146088334	-0.197701753	-0.192141507	-1.084172673	0.005075042	0.034263434
YGL02.5106.C1	7.079929056	0.691396094	0.404014461	0.532020368	-0.232590702	-0.238942961	-0.574873514	1.91E-05	0.000672628
YGL02.6794.C1	8.892511763	0.691383416	-0.126765436	-0.150064655	0.111075372	-0.029643072	-0.137605978	2.30E-05	0.000763858
YGL02.10147.C1	6.403902453	0.691226232	-0.015248316	-0.222734764	-0.367064211	-0.219729327	0.249950941	0.000237604	0.003872778
YGL02.1626.C1	8.755114398	0.691157185	-0.073540127	0.600707467	-0.336783679	-0.227740742	-0.837724333	0.000114051	0.002321803
YGL02.20753.C1	6.400646008	0.690990192	0.180766723	0.88036351	-0.135071507	-0.345447731	-0.89986359	0.000225243	0.003732371
YGL02.11537.C1	7.455131187	0.690914163	-0.234675104	0.328188958	-0.044848379	-0.165421601	-0.430247726	0.001222836	0.012353386
YGL02.13410.C1	8.582375814	0.690905395	-0.37744187	0.134443368	-0.193811677	-0.019653513	-0.462228272	0.000480138	0.006344568
YGL02.19833.C1	8.273661169	0.690896479	0.304532678	0.278789989	0.0957259	-0.013803522	-0.797126837	0.001191671	0.012132934
YGL02_GNYA1SO04I3OVH	7.723756952	0.690716653	0.407497435	0.470752316	-0.420948392	-0.120459674	-0.605206269	0.000454608	0.006105978
YGL02.22525.C1	7.069302408	0.690615853	-0.311659759	-0.127387292	0.056133766	-0.080902005	-0.20900716	0.000161637	0.002953105
YGL02.9142.C1	8.48562086	0.69061433	0.286266878	0.325376695	0.168412216	-0.130964034	-0.252387048	0.000545471	0.006951805
YGL02.479.C14	6.936209577	0.690320713	0.305579208	0.579817294	-0.036365842	0.168401725	-0.138194794	5.90E-05	0.001460558
YGL02_GNYA1SO04H0YWR	6.387424237	0.690210296	-0.201729629	0.096943036	-0.095830465	0.303423088	0.188240582	0.006460556	0.040735607
YGL02_GNYA1SO04INSTM	11.93086096	0.690111746	0.15611974	0.613216827	0.125268494	-0.227670313	-0.577884977	1.13E-05	0.000470117
YGL02_GNYA1SO04JB1DU	2.715499606	0.690082385	-0.001831244	-0.002406172	0.068124494	0.60491465	-0.682379109	0.000952727	0.010370197
YGL02.7760.C1	9.021044835	0.689871423	0.391656112	0.985372542	0.194770769	-0.316160024	-0.623107442	5.34E-05	0.001361683
YGL02.16277.C1	6.499096271	0.689810601	0.163174349	0.265580288	-0.2966444	-0.177652306	-0.27578877	0.000295443	0.004528596
YGL02.4087.C1	8.706955661	0.689623717	-0.041780204	-0.483220207	-0.19187601	0.09211609	-0.07151229	0.000163091	0.002971065
YGL02.5022.C1	6.675469241	0.689519929	0.169981343	0.150679981	0.346757308	-0.583481323	-0.517641258	0.000350633	0.00510301
YGL02.1055.C8	11.10812667	0.689259689	-0.213047808	-0.073049359	-0.067523842	-0.289150154	-0.801693721	0.007825896	0.046799189

YGL02.757.C1	7.524216444	0.689201031	-0.002076432	0.017676493	-0.24641153	-0.366397248	-0.428022573	0.000778291	0.008974
YGL02_GNYA1SO04JBIWI	7.592121769	0.689151188	0.34735113	0.259403456	-0.172868988	-0.35080557	-0.007329913	0.00016716	0.003021612
YGL02_GNYA1SO04ISQBA	13.34203342	0.689116419	0.314210877	0.60574861	-0.207925367	-0.23647196	-0.487282344	0.000158996	0.002919692
YGL02.213.C1	8.834782693	0.689084749	0.339600153	0.672542851	0.238453791	-0.161982736	-0.365395268	0.002282172	0.019279558
YGL02_GNYA1SO04JEYW9	6.349064384	0.688988107	0.59241357	0.791516883	0.229136696	0.092565855	-0.422475082	0.000669266	0.008050386
YGL02_GNYA1SO04JYX08	6.566465533	0.688957024	0.511982287	0.475372149	0.023887072	-0.41339656	-0.157433685	0.001413205	0.013693006
YGL02_GNYA1SO04IFIO5	8.73490352	0.688839243	-0.328859301	0.623134299	-0.060759171	-0.078029824	-0.982468513	0.000397238	0.005570687
YGL02.8888.C1	4.955486263	0.688820791	0.027086269	0.115205586	0.081851719	-0.598912838	-0.797617109	0.006564669	0.041193501
YGL02.12649.C2	2.882093358	0.688744507	0.234816484	0.485853858	-0.054059904	0.099448521	-1.089243504	0.000845078	0.009517808
YGL02.359.C1	6.531064836	0.68869076	-0.529055497	0.025658823	0.324090823	-0.15905238	-0.436931232	0.000492556	0.006454659
YGL02.8259.C1	8.472214654	0.688687803	0.436037802	0.664312562	-0.042449822	-0.341335129	-0.674176428	7.35E-06	0.000356024
YGL02_GNYA1SO04H7WDJ	9.222998964	0.688678471	-0.126825071	0.342267694	-0.293259997	-0.009568033	-0.376965587	4.97E-06	0.000276523
YGL02.2206.C2	7.113145945	0.688677046	0.036275102	-0.405774367	-0.030962924	-0.2109093	-0.12367348	0.000309988	0.004687933
YGL02.7994.C1	8.032276149	0.688377753	-0.166500658	0.696971416	0.039108527	-0.133868619	-0.534104771	0.002116523	0.018240721
YGL02.4859.C2	8.874821564	0.688375718	-0.143011591	0.1884342	0.132619576	-0.153798441	-0.201151022	0.000153927	0.002856989
YGL02.972.C1	6.84640383	0.688288167	0.291881431	0.776022712	0.175053332	-0.297879046	-0.645669394	0.000430832	0.00587901
YGL02.3187.C2	9.647601651	0.688072652	0.196342718	0.377851802	0.093191084	0.023912926	-0.068880943	0.000678871	0.008133256
YGL02.8.C1	6.673830285	0.688060975	-0.273904929	-0.660855271	0.046799532	0.084409452	0.047661328	0.000725961	0.008543318
YGL02_GNYA1SO04IIYEK	8.252415282	0.687824433	0.497240371	0.797047111	-0.322180043	-0.272720892	-0.805014405	0.005126354	0.034503721
YGL02_GNYA1SO04I3FZD	8.454294116	0.687794343	0.097024627	0.431220229	-0.272061017	-0.029233698	-0.400651544	3.05E-05	0.000931388
YGL02.8771.C1	8.603951202	0.68772047	-0.148679661	0.126264846	-0.161573856	-0.080253961	-0.181764824	4.68E-06	0.000265789
YGL02.2243.C1	8.209745135	0.687685634	0.445077457	0.385822768	-0.113868353	-0.417003632	-0.467313959	0.000638457	0.007781535
YGL02.21221.C1	7.208647047	0.687587337	0.182182702	0.356517832	-0.091101536	-0.001443508	-0.122914725	9.14E-05	0.001996762
YGL02.3156.C1	7.673327239	0.687378176	0.30394474	0.846609249	-0.137780876	-0.617433411	-0.999897244	7.67E-05	0.001757206
YGL02.6787.C1	6.965319091	0.687322658	-0.117812829	0.513835721	-0.058681885	0.088294947	-0.092877882	0.000347735	0.005076767
YGL02.6048.C1	6.678184261	0.687271543	0.273675931	0.212160576	0.033329299	-0.247016694	-0.427738635	0.001042036	0.01103725
YGL02.6105.C1	7.905065056	0.687250533	-0.001811395	0.16654946	0.008395258	-0.0304509	-0.352964074	1.11E-05	0.000465005
YGL02.1643.C1	8.276793276	0.687198201	0.71055718	0.424729765	0.059761133	-0.294707754	-0.357191502	0.000637151	0.007770213
YGL02_GNYA1SO04I850M	7.739505983	0.687058091	-0.132661445	0.056932995	-0.459135268	-0.145748014	-0.146397397	0.00093622	0.010233682
YGL02.9269.C1	8.152734306	0.686934849	0.3705707	0.525301513	-0.026392907	-0.365168376	-0.764781537	0.000150769	0.002818891
YGL02.10003.C1	8.098823436	0.686722003	0.104594137	0.087121635	-0.186132162	0.009510504	-0.271877195	4.28E-05	0.001173577
YGL02_GNYA1SO04INHIX	7.426854985	0.68670489	0.233194911	0.676429667	0.070874931	0.011996077	-0.345471176	3.25E-05	0.00097405
YGL02.13684.C1	8.629045507	0.686580415	0.947017946	1.4101048	-0.085475815	-0.34181717	-1.015560798	0.002560934	0.020926006
YGL02.21998.C1	6.348420372	0.686503969	0.406346552	0.300455209	0.361412588	-0.248379587	-0.335854308	0.001264268	0.012645399
YGL02.5876.C2	8.534604489	0.686457431	-0.783824075	0.297515671	0.218926985	0.32552075	-0.312368052	0.007791869	0.046656031
YGL02.6417.C1	9.28706549	0.686442747	0.059520395	0.79625681	-0.246185063	-0.361190335	-0.632218177	6.18E-05	0.001503948
YGL02.10258.C1	5.29443135	0.686355314	0.395856366	0.397198876	0.217547229	-0.298845537	-0.521482139	0.006734715	0.041951556
YGL02.16592.C1	7.139356804	0.686314784	-0.049526159	0.205527224	-0.159516987	-0.202874764	-0.60432819	9.06E-05	0.001982718
YGL02.6575.C1	6.264025007	0.686160719	0.64393049	0.408974	0.100429031	-0.394846757	-1.022738943	0.004886155	0.033325245
YGL02.587.C3	9.538605776	0.686121076	0.019512198	0.222516558	0.018863074	-0.27189276	-0.446472576	0.000410301	0.005693358
YGL02.13766.C1	9.420303046	0.685829879	0.073831396	0.146578212	-0.124068268	-0.225803012	-0.752789527	8.93E-05	0.001963789
YGL02_GNYA1SO04J07T9	7.379973266	0.685725111	-0.030244958	-0.030254783	-0.024906282	0.092697355	0.041684539	0.000313819	0.004727097
YGL02.19785.C2	6.991071512	0.685410755	-0.023581962	0.493632858	-0.563958451	-0.271796177	-0.800977371	0.00394956	0.028511033
YGL02_GNYA1SO04I79OM	6.717817564	0.685391	0.350644339	0.228419663	-0.220297622	-0.172976126	-0.37183241	8.38E-06	0.000388374
YGL02_GNYA1SO04IS3DQ	7.90612341	0.685356551	0.364922353	0.479135097	0.182917579	-0.325992251	-0.220940325	0.000237964	0.003877673
YGL02.8297.C2	5.590261673	0.685020595	0.519173626	0.343809421	-0.218521148	-0.499173442	-0.275581317	1.07E-05	0.000452805
YGL02.3746.C2	7.081214079	0.684954299	0.083698109	-0.178899725	-0.012467629	0.071638621	0.360605563	0.000142381	0.002711084
YGL02.655.C1	7.746698247	0.684949293	-0.037686397	0.138303685	0.00544118	-0.089780405	-0.480408593	0.000137055	0.002637186
YGL02.17513.C1	7.42304243	0.684886873	-0.190247358	-0.286699936	0.091000606	-0.027573156	-0.036410992	0.002996452	0.023406563
YGL02.10973.C1	7.902531024	0.684876903	0.325657381	0.251638619	0.22984896	-0.364695273	-0.101204086	5.95E-06	0.000310417
YGL02_GNYA1SO04JXPG6	7.924299111	0.684793315	-0.120384195	0.240746025	-0.036857622	-0.035291907	-0.304821641	8.27E-06	0.000385389
YGL02.11035.C1	9.011782856	0.684694003	0.146006766	0.030840483	0.236563965	-0.070346806	-0.021914317	0.00812097	0.048017671
YGL02.20332.C1	7.043072368	0.684567091	0.236828775	0.434843229	-0.213444144	-0.018511107	-0.470451514	0.001038433	0.011010788
YGL02_GNYA1SO04H003E	7.112579235	0.684350528	0.007154689	-0.122348855	-0.190973023	-0.12816043	-0.322619818	0.00346191	0.025943854
YGL02.11385.C1	7.004856966	0.68427755	0.480302664	0.205909764	-0.255962884	-0.285100851	-0.396385337	5.44E-06	0.000293161
YGL02_GNYA1SO04H3O7V	8.466945628	0.684007331	-0.456555261	-0.426405691	-0.096825633	0.008832592	-0.064894874	0.000506193	0.006574812
YGL02.15689.C1	5.551088045	0.683809401	-0.07951076	-0.207942737	0.065762528	0.006249577	0.114196767	0.000982658	0.010583933
YGL02.12957.C1	7.613197851	0.683517036	0.040700003	0.341650248	0.044250288	-0.292946663	-0.647949043	0.000501747	0.006535039
YGL02_GNYA1SO04JL8GP	5.982331851	0.683186003	0.239149449	0.546107281	0.274069423	-0.302602105	-1.103992249	0.003120227	0.024115943
YGL02.12468.C1	9.645072822	0.683144366	0.418689558	0.412648732	-0.23631398	-0.306677385	-0.578183502	0.000490726	0.006441108
YGL02.7365.C1	11.26613005	0.683073771	0.173894727	0.561201015	0.136695805	-0.280632157	-0.648849985	6.30E-06	0.000321558
YGL02.15910.C1	7.483512512	0.682977387	0.025281665	0.06651421	-0.073709521	-0.292995225	-0.437570178	0.000220359	0.003676839
YGL02_GNYA1SO04JTVW3	8.087649875	0.68296628	0.370458002	0.23081214	-0.057738532	-0.341939011	-0.412835852	0.001628946	0.015173715
YGL02.7235.C1	6.53648717	0.6829376	-1.158311025	-0.570498024	0.525399507	0.47123169	-0.424933907	0.002369912	0.019806682
YGL02.6845.C3	8.91612579	0.682882211	0.435807736	0.837839359	0.306883981	-0.141060235	-1.185236252	1.94E-05	0.000680067
YGL02_GNYA1SO04H9YGQ	7.612571003	0.6828029	0.053774968	0.210859731	-0.009436499	-0.297639632	-0.123093718	0.003884904	0.028176183
YGL02.19658.C1	8.125002467	0.682784442	0.308137659	0.632458791	-0.278539336	-0.315247079	-0.477203623	2.43E-05	0.000793517
YGL02.224.C1	9.150659502	0.682676035	-0.069077781	0.504405264	0.137324242	0.00192007	-0.26844154	4.11E-06	0.000245581
YGL02.20015.C1	7.128655466	0.682535366	0.001081665	0.415660262	-0.144842497	-0.334870009	-0.315109211	9.78E-05	0.002089369
YGL02.13860.C1	8.455559107	0.682434214	-1.067003748	-0.926273905	-0.346210317	-0.365075584	-0.817710307	0.000271104	0.004256982
YGL02.20027.C1	6.20195683	0.682395654	-0.093270961	0.010553809	-0.665775362	-0.07117185	-0.09267217	0.001698501	0.01564197
YGL02.2978.C1	9.173168649	0.682188953	-0.025277829	0.146757259	-0.110910272	-0.185793896	-0.210655502	2.23E-06	0.000166131
YGL02.6044.C1	8.537952539	0.682121536	0.191700507	0.410093406	-0.110981197	-0.128561148	-0.581383378	0.000180083	0.003181064
YGL02_GNYA1SO04H4R3A	7.314497087	0.682121281	-0.621676788	0.033438701	0.225295685	0.110469616	-0.257648246	0.006795181	0.042190906
YGL02_GNYA1SO04JW7Z1	8.252236974	0.682098999	0.040701996	0.368818432	-0.064502054	-0.043836843	-0.139638058	5.03E-05	0.001306118
YGL02.16085.C1	7.950743912	0.68187401	-1.058412467	-0.245917987	0.044938441	-0.229394355	-0.740342899	0.000349572	0.005094446
YGL02.9839.C1	7.984373312	0.681647386	0.066595501	0.008568363	0.042719149	-0.116458505	-0.119994714	1.28E-06	0.000117946
YGL02_GNYA1SO04JS2Z7	6.308323142	0.6813047	-0.339156321	0.998288716	0.110483291	0.206650333	-0.68069884	0.000834282	0.009433964
YGL02.5225.C2	6.794349915	0.681260936	0.427870058	0.523338961	0.138840192	0.034844587	-0.280797321	5.10E-05	0.001318955
YGL02.20003.C1	5.341723292	0.681069662	0.167043533	0.629620049	0.004179564	-0.41337924	-0.819943617	0.003206206	0.024580941
YGL02.15836.C1	5.688511313	0.681062359	0.388714826	-0.014601805	-0.12911521	-0.661123558	-0.086395437	0.003597891	0.026687995
YGL02.21186.C1	4.658864077	0.680864328	0.260605014	0.418412633	0.043503814	-0.399872662	-0.425072776	0.000101245	0.002143032
YGL02.5679.C3	9.465189181	0.680669739	-0.5376806	-0.013073339	-0.100113028	0.116761663	-0.151380302	0.000222182	0.003696709
YGL02_GNYA1SO04I63RW	11.02806501	0.680596402	0.123387763	0.266719619	0.402925001	-0.011337724	-0.058066386	0.002887391	0.022816139
YGL02.23075.C1	4.141756744	0.680585301	-0.398292847	-0.018105012	-0.245217708	0.258366975	-0.534117226	0.007638026	0.045966524
YGL02.11783.C1	7.963720467	0.680516605	-0.015145601	0.269387128	-0.226819867	-0.164352808	-0.285260851	6.95E-05	0.001639832
YGL02_GNYA1SO04H40AG	7.71138567	0.680489854	-0.159111302	-0.33926566	-0.01491098	0.13313271	0.390306526	0.000190443	0.003314335
YGL02_GNYA1SO04JZ41Z	9.111749456	0.680484672	0.001320999	0.565272539	-0.107331039	0.051654869	-0.546603681	0.000396603	0.005565403
YGL02.19974.C1	5.131086687	0.680376434	-0.062248046	0.651272478	0.238992822	0.159354969	-0.244793973	0.003133646	0.024180689
YGL02.7383.C1	7.07925755	0.680335476	0.027719441	0.91749633	0.358690079	-0.341184458	-0.889831221	0.003993544	0.028747981

YGL02.4664.C3	7.285868201	0.680236332	0.082338927	0.287973845	-0.234324006	-0.083606289	-0.660237868	0.000694958	0.008268611
YGL02_GNYA1SO04IPZXQ	8.370879889	0.680183577	0.565249673	0.904852262	-0.286188344	-0.471587204	-0.432742769	0.002790877	0.022280532
YGL02.2300.C1	8.298121663	0.679734285	-0.143539905	0.34249712	0.074462634	-0.084706409	-0.197009417	2.84E-05	0.000886798
YGL02.11970.C1	2.895108059	0.679451223	0.083601844	0.719535993	-0.026856249	-0.698942313	-0.645367096	0.002111484	0.018208981
YGL02.12912.C1	8.664096718	0.679443804	0.230249475	0.207910491	-0.16911971	-0.445499799	-0.574510227	0.000138117	0.002650943
YGL02.10814.C1	9.045844569	0.679265444	-0.45844849	0.715959761	0.028989317	-0.070021502	-0.94482851	2.12E-05	0.00072292
YGL02.6697.C1	5.866859221	0.679226446	0.109523103	0.0336814	0.18140891	-0.431384923	-0.119578923	0.001754649	0.016011225
YGL02.1211.C1	9.635786952	0.679179177	0.305564541	0.480760725	0.260610536	-0.246709481	-0.434134419	1.07E-05	0.000454149
YGL02.16606.C1	9.889812805	0.679095253	0.319045697	0.672289777	-0.018605959	-0.152353984	-0.840499368	0.00031731	0.004760856
YGL02.12428.C2	9.513568254	0.679065339	-0.077386403	0.266386324	0.235614754	0.037273987	-0.276976947	1.16E-05	0.00047638
YGL02.2473.C2	7.602115767	0.679017031	0.198562387	0.802088298	-0.010192142	-0.302916673	-1.052827806	0.000790101	0.009074625
YGL02.10448.C1	7.943926103	0.679011029	0.319566237	0.99050606	0.067205554	-0.226603165	-0.757121908	2.55E-05	0.000820383
YGL02_GNYA1SO04JWVLD	7.430176752	0.678952721	0.227044714	0.924338746	0.007889735	-0.324790042	-0.973006845	0.000888279	0.009856917
YGL02.4398.C1	8.406369543	0.678894815	0.26237737	0.797808902	-0.263533979	-0.025563582	-0.605843543	0.00018702	0.003270581
YGL02_GNYA1SO04IZM5A	9.452341868	0.678798498	0.089074274	0.419294926	0.035675338	-0.12599588	-0.399841689	0.000991414	0.010648245
YGL02.5426.C1	8.555478414	0.678755119	0.175198529	0.5137318	-0.236484456	-0.163881238	-0.744851076	7.48E-05	0.001727478
YGL02_GNYA1SO04IUGA3	7.781219059	0.678582877	-0.101699412	-1.281269371	-0.146570911	0.113930428	0.770395016	0.000256711	0.004090498
YGL02_GNYA1SO04JN4Q5	8.638427412	0.678332159	0.105584441	0.31672107	0.319105756	-0.392516697	-0.697366152	0.001985164	0.01746682
YGL02.2162.C4	9.296985811	0.678244128	-0.254840107	0.105382273	0.022470353	-0.150180414	-0.421381157	2.05E-05	0.000707862
YGL02.2613.C3	11.05325148	0.67789858	0.00919764	0.321601471	0.081873535	0.086780441	-0.482514236	4.66E-05	0.001242798
YGL02.3930.C1	11.02598866	0.677870808	0.361079126	0.573554244	-0.19251258	-0.147956366	-0.104846218	4.44E-07	6.01E-05
YGL02_GNYA1SO04JQJEC	9.598367539	0.677835291	0.064414396	0.274345335	-0.118852824	-0.377212661	-0.75154741	0.001040631	0.01102868
YGL02.15709.C1	6.512193872	0.677833237	0.788117584	1.13673154	0.086059366	-0.290939774	-0.533137182	3.41E-05	0.001004922
YGL02.9220.C1	6.943303158	0.677741656	0.232756539	1.253613267	-0.13443301	-0.146457802	-0.583537378	0.000365687	0.005251816
YGL02.13142.C1	4.988623277	0.677645728	0.499575237	-0.251624952	-0.19856488	-0.046471576	0.450685979	0.00108333	0.011328111
YGL02.1487.C1	6.449816335	0.677457186	-0.877375366	-0.082034163	-0.010497788	0.186487485	-0.006373438	0.005772319	0.037629131
YGL02_GNYA1SO04JF700	6.47766609	0.677369845	0.197515043	0.293128937	-0.103318803	-0.079116103	-0.17111327	0.001344432	0.013210703
YGL02_GNYA1SO04JXCV2	6.598916079	0.677318053	-0.977496677	-0.194738424	0.380573114	0.398639962	0.076428023	0.005087457	0.034315045
YGL02.14444.C1	5.297166467	0.677101967	0.573794733	1.395930634	0.033303938	-0.42826368	-0.82154535	0.001074688	0.011268808
YGL02.3604.C1	8.198344004	0.677038136	-0.317456043	0.063551795	-0.256515782	-0.171150419	-0.43605771	0.000357595	0.005172313
YGL02.8000.C1	9.82057583	0.677028145	0.570021164	0.504771099	-0.060405118	-0.462466397	-0.488112569	8.28E-05	0.001860529
YGL02.10347.C1	6.92779306	0.676853675	0.274294569	0.329327447	0.003943761	-0.352835917	-0.46477426	0.000796074	0.009120983
YGL02.13101.C1	8.157766327	0.676831074	-0.095345005	0.050012507	-0.00340259	-0.213780601	-0.289952525	1.58E-05	0.00059022
YGL02.20462.C1	5.636894833	0.676774536	0.42861243	0.464892505	-0.34117964	-0.477373994	-0.114933676	0.002577896	0.021027457
YGL02.5266.C2	7.089047505	0.676695034	0.476633291	0.428439521	-0.144406469	0.047303652	-0.578527666	0.000116103	0.002349886
YGL02.3555.C1	9.011873452	0.67658993	0.104676209	0.441980152	0.096719891	-0.247874103	-0.464221283	2.46E-06	0.000176652
YGL02_GNYA1SO04IH912	10.04058847	0.676556427	-0.211965961	0.032779584	-0.085083337	-0.069853534	-0.542819642	0.00085896	0.009628102
YGL02.15776.C2	7.094196874	0.676257966	0.126567341	1.066848467	0.136434601	0.026924537	-0.568507388	0.003615502	0.026778744
YGL02.4622.C2	9.375860817	0.676206155	0.25760577	0.020281739	0.183159011	-0.334123533	-0.395387357	0.000251695	0.004031492
YGL02.13029.C1	8.743619946	0.676000187	0.165948205	0.109110211	0.30322055	-0.332587229	-0.594543043	0.003675137	0.027079498
YGL02.18524.C1	2.856877036	0.675864436	-0.087539712	0.056997873	0.046988353	-0.425440345	-0.535266295	0.002883238	0.022793051
YGL02_GNYA1SO04JWLER	10.12692606	0.675422763	0.150097811	0.282199478	0.060094533	-0.098587887	-0.000388197	1.25E-05	0.000500117
YGL02.889.C1	8.059621791	0.675177562	0.275001446	0.030607693	0.076096657	-0.093620083	-0.72854233	0.002632627	0.021343486
YGL02_GNYA1SO04IGXNB	7.754553907	0.67511322	-0.181576108	0.315858293	-0.168415823	-0.008924903	-0.237718967	0.000209107	0.003536688
YGL02_GNYA1SO04H4GFC	7.749591855	0.674991833	0.563303544	0.827799212	-0.062081735	-0.528821035	-0.700323486	0.001392106	0.013541959
YGL02.2645.C1	7.340356963	0.674743652	-0.129036575	0.157245997	0.358215854	-0.021617285	-0.378395819	0.000332455	0.004919128
YGL02_GNYA1SO04JWBJT	7.918090056	0.674680592	-0.131992315	0.195307167	0.017043943	-0.265398188	-0.508007701	0.000154605	0.002866286
YGL02.6205.C1	8.499811835	0.674611015	-0.231694532	-0.186040513	0.214404199	-0.058089719	-0.14490596	9.71E-06	0.000425837
YGL02.9495.C2	7.342409097	0.674554688	-0.095497477	0.278225446	0.92456391	-0.188462007	-0.655858867	4.31E-05	0.001178182
YGL02.4609.C1	8.360733026	0.674489439	-0.516141632	0.100968964	0.228438661	-0.039741163	-0.600015887	2.94E-06	0.000197175
YGL02_GNYA1SO04JDTQX	7.010500091	0.674364555	0.112813667	-0.091277373	0.581964214	-0.280293538	-0.151911852	0.000382559	0.005420786
YGL02.20157.C1	7.475469501	0.674354003	0.431776982	0.222633868	-0.304920316	-0.228357186	-0.463795264	0.000693311	0.008258123
YGL02.18693.C1	6.590437473	0.67406464	0.396079057	0.501330039	-0.132223349	-0.451623789	-0.823084593	0.001251297	0.012553055
YGL02.21307.C1	6.966301324	0.673826126	0.267818799	1.019932415	-0.123776952	-0.320030667	-0.720289249	0.000108974	0.0022543
YGL02.18359.C1	5.730325259	0.673678659	0.184759581	0.415824355	0.146296001	-0.155988357	-0.599925721	1.01E-06	0.000101248
YGL02_GNYA1SO04JAZO9	9.060047952	0.673627085	0.207413534	0.438825673	-0.064148755	-0.048447988	-0.398113641	9.71E-07	9.88E-05
YGL02_GNYA1SO04IL58D	7.137836441	0.673484932	0.212191395	0.87422663	0.084056724	-0.308374382	-1.129773972	0.000425254	0.00582869
YGL02_GNYA1SO04JECB5	8.270370172	0.67344137	0.231909922	0.629402171	0.100232851	-0.017713425	-0.373645998	3.54E-06	0.000223198
YGL02_GNYA1SO04JZ2ZO	3.147069087	0.673307373	0.143460935	0.25986776	-0.300536823	-0.856256082	-0.556787507	0.002510486	0.020645361
YGL02.3554.C1	8.455346309	0.672951024	0.059907234	0.298842682	0.034075101	0.042220489	-0.157468586	0.00096669	0.010469197
YGL02.12436.C1	8.346506135	0.672891134	0.218000732	0.182009308	-0.269012911	-0.339360246	-0.522003954	0.000109503	0.002261617
YGL02.7457.C1	6.503303452	0.67286468	-0.149884049	-0.109150472	0.005851299	0.066148864	-0.181228146	0.006602506	0.041364785
YGL02_GNYA1SO04JBLZG	7.483777906	0.672356486	0.298917955	0.546109247	0.306848464	-0.189417843	-0.546158228	4.77E-05	0.001263325
YGL02.22979.C1	6.974846899	0.672345609	-0.094351931	-0.173565737	0.370840682	0.010945446	0.159028456	0.000840173	0.009477098
YGL02.10974.C1	8.036439705	0.67229363	0.421589082	0.751577483	0.322746623	-0.389760236	-0.540050779	1.49E-05	0.000565085
YGL02_GNYA1SO04H8GYX	10.42604495	0.672156265	-0.302776244	-0.341831068	-0.083994282	-0.377751737	-0.551620769	0.001999211	0.017546301
YGL02.1440.C1	9.676785995	0.67214661	0.302375032	0.539499072	0.240723748	-0.295235908	-0.474810793	1.82E-05	0.000648275
YGL02.17098.C1	7.060768133	0.6718427	0.031058424	0.362708227	0.190828564	0.003586261	-0.500072791	0.000105677	0.002203302
YGL02.8460.C1	6.65613452	0.671798093	-1.042408467	-0.479525941	-0.224689064	0.420953927	-0.28384994	0.005073404	0.034254156
YGL02.5626.C1	5.346339389	0.671597628	0.083922989	0.155737859	-0.196423968	-0.095440272	-0.070605591	0.003715907	0.027293007
YGL02_GNYA1SO04IPT7N	9.251311732	0.671432655	0.331639311	0.794375116	0.299339852	-0.289565248	-0.66209239	1.88E-05	0.000663148
YGL02.6207.C1	10.22560068	0.671308639	0.087731006	0.280374478	-0.179943327	-0.16370382	-0.147324644	2.28E-05	0.000759376
YGL02.23627.C1	5.756176934	0.671243014	0.527654442	0.42413703	-0.088211635	-0.077304456	-0.037855431	0.001071371	0.011242216
YGL02.6544.C2	5.384845537	0.671150963	-0.04412128	0.139981189	0.050256087	-0.145344645	-0.494663711	0.001927895	0.017112771
YGL02_GNYA1SO04IQ0RK	2.839008226	0.671070021	0.197650453	0.080864513	0.13143336	-0.824525744	-0.523832824	0.003519893	0.026265905
YGL02_GNYA1SO04I60NY	7.732627338	0.671041115	-0.384374615	0.58064746	-0.336134669	0.032999888	-0.613742771	0.001331517	0.013121417
YGL02.8370.C1	7.200100944	0.671000954	0.118189076	0.810412728	-0.287916759	-0.410513699	-1.242774719	0.002349322	0.019673572
YGL02.20412.C2	5.424738741	0.670982192	0.177827958	-0.008886916	-0.238279342	0.162756013	-0.66564193	0.001587433	0.014896482
YGL02.3075.C1	5.643693334	0.670952408	0.30033029	0.62087405	-0.439886929	-0.448223504	-0.742814406	0.000445863	0.006026337
YGL02.19729.C1	5.970192478	0.670899104	0.265931259	0.336372758	0.075891273	-0.054349665	-0.497669931	0.001179353	0.012045405
YGL02.20604.C1	7.544075041	0.670759975	-0.049560531	0.113822829	0.429049692	0.030064678	-0.057532909	0.000344337	0.005039658
YGL02_GNYA1SO04JJG4Z	11.50331358	0.670585545	0.25686241	0.086720405	0.246742233	0.015748161	-0.8549224	0.000239692	0.003898192
YGL02_GNYA1SO04JXX2J	8.453783624	0.670551388	0.236129863	0.582556376	-0.281287401	-0.415146973	-0.268253741	3.76E-05	0.00107843
YGL02.870.C1	10.30112867	0.670524529	-0.783805166	-0.302331272	0.042348042	-0.20602415	-0.523773948	0.002902259	0.022895897
YGL02.20238.C1	7.794653368	0.670319294	-0.44779159	0.019292024	-0.329828298	-0.051735606	-0.576091174	0.002204544	0.018799133
YGL02.7260.C1	8.218151736	0.670286112	0.184179988	0.159306338	0.155739155	-0.009440145	-0.071474871	0.008588603	0.049918299
YGL02.11105.C1	9.954550411	0.670266581	0.031273863	0.060424666	0.108279254	-0.027966849	-0.389171212	0.002462322	0.020358213
YGL02.1055.C2	10.67560064	0.670000175	-0.199670059	-0.007339885	0.220389292	-0.21369773	-0.914893819	0.006700878	0.041805132
YGL02_GNYA1SO04ITHY3	10.11606559	0.669701908	0.002978983	0.048186174	-0.24675836	-0.175268644	-0.243162127	0.000300056	0.004578904
YGL02_GNYA1SO04I0FS7	6.11508475	0.669597022	-0.060850765	0.091170694	0.077588077	-0.130559383	-0.190930615	0.000674984	0.008097826

YGL02.11779.C1	8.213449533	0.6694077	-0.086717842	-0.001961871	0.235801848	-0.193130393	-0.262670611	2.24E-06	0.000166427
YGL02_GNYA1SO04I2VPS	8.468022957	0.669338758	0.321031324	0.557881355	-0.071118538	-0.178157613	-0.390581429	0.000106762	0.002220123
YGL02_GNYA1SO04IP046	7.862891614	0.669329055	0.043683764	0.291938022	-0.017401144	0.111931848	-0.281261888	0.001179515	0.012046105
YGL02_GNYA1SO04H0TG8	8.551375621	0.668890898	0.190064413	0.442173721	-0.056904848	-0.045799751	-0.511141853	2.37E-06	0.000173034
YGL02.8415.C1	7.843816139	0.668793711	-0.151035979	0.556829222	0.0098361	-0.187717448	-1.025249872	0.002155789	0.018499106
YGL02_GNYA1SO04INZ6R	7.423168401	0.668790287	0.623096997	1.016791279	-0.377298179	-0.471298342	-1.134936609	0.002043553	0.017812186
YGL02.16287.C1	8.452099806	0.668531452	-0.084937541	-0.004980366	-0.290449911	0.022616954	-0.317751433	9.51E-06	0.000420143
YGL02.7880.C1	6.186746661	0.668484368	0.49530015	1.330553817	-0.147948374	-0.553171737	-0.726331649	0.000965338	0.010458392
YGL02.19568.C1	10.69364063	0.668263797	-0.119914534	0.346185628	-0.087618575	-0.136398323	-0.48138958	1.31E-06	0.000119714
YGL02.21845.C1	5.827543163	0.667741142	-0.150790058	0.20575326	-0.374997842	-0.12719803	-0.322270431	0.007198693	0.044036859
YGL02.14378.C1	5.355399892	0.667739738	-0.090758507	-0.270484103	-0.248697811	0.530864358	0.414434308	0.00078103	0.008995865
YGL02.2310.C1	8.15198885	0.667382763	-0.251218459	0.211708898	0.084642516	0.014624713	-0.317396728	8.85E-05	0.001950047
YGL02_GNYA1SO04IY70R	7.498710702	0.667337169	0.386860688	0.334749184	-0.237082194	-0.321086118	-0.396548457	0.005617979	0.036894166
YGL02.2204.C1	8.263334955	0.667307524	0.014932675	0.663773272	-0.132143069	-0.172125234	-0.750844033	0.004508523	0.031394521
YGL02_GNYA1SO04IGRVG	7.615796897	0.667285875	0.410786562	0.641077925	-0.045886273	-0.280464606	-0.572989467	0.000188185	0.003288286
YGL02.3247.C1	9.003949488	0.667254486	0.353376047	0.650968563	-0.060674743	-0.056885197	-0.326485537	1.91E-05	0.000672628
YGL02_GNYA1SO04IEZ56	7.289791095	0.667131592	0.109600006	0.106326037	-0.143504281	-0.250863625	-0.428074341	0.000897166	0.00993425
YGL02.23037.C1	2.785534722	0.667047221	-0.046148635	0.22858102	0.155733922	-0.008195643	-0.739607027	0.000701569	0.008324317
YGL02.2240.C1	11.31895772	0.667020163	0.294918879	0.409938961	-0.196915481	-0.163813793	-0.693203919	1.44E-05	0.000553247
YGL02_GNYA1SO04JV3Q5	7.013859961	0.666989807	-0.024578556	0.064402182	-0.123774473	-0.053281493	-0.536237865	0.000789348	0.0090675
YGL02_GNYA1SO04I34O4	11.25106631	0.666977887	0.370654743	0.946822988	0.067741438	-0.30443418	-0.866537958	9.34E-06	0.000415556
YGL02.7967.C1	6.752828074	0.66689064	-0.18247974	-0.710866282	0.239584938	0.243756898	0.40524249	0.00145271	0.013981622
YGL02.1859.C1	7.334061673	0.666659557	0.178792232	0.215215653	-0.331189737	-0.081815154	0.018688318	0.008496325	0.049563294
YGL02.5606.C1	5.147037596	0.666603714	-0.029415669	0.73330415	0.248292236	-0.139985858	-1.076572858	0.004210854	0.029888787
YGL02.10060.C1	4.863010917	0.66657307	0.050718732	0.498019819	-0.077418167	-0.24175306	-0.645401377	0.006140108	0.039281224
YGL02_GNYA1SO04JUTDU	8.12846027	0.666534887	0.12843541	0.388770224	-0.32671724	0.000754593	-0.190847105	0.000158633	0.002915008
YGL02.7177.C1	7.372167704	0.666339327	0.009605987	0.696710429	-0.009076926	-0.331477762	-0.586773253	9.49E-05	0.002048747
YGL02_GNYA1SO04ISNID	7.568394423	0.66615794	0.19622441	0.217627888	0.150819759	-0.194296768	-0.237397847	0.002085185	0.018058374
YGL02.20998.C1	6.740877986	0.66601056	0.652757418	0.835553845	-0.112500821	-0.51640603	-0.90880205	0.001366544	0.013367914
YGL02.2277.C1	5.961312631	0.66593392	0.290937887	0.586750496	0.360298984	-0.075418791	0.056984264	0.002629738	0.021326739
YGL02.10918.C1	8.603994416	0.665882714	-0.161170973	0.019674705	-0.073116398	-0.234963287	-0.719346632	0.002350208	0.019679719
YGL02.220.C1	8.077929689	0.665838976	0.262001596	0.626241072	0.289954201	-0.055493792	-0.41086923	0.000121514	0.002426859
YGL02.2549.C1	9.986193767	0.665662708	0.306354976	0.720296699	-0.119554982	-0.212997266	-0.445650853	8.50E-05	0.001892603
YGL02_GNYA1SO04I5TFH	10.49913032	0.665481842	-0.378011021	-0.383897445	-0.061785706	-0.282836929	-0.60527447	0.001151895	0.011843136
YGL02.1513.C2	9.36077347	0.665274307	0.34480469	0.877551078	0.113284759	-0.173884819	-0.768605555	0.000304521	0.004630135
YGL02.6398.C1	8.096485857	0.665257872	0.235049838	0.466806548	-0.013148427	-0.292307121	-0.321486426	4.42E-06	0.000256701
YGL02.1069.C1	7.625274027	0.665223537	0.042685002	0.151251033	-0.02584895	0.075921821	-0.246483041	0.000106344	0.002213691
YGL02_GNYA1SO04I3JK2	9.572721585	0.665105838	0.06946167	0.251082266	-0.101091985	-0.300410902	-0.8717379	0.000404155	0.005633715
YGL02.11157.C1	6.236247989	0.665088016	0.665997083	0.447849762	0.162102015	-0.75445078	-0.565065692	0.002207981	0.018813875
YGL02_GNYA1SO04H2ZJD	8.370745134	0.664704199	0.047545438	0.355436087	0.058221405	-0.248075981	-0.291018667	0.000535211	0.006852743
YGL02.6058.C1	6.156729786	0.664675439	0.674898433	1.430357298	0.267065681	-0.498493041	-0.926193507	0.00163082	0.015182435
YGL02.13614.C1	7.324833837	0.664647447	0.186245466	-0.35459223	0.187417328	-0.052565894	0.385240819	0.000399819	0.005590728
YGL02_GNYA1SO04JCRUZ	9.059168577	0.664269651	0.082980752	0.609506365	-0.050945817	-0.401279127	-0.997131674	0.00040623	0.005652299
YGL02.13918.C1	6.17273075	0.664245123	0.335082572	0.129970094	-0.088130583	-0.347073286	-0.589258344	0.007327762	0.044815292
YGL02.15031.C1	4.6638396	0.664091365	0.291160394	0.478271412	0.804376718	-0.043958526	-0.154489407	0.005382505	0.035750251
YGL02.742.C1	7.741120069	0.664049444	0.483840783	0.641040923	0.178461917	-0.164872944	-0.553244662	2.09E-06	0.000160018
YGL02.2251.C2	10.13868705	0.664027859	-0.379016924	-0.627066465	-0.359248991	-0.094923131	-0.729095866	0.00607708	0.039018636
YGL02_GNYA1SO04IKVOO	8.857730439	0.664006009	-0.180872354	0.273326313	0.297033039	-0.243708737	-0.570291378	0.000260672	0.004138846
YGL02.19257.C1	7.082577617	0.664002265	-0.04851629	0.215977805	-0.020275492	-0.144768378	-0.177210915	0.000129515	0.002535045
YGL02.14847.C1	6.422329174	0.663846858	-0.0530434	0.520724761	-0.125432299	0.276533787	-0.318978086	0.00609778	0.039109395
YGL02.5902.C1	7.449168372	0.663812571	0.224495209	0.442531177	0.149224634	-0.256580183	-0.42722312	5.61E-05	0.001408166
YGL02.10196.C1	8.347032289	0.662792939	-0.017520839	0.186132221	-0.362890686	-0.378825843	-0.454460946	3.47E-05	0.001018156
YGL02.11908.C2	7.163074557	0.662631894	0.431306078	1.045553177	-0.340446053	-0.015391008	-0.789939325	0.002668642	0.021551352
YGL02_GNYA1SO04JAXFI	7.578675637	0.662607793	-0.336026037	-0.738749106	-0.221277492	0.024381057	-0.030843743	0.007078908	0.043497185
YGL02.1963.C1	8.973052318	0.662290566	0.411918147	0.514234392	-0.006081268	-0.193235862	-0.677722022	2.04E-05	0.000704426
YGL02.15423.C1	8.443371851	0.662271683	0.036420052	0.293113292	0.035381111	0.01333699	-0.538828594	1.23E-06	0.000115223
YGL02.3544.C1	8.748121207	0.662170812	0.211301676	0.794082524	-0.330871546	-0.34883298	-0.471583548	0.000862132	0.009650294
YGL02_GNYA1SO04IT351	6.969482286	0.662156425	0.318573285	0.358981274	0.019284793	-0.575947157	-0.878239973	0.00530281	0.035375148
YGL02.7310.C1	8.896749651	0.661944005	0.109479317	0.204317651	-0.102899079	-0.129102042	-0.36343305	2.20E-05	0.000741624
YGL02.11839.C2	6.595495329	0.661896767	-0.065571513	0.158595443	0.136944057	0.052638295	-0.447835325	9.45E-05	0.002042689
YGL02.16272.C2	8.452314004	0.66133249	0.513851753	0.995929307	-0.360508219	-0.352072189	-0.732294858	0.000920195	0.010113154
YGL02.7096.C1	9.299942247	0.661239869	0.358901032	0.571452421	-0.158493725	-0.288714857	-0.349764107	3.03E-05	0.000927748
YGL02.3993.C1	7.171594563	0.66123985	0.464267144	0.492192706	-0.181789681	-0.233498403	-0.000503224	0.000485019	0.006390813
YGL02.19626.C1	7.66420406	0.661179591	0.375642483	0.274006969	-0.02324036	-0.482605523	-0.335628026	0.000317234	0.00476044
YGL02.6992.C1	6.813404914	0.661163849	0.115595819	0.277525001	-0.150260878	-0.230063909	0.011728961	0.004865856	0.033221733
YGL02.18311.C1	6.31265185	0.660976181	0.087241135	0.364515262	0.51757823	-0.279399372	-0.733115102	0.000808971	0.00923077
YGL02.9909.C1	8.717668853	0.660955411	0.641358655	0.780018511	-0.29174118	-0.236140455	-0.400139459	7.94E-05	0.001802796
YGL02_GNYA1SO04IRLEK	9.940659368	0.660906193	-0.222095443	0.282613302	-0.039575605	-0.052337401	-0.333262757	4.44E-06	0.000257539
YGL02.7902.C1	5.997243583	0.660676399	0.00580962	1.024024617	0.013252513	-0.149058411	-0.527446085	0.000255021	0.004070116
YGL02.8436.C1	8.501860063	0.66063632	-0.444056259	0.401678786	-0.418595226	-0.026223398	-0.388995584	0.000123782	0.002461323
YGL02.17307.C1	8.305369629	0.660488042	0.275650363	0.246145371	0.106447946	-0.126086483	0.061726149	2.07E-05	0.000712582
YGL02_GNYA1SO04H142O	8.997918512	0.660361021	0.279752434	0.445996891	-0.049445086	-0.141178748	-0.568986359	3.45E-05	0.001014084
YGL02.9153.C1	7.126728909	0.660267398	0.635561303	0.120943663	0.120505046	-0.384764586	-0.091803373	0.000102623	0.002160884
YGL02.14596.C1	7.22044239	0.659749222	-0.086641659	0.27505145	-0.112112046	-0.261444665	-0.690605509	0.001341721	0.013195865
YGL02_GNYA1SO04JS20R	6.359250313	0.659730247	0.090483603	-0.110545932	-0.020052653	0.15628945	0.736341859	0.001159335	0.011891595
YGL02_GNYA1SO04JC8V4	9.671611183	0.659663245	-0.157858995	0.016989409	-0.305486654	-0.102431306	-0.332540902	8.85E-05	0.001950047
YGL02.19551.C1	7.216968316	0.659534602	0.049381583	-0.046759985	0.101827994	-0.169968844	-0.246623977	0.000182195	0.003208074
YGL02.21347.C1	5.538524589	0.659297502	0.119857394	0.197543481	-0.101753633	-0.340313536	-0.30161777	0.003468042	0.025974773
YGL02.6389.C1	6.8162252	0.659236064	0.521782115	0.806836191	0.030215555	-0.437399251	-1.08116229	0.000158614	0.002915008
YGL02.5302.C1	8.082901857	0.659152841	0.296696008	0.428558127	-0.064125071	-0.262828922	-0.149270301	0.000171587	0.003082895
YGL02_GNYA1SO04IQ94B	9.987109181	0.659118399	0.154890799	0.553349406	0.161089194	-0.116373789	-0.62677214	9.04E-05	0.001980945
YGL02.8237.C1	9.929386856	0.659096849	0.056404477	0.328427395	0.113896437	-0.148131339	-0.285030063	0.000221345	0.003689965
YGL02.4024.C1	9.649527546	0.659091425	0.128640405	-0.161986884	-0.036210826	-0.05200774	0.178336225	0.000564255	0.00712459
YGL02.1824.C1	7.219220161	0.659081744	-0.249997903	0.033760311	0.28997133	-0.276468734	-0.469353617	0.001932259	0.017137794
YGL02.76.C1	5.523616535	0.658995582	0.319465149	0.564030471	-0.095159278	-0.562131984	-0.486772529	0.003227367	0.02469931
YGL02_GNYA1SO04JP43K	2.737925036	0.658927458	0.059256109	-0.011393963	0.165776597	-0.646173248	-0.573133658	0.001460814	0.014037349
YGL02.21421.C1	6.729311431	0.658924726	0.18881497	0.531901977	-0.05908152	-0.147312479	-0.63894429	0.000325217	0.004841902
YGL02.2680.C1	6.768039663	0.658689328	0.228858665	0.188714228	0.088850264	-0.413499112	-0.250225237	0.000932495	0.010204165
YGL02.1777.C1	9.098507954	0.658160586	0.081445862	0.31731375	0.042087948	-0.108325647	-0.266176813	5.26E-05	0.001347404
YGL02.16269.C1	10.22910919	0.658106328	0.001438485	0.204965463	-0.141863698	-0.023867763	-0.124809047	1.90E-05	0.000669814

YGL02.6544.C1	5.701726394	0.657971344	0.161581446	0.355001955	0.032042889	-0.303070341	-0.602998544	0.003158002	0.024320805
YGL02.16843.C1	5.585731783	0.657898414	0.262196791	0.396795406	-0.018271186	-0.154730315	-0.519938944	0.00289411	0.022853892
YGL02_GNYA1SO04H8YF0	8.408687598	0.657873429	0.7183593	0.465949423	-0.432103103	-0.650582795	-0.638281907	0.000834987	0.009439459
YGL02_GNYA1SO04IPBUC	14.59158809	0.657712622	0.209955089	0.508662194	0.202431081	-0.110472705	-0.379709637	0.001970208	0.017379947
YGL02_GNYA1SO04IMJD6	7.993812988	0.65755297	0.044389147	0.583583397	-0.094524085	-0.198738685	-0.572344765	0.003366416	0.025437361
YGL02.5322.C1	7.053294353	0.657543476	-0.130480205	0.25645097	0.160713512	-0.092553231	-0.320646445	0.002242783	0.019034963
YGL02.10798.C1	7.52384829	0.65736105	-0.267104702	0.313664515	-0.096687666	0.159531654	-0.223126072	0.000337258	0.004967348
YGL02.8708.C1	4.794937523	0.657350311	0.173989612	0.676582274	0.296525623	-0.399079225	-0.274073735	0.006897981	0.042648533
YGL02.5810.C1	10.70556576	0.657245071	0.166758905	0.115573232	0.173276033	0.050332105	-0.024823008	6.82E-06	0.000338943
YGL02_GNYA1SO04JA8SZ	7.609839454	0.657240006	-0.042597088	0.533912474	-0.2003296	-0.307366033	-0.534298712	0.00352209	0.026274581
YGL02.18666.C1	7.21187188	0.657123638	-0.171152257	0.583725817	-0.192959407	-0.34789358	-0.84500163	0.002587234	0.021075747
YGL02.1936.C3	14.18634114	0.657036733	-0.098457054	0.016526779	0.34149656	-0.191543725	-0.468171729	6.75E-06	0.000337172
YGL02_GNYA1SO04ILRX6	12.1349898	0.656822568	-0.16198203	-0.051136327	0.011103917	0.09344268	-0.116794915	4.33E-05	0.001180863
YGL02.11018.C1	6.865978552	0.65676349	0.339342546	0.270801835	0.351101377	-0.503947959	-0.179819434	0.002073152	0.01798664
YGL02_GNYA1SO04JWKHN	7.728868609	0.656732064	0.536601198	1.298943628	0.101313244	-0.349749634	-0.571663509	0.007377034	0.044833927
YGL02_GNYA1SO04IU606	6.614254535	0.656660609	-0.239108764	-0.484899763	0.535075815	0.192662812	-0.192345642	0.004868684	0.033228837
YGL02_GNYA1SO04IY7P4	8.081102376	0.656638318	0.346331511	0.77696455	-0.48185899	-0.183526756	-0.671847899	0.001687357	0.01555778
YGL02.3326.C2	8.820174782	0.656634877	0.085597028	0.372078784	0.088030134	-0.077646453	-0.240956362	3.04E-05	0.000929213
YGL02.4798.C1	8.146889661	0.656389369	0.296892623	0.495700597	-0.105455006	-0.225550561	-0.56261265	1.06E-05	0.000451085
YGL02.14405.C1	6.585211042	0.656382227	0.566899377	0.80615839	-0.35124787	-0.176027412	-0.44131969	0.00123445	0.012434547
YGL02.16297.C1	5.9756576	0.65630261	0.513144677	0.171166182	0.07322004	-0.321665786	-0.404175786	0.00010104	0.002140367
YGL02.1701.C1	11.08254603	0.656289545	0.084474803	-0.031487052	0.071224898	-0.111662754	-0.262126016	8.55E-05	0.001900552
YGL02.11518.C1	7.220070669	0.656249788	-0.357434894	-0.001613959	-0.287580763	0.069516831	-0.374324689	0.00104913	0.011087904
YGL02.13431.C1	7.624653976	0.656086669	-0.275732615	0.536099547	0.044837675	0.130866255	-0.533310303	8.54E-06	0.000392399
YGL02.11918.C1	11.7568666	0.655966167	0.249020476	0.650608066	0.103685639	-0.240980152	-0.514936309	6.87E-06	0.000340468
YGL02_GNYA1SO04JXL6R	7.884413482	0.655715683	-0.110122957	1.014473072	-0.144486413	0.109186408	-0.822871119	0.008428694	0.049271253
YGL02_GNYA1SO04JVWV9	7.399737249	0.655706873	0.00484165	0.224160775	-0.04490967	0.352758498	-0.077096632	7.35E-05	0.001706418
YGL02.21442.C1	7.973012845	0.655665579	0.243859359	0.214958265	-0.061171063	-0.092942654	-0.396125514	2.36E-05	0.000775013
YGL02.21059.C1	3.863390831	0.655659255	0.134130896	-0.020321883	-0.087622438	-0.194114103	-0.569343644	0.000148092	0.002785423
YGL02.5889.C1	9.859882214	0.655651581	-0.02858559	0.247082999	0.234046625	0.032454635	-0.215525555	0.001828112	0.016480293
YGL02.748.C1	8.796209803	0.655623296	0.106447461	0.002603599	-0.241725256	-0.312511402	-0.532357337	0.000150695	0.002818404
YGL02_GNYA1SO04JAGN8	7.55830566	0.655428293	0.156577798	0.226501133	-0.515734048	0.059331136	0.122507766	0.006738578	0.041967542
YGL02.5791.C1	9.994815769	0.6553785	-0.083078522	0.408712535	-0.010254545	-0.415632606	-1.084372977	0.000317639	0.004764687
YGL02.19256.C1	6.314927846	0.655342469	0.071550566	0.017613706	-0.055157258	-0.015692767	-0.005926638	0.00087906	0.009786487
YGL02_GNYA1SO04ISX0C	12.25775606	0.655250194	-0.097139115	-0.013021643	-0.061809487	-0.47294606	-0.685453121	0.005730916	0.037427055
YGL02_GNYA1SO04JL2T9	8.205415904	0.655219892	-0.399360726	0.023016428	0.190042206	0.068581604	-0.114790898	0.002653115	0.021465235
YGL02.1401.C1	7.16062226	0.655176222	-0.073263835	0.187837305	-0.205525967	0.080350606	-0.520775679	0.004240528	0.030033863
YGL02.4372.C1	9.266143471	0.655161029	0.025724099	-0.055940304	-0.069122349	-0.139541389	-0.148138281	4.29E-05	0.001175586
YGL02.8457.C1	10.9055583	0.655103754	-0.095448365	0.528162191	-0.473017779	-0.11555706	-0.470235796	0.00032538	0.004842941
YGL02.13646.C1	6.920979583	0.655059011	0.365492087	0.530330442	-0.189865072	-0.047673506	0.252588568	0.000118065	0.002375574
YGL02_GNYA1SO04IDYC7	6.26156827	0.654919302	0.247254811	0.701319885	-0.170395583	-0.148048053	-0.389136201	0.000694458	0.008264933
YGL02.20131.C1	7.337981655	0.654768543	0.128112585	0.544884512	-0.158322259	-0.464851044	-0.539915041	7.54E-06	0.00036251
YGL02.12758.C1	9.28049101	0.654623314	0.068241703	0.039044919	0.314349599	-0.093756136	-0.392030321	2.68E-05	0.000847219
YGL02.5125.C1	8.913088375	0.654287938	-0.024079492	-0.045676486	-0.047801278	-0.160304043	-0.118310681	2.10E-05	0.00072081
YGL02.19088.C1	8.259434654	0.65425116	-0.103339132	0.498806169	0.111671759	-0.280741012	-0.480836748	2.29E-05	0.000761605
YGL02.16723.C1	5.300728496	0.654233418	0.217174771	0.324289806	0.623464891	-0.577538742	-0.141867727	0.004235493	0.030016227
YGL02_GNYA1SO04JFJ4U	9.333029294	0.654224485	0.102272213	0.281061433	-0.210385276	-0.201298505	-0.803692371	0.000856656	0.009610598
YGL02_GNYA1SO04JYL0H	10.95867457	0.654129688	-0.088087504	0.567296443	-0.495704887	-0.089768968	-0.446650317	6.18E-05	0.001503948
YGL02_GNYA1SO04IZ66A	8.55333158	0.654012799	0.215276399	0.285490647	-0.088810854	-0.034524214	-0.253842134	0.005261163	0.035180684
YGL02.7581.C1	5.599547401	0.653901318	-0.242777582	0.700663151	0.391412318	-0.108947674	-0.65910256	0.007092302	0.043554756
YGL02.1941.C1	9.233694125	0.653685003	-0.011803161	0.05703388	0.032025799	-0.209032538	-0.305396512	0.00052462	0.00675118
YGL02.16942.C1	8.15716949	0.653576127	-0.251178649	0.385958743	0.00919973	-0.250030653	-0.494980757	3.43E-05	0.001010809
YGL02_GNYA1SO04IY7N5	8.992635151	0.653558157	-0.050637294	0.300927187	-0.29731789	-0.22367039	-0.432140198	0.000893152	0.009899956
YGL02.17899.C1	6.363509445	0.653461843	0.459910793	0.231025536	-0.534048292	-0.252919351	-0.110965311	0.001479267	0.014158365
YGL02.7396.C1	11.88341838	0.653192522	0.203426359	0.494356598	-0.169912417	-0.01545154	-0.236380689	4.51E-06	0.000259231
YGL02_GNYA1SO04JU24O	6.314852034	0.653069188	0.239768466	0.402838468	-0.471177219	-0.106314408	-0.197779709	0.004062412	0.029124276
YGL02_GNYA1SO04I99EE	6.159181068	0.65301843	0.29992036	0.904919647	0.316487108	-0.280760956	-0.597258667	0.007912569	0.04712397
YGL02.7095.C1	7.228425644	0.65284169	-0.052191141	0.060221832	0.049874163	0.030484022	-0.193292082	0.008020672	0.047605623
YGL02_GNYA1SO04IVMWD	8.595961256	0.652762227	-0.379103189	0.364051301	0.092892595	-0.101952163	-0.390015704	0.00048933	0.006427345
YGL02_GNYA1SO04JO96F	11.55447952	0.652681607	0.054781281	0.260935574	-0.033540677	-0.130220493	-0.396768332	2.47E-06	0.00017701
YGL02_GNYA1SO04JFBL9	8.613292945	0.65249297	-0.064389034	-0.073451103	-0.052554276	-0.152150498	-0.147135122	1.97E-05	0.000686204
YGL02_GNYA1SO04IPD2M	6.472738626	0.652488446	-0.318876694	-0.186528754	-0.42400124	0.28901958	0.263000203	0.006830158	0.042356602
YGL02_GNYA1SO04JWHTZ	6.434229855	0.652209541	0.27685156	0.322355866	-0.091491542	-0.011583458	-0.216608655	0.001343883	0.013209097
YGL02_GNYA1SO04I700K	11.88430307	0.652145982	0.240043163	0.635395877	0.105669856	-0.272457351	-0.546312827	0.000267947	0.004220204
YGL02.1513.C3	9.472325505	0.651971493	0.27779785	0.813940823	-0.105440948	-0.182495417	-0.828001677	0.000169223	0.003051674
YGL02_GNYA1SO04H02SZ	6.58359112	0.651865399	0.433908018	0.99573999	-0.247682799	-0.298436468	-0.658270265	0.000586661	0.007317603
YGL02_GNYA1SO04IO89O	7.170351187	0.651359561	0.22223501	1.034304117	-0.189576143	-0.46926686	-0.562361666	0.000817541	0.009300693
YGL02.9954.C1	6.300898735	0.651244481	0.247497435	0.37001776	-0.32313794	-0.587915739	-0.674548588	0.001169928	0.011978843
YGL02.4789.C1	9.153929966	0.650968607	-0.014151962	0.35233847	-0.08892534	-0.066672648	-0.250145421	2.93E-05	0.000906299
YGL02_GNYA1SO04I83TD	12.04211409	0.650907201	-0.51069457	-0.5134657	0.09806354	0.121946174	-0.078888503	0.000633173	0.007735338
YGL02.2679.C1	7.807836752	0.650703404	0.149681791	-0.08107684	0.060104254	-0.211472533	-0.200403917	0.000559405	0.007079228
YGL02_GNYA1SO04I8MYO	12.23289939	0.650664632	0.310314906	0.982089431	-0.100169129	-0.235786256	-0.595638458	7.10E-06	0.000347871
YGL02.7829.C1	8.546256291	0.650582784	-0.067486827	0.282098772	0.273786074	-0.175931391	-0.228035004	0.000134951	0.002609892
YGL02_GNYA1SO04IYB5N	9.815975705	0.650519363	0.168739832	0.79421735	0.063765788	-0.091056678	-0.567143394	0.000554315	0.007034054
YGL02.21199.C1	6.698206199	0.650454163	0.830903756	1.183462704	-0.337622927	-0.1058103	-0.562724246	0.000424023	0.005819831
YGL02.4249.C1	6.887698807	0.650445061	0.181505793	0.12085457	0.472834294	-0.137605337	-0.421989915	4.65E-05	0.001241384
YGL02.14754.C1	9.010503165	0.650389058	0.34685703	0.502082585	0.214522592	-0.151920319	-0.382421083	5.32E-05	0.001359162
YGL02.1051.C2	10.4263345	0.650205955	-0.012814462	0.042102322	-0.013228777	-0.15101653	-0.195507727	9.60E-07	9.83E-05
YGL02.23071.C1	6.221270642	0.649923175	0.08345056	0.165821196	0.577554033	0.057024885	-0.342779826	0.004761683	0.032703661
YGL02_GNYA1SO04IE0MX	6.126067109	0.649806254	0.625728559	0.597520024	0.151172592	-0.181947817	-0.401539082	0.00174437	0.0159427
YGL02_GNYA1SO04I5VCB	11.49097404	0.64954432	-0.060264482	0.178587697	0.007067967	0.028629058	-0.222563374	7.69E-05	0.001761574
YGL02.18244.C1	6.60150574	0.649506173	0.435592508	0.40230342	-0.360922348	-0.200829603	-0.124435713	0.003358728	0.025405836
YGL02.1396.C5	7.535940492	0.649481323	-0.243372277	0.429999068	-0.284403192	-0.128214224	-0.52384352	0.001688359	0.015563548
YGL02.15794.C2	8.574236937	0.649253329	0.164712786	0.810274838	-0.126276806	-0.31568637	-0.512726597	0.000160712	0.002941197
YGL02.13947.C1	3.085159745	0.6490633	-0.315012236	-0.21368406	0.085863869	0.380678905	-0.491799965	0.006853005	0.042447469
YGL02_GNYA1SO04IPIUE	10.7336016	0.648982429	-0.199515097	0.283157763	0.140660478	-0.198508837	-0.773228848	0.000117864	0.002372996
YGL02.4783.C1	6.780205216	0.648980262	-0.39168098	-0.224343475	0.124008806	-0.088747935	-0.249809961	5.55E-05	0.001399347
YGL02_GNYA1SO04JQXC5	10.35358928	0.64895517	0.081959626	0.533203224	-0.1229347	-0.210599381	-0.46596683	4.97E-06	0.000276628
YGL02_GNYA1SO04JEPAO	5.505949872	0.648800298	0.255854289	0.729185315	-0.192988741	-0.256968913	-0.625706245	0.000669281	0.008050386
YGL02.11308.C1	8.785011716	0.648564306	0.28812011	0.965390568	0.10968413	-0.329189245	-0.912397851	9.59E-06	0.000422537

YGL02.19951.C1	5.466921276	0.648553721	0.27805285	0.162983417	0.22343945	-0.228325441	-0.254744308	2.79E-05	0.000872274
YGL02.14461.C1	10.76737415	0.648492745	-0.009831403	-0.249646344	-0.047741705	-0.321534656	-0.260366168	4.71E-05	0.001252734
YGL02.4039.C1	6.633441709	0.648440364	-0.41144813	-0.129758717	0.044639579	-0.085440467	-0.013771209	0.000376039	0.005354769
YGL02_GNYA1SO04JU8P3	7.496824119	0.648438179	-0.028128888	0.053842165	0.125480373	-0.121284942	-0.313717172	0.005251217	0.035137764
YGL02.8770.C1	8.612398601	0.648426091	0.026533989	0.374288743	-0.0509611	-0.001362029	-0.615894509	3.97E-06	0.000239719
YGL02.2570.C2	6.923863111	0.64833163	0.055514927	0.473826431	-0.228671687	0.045623184	-0.453647401	0.000591553	0.007360891
YGL02.3100.C1	9.835623533	0.648327585	0.429640523	0.549793691	0.086471683	-0.371256426	-0.482336269	7.57E-05	0.00174095
YGL02.21579.C1	5.689323717	0.64827368	0.186654412	0.360346987	0.409860065	-0.274113791	-0.342945535	7.95E-05	0.001803525
YGL02.11058.C1	7.73109923	0.648055836	0.280746352	0.522995513	-0.301809576	-0.117705602	-0.356315441	0.00033568	0.004950445
YGL02_GNYA1SO04H68BW	10.64109863	0.647948869	-0.414917878	-0.449169951	-0.142951056	-0.371573997	-0.576115511	0.002639379	0.021386176
YGL02.20614.C1	9.927293145	0.64783598	0.145998888	0.50250039	-0.027872816	-0.23752965	-0.604221564	4.69E-06	0.000266095
YGL02_GNYA1SO04JF7RG	7.796857485	0.647820581	0.341504097	0.453228458	0.13024642	-0.13357782	-0.212604617	0.00019829	0.003410559
YGL02.23139.C1	4.268379834	0.647796061	0.045714679	0.11046587	0.149067919	-0.331815373	-0.544437766	0.001814821	0.016396804
YGL02.8608.C1	7.447746637	0.647514345	0.108246959	0.556212265	-0.258364576	-0.143313225	-0.395595847	5.52E-05	0.001394036
YGL02_GNYA1SO04JEKRB	6.020378142	0.647367052	0.059293042	0.599629669	0.538235653	-0.484551537	-0.83461709	0.003363242	0.02542216
YGL02.10630.C3	7.585082464	0.647320653	0.438595262	0.712360051	-0.09988357	0.08867775	-0.401992337	0.001019306	0.01085509
YGL02.17773.C1	6.859606361	0.647091285	0.113370348	0.107920497	0.121979074	-0.217370087	-0.087512039	0.000538611	0.00688879
YGL02.4548.C1	7.1415748	0.646867514	0.00969331	0.874947775	0.253573844	-0.25134756	-0.504729678	0.002105408	0.018181228
YGL02.18055.C1	4.072028197	0.646622352	0.325498737	0.426105082	0.17254456	0.025281774	-0.322240344	0.007408616	0.04495781
YGL02.20106.C1	8.561657926	0.646532471	0.024525161	-0.115863959	-0.285318988	-0.114553712	-0.158030719	0.000256334	0.004085998
YGL02.15286.C1	3.640086375	0.64622558	-0.049663015	0.254470107	0.197197911	-0.2338234	-0.211839989	0.000207983	0.003520704
YGL02_GNYA1SO04ILYHW	7.41034467	0.645817146	-0.451652333	0.123346819	-0.397678733	-0.193640031	-0.362338052	0.003226229	0.024692056
YGL02_GNYA1SO04ITNZV	8.602893256	0.645770525	0.243398645	0.311894835	-0.16386757	-0.020016783	-0.597735459	0.000112001	0.002294548
YGL02_GNYA1SO04H1UAM	7.598726902	0.645691636	0.35349015	0.732577636	-0.102637462	0.122667619	-0.450373954	0.004707899	0.032435762
YGL02_GNYA1SO04JXNNA	7.5602696	0.645586076	0.55395303	0.377825651	-0.1994376	-0.223235188	-0.557624421	0.000352912	0.005122265
YGL02.6218.C1	8.153189853	0.645442061	0.178676676	0.136118985	-0.16412782	-0.075662505	0.079622762	2.10E-05	0.000720098
YGL02_GNYA1SO04ICXKL	11.72319293	0.645118592	-0.030488373	0.205900312	0.019051936	-0.049975877	-0.320045009	2.15E-06	0.000163037
YGL02.14838.C1	9.284169086	0.645117074	0.060636058	0.374117531	0.075614211	-0.171410499	-0.122640081	0.000140844	0.002688419
YGL02_GNYA1SO04JCUFD	7.649437656	0.644943772	-0.139826434	0.176758114	0.16407075	0.0114603	-0.723539197	0.000841405	0.009486338
YGL02_GNYA1SO04IQ4JL	6.180943059	0.644909327	0.325996889	1.07351751	0.135706407	-0.048930525	-0.604017869	0.004897099	0.033389331
YGL02.15361.C1	8.21924283	0.644898859	0.189879515	0.542114404	0.216531635	-0.405666259	-0.43187808	0.000151264	0.002824663
YGL02.10809.C1	7.402943125	0.644818672	-0.064466339	-0.145420875	0.117755074	-0.071828577	0.267396045	0.003321082	0.025196136
YGL02_GNYA1SO04JQLYZ	8.456703314	0.644721238	0.447121638	0.998182585	-0.339405748	-0.305527782	-0.809028971	0.000215909	0.003621725
YGL02.3987.C1	5.648132965	0.644651219	0.40096942	0.764174537	0.094616204	-0.268446757	-0.408263268	0.00121254	0.012286487
YGL02.10478.C1	10.59175925	0.644496521	0.219433494	0.60702422	0.045753785	-0.11239202	-0.217056599	3.51E-05	0.001027579
YGL02.8843.C1	7.299732227	0.644387893	0.002574698	0.123321307	-0.111939959	-0.02138583	-0.590519171	0.000632976	0.00773366
YGL02.8948.C2	12.0038665	0.64428358	0.303183057	0.737679839	0.176560527	-0.323319055	-0.51697533	0.000102593	0.002160609
YGL02.10954.C1	9.200544052	0.644145687	0.031426452	0.338523587	0.424791708	-0.166743444	-0.306211212	0.001863496	0.016695634
YGL02.7492.C2	6.004068104	0.643751683	0.456608429	0.689836978	0.063681591	-0.25112666	-0.1459638	0.000276638	0.004319793
YGL02.16131.C1	6.593789387	0.643687	-0.342774944	0.235011328	-0.03977515	0.068905627	-0.355308195	0.008036541	0.047671408
YGL02.17682.C1	7.282713236	0.643309393	0.070963379	0.233682486	0.081284503	-0.173308016	-0.425485298	3.36E-05	0.000995049
YGL02_GNYA1SO04IPJST	6.291149011	0.643195456	-0.333948825	-0.144410279	-0.143541105	-0.201296129	-0.611256394	0.002127999	0.018312812
YGL02.19736.C1	7.217149544	0.642903307	0.006689565	0.083287005	-0.081659801	-0.008140074	-0.417430186	0.007689018	0.046196115
YGL02.5779.C1	10.93452906	0.642865494	0.156031288	0.959285104	-0.056879697	-0.187018759	-0.874661031	1.96E-05	0.000684131
YGL02.22000.C1	5.890040706	0.6428054	0.567527665	0.959897721	0.382367333	-0.508105877	-0.62751936	0.000814253	0.009273874
YGL02_GNYA1SO04I0FQO	8.786524391	0.642768708	0.457717019	0.614000334	0.035131086	-0.303459547	-0.557532273	5.86E-05	0.001454936
YGL02.22094.C1	7.058485517	0.642766745	0.012031214	0.194460319	-0.16286382	-0.226349592	-0.180117098	0.000273422	0.004283524
YGL02.9496.C1	3.023418272	0.642708583	0.016746145	0.111746746	-0.262058989	0.18761897	-0.659388688	0.001813432	0.016385394
YGL02.14301.C1	8.215975003	0.642657301	-0.05612361	0.110341877	-0.049590783	0.041962294	-0.065659154	3.65E-06	0.000227334
YGL02_GNYA1SO04I01C5	8.241295986	0.642342322	0.022209172	0.473829637	-0.146942586	0.097867914	-0.586872148	2.66E-05	0.000842699
YGL02.9166.C1	8.636646841	0.642336178	0.292056165	0.409425593	0.100422491	-0.288701907	-0.465620488	1.27E-05	0.000504165
YGL02_GNYA1SO04JF9ZI	7.537725885	0.642270992	-0.676766751	-0.880049842	0.257066583	0.016170774	-0.546552273	0.001632083	0.015188731
YGL02.22488.C1	5.515657184	0.642201767	0.310706043	0.201995415	0.010045658	-0.09678443	-0.092548942	4.82E-05	0.001271672
YGL02.21133.C1	5.14206645	0.642117961	0.158366529	0.374217065	0.034398389	0.391670584	-0.470429663	0.003351967	0.025363583
YGL02_GNYA1SO04IXYKL	6.442709436	0.641968589	-0.031830424	-0.622687109	0.234102959	-0.702214065	-0.303273151	0.008201101	0.04834417
YGL02_GNYA1SO04JTZDJ	6.258172315	0.641961979	-0.045557665	0.5939032	-0.013328627	-0.059219257	-0.894570452	0.002120661	0.018267874
YGL02.18179.C1	6.965704903	0.641845364	1.00028915	1.230695186	-0.279440245	-0.545136864	-0.695242317	0.000686406	0.008196227
YGL02.3096.C1	7.401487055	0.641775377	0.592127308	0.611814202	0.389086524	-0.356005793	-0.81730994	0.000154841	0.002869839
YGL02.14007.C1	10.38752313	0.64176982	0.120988337	0.563231168	0.021537728	-0.139684087	-0.624329168	2.20E-05	0.000741351
YGL02_GNYA1SO04H4AKL	8.458022176	0.641625308	-0.02195338	0.378810698	-0.00398395	-0.094196391	-0.367678213	0.000764459	0.008869799
YGL02_GNYA1SO04IN6TU	11.17616412	0.641532088	-0.064033467	0.403070979	0.202703112	-0.075734196	-0.727156464	0.000126264	0.002488337
YGL02.16448.C1	8.87804453	0.641525633	-0.303371296	-0.103026576	0.183446209	-0.089618028	-0.328760948	0.001649724	0.015305606
YGL02.14821.C1	9.155111067	0.641523624	0.197702509	-0.221682191	0.008294383	-0.325213593	-0.439909866	1.89E-06	0.000150888
YGL02.15126.C1	8.295835969	0.641347963	0.174113906	0.32772391	0.412987808	-0.339105847	-0.767231173	0.007891134	0.047043762
YGL02.2437.C1	6.985540259	0.641343288	-0.160073181	0.040057123	-0.275746151	-0.203592531	-0.367993377	0.002850217	0.022619004
YGL02.4927.C1	9.992827736	0.641312824	-0.041384992	-0.017831466	0.140546696	-0.165154659	-0.314411103	4.62E-05	0.001236293
YGL02_GNYA1SO04JJGND	8.454759263	0.641290327	-0.079174795	0.060982767	-0.217083289	-0.084137537	-0.040304427	0.001605831	0.015012461
YGL02.4104.C1	6.00432605	0.641272866	-0.041868168	0.265724502	-0.173800034	-0.161998084	-0.52147557	0.007825185	0.046797099
YGL02.1660.C3	9.075124445	0.6412615	-0.195137923	0.240264172	0.143973529	0.057758526	-0.29155935	0.000114639	0.002330304
YGL02.19220.C1	11.79409269	0.641226245	0.198320319	0.642639438	0.130994998	-0.295437393	-0.538332693	1.50E-05	0.0005666
YGL02.10447.C1	7.072193065	0.641120005	0.172917121	0.157086486	-0.12378335	-0.305272062	-0.401097724	0.000641157	0.007804162
YGL02_GNYA1SO04IPRSS	8.575871623	0.641071653	0.241412742	0.156315889	0.063219328	-0.045237468	-0.332674528	0.006060636	0.038936306
YGL02.2305.C1	9.425827443	0.640980224	-0.026513228	-0.228324029	-0.096845272	-0.115050277	-0.166465977	7.73E-06	0.000367884
YGL02_GNYA1SO04H7K9Y	6.210601339	0.640895535	0.185307085	0.482937286	0.212162308	-0.20770235	-0.351999335	0.00186194	0.016687462
YGL02.16264.C1	8.187307785	0.640874575	-0.41972649	0.395292849	-0.156004101	0.375927669	-0.005019655	0.000375995	0.005354732
YGL02_GNYA1SO04JKSM3	9.59614028	0.64063194	-0.018683968	0.247432003	0.063431067	-0.134011082	-0.387278452	0.000110776	0.002279552
YGL02.1052.C1	6.567586039	0.640565587	0.196053966	-0.202282913	0.026841498	0.205619539	-0.033379161	0.002024768	0.017702065
YGL02.5985.C1	7.246105378	0.640340931	-0.453864291	-0.243242336	0.032856665	-0.567021924	-0.848479342	0.000539608	0.006898805
YGL02.13367.C1	8.480111524	0.640141792	0.069290997	0.655347187	-0.341535869	0.020420487	-0.148084143	0.001262323	0.012630817
YGL02_GNYA1SO04I9Y43	5.512053852	0.639948743	0.246877253	0.283973688	0.119518015	-0.485251034	0.139971998	0.000175289	0.003126384
YGL02_GNYA1SO04IJQHE	6.788866824	0.639796656	0.67636583	1.445765975	-0.27804932	-0.117079866	-1.405982768	0.002652224	0.02145937
YGL02.5278.C1	10.3037175	0.639560918	-0.03578986	0.154710633	0.039813187	-0.282994268	-0.098621006	0.000368642	0.005280785
YGL02.16066.C1	6.677628289	0.639124127	0.155305184	0.142514075	-0.063793769	-0.291378017	-0.414257481	0.00296091	0.023197494
YGL02.7027.C1	5.805288484	0.639101331	0.028240704	0.555455826	0.429560092	-0.426579228	-0.421929904	0.000862267	0.009650973
YGL02.530.C1	7.535915577	0.638779388	-0.453146247	-0.104546365	-0.166583466	0.032480562	-0.266400628	0.000603682	0.007465769
YGL02.2595.C1	8.830497443	0.638691177	0.081477045	0.268429394	-0.328106278	-0.054164392	-0.155618849	1.51E-05	0.000570458
YGL02.16106.C1	5.1948811	0.638651134	0.517150944	0.507466448	-0.398847236	-0.098214929	-0.152975375	0.000861909	0.009648626
YGL02.3049.C1	7.690092619	0.638545874	-0.212153905	-0.023014475	-0.302025049	-0.171794371	-0.515601948	0.003559374	0.026478969
YGL02.10847.C1	9.069569244	0.638354435	0.050110886	0.026675862	-0.219865574	-0.074432778	-0.134656995	4.64E-05	0.001239964
YGL02.388.C1	9.541935043	0.638324155	0.023474048	0.354779426	0.139002609	0.003753379	-0.247403213	0.000134228	0.00259941

YGL02.22395.C1	10.88707515	0.638186561	0.188480958	0.500967781	0.051021402	-0.006079047	-0.385774055	5.14E-05	0.001326261
YGL02_GNYA1SO04H52D9	6.506344516	0.638184009	-0.185298096	0.001127493	-0.082620142	-0.017000567	-0.282091325	0.007728052	0.046357505
YGL02.6085.C1	9.571055299	0.638172952	-0.085016097	0.168345241	-0.080566296	0.087309767	0.012053152	5.48E-05	0.001387863
YGL02_GNYA1SO04JV9FL	10.55056173	0.638066562	-0.375737169	-0.358659994	-0.022826016	-0.337908749	-0.572245595	0.005717598	0.037383444
YGL02.20701.C1	4.860460534	0.637852254	0.249982933	0.150237509	-0.160951678	-0.484745986	-0.361004718	0.008238187	0.048487738
YGL02.12511.C1	9.540248374	0.637817894	0.184559713	0.239120562	-0.113625839	-0.276185182	-0.843007521	0.000379029	0.005383575
YGL02.1559.C1	8.092576943	0.637793562	0.111533528	-0.11517869	0.170651536	-0.431726745	-0.440686326	0.001856502	0.016652101
YGL02.15809.C1	11.18971633	0.637734507	0.456282091	0.731430596	-0.298961295	-0.236927862	-0.576696294	6.92E-06	0.000342181
YGL02.11917.C1	7.772266577	0.637625641	0.152857471	0.463930579	-0.060004238	-0.054058724	-0.455539634	0.000245267	0.003958321
YGL02_GNYA1SO04I8ZV6	6.374793573	0.637434043	0.050435048	-0.156866526	-0.103770776	-0.297039827	-0.136192635	0.005794111	0.037714236
YGL02.3701.C1	9.143174777	0.6374095	-0.234619593	0.247459695	0.219548976	-0.130739841	-0.423141594	0.000362452	0.005218088
YGL02.23130.C1	5.919280981	0.637116701	0.113672165	0.112258872	0.170146294	-0.028129647	0.262181455	0.001445045	0.013928556
YGL02_GNYA1SO04H6C0R	9.11142968	0.637049943	-0.797800117	0.427067746	-0.463840248	0.233039783	-0.298519955	0.002377236	0.019848285
YGL02.11327.C1	8.800684784	0.636726125	0.19124801	0.425363845	0.179735286	-0.321318079	-0.361351446	1.95E-05	0.000681275
YGL02.5573.C1	10.80654542	0.636614271	0.132690936	0.526954075	0.006921574	0.048352713	-0.400131865	0.000405959	0.005650341
YGL02_GNYA1SO04H8N72	7.648762717	0.636584704	-0.469907486	0.029116303	-0.184727328	0.109540265	-0.429851795	0.000826259	0.009370232
YGL02_GNYA1SO04IWP6C	5.856494801	0.63656541	0.117166703	1.034996205	-0.375946164	-0.112851388	-0.593864567	0.00404555	0.029043165
YGL02.3943.C1	9.054476183	0.636537714	0.12715344	-0.406275366	-0.081114182	-0.041444053	-0.009968148	8.28E-06	0.000385602
YGL02.1821.C1	7.500083383	0.636525224	-0.344515295	-0.153031949	-0.126297221	0.224268178	0.124153162	0.002901232	0.022889192
YGL02.5559.C1	10.41506521	0.636358933	0.191691915	0.601008428	-0.021270582	-0.208620962	-0.491316249	0.002377073	0.0198482
YGL02_GNYA1SO04I0IZP	9.079328362	0.6363574	0.021820983	0.114148613	0.062885713	-0.252506916	-0.799464675	0.000834165	0.009433964
YGL02.19330.C1	9.711352387	0.636155321	0.180598521	0.254729985	-0.047681972	-0.139619383	-0.195427123	2.44E-05	0.000794302
YGL02.5101.C1	8.215840882	0.636128956	-0.353785629	0.201784624	-0.181926104	-0.221713277	-0.577591681	1.01E-05	0.000436597
YGL02.19689.C1	5.984871988	0.636128895	-0.193296029	-0.361701055	0.248657605	-0.110348282	0.015882581	0.000977117	0.01054279
YGL02.16631.C1	4.580772516	0.636103606	0.012023531	0.646443287	0.150992211	-0.093928391	-0.71363827	0.000961593	0.010434852
YGL02_GNYA1SO04I1C37	5.995682644	0.63600032	0.557737719	0.705385301	0.253786018	-0.070638395	-0.187576185	0.003944146	0.028484655
YGL02.2379.C2	10.0712679	0.635924309	-0.400853432	0.376030745	0.224352915	0.069936914	-0.593436774	2.14E-05	0.000726077
YGL02.8101.C1	9.078312231	0.63582592	0.166154789	0.228362302	0.074079408	-0.24350107	-0.861477895	0.000384302	0.005437148
YGL02.16010.C1	6.596405668	0.635519752	0.447726517	0.998889024	-0.15562797	-0.326315333	-0.754495978	0.000393455	0.005530995
YGL02.6607.C2	9.594179103	0.635451784	0.708472823	0.646514456	-0.032517855	0.00653957	0.224144175	0.001593691	0.014935551
YGL02.12897.C2	5.361806649	0.635355232	-0.215976317	0.034807268	0.389556934	-0.602510853	-0.05366716	0.008225934	0.048449665
YGL02.21187.C2	6.477125613	0.635309075	-0.101653163	0.100558893	-0.54491035	0.403353605	-0.036744933	0.001240391	0.012477898
YGL02.8258.C1	7.561207223	0.634973935	-0.08031549	0.138195793	0.148371753	-0.235522397	-0.164166732	5.96E-06	0.000310754
YGL02_GNYA1SO04JK9I9	7.448151536	0.634945837	0.29964857	0.715677949	-0.162562488	-0.273569738	-0.632140842	0.000192637	0.003340281
YGL02.2963.C1	7.411695167	0.634806898	0.389175238	0.43922717	-0.308346831	-0.260704362	-0.181308165	6.17E-05	0.001501826
YGL02.5056.C1	6.714449277	0.634631856	-0.176572411	0.208539041	0.071969573	0.159316218	-0.29250846	0.000153508	0.002850445
YGL02.12346.C1	6.695167803	0.634578454	-0.047606758	-0.220658503	0.114521766	-0.041532661	0.206968276	0.000500643	0.006526294
YGL02.16228.C1	10.14437735	0.634447213	0.105106028	0.083574792	-0.071402007	-0.17253051	-0.008398341	6.40E-05	0.00154196
YGL02.7493.C1	5.608245764	0.63439141	-0.37355476	0.116230104	0.425389955	0.083527031	-0.063864379	0.003057327	0.023764538
YGL02.7625.C3	9.644254714	0.634187417	0.344079015	0.418951063	0.120617228	-0.219784625	-0.126203146	1.25E-05	0.000499416
YGL02_GNYA1SO04I1Z38	6.496163837	0.633988961	0.621950898	0.89346684	0.034259709	-0.283119599	-0.933354172	0.003890787	0.02820184
YGL02.13942.C1	9.025453114	0.633877003	0.015870048	0.278350245	-0.281493825	-0.321676844	-0.350213983	3.76E-05	0.001078353
YGL02.21693.C1	7.671561811	0.633858101	0.311797768	0.33388581	-0.146327748	-0.262407618	-0.453260363	4.88E-06	0.000272964
YGL02.11108.C1	6.953415643	0.633615434	-0.035077652	-0.102725083	-0.088663861	-0.07662812	-0.27430709	7.09E-05	0.001662172
YGL02.4712.C1	8.014783367	0.633605771	0.053833562	0.430230093	0.14253571	0.023380222	-0.27767037	6.41E-05	0.001543334
YGL02.19995.C1	4.492477636	0.633188204	0.301866506	0.330861521	-0.118838742	-0.269893792	-0.436551109	0.000734784	0.008619703
YGL02_GNYA1SO04JZG56	7.624354259	0.633060714	0.01959251	-0.066274136	-0.150272753	0.032431896	-0.273716926	0.001932038	0.017137794
YGL02.16345.C1	7.228075162	0.633060143	-0.41407274	0.25923849	-0.253516335	-0.140861841	0.011007927	0.000172573	0.003094843
YGL02.1474.C1	9.164628638	0.633058728	0.080505434	-0.131924635	-0.029113238	-0.025781126	0.021780637	0.00063583	0.007759739
YGL02.12023.C1	7.816019863	0.633019545	0.288686557	0.513920316	0.114617791	-0.198548885	-0.653938213	0.005081569	0.034293244
YGL02.22795.C1	5.990429803	0.632979216	-0.357759212	0.134857724	0.401911797	-0.010697132	-0.442559549	0.001648044	0.015296594
YGL02.7156.C2	12.81022815	0.632972184	0.310060238	0.740773727	0.07248281	-0.135768851	-0.532766079	0.000175944	0.003134019
YGL02_GNYA1SO04H4QX0	6.841897119	0.632744288	0.515469834	1.156484954	-0.267015683	-0.402499668	-0.913386138	0.001399114	0.013593085
YGL02.4735.C1	9.301389608	0.632483081	0.307261071	0.442738743	-0.035257571	-0.292131596	-0.239908291	0.000130618	0.002551243
YGL02.8250.C1	6.837772282	0.632283174	0.010102315	0.205109959	-0.339767547	0.021680005	-0.084532883	0.000297569	0.004548994
YGL02.1520.C1	9.56917122	0.631833504	0.267373883	0.444003259	-0.158340165	-0.328228126	-0.257482758	2.35E-05	0.000773974
YGL02.12387.C1	10.94650536	0.631798927	0.108301686	-0.02699189	0.178089755	-0.161903002	-0.328800656	0.000693508	0.008259705
YGL02.2100.C1	9.900654051	0.631770552	0.086859871	0.432097699	0.083633375	-0.157673969	-0.56162366	4.54E-05	0.001224385
YGL02_GNYA1SO04ISDQ0	8.863776633	0.631629332	0.081891259	0.433824345	0.226906745	-0.04804091	-0.626041004	9.76E-06	0.00042709
YGL02.70.C1	6.81253967	0.631387037	0.515711759	1.088584809	-0.259537525	-0.319983018	-0.708317923	0.002255064	0.01911414
YGL02.1409.C1	6.803208111	0.63089545	-0.02582916	-0.085880479	0.028393509	-0.307647308	-0.061879974	3.78E-05	0.001080314
YGL02.21304.C1	7.03086706	0.630846759	0.412312172	0.376601621	0.278973956	-0.2520413	-0.38983593	4.78E-05	0.001264214
YGL02_GNYA1SO04ILTEJ	7.20724221	0.630831762	0.66006936	0.340330723	0.022516849	-0.334116689	-0.733218739	0.001349221	0.013244484
YGL02.10949.C1	10.45486715	0.630750911	0.145216156	0.550031338	-0.504535292	-0.216265129	-0.450962383	0.001312495	0.012988328
YGL02.19794.C1	4.274295018	0.630676685	0.03201521	0.515020154	-0.142222392	0.010317414	-0.240462474	0.000374061	0.005336632
YGL02.3637.C1	10.33583379	0.63055717	0.111005208	0.264464431	-0.229659502	-0.21666844	-0.255896392	1.37E-05	0.000531522
YGL02.10553.C1	7.385374776	0.630537474	0.484334778	1.040280807	0.174531871	-0.672254058	-0.880150524	6.25E-05	0.001515877
YGL02.19478.C1	9.101613108	0.630342976	0.345438005	0.843823035	-0.215143079	-0.016805639	-0.624272068	1.81E-05	0.000645671
YGL02.17272.C1	11.24045769	0.630159124	0.190677096	0.434487907	-0.12724754	-0.205773969	-0.494335235	1.22E-06	0.000114781
YGL02_GNYA1SO04IN6K9	9.514241892	0.630070504	0.719841588	1.179126127	0.037463831	-0.047929003	-0.071320976	0.000360082	0.005195066
YGL02.20961.C1	6.757077606	0.630053822	0.015267786	0.390133725	-0.034143388	0.195353414	-0.111326541	0.001190533	0.012127066
YGL02.14025.C1	7.437162182	0.629885031	0.324092595	0.233306618	-0.07784076	-0.270353868	-0.581406818	6.12E-06	0.000315945
YGL02_GNYA1SO04JPUB8	8.028816639	0.629870023	-0.482401625	0.430285488	-0.227573571	-0.034678248	-0.867074035	0.003029292	0.023602608
YGL02.6598.C1	9.131677894	0.629838105	0.259362011	0.775111003	-0.236581352	-0.162148322	-0.398824203	4.35E-06	0.000253451
YGL02.6820.C2	7.706407523	0.629829959	0.164448517	0.566325456	0.419534892	-0.163868865	-0.600764829	0.001802494	0.016310463
YGL02.3244.C1	6.688976401	0.629823158	0.099867701	0.295382757	-0.022394024	0.046977133	-0.33977169	0.001279967	0.012754153
YGL02_GNYA1SO04H06VI	8.59608148	0.629540782	0.195677621	0.587562342	1.027123411	-0.222097422	-0.801939397	0.003774065	0.02760592
YGL02_GNYA1SO04JAFCX	6.032012953	0.629507708	-0.44965841	-1.135398779	0.285940467	0.241716406	-0.024792996	0.007215077	0.044120323
YGL02_GNYA1SO04IZZ6K	8.181500828	0.629305582	-0.182059008	0.154375043	0.225927819	0.04880957	-0.102561508	0.006377897	0.040355895
YGL02.19988.C1	4.392950286	0.629056668	0.634866247	0.1042606	0.271969529	-0.930893425	-0.583821259	0.006637841	0.041521876
YGL02.21077.C1	9.567540665	0.629044255	0.151867052	0.423261157	-0.151920086	-0.146913605	-0.555956969	0.000217433	0.00363928
YGL02.6377.C1	8.613118966	0.628955561	-0.019173294	0.29250227	-0.094216156	-0.172155647	-0.470245226	5.72E-05	0.001429461
YGL02.19427.C1	7.183079984	0.628822678	-0.27124732	-0.138540978	-0.374327225	0.098585201	-0.389530683	0.002871735	0.022728813
YGL02.5592.C1	9.313993884	0.628704999	0.190970671	0.010231822	0.00625722	-0.321348406	-0.254698359	0.000821526	0.009331273
YGL02_GNYA1SO04H76EX	7.091548489	0.628701964	-0.655479583	0.145000453	-0.667495549	0.073473451	-0.16978627	0.003703628	0.027225915
YGL02.1513.C1	8.897613635	0.628663105	0.368564546	0.81181763	-0.188863264	-0.196426307	-0.717982399	8.85E-05	0.001950047
YGL02_GNYA1SO04IZ8JD	6.34344977	0.628658904	0.49420444	0.505728232	0.014515808	-0.52260118	-0.712678325	0.000544843	0.006945856
YGL02_GNYA1SO04IN0B5	7.704211725	0.628511094	-0.516344564	0.282487839	0.071392646	0.192587288	-0.540598027	0.001741907	0.01592386
YGL02.17537.C1	5.627284657	0.628355932	-0.101527327	0.081717804	0.292030907	-0.475942282	-0.344872934	0.001407872	0.013660748
YGL02.9627.C1	6.864224096	0.628320793	0.138723697	-0.027340313	-0.190879722	0.08816988	-0.100235323	0.006354821	0.040249213

YGL02.9440.C1	9.191563126	0.628068009	-0.227184679	0.215458909	-0.102283231	-0.066293728	-0.536929321	0.000463371	0.00619261
YGL02_GNYA1SO04JW3Y3	6.524873488	0.628038871	0.462632768	0.354306605	-0.013156863	-0.326555505	-0.157158206	0.000595883	0.007397864
YGL02.1994.C1	5.930807734	0.627676162	-0.120242302	-0.440283386	0.136973385	0.124119617	0.403351074	0.003247256	0.024804613
YGL02_GNYA1SO04JOBG2	14.22878801	0.627524013	-0.146306385	-0.041305857	0.252773767	-0.139151083	-0.368581197	4.50E-05	0.001216261
YGL02.235.C1	9.820535027	0.62720372	0.22678313	0.322266188	-0.148342243	-0.05260274	-0.052423104	3.88E-05	0.001099021
YGL02.3167.C1	8.982565589	0.627172341	0.038930886	0.447440344	0.085116282	-0.301918377	-1.009137184	0.000582973	0.007286526
YGL02.19173.C1	7.829629971	0.627151616	-0.100755692	0.438865132	-0.000520506	-0.074421956	-0.362904931	0.000388425	0.005478723
YGL02_GNYA1SO04JR0HH	7.198609231	0.627031756	0.629107093	0.956702804	-0.153451064	-0.271715201	-0.824453409	0.002608868	0.021207957
YGL02.2917.C1	12.11937458	0.626813057	0.492627505	1.306323042	0.433896518	-0.345686325	-0.608360909	0.000867378	0.009693926
YGL02.17674.C1	5.757803856	0.626788221	0.512296206	0.390256885	-0.038435794	-0.553859468	-0.355336619	0.003483321	0.026057566
YGL02.12543.C2	5.809213607	0.626737483	0.13264234	0.065340114	-0.080938247	-0.104817688	-0.466308359	0.000927618	0.010168753
YGL02.6130.C1	7.330175538	0.626682313	0.757714943	0.433801166	-0.212100357	-0.441552027	-0.275614045	0.000217628	0.003641598
YGL02_GNYA1SO04IGCY7	6.857019048	0.626677425	-0.154641489	-0.019313429	-0.040236932	-0.032327301	-0.164340694	0.007239712	0.044223064
YGL02_GNYA1SO04JUCST	9.083616529	0.626462794	0.175321967	0.493994124	0.079226612	-0.070412073	-0.229039385	0.000192587	0.003340281
YGL02.12002.C1	7.074462793	0.626422678	0.214328959	0.661024608	0.118049878	-0.068122668	-0.324173784	6.98E-05	0.001644496
YGL02_GNYA1SO04IG1N9	8.68534514	0.626309811	-0.165655753	0.251206054	0.129134889	-0.269411556	-0.596611581	0.000510421	0.006615791
YGL02.23604.C1	8.403566398	0.626236989	0.380738951	0.440281523	-0.048986052	-0.421250032	-0.52434832	3.19E-05	0.000960472
YGL02.23348.C1	5.414393223	0.626180699	0.067663114	-0.256816686	-0.039962519	-0.291406961	0.257026002	0.004042981	0.029030062
YGL02.2355.C1	7.794148039	0.626036427	0.289248663	0.448228037	0.119051871	-0.05118253	-0.126468645	5.85E-06	0.00030731
YGL02.1716.C1	7.831299159	0.625986927	0.130094172	0.286652723	-0.112827142	-0.326641195	-0.177702454	1.88E-05	0.000663857
YGL02.14875.C1	7.22525535	0.625922531	0.139416249	0.433710651	-0.056287994	-0.060174515	-0.224017182	4.31E-05	0.001178182
YGL02_GNYA1SO04IIWAG	12.130746	0.625914157	-0.121593504	-0.087146213	0.12430732	-0.454276817	-0.6195684	0.008095119	0.047900401
YGL02.12680.C2	7.355714088	0.625865214	-0.29476488	-0.109536885	-0.139038939	0.131464055	-0.393750293	0.001411967	0.013687149
YGL02.19913.C1	2.787778567	0.625850692	-0.002115699	-0.002661777	0.15760787	-0.636803669	-0.296964959	0.00135824	0.013308803
YGL02.4662.C2	9.087219672	0.625430844	0.128157133	0.458400177	-0.057871933	-0.231784128	-0.222507215	5.35E-05	0.001362508
YGL02.6827.C1	9.77260732	0.625404074	0.541237227	0.718559577	-0.329510578	-0.12678339	-0.621719769	0.003489925	0.026092327
YGL02.10960.C1	7.252637936	0.625170939	0.130484885	0.037151996	-0.355794089	-0.46249053	-0.406388841	6.61E-05	0.001578121
YGL02.3300.C1	6.969968836	0.625060624	0.061513621	-0.130689281	0.038831026	0.05777038	0.159258041	0.00088152	0.009804791
YGL02.13545.C1	8.696018078	0.624839816	-0.109097984	0.121807648	-0.291484727	0.081590507	0.043017303	3.65E-06	0.000227335
YGL02_GNYA1SO04IMP3I	8.858778166	0.624792053	-0.16773046	0.22316974	-0.18270118	-0.110162367	-0.408079889	8.86E-06	0.000401793
YGL02_GNYA1SO04IYESJ	9.828118754	0.624606209	0.076491653	-0.013952865	-0.061183454	0.016299284	-0.040392344	1.51E-05	0.000569985
YGL02.20188.C1	6.870673753	0.624537679	0.033322912	0.470951144	-0.135001998	-0.258548526	-0.79961263	0.000794374	0.009108879
YGL02.640.C2	6.174871433	0.624434405	0.119707031	0.704366722	-0.095761611	-0.179901017	-0.832450972	0.001249404	0.012541799
YGL02.11032.C1	11.69745009	0.624265848	0.107344148	0.614986453	0.447291196	-0.082669639	-0.517137533	1.07E-05	0.000451769
YGL02.17329.C1	7.637165306	0.624231828	0.133811206	0.256754436	0.12727941	-0.127752572	-0.309127244	0.000137295	0.002639854
YGL02_GNYA1SO04JIKX9	6.603562192	0.624218398	-0.17996547	0.435536528	-0.058878345	-0.075912973	-0.334478024	0.000736036	0.008629696
YGL02.3228.C1	7.180502468	0.624069015	-1.024197881	-0.685858894	0.093050913	-0.026389758	-1.087781089	0.004518745	0.031445406
YGL02.15932.C1	7.138903283	0.623987437	-0.259706129	-0.168279811	-0.172223764	0.016315508	-0.137251477	3.26E-06	0.000210792
YGL02.9596.C1	10.32809828	0.623898039	-0.167098493	0.2505429	0.243243488	-0.212654948	-0.671746602	3.25E-05	0.000973199
YGL02.4634.C1	7.901748179	0.623787241	-0.022251304	0.32718041	0.117547304	-0.239669151	-0.352588852	0.000968157	0.010476662
YGL02_GNYA1SO04JVY9R	6.819943508	0.623505571	-0.127066171	0.520072893	-0.00900122	-0.001355359	-0.646327383	0.000689636	0.008223424
YGL02.15874.C1	7.542420441	0.623172337	-0.230162632	0.29913116	-0.695122206	0.212314028	-0.328382875	0.000227398	0.003753668
YGL02.13953.C1	9.847637227	0.623028212	0.145893118	0.158053772	0.144166513	-0.243330553	-0.166632754	0.000738877	0.008649698
YGL02.20802.C1	7.069404364	0.623005608	-0.862863898	-0.554925068	-0.239589831	-0.156315223	-0.408731362	0.00170188	0.015659735
YGL02.18298.C1	6.194305995	0.622919848	1.013146119	1.054643775	0.104099247	-0.327507464	-0.409982194	0.000139358	0.002668022
YGL02.4606.C1	8.419195574	0.622881311	-0.150580521	-0.036921879	-0.149184876	0.063438635	-0.046773236	1.10E-05	0.000460716
YGL02.4745.C1	8.687672194	0.622640286	0.000795294	0.063391027	0.371098277	-0.261105072	-0.232218506	0.00012172	0.002429116
YGL02.18074.C1	5.637591707	0.622516632	0.089447012	0.265191349	-0.129928835	-0.097267698	-0.540947448	0.003336065	0.025274782
YGL02.10552.C1	9.46058038	0.622496608	0.174864337	0.52517691	0.015253768	-0.148631973	-0.521157686	7.80E-06	0.000369627
YGL02.3461.C2	7.351358471	0.622379845	0.342805136	0.446225962	-0.259570892	-0.168127306	-0.278381006	0.00116121	0.011904223
YGL02.19107.C1	8.867929536	0.622130554	-0.05519783	0.458531474	-0.047622486	-0.106095262	-0.659416249	0.000247466	0.003983377
YGL02_GNYA1SO04H3GID	8.818999542	0.622065488	0.029493487	0.403264508	-0.0801063	-0.123237914	-0.377026935	0.000158714	0.002915747
YGL02.3765.C1	7.436862921	0.621793256	0.420078568	0.629778015	-0.084213605	-0.377039457	-0.484972885	0.000973799	0.01051399
YGL02.3211.C1	7.382341664	0.621689569	-0.877047306	-0.428804291	-0.035028487	-0.191516186	-0.413644579	0.000909657	0.01003053
YGL02.1008.C1	5.624776524	0.621682413	0.310696015	0.300003234	0.096969558	-0.290160087	-0.307999384	0.003891466	0.028204014
YGL02.6131.C1	7.420579477	0.621150735	0.058617865	0.016934679	0.062154129	-0.141053726	-0.107432354	3.00E-05	0.000919183
YGL02.12660.C1	7.375656652	0.621081673	0.220169029	0.684902954	0.082783565	-0.257635654	-1.028891164	0.001128566	0.011672973
YGL02.15697.C1	9.00693193	0.621002353	0.035550027	0.05668739	-0.001740481	-0.36490038	-0.308811028	2.07E-05	0.000712454
YGL02.8492.C1	8.058514575	0.620881028	0.290530394	0.310900569	-0.33854258	-0.023557858	0.026662515	7.05E-05	0.001655259
YGL02.23586.C1	4.948976779	0.620635472	0.088619586	0.290010127	-0.063181669	0.138547174	-0.052155521	0.001565834	0.014758867
YGL02_GNYA1SO04I5NKT	9.340049734	0.620454465	0.006846073	0.264974446	0.150976979	-0.085673643	-0.353730552	4.66E-05	0.001242526
YGL02_GNYA1SO04IDIIN	7.244309708	0.620433273	0.04466263	-0.101166479	0.18123097	0.060921579	-0.233899033	0.000173642	0.003107547
YGL02.2741.C1	7.698299169	0.620389664	-0.277575871	-0.269881077	0.200246173	-0.001655386	-0.476524624	0.002597158	0.021140627
YGL02_GNYA1SO04I7RLK	5.886490479	0.620373793	0.745821996	0.705262225	0.315319952	-0.574863933	-1.134808055	0.004509368	0.031394821
YGL02.774.C1	8.049712981	0.620315869	-0.190676303	-0.136817471	-0.054454865	-0.036720005	0.007516595	0.000327995	0.004871503
YGL02.767.C1	8.6210218	0.620251781	-0.524722339	0.105113797	-0.133356161	-0.203689142	-0.697414862	0.002077542	0.018015073
YGL02.3746.C1	7.061417603	0.620195718	-0.36997586	-0.418821177	-0.186487428	0.358514854	0.58019554	0.001489125	0.014223219
YGL02_GNYA1SO04IV3VI	13.28691059	0.620076854	0.258723656	0.557876075	-0.297445664	-0.229036423	-0.469637281	5.90E-05	0.001460558
YGL02.5167.C1	9.711045789	0.620039819	0.101151162	0.343983212	0.062410347	-0.281276286	-0.24887058	0.001128737	0.011672973
YGL02_GNYA1SO04IV180	7.85383197	0.62003902	0.428532275	0.236642308	0.163928072	-0.249128811	-0.053801199	0.000196275	0.003383819
YGL02.13281.C1	8.067817649	0.619982705	-0.062031758	0.468530838	-0.283816763	0.147948946	-0.364116373	0.000355527	0.005149315
YGL02.5923.C1	8.098503317	0.619804802	0.033237664	0.311937856	0.163581803	-0.244102877	-0.434580447	0.002163573	0.018543776
YGL02_GNYA1SO04H06OO	5.247595108	0.619658804	0.247341997	0.48973365	0.316785046	-0.501501034	-0.999373199	0.001885928	0.016829072
YGL02.4990.C1	6.809271312	0.619646464	0.179407338	0.145180288	-0.339675474	-0.248823865	-0.452108146	0.001727921	0.015829228
YGL02.10238.C1	10.14478717	0.61961823	0.108755007	0.379495839	0.003653396	-0.02260202	-0.359473204	3.26E-05	0.000974481
YGL02.15373.C1	8.471072302	0.619465585	1.042355328	1.014431869	-0.504106083	-0.331923124	-0.777237888	0.000593263	0.007377913
YGL02.12793.C1	7.722689493	0.619295978	-0.137795573	0.111824134	0.015955416	-0.002954544	-0.186394689	4.98E-05	0.001299044
YGL02_GNYA1SO04H8QDO	7.668184952	0.619249688	0.740580547	0.269009309	-0.040520843	-0.058995111	-0.535533261	0.000146912	0.002769264
YGL02.12264.C1	7.256006818	0.619132809	0.471438908	0.417584131	0.08276913	-0.243752282	-0.37748032	0.000800471	0.009157981
YGL02.1559.C2	8.209051944	0.619132318	-0.403276366	-0.125008346	0.155361256	-0.265021303	-0.349386062	0.002263328	0.019166627
YGL02.23024.C1	5.052768948	0.619014009	0.23558873	0.172828259	-0.180414353	-0.244510195	-0.354312118	0.004426618	0.030987479
YGL02.6030.C6	6.385259633	0.618919175	-0.141471364	0.425089405	0.058587664	0.282366844	0.277157722	0.005186763	0.034806015
YGL02.82.C5	7.383690401	0.618844904	-0.262318711	0.731673363	0.486503655	-0.298605617	-0.784440588	0.005300893	0.035367821
YGL02.21265.C1	8.025469182	0.618799315	-0.265367957	0.23906982	-0.245979218	-0.341735153	-0.309942666	1.73E-05	0.000625214
YGL02.14885.C1	4.93182014	0.61879455	0.492456498	0.19832119	0.089589219	-0.629073477	-0.125816005	0.000866662	0.009687594
YGL02.6217.C1	7.036115117	0.61874595	0.013931845	0.190780693	0.190425277	0.136336885	0.280393332	0.001190015	0.0121237
YGL02_GNYA1SO04H8G2I	5.894732623	0.618656078	-0.172906766	0.20259426	-0.196877683	-0.143907513	-0.078757779	0.005814581	0.037796181
YGL02.21648.C1	6.154841034	0.61862361	0.24211522	0.316402994	-0.084272719	-0.583741033	-0.791413759	0.001714348	0.015741637
YGL02_GNYA1SO04ILSLR	7.035335884	0.618590486	0.272832522	0.382018875	-0.088568643	-0.421412594	-0.695469673	0.00033998	0.004994898
YGL02_GNYA1SO04IWAGL	7.987445582	0.618584481	-0.217785369	-0.132445391	-0.277671473	0.158788866	-0.028238142	0.004266586	0.030167269

YGL02.20393.C1	4.971931499	0.618514727	0.178473371	0.339033806	0.328041986	-0.001941531	-0.278280333	0.003029387	0.023602608
YGL02.16385.C1	7.243846007	0.618352083	0.104200413	-0.075932913	-0.137658875	-0.164691113	0.25316383	9.68E-05	0.002077345
YGL02_GNYA1SO04JJ4BV	10.42914902	0.618341089	-0.063552271	0.166789545	-0.048093552	-0.247110464	-0.139760182	0.0001043	0.00218429
YGL02.14926.C1	7.829411936	0.61832833	0.069190468	0.095875644	0.149568855	-0.203545997	-0.133609445	0.004819836	0.033008886
YGL02.18719.C1	7.19427237	0.618247915	0.193268802	0.431781551	0.37162053	0.009449635	-0.285658686	0.000581772	0.007275637
YGL02_GNYA1SO04I7LYP	9.899887054	0.618205401	-0.052296669	0.507331376	-0.268319219	0.079323326	-0.43690157	7.26E-05	0.001693775
YGL02_GNYA1SO04IHH6S	5.574639152	0.618081913	0.162240731	0.362154876	-0.048816867	-0.348987974	-0.398342077	0.004127373	0.029472804
YGL02.14217.C1	7.539279198	0.617890739	0.279224035	0.302270156	-0.196870711	-0.385271713	-0.636498544	0.00364679	0.0269263
YGL02_GNYA1SO04IU2UO	8.019221932	0.617798399	-0.069576539	0.342575553	0.038159879	-0.27322937	-0.517569531	0.003067536	0.023821009
YGL02_GNYA1SO04IB0FF	5.672822113	0.617471684	-0.189666233	0.037459205	-0.410399727	-0.150578447	0.049224743	0.007362687	0.044777714
YGL02.19244.C1	7.700930255	0.617435645	-0.430252705	0.216915559	0.093690329	-0.073932945	-0.522442256	0.00450566	0.031377961
YGL02.19931.C1	8.57940656	0.617243159	0.407221345	1.082061895	-0.126249921	-0.07308835	-0.648665368	0.000787203	0.009049366
YGL02.7841.C1	7.102324691	0.616996113	0.117477299	0.283387306	0.037977229	-0.443483421	-1.12704608	0.00182937	0.016485691
YGL02.10128.C1	7.330425502	0.616632007	0.327233656	1.025623014	-0.07506364	-0.088941957	-0.554562086	0.000139221	0.002667281
YGL02.12713.C1	6.947904945	0.616458205	0.245793963	0.503344567	-0.06792163	-0.425454468	-0.441670429	0.000796722	0.009125573
YGL02_GNYA1SO04JC6TK	10.48099037	0.616365765	0.351739702	0.751343266	0.007714355	-0.212018679	-0.353486251	0.003388414	0.025552773
YGL02_GNYA1SO04JAEG8	7.189035253	0.616321247	0.325058797	0.573798906	-0.072057697	-0.408312273	-0.527814533	2.77E-06	0.000190284
YGL02.10539.C3	9.163836711	0.615901754	0.107558639	0.221721928	0.078082306	-0.243117065	-0.279096544	0.000374106	0.005336632
YGL02.6350.C1	7.497294738	0.615827247	-0.041911708	0.932132121	-0.325627184	-0.088855953	-0.813607794	0.00150212	0.014315661
YGL02_GNYA1SO04H1HG6	9.646484578	0.615655598	-0.057665464	0.663982114	-0.246049299	-0.141654103	-0.170320676	0.004685551	0.032307577
YGL02.1739.C1	8.734840102	0.615608208	-0.137715996	-0.23949793	0.046973191	-0.067232054	-0.196372264	0.000274425	0.004294034
YGL02_GNYA1SO04JATRD	6.912300425	0.61560263	0.018944115	-0.166776156	-0.017701782	0.215461019	0.298943787	4.65E-05	0.001241552
YGL02.16855.C1	8.123501353	0.615563453	0.068602087	0.405482299	0.613206342	-0.308260242	-0.471249359	7.23E-05	0.00168858
YGL02.20476.C1	11.71900427	0.615462283	0.330240215	0.329394983	0.131365684	-0.136432491	-0.169227053	0.006289791	0.03994479
YGL02.4024.C3	8.482954	0.615303793	0.16544906	-0.226904834	-0.022443857	-0.098876282	0.144233585	0.000156828	0.002893833
YGL02.14168.C1	8.550357286	0.615167938	0.455149658	0.594933141	-0.028396867	-0.019472143	-0.162097752	0.000181953	0.003205984
YGL02.16272.C1	10.03154226	0.615008645	0.404585006	0.782321626	-0.332179348	-0.18364855	-0.605605106	0.000419917	0.005780005
YGL02.21050.C1	7.656642775	0.614967532	0.153949906	0.127609109	-0.168872038	-0.294853621	-0.455662345	5.64E-05	0.001414825
YGL02.7975.C1	10.52042866	0.614776276	-0.056636724	0.245355824	-0.036897206	-0.183468849	-0.390398391	0.000104252	0.00218429
YGL02.13678.C1	9.009506882	0.614385428	0.281939969	0.843867406	-0.217885437	-0.177439416	-0.638056347	0.000669012	0.008048638
YGL02_GNYA1SO04H77EV	7.862117111	0.614375631	0.376504356	0.776592495	0.112597066	-0.141322292	-0.593360703	0.000939247	0.010261572
YGL02.12817.C1	10.61936057	0.614223598	0.391367631	0.850142181	0.017212167	-0.020965954	-0.468841364	7.80E-05	0.001782077
YGL02.5207.C1	6.510798451	0.614217791	0.322880914	0.623515803	-0.187898453	-0.242063546	-0.55512791	0.004280897	0.030249449
YGL02.1584.C1	6.899980121	0.614009903	0.106519533	-0.058856101	0.722492637	-0.120498559	-0.171970871	0.002895511	0.022859376
YGL02.858.C1	8.279472023	0.613881484	-0.573035011	-1.314050041	0.287398002	-0.143763383	-0.349738145	0.002143094	0.018413345
YGL02.16784.C1	6.670293167	0.61366247	0.398250697	0.183709798	0.031276613	-0.392127689	-0.456225819	0.003223727	0.024679502
YGL02.13109.C1	5.721778874	0.613430311	0.334231298	0.70465161	0.137402476	-0.284769394	-0.789319152	0.001991997	0.017508942
YGL02.10299.C1	6.642936393	0.613377871	-0.112680113	0.207869132	0.201817243	-0.08196535	-0.197755742	0.000332236	0.004916862
YGL02_GNYA1SO04JILZR	9.04246964	0.613216324	0.309098406	0.587614086	-0.182167416	-0.129280813	-0.175292222	0.000575846	0.007227953
YGL02.5086.C1	8.333384104	0.613146705	0.290493106	0.572165949	0.341868797	-0.355198161	-0.415757023	1.58E-05	0.000588335
YGL02_GNYA1SO04JTBGZ	6.135142159	0.612970044	-0.21052425	0.26050373	0.22068839	0.205616884	-0.517398868	0.005380574	0.035739611
YGL02_GNYA1SO04I0B0K	10.61065151	0.612604552	0.012480813	0.298748869	-0.162868433	-0.305593647	-0.639555865	0.002372604	0.019819833
YGL02.6337.C1	7.612851997	0.612602078	0.080020241	0.039139145	0.02301388	-0.09436394	-0.335577145	0.002776435	0.02220219
YGL02.2858.C1	6.459105784	0.612564357	0.364070043	0.567953421	0.11275847	-0.254376622	-0.491966083	0.001129457	0.011676689
YGL02.11680.C1	7.677794403	0.612473777	0.235534348	0.103207949	0.118648666	-0.088151687	-0.44780005	6.13E-05	0.001494913
YGL02.7761.C1	8.056186093	0.612435698	0.122501142	0.209744994	-0.002889984	-0.343484034	-0.414020045	0.00057851	0.007248792
YGL02_GNYA1SO04JQ8KY	8.248750491	0.612424966	0.258597327	0.536558551	-0.454370195	-0.131360547	-0.439219624	0.000134145	0.00259941
YGL02.17037.C1	9.247194504	0.612320581	0.064363194	0.524274524	0.082677171	-0.050554904	-0.365855343	3.32E-06	0.000213367
YGL02_GNYA1SO04IOH16	7.416286929	0.612278637	0.507249528	0.538426169	-0.067082275	-0.298610925	-0.765750822	0.002828643	0.022498812
YGL02.20663.C1	8.059812441	0.612214794	0.214916438	0.101202064	-0.119212048	-0.076562982	-0.288537991	0.006713839	0.041861787
YGL02.18694.C1	5.294469777	0.612198038	0.35131064	-0.11905471	-0.285073269	-0.397080093	-0.149041142	0.000279106	0.004350454
YGL02_GNYA1SO04I0UGK	8.873922711	0.611964927	0.089625792	0.389030094	-0.211678178	-0.194186984	-0.406706808	1.20E-05	0.000486266
YGL02.804.C1	7.809981976	0.611751241	0.294314425	0.274995261	-0.031980863	-0.162541927	0.172782882	0.000461182	0.006170485
YGL02.14170.C1	7.231536901	0.611712986	0.197110247	0.473064054	-0.054669139	-0.585037952	-0.352763201	0.000135965	0.002623235
YGL02_GNYA1SO04IXUNB	7.839518209	0.611656354	-0.000712705	0.111997919	-0.038008407	-0.028302765	-0.37286681	0.00470524	0.032422619
YGL02_GNYA1SO04IO2F3	8.256714002	0.611651756	0.038161377	-0.051041086	-0.090379688	-0.075567534	-0.077455878	6.25E-05	0.001516826
YGL02.12190.C1	9.886907881	0.611273598	0.347757124	0.690971276	0.006958466	-0.277898849	-0.365446282	4.60E-06	0.000262597
YGL02.3370.C1	8.021275576	0.611203031	0.253313213	0.092882316	-0.139283167	-0.174396966	-0.218390431	0.002458059	0.020334308
YGL02_GNYA1SO04I89AV	8.302309216	0.611192309	-0.384516819	0.192148811	0.05728124	-0.07894412	-0.322606328	0.000549185	0.006986768
YGL02.1909.C1	8.986394038	0.611061372	0.424638876	0.967363706	0.120217807	-0.370788288	-0.644555422	0.000442374	0.005986667
YGL02.9524.C1	6.746739631	0.610985496	0.300416749	0.629157762	-0.095448161	-0.254182764	-0.213191641	0.005643139	0.037023723
YGL02.1730.C1	2.84599737	0.610977032	0.215440283	-0.003090934	0.0687021	0.02859348	-0.440231261	0.001341597	0.013195865
YGL02_GNYA1SO04JMUKY	9.609149312	0.610862339	0.3539299	0.521561379	-0.104240157	-0.025916262	-0.35762845	1.48E-05	0.000563444
YGL02.20708.C1	5.577111052	0.610813966	0.099888566	0.195378786	0.05697382	-0.136478848	-0.169985996	0.00793169	0.047204204
YGL02.12747.C1	3.31479013	0.61076217	-0.290528309	0.300187908	-0.170440537	-0.632808612	-0.689208996	0.005047686	0.034123293
YGL02.6124.C1	5.675429203	0.610677934	-0.101401092	-0.156963943	-0.066226616	-0.334119971	-0.176977516	0.00560676	0.03683917
YGL02.16522.C1	9.955338392	0.610637488	0.05316928	0.38480538	0.045468547	-0.111406374	-0.532425117	0.001026435	0.01090858
YGL02_GNYA1SO04JYQ0V	7.806408206	0.610471379	-0.047793158	0.024711194	0.01424501	-0.145062296	-0.333960947	0.001341684	0.013195865
YGL02.21791.C1	8.422930444	0.610404859	-0.368184485	0.769443216	0.261081618	-0.105382482	-0.413628935	0.000373361	0.005331875
YGL02.12895.C1	4.189547831	0.610371112	0.708491643	0.247013873	0.671819668	-0.436363007	0.034400441	0.00440501	0.030884785
YGL02.10878.C1	8.241323177	0.610346797	0.117031808	0.120540839	0.232197641	0.008512392	0.034856034	0.000426224	0.005834575
YGL02.2884.C1	8.653381819	0.610107757	-0.343465973	0.251986713	0.782571701	-0.135248539	-0.722855316	0.005961959	0.038469486
YGL02.8641.C1	5.757341998	0.609997299	1.904962246	2.41863785	-0.113198014	-0.082940038	-0.572592288	0.001763354	0.016058441
YGL02_GNYA1SO04JIZAU	7.348119168	0.609950402	-0.079517745	0.195489222	-0.120936363	0.024705266	-0.538963624	0.006637653	0.041521876
YGL02_GNYA1SO04I3D8B	6.23440256	0.609822295	0.428617881	0.464191241	-0.130437268	-0.644971503	-0.498737923	0.003033581	0.023626757
YGL02.3408.C1	5.302895706	0.609808324	0.280637687	0.453210396	0.286624452	-0.99594155	-0.539641047	0.008144856	0.048120696
YGL02_GNYA1SO04H87WE	5.942097688	0.609800853	0.739668786	0.6579204	-0.149304343	-0.679487517	-0.681173233	0.0018466	0.016594774
YGL02.10853.C1	6.232496176	0.609581119	-0.04622511	0.067281739	0.249716292	-0.080400987	-0.10624924	0.001101361	0.011465047
YGL02.2722.C1	6.461219483	0.609546512	0.490312342	0.793740165	0.078026967	-0.459671434	-0.465718292	0.004543095	0.031565664
YGL02.583.C2	6.782914551	0.609470375	0.034187032	-0.120611455	-0.103189768	-0.193196452	-0.066645481	0.004262661	0.030149397
YGL02_GNYA1SO04JD6I2	6.759980659	0.609326207	-0.194669187	0.31301075	0.256496265	0.266061015	-0.02075315	0.00057845	0.007248792
YGL02_GNYA1SO04I757N	7.748927979	0.609311497	-0.025725144	0.661406424	0.197883779	-0.04083623	-0.819961566	0.000695851	0.008276195
YGL02_GNYA1SO04JUT3Y	8.083520987	0.609149058	-0.252862344	0.149408355	-0.062177313	-0.25864672	-0.379258631	0.001572819	0.014806383
YGL02_GNYA1SO04IRAAQ	6.830646034	0.608668946	0.391399706	0.622100332	-0.230797364	-0.171866328	-1.063075731	0.004544398	0.031573023
YGL02.2941.C1	8.845857259	0.608644354	0.160212906	0.45716266	-0.008117328	-0.267752723	-0.304338283	7.01E-05	0.001649478
YGL02.23516.C1	5.900646589	0.608622861	0.12931567	0.349492743	0.185045775	-0.227344531	-0.342482732	0.002396929	0.019970394
YGL02.13137.C1	4.642548384	0.6085953	-1.240022483	1.135531431	0.111899917	-1.079767518	-0.253036526	0.003048774	0.02371229
YGL02_GNYA1SO04J0IIX	6.846601754	0.608575283	0.264360784	0.643208011	0.173469391	-0.21549466	-0.52939787	0.00611099	0.039160724
YGL02.16668.C1	10.79419529	0.608352731	0.062841509	0.054247065	0.311852524	-0.141846064	-0.324365355	9.42E-06	0.00041761
YGL02_GNYA1SO04JHFBY	13.31188242	0.608233159	0.070241824	0.170653541	0.028510516	-0.124517284	-0.366405268	0.007001832	0.043117695

YGL02.13398.C1	9.671811387	0.608157384	-0.084225934	-0.087428229	-0.044610931	-0.161294589	-0.544896995	0.000559846	0.007082043
YGL02.18.C1	8.310987496	0.60804279	0.747563151	0.699856855	-0.235160674	-0.371013207	-0.673371855	0.00127465	0.012715052
YGL02_GNYA1SO04IAFJQ	10.06201914	0.607871046	0.185290095	0.148387355	-0.080960441	-0.051490567	-0.710812147	0.000744742	0.008701833
YGL02.16304.C1	7.498184858	0.607603617	0.113784542	0.272127097	-0.458134895	-0.648923412	-0.925023024	0.004429193	0.030997124
YGL02.18701.C1	7.792260235	0.607347732	0.401225776	0.295099761	-0.108510462	-0.130251609	-0.452244396	0.000570664	0.007178211
YGL02.5183.C1	9.553263073	0.606939531	0.323045176	0.84067743	-0.036837026	-0.416571499	-1.247440246	0.000724049	0.00852466
YGL02.19768.C1	6.15113059	0.606680779	0.311511477	0.914239533	0.028151077	0.009426038	-0.365473801	0.007152784	0.043851364
YGL02.6301.C1	6.350524063	0.606289804	-0.084811503	0.113333926	0.136300088	-0.380819607	-0.357112765	0.000183879	0.003228929
YGL02.17570.C1	4.593959527	0.606227496	-0.356369523	-0.252809834	0.009662431	-0.044975785	-0.771684091	0.000408261	0.005672024
YGL02.174.C2	7.966159989	0.606217607	0.011002313	0.509642921	-0.363408102	-0.105829857	-0.698811122	0.001671715	0.015447334
YGL02.17419.C1	8.209562273	0.60608908	0.044906715	0.271337661	0.145204189	-0.132996908	-0.307350187	7.95E-05	0.001803434
YGL02_GNYA1SO04IUP8L	7.688200469	0.606046455	0.115080994	0.444218518	0.076821641	-0.348662175	-0.39279825	0.000218367	0.003650664
YGL02_GNYA1SO04JDPF7	10.87054529	0.605841442	-0.005924032	0.14995975	0.375509175	-0.131979662	-0.467936137	0.001417577	0.013731255
YGL02_GNYA1SO04H88C8	6.925069803	0.605820937	0.122447355	0.086697353	0.179753894	-0.257985904	-0.584322159	0.006956558	0.042896008
YGL02.7925.C1	9.418113484	0.605786631	0.297576074	0.614907055	-0.027212503	-0.018006214	-0.573073841	2.65E-05	0.000840794
YGL02.8929.C1	7.629469863	0.605709513	0.243532758	0.243977935	-0.106442581	-0.372965295	-0.106802612	6.09E-06	0.000314827
YGL02.11890.C1	7.392834937	0.60547053	-0.037046182	0.136839853	0.149324255	-0.224372098	-0.711218124	0.001704194	0.015675945
YGL02_GNYA1SO04JZQIU	8.566775282	0.60527168	0.03013121	0.621220096	-0.221605771	-0.221614201	-0.679833797	0.001081285	0.011315024
YGL02.5456.C1	5.669019426	0.605255666	0.265799548	0.369717932	0.991286568	-0.350441108	-0.230258946	0.000627994	0.007687291
YGL02_GNYA1SO04JJY43	6.036581899	0.605031396	-0.37573725	-0.369769856	-0.11609448	0.065838011	0.183786919	0.007476342	0.045271201
YGL02_GNYA1SO04JAFU0	6.978437382	0.604838189	0.4005339	0.526222061	-0.112947066	-0.143543988	-0.620677472	0.000331072	0.004905384
YGL02.13022.C1	6.578483879	0.604335634	-0.067482328	0.226612947	-0.514932791	-0.128211761	-0.542241955	0.006808246	0.042247017
YGL02.17964.C1	8.464123137	0.604297022	0.003378676	0.081573835	-0.044603652	-0.072331673	-0.291328073	9.72E-05	0.002081968
YGL02.5480.C1	8.184196634	0.604201069	0.382394724	0.596272046	-0.01808801	-0.10792658	-0.183468741	5.28E-05	0.001350058
YGL02.3743.C1	5.947214203	0.60401883	0.350631429	0.255781279	0.016403624	-0.302211694	-0.49000413	0.003494344	0.026121917
YGL02_GNYA1SO04JVF5O	8.177753323	0.603978281	-0.022639328	0.215452884	-0.089096334	-0.317148737	-0.534235322	0.001865671	0.016711572
YGL02.16378.C1	7.569038912	0.60396557	0.412022683	0.251507375	0.075246077	-0.671688173	-0.758067411	0.005243267	0.035101919
YGL02.19655.C1	8.834301471	0.603955636	0.291467053	0.510764692	-0.172524021	-0.239753573	-0.390915294	2.64E-05	0.000840715
YGL02.960.C1	10.42024465	0.603736142	0.100708333	0.289487678	-0.191819403	-0.244318702	-0.67949698	2.46E-05	0.000800274
YGL02.661.C1	9.433312703	0.603710143	0.355904363	1.193540522	0.019191074	-0.225847177	-0.845830473	0.000538059	0.006882409
YGL02.10681.C1	12.76590185	0.603645373	0.220752713	0.366605143	-0.37646245	-0.071855368	-0.331857851	1.17E-05	0.000478814
YGL02_GNYA1SO04IYB4H	7.369731559	0.60356478	0.119779101	0.752903232	-0.319040907	-0.409870568	-1.162638025	0.003300487	0.025086932
YGL02.20137.C1	6.474261096	0.60341208	0.208757102	0.515986429	0.107647581	-0.239525363	-0.663830217	0.000793764	0.009104834
YGL02_GNYA1SO04IT6J5	6.323470427	0.603266172	-0.103377944	0.089228902	-0.142026185	0.006181155	0.036949983	0.001524864	0.014483073
YGL02.21031.C1	4.269289146	0.603122039	-0.869916936	-0.675358486	-0.104664482	0.516053204	0.700169967	0.008578402	0.049882545
YGL02.5338.C1	8.635825362	0.603120788	0.100285949	0.351130025	-0.188320529	-0.107894327	-0.274786864	0.000423038	0.005813003
YGL02.16210.C1	9.29364487	0.602961523	0.001699289	0.436941987	0.296036963	-0.157456351	-0.450671321	6.68E-05	0.001591364
YGL02_GNYA1SO04JCBNW	6.114104959	0.602585045	-0.003107063	0.127378543	-0.314242638	-0.104995759	-0.15895423	0.007743171	0.046426695
YGL02.22392.C1	6.333334041	0.602562519	-0.064859416	0.311713077	-0.098959839	-0.06594508	-0.415564683	0.003620947	0.02680353
YGL02.8286.C1	9.591953762	0.602443505	-0.183639454	0.33048192	-0.516149647	-0.082198419	-0.456835817	2.35E-05	0.00077395
YGL02.19994.C1	6.165185001	0.602358893	0.03892808	0.604653532	0.075067001	-0.341761896	-0.637189669	7.84E-05	0.001789663
YGL02.8502.C1	6.758306329	0.602245174	0.343032777	0.580455653	0.135862591	-0.445027512	-0.799792636	0.000102949	0.002165291
YGL02.8330.C1	7.389510358	0.601898348	0.12703837	0.184004663	-0.071550234	-0.076103331	-0.233864378	8.01E-05	0.001813432
YGL02.5469.C1	6.944330626	0.601698687	0.021911508	0.002901871	-0.166896102	-0.023605048	-0.103083633	0.000126446	0.002490408
YGL02.16600.C1	3.839929936	0.601644694	-0.451830499	0.296422355	-0.215617042	0.241367252	-0.9042817	0.002115024	0.018229019
YGL02_GNYA1SO04H35MH	12.14378671	0.601360952	-0.497951957	-0.421452012	0.149531948	0.225794936	-0.021114774	0.000611596	0.007537145
YGL02_GNYA1SO04ID0YT	5.882410777	0.600942199	-0.439195261	-0.253573628	0.135584861	0.242990343	0.31736611	0.006772379	0.042095054
YGL02_GNYA1SO04JQFSN	7.024021347	0.60087552	0.227054096	0.557420216	0.162957113	-0.143035865	-0.207988915	0.000148899	0.002795725
YGL02.7699.C1	7.403940847	0.600873191	-0.160185118	0.324687838	0.098136616	0.224709055	-0.490026368	0.008373947	0.049048253
YGL02_GNYA1SO04JEEG9	6.916685736	0.600856424	0.055061587	0.177247094	0.367657915	-0.506401528	-0.273225825	0.00229081	0.019334215
YGL02.16102.C1	6.895699961	0.600763215	-0.130211721	0.201152645	-0.060240423	-0.132671987	-0.212296599	0.002891113	0.022837636
YGL02_GNYA1SO04JIUYN	7.834756837	0.600637987	0.565005922	0.803950652	-0.176044051	-0.328187601	-0.635035935	1.21E-05	0.000488732
YGL02.8948.C3	12.19940569	0.600361639	0.243319747	0.661078775	0.179103568	-0.226225848	-0.416552329	8.83E-05	0.001947415
YGL02.17920.C1	6.353703297	0.60026898	0.332772887	0.221185266	-0.39233842	-0.625584978	-0.45536684	0.000309413	0.004681104
YGL02_GNYA1SO04I9YN3	8.774941028	0.60021002	-0.387428124	0.014241072	-0.31988745	-0.003698212	-0.375594373	0.000225088	0.003730279
YGL02_GNYA1SO04III91	8.56073544	0.600137994	0.067338051	0.650005643	-0.13370937	-0.774288077	-0.560348176	0.004437286	0.03103699
YGL02_GNYA1SO04JIDTA	7.75936212	0.600126888	0.018561619	-0.08567133	-0.158640244	-0.382845199	-0.274442177	0.000107833	0.002235341
YGL02_GNYA1SO04IXUMV	10.33605877	0.599955397	-0.240606895	0.530568595	0.114398629	-0.182573243	-0.53819051	0.002027067	0.01771499
YGL02.6926.C1	9.454704651	0.599847149	-0.136738825	0.142948673	-0.10317248	-0.101871028	-0.654443984	6.76E-05	0.001604808
YGL02.2029.C2	8.105076696	0.599745394	-0.506398782	0.287609593	0.229920206	-0.297506772	-0.587228742	0.003166433	0.024362556
YGL02.3801.C1	8.876180588	0.599705052	-0.210119729	0.317094058	0.395754615	-0.129307281	-0.575244703	0.005802187	0.03774908
YGL02_GNYA1SO04IH4FP	7.972891608	0.599691317	0.176917599	0.301053567	-0.022387123	-0.223501714	-0.369544192	6.69E-05	0.00159351
YGL02.15586.C1	5.642201259	0.599475954	0.016746393	-0.004091323	0.178327532	-0.033624675	0.079130803	0.001006412	0.010760255
YGL02.20755.C1	8.130079165	0.599459219	-0.029041193	0.174935511	-0.184544848	0.112761639	-0.116539972	0.000102546	0.002160362
YGL02.19561.C1	7.630315692	0.599433642	-0.02357478	-0.347030356	-0.073659171	0.116420838	0.441436291	3.56E-05	0.00103861
YGL02.19333.C1	6.62583864	0.59932975	0.835808622	1.363453936	-0.085744464	-0.417407846	-0.588015	0.006795976	0.042191097
YGL02_GNYA1SO04IS47W	9.673399903	0.598903278	0.045420448	0.209581437	-0.035556022	-0.356600301	-0.758166705	0.000189602	0.003305034
YGL02_GNYA1SO04ICALF	7.247296274	0.59884774	-0.313664703	0.158241988	-0.243034093	0.058828575	-0.2988018	0.000681356	0.008155476
YGL02_GNYA1SO04IL8ZW	9.891374254	0.598837906	0.341307612	0.35801796	-0.159648424	-0.284834568	-0.202419647	4.30E-05	0.001177918
YGL02.21634.C1	7.551556311	0.598830091	0.330395514	0.589497191	-0.42289541	-0.209184051	-0.633339385	0.000321255	0.004799385
YGL02.19996.C1	6.983822116	0.598802538	0.101127238	0.284609429	0.264620535	0.127352173	-0.177580317	0.000584874	0.007300557
YGL02_GNYA1SO04IAG3O	9.900243255	0.598585312	-0.256442378	0.136288385	-0.324621414	-0.030975516	-0.345698513	5.20E-05	0.001336616
YGL02.13789.C1	5.55063619	0.598543115	0.239774044	0.055559176	0.059760188	-0.141281845	-0.353813955	0.006416213	0.040532979
YGL02.13639.C1	7.264079057	0.598522049	-0.022468843	0.02932583	-0.333057354	-0.186773576	-0.59180828	5.94E-05	0.001466453
YGL02.12130.C1	7.838927637	0.598517538	0.180250782	0.328651307	-0.062013739	0.004990874	-0.207983757	0.004983673	0.03381335
YGL02_GNYA1SO04H56G7	8.608448982	0.59850047	-0.133107213	0.165772588	0.11405226	0.164483616	0.036211744	0.002387995	0.019916285
YGL02.2830.C1	8.07240134	0.598346497	0.835721677	1.284450129	0.153961548	-0.444027117	-1.053474894	0.000685891	0.008195195
YGL02.11018.C2	5.892723174	0.598331718	0.113806365	-0.332028598	0.462873768	-0.188767232	0.474499244	0.000217276	0.003638064
YGL02.1035.C2	7.588525387	0.598271412	0.570999541	0.388431896	0.239454055	-0.377311024	-0.334308658	0.003789905	0.027687264
YGL02.13925.C2	11.22614119	0.598235965	-0.071616492	0.357685559	0.219972062	-0.085549917	-0.679930268	0.000258423	0.004108681
YGL02_GNYA1SO04IU2ML	6.205274283	0.598189002	0.241811492	0.468212031	0.15460389	0.108173321	0.020209774	0.005029989	0.034051009
YGL02_GNYA1SO04JOQEI	8.779385031	0.598105313	-0.509452832	0.500837295	-0.332182607	0.054824114	-0.895699577	0.006143972	0.03930005
YGL02.19409.C1	7.64975706	0.597877214	-0.026082391	0.095536733	-0.158331146	-0.119491153	-0.278039649	0.000780282	0.00899139
YGL02.3296.C1	8.0897283	0.597856689	0.553731522	1.056930063	0.073478627	-0.295148867	-0.997462228	0.002570133	0.020976023
YGL02.1936.C1	13.93299753	0.5978369	0.11870981	0.105853744	-0.016082496	-0.188037415	-0.412446504	3.62E-05	0.001050401
YGL02_GNYA1SO04JJQZ7	9.77844557	0.59778549	0.29944545	0.236548402	-0.070007988	-0.237630762	-0.110857072	9.29E-06	0.000414294
YGL02.895.C1	12.39466468	0.597785281	0.136373222	0.228853994	0.00817301	-0.154107732	-0.784380563	0.00164318	0.015266771
YGL02_GNYA1SO04JUUL5	9.295474519	0.597677533	-0.12479155	0.259617839	-0.135190281	-0.032082	-0.395638914	0.000594729	0.007388104
YGL02.22451.C1	8.681287684	0.597628187	0.141690395	0.313036061	-0.040853664	-0.169432062	-0.172911227	9.43E-05	0.002039913
YGL02.23334.C1	4.548308211	0.597622158	0.280424333	1.113454747	-0.389094627	-0.058992337	-0.652486464	0.002494752	0.020545975

YGL02.3641.C1	7.424450994	0.597270393	0.209337165	0.267960891	0.189708953	-0.26646682	-0.183644754	7.70E-05	0.001763092
YGL02.242.C2	11.19747747	0.597250907	0.22350471	0.808698105	-0.090477813	-0.216443047	-0.577853021	4.49E-05	0.001216261
YGL02.4935.C1	8.782349601	0.596966783	0.328040799	0.450700445	-0.225475019	-0.170416051	-0.111936203	2.44E-05	0.000794382
YGL02.9926.C1	8.713811466	0.596950388	0.312658146	0.272054616	-0.241426774	-0.184560989	-0.260649315	1.08E-05	0.000456185
YGL02.16581.C1	8.55612616	0.596870779	0.345422031	0.704534013	0.001670242	-0.166665331	-0.332921769	0.000563627	0.007120831
YGL02_GNYA1SO04H0C4N	7.89583233	0.596780765	-0.102853538	0.516450516	-0.167382908	-0.194784993	-0.317926291	0.005451507	0.036082711
YGL02.2379.C7	8.313304078	0.596471085	-0.03180926	0.228303315	0.03550252	-0.020972912	-0.529085062	0.000305317	0.004638965
YGL02.698.C1	9.872094717	0.596461025	0.183526044	0.044645363	-0.119785006	-0.157593656	-0.07374397	3.76E-05	0.001078486
YGL02.10585.C1	10.88244927	0.59617621	0.185704419	0.38879679	0.522532451	-0.174830336	-0.572574701	0.003946846	0.028499383
YGL02.12077.C1	9.926421191	0.595933412	0.383570232	0.730828421	-0.122173187	-0.204312818	-0.719633458	0.000360813	0.005199703
YGL02.8296.C2	7.563499859	0.595455489	-0.220842096	-0.392777945	0.11627191	0.1191651	-0.350918164	0.005718463	0.037385324
YGL02.9402.C1	5.551322867	0.594959994	1.04154414	1.329407628	-0.111665762	-0.5506421	-0.643609068	0.005508864	0.036352726
YGL02_GNYA1SO04INQQH	7.482808478	0.594959648	0.300865412	0.342997863	0.037120675	-0.243724355	-0.478484159	0.00107054	0.011237144
YGL02.8295.C1	11.47128455	0.594836591	0.31603873	0.557994628	0.104404895	-0.162474257	-0.293982409	0.00038283	0.005423433
YGL02.2325.C1	6.768249561	0.594777268	0.388628771	0.137763848	-0.015136921	-0.259831888	0.217052802	0.006811322	0.042262055
YGL02_GNYA1SO04JH2KU	10.13478058	0.594381702	0.202298721	0.338382059	-0.161791542	-0.242453411	-0.316915071	1.94E-05	0.000680067
YGL02.15272.C1	8.158949046	0.594082408	-0.436280492	0.061914431	0.115505484	0.044414815	-0.262636324	9.70E-05	0.002079216
YGL02_GNYA1SO04ICY47	8.248287792	0.594064659	0.431503902	0.694329584	-0.417393368	-0.160746357	-0.566559337	0.006525782	0.041007197
YGL02.12495.C1	9.582585161	0.59372108	-0.129827877	0.672192363	-0.169316458	-0.111674865	-0.200032555	0.005220933	0.034982119
YGL02.396.C1	7.94555842	0.593598953	0.097105515	0.006864285	0.153655468	-0.405282213	-0.144651105	0.002628363	0.021320925
YGL02_GNYA1SO04I0K2W	7.568415885	0.593389763	-0.107029584	-0.016836444	-0.071276444	0.066024221	-0.21011888	0.005440476	0.036035483
YGL02.23013.C1	8.501467173	0.593126079	-0.162308232	0.023809403	-0.114440219	-0.457004573	-0.366166915	0.000565749	0.0071365
YGL02.11017.C1	6.909461355	0.593004091	0.823461487	0.964142479	-0.093283229	-0.299984439	-0.752688465	0.000432702	0.00589645
YGL02.9717.C1	7.108696817	0.592890598	0.502591199	0.399182532	-0.235302615	-0.210107575	-0.204748876	0.000119415	0.002396768
YGL02.9942.C1	10.6061398	0.592714176	0.244442326	0.140252551	0.141070141	0.026479027	-0.273608378	0.002287984	0.019314797
YGL02_GNYA1SO04JRQBE	6.961516575	0.592587286	-0.376876972	-0.309864685	0.145446127	-0.104301174	-0.092222871	0.001240129	0.012476232
YGL02.17095.C1	7.767597181	0.592529876	-0.059163162	0.130809424	0.032545714	-0.033298036	-0.072264218	8.85E-06	0.000401647
YGL02.1900.C3	6.368782989	0.592379438	0.535130298	0.093072146	-0.276812606	-0.682406287	-0.289015099	0.004185328	0.029761727
YGL02.1143.C1	7.330017698	0.592368993	-0.179922525	-0.364075222	-0.160995124	-0.107730086	-0.438772924	0.000445482	0.006022444
YGL02.2881.C3	8.293411989	0.592223675	0.046038963	0.184291191	0.256139429	-0.16457299	-0.226385706	8.44E-05	0.001884429
YGL02_GNYA1SO04IRP75	7.192245943	0.592176095	-0.324033861	-0.204834344	-0.05617068	-0.041487321	-0.168973626	0.001268657	0.012676571
YGL02_GNYA1SO04JHOSZ	11.89627619	0.591926296	0.233305525	0.634504804	0.124665965	-0.177263234	-0.77879521	0.000155352	0.002876164
YGL02.16960.C1	9.88556909	0.591881751	0.109950124	0.109294554	-0.272522809	-0.062433658	-0.391543879	7.34E-06	0.000355535
YGL02.18572.C1	4.245383468	0.591695565	0.499952583	0.36467227	-0.000647235	-0.556203361	-0.682080976	2.30E-05	0.00076388
YGL02_GNYA1SO04JP8X3	8.4111947	0.591610744	0.306458721	0.760781028	-0.046798999	-0.468855002	-0.71326178	0.003920029	0.028356343
YGL02.22311.C1	10.72543923	0.591581383	-0.054648454	-0.05528593	0.18212444	-0.131390648	-0.231010715	1.39E-06	0.000124027
YGL02.2488.C1	9.526481235	0.591534074	0.06504378	0.574642882	0.660589147	-0.101827958	-0.79906546	0.001608943	0.015032797
YGL02_GNYA1SO04H8R8D	7.231293562	0.591335425	0.394392022	0.322614188	-0.165809494	-0.402448644	0.017720023	0.002312365	0.019453399
YGL02.9975.C1	6.910282213	0.591154392	-0.730818282	-0.838274564	0.783911748	-0.290112003	-0.299245422	0.002111285	0.018208979
YGL02.17954.C1	7.045434538	0.591105337	0.12914919	-0.11256854	-0.083013263	-0.260774277	0.00315835	0.000261584	0.004149768
YGL02.8278.C1	7.923466118	0.590922237	-0.266265808	0.507544689	-0.147820948	-0.329098311	-0.49525623	2.12E-05	0.000722949
YGL02.3173.C1	7.983652268	0.590796341	-0.274038482	-0.323634469	-0.000397555	-0.14644247	-0.7705919	0.001237805	0.012460942
YGL02.7442.C1	7.267235227	0.590774732	0.094486318	-0.272639374	0.090491176	0.024964025	-0.280844782	0.000939487	0.010262469
YGL02.10510.C1	8.956589605	0.590690936	-0.084672306	0.53442166	0.271611711	-0.263172484	-0.886672903	0.000657856	0.007949141
YGL02_GNYA1SO04I79XF	7.732869653	0.590315314	-0.104360749	0.107527526	-0.026289602	0.074871306	-0.127404796	3.28E-05	0.000980074
YGL02_GNYA1SO04I70AC	6.701591841	0.59023999	0.077447169	-0.244164626	-0.033926982	0.167859506	-0.429870334	0.008308476	0.048759835
YGL02.9825.C1	8.308695885	0.590232643	0.20034257	0.308185309	-0.122468817	-0.319128591	-1.053186332	0.002530887	0.020757069
YGL02.12853.C1	7.654232604	0.590119244	0.40801535	0.798149885	-0.231364977	-0.420973598	-0.587882354	0.000622896	0.007643674
YGL02_GNYA1SO04JWECB	6.1106789	0.589832303	0.282175824	0.236328303	0.211123112	-0.002958821	0.13821914	0.004031119	0.028970593
YGL02.16571.C1	10.0978685	0.589791325	0.370910324	0.501512077	-0.111200922	-0.056735247	-0.346382792	5.69E-05	0.001422743
YGL02.2128.C1	11.69381002	0.589634505	0.427261874	0.686803469	0.206216646	-0.168639547	-0.492112939	7.98E-05	0.001809302
YGL02.3167.C2	7.214817927	0.58955878	0.920435243	1.670839932	-0.105743474	-0.451754317	-1.070782688	0.003644093	0.026919097
YGL02_GNYA1SO04H3QLX	7.959426834	0.589497804	0.077528805	0.075584254	-0.167131496	-0.063072684	-0.332674336	0.000235285	0.003846599
YGL02.12579.C2	10.46053823	0.589454742	0.209494095	0.720948255	0.085338052	-0.053084939	-0.201388754	0.00053943	0.006897216
YGL02_GNYA1SO04JGYE8	9.521202394	0.589450293	0.112145869	0.24338523	-0.137510706	-0.042642266	-0.407461001	0.000257131	0.004094999
YGL02.518.C1	8.512636447	0.589439678	0.067526964	0.147002983	0.073531825	-0.141418676	-0.068822196	0.000152758	0.002840185
YGL02.12499.C1	9.239383084	0.589424196	0.360243654	0.910578657	0.030338327	-0.178950127	-0.606467647	0.000177498	0.003150448
YGL02_GNYA1SO04JNSXS	7.568259939	0.589091163	-0.000709257	0.400274414	0.486905201	0.004031754	-0.376793209	0.006461829	0.040741653
YGL02.314.C1	5.926350748	0.588988773	0.237080484	0.684982355	-0.166700897	-0.005032672	-0.462706608	0.00047129	0.006262806
YGL02.15161.C1	10.18176039	0.588894538	-0.010717189	-0.051519854	-0.284660434	-0.038596286	-0.271672461	4.53E-05	0.001223023
YGL02.4296.C1	5.588625754	0.588829389	0.709762186	0.592810206	0.19486212	-0.628036417	-0.223804109	0.000917719	0.010092791
YGL02.10386.C1	7.114488211	0.588661331	0.363584942	0.297521499	0.092841921	-0.679006232	-0.572075005	0.002002238	0.017562653
YGL02.18441.C1	6.062133117	0.588475694	-0.990240724	-0.234900137	0.300885272	0.598397087	-0.32413574	0.003800706	0.027731752
YGL02.17778.C1	6.716516586	0.588283791	-0.014246098	0.042269324	0.195711845	-0.088155004	-0.068840568	0.000371779	0.005312798
YGL02.14937.C1	6.144401832	0.588008443	0.339177589	-0.126749525	-0.208827768	-0.379547217	-0.008730552	0.000257151	0.004094999
YGL02.9615.C1	7.055054592	0.587756954	-0.171052513	0.141607199	-0.329195756	0.351226798	-0.162887287	0.00469883	0.032387069
YGL02.418.C1	8.332444427	0.587634958	0.346039222	0.696215249	0.024138049	-0.405808951	-0.828873889	0.000774852	0.008945499
YGL02_GNYA1SO04ICKSQ	9.850042408	0.587630245	0.351033307	0.187489177	0.177853788	0.013158901	-0.411593243	0.002839718	0.02255642
YGL02.8454.C1	7.617242707	0.587375374	0.336862901	0.112928813	-0.028795937	-0.247553188	-0.103578171	3.41E-06	0.000217403
YGL02_GNYA1SO04JPI63	10.62938533	0.587340768	0.094965567	0.473726041	0.037042445	-0.249027365	-0.437943678	0.005799073	0.037735151
YGL02.2312.C1	8.655761472	0.587206605	0.222206329	0.392095101	0.223757975	-0.190236146	-0.083144677	0.005246364	0.035116176
YGL02.13847.C1	9.329362007	0.586984962	0.295622492	0.321727451	-0.041477232	-0.305827689	0.105090328	2.08E-05	0.000713167
YGL02.19970.C1	7.017402551	0.586809266	-0.019245295	-0.064391136	-0.268908678	-0.422995434	-0.199248438	0.002560758	0.020925887
YGL02.14328.C2	10.07152203	0.586785785	0.367783551	0.430079383	0.033517357	-0.272326082	-0.288055856	0.00033953	0.004990743
YGL02_GNYA1SO04JAHS6	10.86590516	0.586731489	-0.154334813	-0.271164783	0.099642786	-0.009815671	-0.529188381	0.001144629	0.01179869
YGL02_GNYA1SO04IMO2P	9.704731458	0.586684421	-0.022474854	0.189579478	0.104100857	-0.021944151	-0.493650206	0.002333736	0.019583834
YGL02_GNYA1SO04I3LI1	10.07760213	0.586499372	0.20631787	0.633070034	0.026383102	-0.221143097	-0.562205965	0.000161447	0.002951311
YGL02.5959.C1	10.24282166	0.586474929	0.148263761	0.238720423	-0.497726744	-0.096589612	-0.448023763	0.000204054	0.003475542
YGL02_GNYA1SO04JUQKA	6.86531567	0.586206898	0.085292632	0.411386983	0.226550684	-0.278950038	-0.41189291	0.003123054	0.024130591
YGL02.11033.C1	8.725333102	0.586116124	0.333821394	0.284403189	-0.15900507	-0.069760782	-0.56919983	0.000341679	0.005013225
YGL02.2066.C1	10.60846895	0.585963065	0.149740495	0.699719842	-0.005615566	-0.099443793	-0.391264662	1.53E-05	0.000576194
YGL02.10679.C1	6.685543269	0.585905207	0.440244349	0.248776031	0.606110908	-0.576486437	-0.189108507	0.002369959	0.019806682
YGL02_GNYA1SO04IG7UY	8.412207952	0.585849934	-0.477370924	0.15136228	0.173688667	-0.123816878	-0.584432206	0.00169775	0.015636904
YGL02.7571.C2	7.296734527	0.585734931	0.085641185	0.295900133	-0.183153109	0.031983027	-0.324850862	0.000733807	0.008611362
YGL02_GNYA1SO04IRM0K	10.56598081	0.585194902	0.294286969	0.752326579	0.320970588	-0.197354472	-0.894000393	0.000222253	0.003696709
YGL02_GNYA1SO04IGPBF	6.93215175	0.585140537	0.312903701	0.516329105	-0.609366975	-0.471386874	-0.488596786	0.000257855	0.00410369
YGL02.15463.C1	10.76255842	0.585054005	0.28033619	0.511308323	-0.050472642	-0.047627385	-0.317472478	4.54E-06	0.000260162
YGL02.3690.C1	5.453511872	0.585035812	-0.146869609	-0.042921551	-0.012085375	-0.113949241	0.199908071	0.00105215	0.011109849
YGL02_GNYA1SO04JK6OI	7.82105804	0.584902638	0.166434225	0.480653629	-0.004125292	-0.195906515	-0.336915533	0.001260515	0.012619552
YGL02.12246.C1	8.353975168	0.584819635	-0.132082892	-0.087143388	-0.364774528	0.130908439	-0.059835089	1.11E-05	0.000464885

YGL02.7496.C2	6.818179869	0.58480144	0.059614111	-0.102005132	-0.381170355	-0.129810283	-0.505917632	0.006228017	0.039684821
YGL02_GNYA1SO04IVB49	7.683728459	0.584741875	0.276090139	0.573856472	-0.0192046	-0.251390098	-0.560343512	0.000702255	0.008330932
YGL02_GNYA1SO04I59KW	9.809503518	0.584552151	0.183521789	-0.211908474	0.231122027	-0.346007905	-0.371719831	0.001594832	0.014944126
YGL02.11374.C1	5.98808567	0.584551551	0.277776307	1.058291437	-0.141792659	-0.436872258	-1.176721788	0.006770167	0.042089381
YGL02.13958.C1	6.707331915	0.584317383	0.198863183	0.281320051	-0.194694134	-0.230283458	-0.317513998	0.000145521	0.002751452
YGL02.9495.C1	5.530349381	0.584295779	-0.427876907	0.280007792	0.76075886	0.148850654	-0.40900655	0.00383299	0.027901287
YGL02.8441.C1	7.116689949	0.584246721	0.069305774	-0.17962015	0.113428907	-0.274951062	-0.51768158	0.000915951	0.010078477
YGL02.3871.C1	7.216460834	0.584079474	-0.435303796	-0.091652607	0.028279775	-0.133640823	-0.166536146	0.006500068	0.040895137
YGL02.13263.C2	8.702066408	0.583891319	0.390246998	0.412601672	-0.080554356	-0.383962595	-0.425572967	0.000458341	0.006144225
YGL02.17855.C1	7.531022899	0.583886648	0.162280255	0.387504362	-0.165741401	-0.329752349	-0.619076785	5.13E-05	0.001324597
YGL02.20175.C1	8.264540267	0.583869591	0.095953485	-0.191073666	-0.383705246	0.025027666	0.118186127	0.000108587	0.002248814
YGL02.13266.C1	7.823578672	0.583822976	-0.162552057	0.64466369	-0.252050411	-0.046170053	-0.543483215	0.003460133	0.02593354
YGL02_GNYA1SO04I0FLA	7.108358834	0.583702007	0.836713729	0.59860648	0.027103361	-0.474808663	-0.746402787	0.00063441	0.007748747
YGL02.7339.C1	6.014742357	0.583596652	0.201565593	0.217696617	0.28814155	-0.328275764	-0.180091517	0.004248423	0.030071684
YGL02.7111.C2	7.822232837	0.583548896	0.536531424	0.829339812	0.172952142	-0.316674841	-0.600633213	0.001019797	0.010857286
YGL02.21241.C1	6.744361253	0.583466369	0.118465954	0.103507305	-0.173346087	-0.120465419	-0.271230234	0.000357781	0.005174144
YGL02.3487.C1	8.143477377	0.583401827	0.271546155	0.32672595	-0.108315953	-0.314118871	-0.272990647	6.76E-05	0.001604808
YGL02_GNYA1SO04JCXPZ	5.781005057	0.583373175	0.205711296	0.812208816	-0.030305283	-0.110365865	-0.640153895	0.001406812	0.013652509
YGL02.5184.C1	8.449432691	0.583245058	0.025896026	1.030654926	-0.431071556	-0.427537253	-0.511093839	0.002070951	0.017973458
YGL02.15452.C1	11.01065104	0.5832412	0.457471437	0.660324549	0.035843805	-0.226695678	-0.569601892	6.52E-05	0.001562008
YGL02.8963.C1	10.11826002	0.583122299	0.168863296	0.633135802	0.204836706	-0.233290102	-0.721315336	0.000673997	0.008092072
YGL02.5747.C2	8.320478673	0.58310258	0.294496135	0.232232064	0.160394723	-0.07713506	-0.178476334	0.002545174	0.020847775
YGL02.12969.C1	8.780288521	0.583036621	-0.032449508	0.448908413	0.199347351	-0.044287844	-0.383798879	0.00013679	0.002633663
YGL02.22382.C1	7.756086519	0.583008726	-0.032159002	0.561708773	-0.463027733	-0.39147064	-0.880616747	0.008500464	0.049580074
YGL02.13219.C1	8.355375376	0.582878225	0.293187554	0.401998592	0.061962396	-0.376682028	-0.70264189	3.80E-05	0.001083405
YGL02.3400.C1	9.82532667	0.582855383	0.000684614	0.015269079	-0.047039655	0.046102694	-0.394893384	0.001537732	0.014569285
YGL02_GNYA1SO04I5X0F	8.048163817	0.582744398	-0.022056147	0.299301516	-0.23610716	-0.011471254	-0.202618493	0.001130328	0.011681963
YGL02.23485.C1	6.047544184	0.582649026	-0.437239484	0.903439207	0.027119545	0.104157946	-0.52151669	0.00292248	0.023010381
YGL02.4999.C1	7.66954317	0.582616057	-0.18006857	0.392772103	-0.068806845	0.08687056	-0.062572389	0.000801762	0.009170861
YGL02.4979.C1	8.569733343	0.582571018	0.06921443	-0.102191626	-0.095898165	0.08107579	0.175704013	0.003279309	0.024981669
YGL02.2114.C1	7.111397332	0.582467284	0.088732531	0.149169274	0.073946518	-0.074625279	-0.02051244	0.000112666	0.002304172
YGL02.4192.C1	8.132399309	0.582363726	0.120469277	0.078653107	0.373963937	-0.284098838	-0.271638945	1.35E-05	0.000526261
YGL02.1039.C1	9.52382793	0.582344884	0.400274429	0.558247	-0.373667861	-0.161041448	-0.388240301	0.001270567	0.012686324
YGL02.11614.C1	2.813164655	0.582285685	0.020006244	0.055814667	0.167421669	-0.687439316	-0.531149662	0.008061023	0.047770681
YGL02_GNYA1SO04JUEMG	8.423868739	0.582216593	-0.098781782	0.440047911	-0.165290933	-0.235577439	-1.095930432	0.000418683	0.005771611
YGL02.13151.C1	6.033362358	0.582167039	-0.012561841	0.805725424	0.111761413	-0.28033444	-0.663997036	0.002162821	0.018540339
YGL02.14315.C1	5.698329698	0.582164825	0.05535015	1.067802768	0.013786897	-0.102660737	-0.323558313	0.002680039	0.021619585
YGL02.15744.C1	6.5446696	0.58204714	0.170993252	0.076301154	-0.009613143	-0.317099155	-0.372252696	0.000565118	0.007131315
YGL02.1136.C3	9.580409791	0.5819882	0.172692735	0.315736359	0.04395184	-0.22538262	-0.548154287	0.007030728	0.043266287
YGL02_GNYA1SO04JK2AA	8.174174482	0.581937192	0.225652716	0.499645155	-0.126110037	-0.063184454	-0.524682819	0.000505873	0.00657131
YGL02.12682.C1	5.55395339	0.581796814	0.733822143	0.364145048	-0.384656502	-0.365201349	-0.217224311	0.00582791	0.037865718
YGL02.4277.C1	9.258652207	0.581765802	-0.054254471	-0.077114369	-0.054594328	-0.367757686	-0.768175233	0.000196875	0.003392085
YGL02_GNYA1SO04I7P4Y	7.015022797	0.581615457	-0.346615443	0.324373816	0.086841371	-0.310249763	-0.310387424	5.11E-05	0.001320243
YGL02.10244.C1	9.812116699	0.581426921	0.176050674	0.229842587	-0.130080026	-0.443524935	-0.661708905	5.46E-05	0.001383433
YGL02_GNYA1SO04I0VUO	7.612972435	0.581346241	-0.420883378	-0.17561446	0.130954431	-0.21408976	-0.38489323	0.001668046	0.015423661
YGL02.18391.C1	9.379067168	0.581301129	0.114818714	0.128271691	-0.026608704	-0.031627331	-0.043081413	6.88E-06	0.000340599
YGL02.1910.C2	8.125723411	0.581176018	0.176489113	0.469926889	-0.197705129	-0.149648762	-0.484842514	0.000250551	0.004019052
YGL02.21093.C1	6.827710564	0.580969972	0.431265422	0.412381989	-0.178904859	-0.17760987	-0.525741599	0.003165425	0.024357697
YGL02_GNYA1SO04H6Q95	9.566541554	0.580963197	0.173048695	0.488083539	0.026847968	0.091978181	-0.445280277	1.69E-05	0.000616176
YGL02.5406.C2	12.0441435	0.580885453	0.328674091	0.574367896	0.016798646	-0.120998161	-0.44331027	5.77E-05	0.001438526
YGL02.14909.C1	2.896779301	0.580823109	-0.027627243	0.000170667	-0.038096102	0.001888669	-0.314415679	0.002428586	0.020154868
YGL02.1626.C3	7.616719949	0.580736564	-0.097930044	0.298379427	-0.31622229	-0.171890759	-0.668741568	0.000364969	0.005244423
YGL02_GNYA1SO04JIPC0	9.509263946	0.580729257	0.088251488	0.289942852	-0.047457751	-0.052849294	-0.127754595	0.004753576	0.032658377
YGL02.1165.C1	9.197916955	0.580697303	0.067639221	-0.042494366	0.02983325	-0.051131863	-0.208918892	3.87E-05	0.001098428
YGL02.18860.C1	7.897757883	0.580435682	0.215603484	0.434380171	-0.300536805	-0.049443552	-0.093046008	0.000675039	0.008097826
YGL02.2283.C1	11.45654984	0.580347489	0.354320864	0.367095207	-0.071663083	-0.342439541	-0.466776951	3.97E-05	0.001114356
YGL02_GNYA1SO04IFF4C	8.221537329	0.580304374	0.472800789	0.365573161	0.266424471	-0.411546856	-0.501530012	0.001160442	0.011897297
YGL02.20356.C1	7.347583185	0.580004354	0.214680305	0.281113834	-0.067998346	-0.366934827	-0.426963347	0.001777537	0.016152354
YGL02.11098.C1	8.633702367	0.579860162	0.401963587	0.546222403	0.155668408	-0.37628071	-0.624968139	8.07E-05	0.001823988
YGL02_GNYA1SO04JMTWK	7.027466047	0.57972435	0.14982755	0.372568329	0.154628275	-0.165484731	-0.182876932	8.83E-05	0.001947086
YGL02_GNYA1SO04IFIL2	8.45169056	0.579707128	0.195848185	0.411649798	0.045253207	-0.239756296	-0.172656522	0.005154679	0.034649857
YGL02.20487.C1	7.937866312	0.579495845	0.118805918	0.316518891	-0.255913929	-0.092287069	-0.533849679	3.88E-05	0.001099021
YGL02_GNYA1SO04JOAUQ	8.128386326	0.579350302	0.254312595	0.558886145	0.505357834	-0.385306442	-0.682913423	0.000152509	0.002837582
YGL02.12589.C1	9.175131013	0.579349641	0.230306528	0.517870604	0.449602499	-0.304646404	-0.154357364	0.000130132	0.00254413
YGL02.16498.C1	7.084750237	0.579098541	-0.354460334	0.166084679	-0.031371561	-0.152106214	-0.673673624	0.000233827	0.003829049
YGL02_GNYA1SO04JEO11	10.03866173	0.579055145	-0.119072	0.422524231	-0.254266946	0.025534784	-0.439320401	0.005085866	0.034307973
YGL02_GNYA1SO04IZNSZ	7.887569018	0.578937235	-0.295402959	0.453325221	0.221704448	0.050551834	-0.339262334	0.001256416	0.012591673
YGL02_GNYA1SO04JSSVO	8.25276393	0.578916881	-0.536602843	0.24778258	0.04758465	-0.071959825	-0.442782665	0.00733307	0.044633227
YGL02_GNYA1SO04I9HJI	9.928161256	0.578721719	0.179023202	0.225710903	0.215795816	-0.316388192	-0.191875261	7.43E-06	0.000358518
YGL02.18811.C2	7.289861772	0.578580496	-0.248657523	0.072672535	-0.078075474	-0.046522791	-0.276328607	0.001019848	0.010857286
YGL02.12892.C1	6.131764479	0.578496721	0.162356279	0.119480817	-0.01500229	-0.204489645	-0.497852286	0.005848298	0.037960094
YGL02.7571.C3	9.213990614	0.578414622	-0.346309915	-0.060723097	0.105084023	-0.134920405	-0.282628525	0.000136866	0.002634647
YGL02.21869.C1	7.982957616	0.578253261	0.361002699	0.184187173	0.079846991	-0.33142405	-0.210871356	9.35E-06	0.000415689
YGL02_GNYA1SO04IL4HT	10.55824578	0.578162065	0.204930926	0.55979858	-0.031965825	-0.154453509	-0.377622367	0.002579464	0.021033
YGL02.6138.C1	9.17246543	0.577980243	0.072898078	0.106916867	-0.315530783	-0.159416336	-0.150369427	0.000254107	0.004060648
YGL02_GNYA1SO04I34TI	6.969299078	0.577919708	0.297699718	0.597319225	-0.083210069	-0.388017647	-0.489153145	0.002243991	0.019041766
YGL02.7250.C1	9.916961274	0.577860623	0.454513457	0.498437881	0.041429388	-0.222879775	-0.761978798	0.000968121	0.010476662
YGL02.980.C1	7.611484691	0.577840462	0.047213359	1.287621018	-0.185876752	-0.335736259	-0.916621246	0.002629663	0.021326739
YGL02.9524.C2	7.792522249	0.577796224	0.084288012	0.39337719	0.165822495	0.095634955	-0.179655085	1.27E-05	0.00050376
YGL02.1588.C1	9.467969545	0.577735294	0.216563291	0.62913278	-0.770315635	-0.262966717	-0.36853795	0.001100065	0.011456977
YGL02_GNYA1SO04IPK09	7.019375807	0.577671163	0.323653324	0.722577916	-0.350427594	-0.189052984	-1.26495666	0.007405656	0.044952482
YGL02.479.C49	7.220112876	0.577558129	0.182430725	0.496242141	-0.286143003	-0.157548317	-0.58056493	0.000580126	0.007262669
YGL02.18028.C1	8.550772814	0.577507201	0.053931606	0.638469687	-0.129990321	-0.601494117	-0.528336554	0.000398878	0.005582817
YGL02_GNYA1SO04H91RG	8.181502087	0.577334076	0.360036397	0.938824575	-0.091639028	-0.256107527	-0.872711229	0.000525995	0.006765519
YGL02_GNYA1SO04IVXMA	8.878654946	0.57722603	-0.17705566	0.026671685	-0.037755504	-0.183853752	-0.186634108	0.000108912	0.002253729
YGL02.20450.C1	6.558925787	0.57707479	0.020599633	0.577366911	-0.189116479	-0.172237163	-0.360748252	0.00307267	0.023849442
YGL02.20735.C1	2.80932916	0.577025451	-0.013614174	-0.009397526	0.05225043	-0.489196746	-0.503498202	2.26E-05	0.000753984
YGL02.11630.C1	7.794535729	0.576925016	0.39536619	0.222786334	0.033484361	-0.345402225	-0.212020834	9.28E-05	0.002019458
YGL02_GNYA1SO04IGOKG	6.964159849	0.576786012	0.184134175	0.224874963	0.092348031	0.057139571	-0.315846158	0.001692887	0.01559877
YGL02.9423.C1	7.711424652	0.57674965	0.165942432	0.132151308	-0.38238753	-0.255805098	-0.655627529	0.000259457	0.004123093

YGL02.7798.C1	6.875693131	0.576611795	0.679775282	0.307451756	0.240264387	-0.287542671	-0.27332515	0.002788139	0.022271025
YGL02_GNYA1SO04H2Y38	10.73181501	0.57617681	0.346227803	0.177344312	-0.32697089	-0.097946367	-0.277753997	0.006963713	0.042927863
YGL02.6841.C1	6.577729442	0.57598046	-0.050652814	0.20348975	-0.389059088	0.058791569	-0.334083121	0.00193113	0.017133267
YGL02_GNYA1SO04IY4BU	9.513136756	0.575924642	0.201843411	0.475649996	-0.222955095	-0.028275346	-0.177683223	0.003022324	0.023564047
YGL02.22124.C1	5.548145124	0.575892201	0.24598821	0.392252533	0.012831038	-0.136946976	-0.150266328	0.001729956	0.015842265
YGL02.3298.C1	7.705212617	0.57585917	0.035966058	0.016547282	-0.240451043	0.125827649	0.026025633	0.000313146	0.004720258
YGL02.3098.C1	7.407293495	0.575447075	0.01059573	0.285592296	-0.565771505	-0.121136654	-0.377036566	0.000261369	0.004147878
YGL02.3199.C1	9.198422422	0.57524293	0.199481921	0.091932841	0.141717735	-0.256747459	-0.219372414	0.000169829	0.003059484
YGL02.15634.C1	7.37082647	0.575056403	-0.096335028	0.014838366	-0.164416808	0.011059294	-0.097647961	0.000119191	0.002393765
YGL02.16482.C1	5.474230027	0.575010108	0.096871484	0.172801776	0.207134544	-0.011029747	-0.11696194	0.005243421	0.035101919
YGL02.7248.C1	5.462094195	0.574957109	0.281922062	-0.091809137	0.546502343	-0.295779888	0.072890314	0.001957966	0.017296698
YGL02.7046.C4	7.459576455	0.574545771	0.031037208	0.584993777	0.195122864	-0.178287482	-0.089819368	0.000267358	0.004213999
YGL02_GNYA1SO04JDOUR	11.01673026	0.574517913	0.150223827	0.602482016	0.101206878	-0.223210862	-0.687039632	0.000236793	0.00386442
YGL02.21888.C1	7.217409706	0.574474998	0.576052076	0.613074444	0.439103482	-0.187419478	-0.510929568	0.000238912	0.003890175
YGL02.148.C1	8.606887626	0.574432371	0.600617544	0.936035434	0.038675515	-0.078932748	-0.668088595	8.23E-05	0.001853041
YGL02.6822.C1	10.31383168	0.574298209	-0.159960724	-0.041296448	-0.168679073	-0.107302386	-0.422308499	0.000169869	0.003059484
YGL02.16313.C1	9.485049145	0.574290679	0.023659509	0.098303902	0.01396645	0.045659616	-0.132746826	1.32E-05	0.000518542
YGL02.15950.C1	6.006713182	0.574256569	0.467495769	0.47444376	0.572548966	-0.223600209	0.020300202	4.26E-06	0.000250321
YGL02_GNYA1SO04IQLUV	7.56167111	0.574054771	0.173504594	1.07748523	0.243334935	-0.09425084	-0.862460868	0.004036769	0.029001374
YGL02.11189.C2	11.3103737	0.573681707	0.316317279	0.697548271	0.45949691	-0.136312227	-0.646005486	0.000174132	0.003114605
YGL02_GNYA1SO04IEOJ9	8.111466911	0.573436831	-0.23230056	0.195513083	0.064407753	-0.095470264	-0.489891473	5.16E-05	0.001329034
YGL02.6340.C1	6.625097184	0.573430917	-0.158259104	0.225938334	-0.010128548	0.115241116	0.00726318	0.005737796	0.037454991
YGL02.174.C1	8.92074462	0.573288498	0.12622053	0.149267623	0.137288668	-0.191461687	-0.263932716	5.22E-05	0.00133755
YGL02.21288.C1	7.804435125	0.573061822	0.449266461	0.583517491	0.29473956	-0.236346608	-0.777899311	0.001254131	0.012575089
YGL02_GNYA1SO04IZOQC	9.55768584	0.572867381	0.194051078	0.306369909	-0.138631868	-0.058864451	-0.089386898	0.001949582	0.017244425
YGL02.13814.C1	7.189257983	0.572788802	-0.036033642	0.343547085	-0.186190753	-0.028669758	-0.027265121	0.001944495	0.01721645
YGL02_GNYA1SO04JA8YR	12.10084213	0.572651981	0.025677296	0.407967818	0.065687102	0.02668595	-0.257061013	0.006078676	0.039021229
YGL02.12500.C1	8.268339808	0.572562531	0.187793609	0.369814218	0.13747535	-0.388112609	-0.878188586	0.001426363	0.013792477
YGL02.3314.C1	9.636994909	0.572340013	0.119847857	0.478175654	-0.074366823	-0.375283285	-0.660803779	0.000785145	0.009029711
YGL02.14424.C1	8.854656255	0.572271083	0.289246832	0.646625519	-0.013826201	-0.237228081	-0.431434879	6.00E-05	0.00147631
YGL02.18641.C1	5.831038221	0.572139851	-0.034639015	0.532315899	-0.193783027	-0.079423446	-0.562405575	0.007343062	0.044679343
YGL02_GNYA1SO04H84CR	12.7312638	0.571717212	-0.100391264	0.046297353	-0.193597004	-0.523350914	-0.836555538	6.32E-05	0.001529107
YGL02_GNYA1SO04ICD5X	6.905234654	0.571627662	0.333718007	0.28389932	0.123472559	-0.454400013	-0.156896076	0.008066267	0.047786448
YGL02_GNYA1SO04JITIK	8.053438738	0.571565451	0.402730923	0.319542922	-0.526412477	-0.302122843	-0.517054643	0.004871531	0.033246515
YGL02.16350.C1	11.11134513	0.5715118	0.224294814	0.553468636	-0.071265223	-0.255513437	-0.569912999	2.11E-05	0.000721728
YGL02.6753.C1	7.401047656	0.571431503	0.093952451	0.096138572	0.143571793	-0.019371988	0.197238692	0.000160575	0.002939517
YGL02.6688.C1	8.362152897	0.571335504	-0.593846477	0.376078322	0.059506107	0.142353311	-0.227189554	0.001170615	0.011980724
YGL02.22443.C1	6.546649917	0.571255904	0.070439649	0.180121025	-0.042450717	-0.505901637	-0.549649033	0.004058572	0.029110429
YGL02.577.C1	9.596526042	0.571195663	0.515859254	1.211481708	0.132278358	-0.313322172	-0.878696927	0.000111019	0.002282387
YGL02.11227.C1	10.85413174	0.571095324	0.462183773	0.747849014	-0.045730766	-0.161472926	-0.513453511	0.000175346	0.003126384
YGL02.20050.C1	6.874897934	0.571072257	-0.071540114	0.367519599	-0.114047535	-0.285890629	-0.295008709	0.003885115	0.028176183
YGL02.9301.C1	7.242844487	0.571034144	0.00185596	0.157447552	-0.321666964	0.02877751	-0.187356517	0.004146537	0.029569565
YGL02_GNYA1SO04ITW3L	7.925571275	0.570342591	0.243879991	0.496646356	0.131807502	-0.144875045	-0.027454462	5.15E-05	0.001327222
YGL02.2669.C2	7.987837559	0.570331134	-0.144519764	-0.027115657	0.259882571	-0.109735131	-0.189911692	6.08E-05	0.001489187
YGL02_GNYA1SO04JJ3Z9	12.5576953	0.570260786	-0.143151371	0.071530772	0.256767317	-0.107991461	-0.225299509	8.19E-05	0.001844883
YGL02.4183.C1	6.819105035	0.570136883	0.163473316	0.279240762	0.056346996	0.024631032	-0.380823827	0.000784554	0.009025319
YGL02.3746.C3	8.346136553	0.570033361	0.49292507	0.853815977	0.284297423	-0.357574256	-0.580159989	0.000194522	0.003364069
YGL02.6665.C1	7.35078674	0.569945204	-0.066812198	0.075551723	0.198430932	-0.097904767	-0.28321845	0.001151288	0.011840936
YGL02.4485.C2	6.969578717	0.569889071	0.19608939	0.689736604	-0.24381592	0.053924285	-0.172367694	0.002001628	0.017562601
YGL02.20760.C1	6.244874419	0.569613319	-0.134239917	0.358822113	0.143022242	-0.069068316	-0.051079758	0.000410573	0.005694979
YGL02.9946.C1	6.432874818	0.569353495	0.244265161	0.433460004	-0.183842044	-0.242856873	-0.196967119	0.002551529	0.02087946
YGL02.11199.C1	9.65281661	0.56926132	-0.170178581	-0.455309553	-0.081030833	-0.297043405	-0.373098692	9.99E-05	0.002122384
YGL02_GNYA1SO04H20TO	6.812228187	0.569179959	-0.420074425	-0.159773187	-0.09883191	-0.099218337	0.0999318	0.007442686	0.045113815
YGL02_GNYA1SO04I0M85	9.140352473	0.569167545	0.115981826	0.084612405	0.121391211	-0.006570209	-0.371498268	0.000158595	0.002915008
YGL02.3331.C1	9.44492486	0.569020854	-0.186977882	0.268256627	-0.418129975	-0.028028042	-0.389136653	0.000126225	0.002487968
YGL02_GNYA1SO04H76FO	10.42894341	0.568993314	0.054925463	0.239726853	-0.277416547	-0.113040131	-0.380308524	0.00051962	0.006705495
YGL02_GNYA1SO04I56LB	7.198207248	0.568766974	0.005031288	-0.019264158	-0.102799923	-0.177945161	-0.059731985	0.008230754	0.048468222
YGL02.1373.C1	8.171375445	0.568729522	-0.671010485	-0.41010719	-0.134449792	0.172279505	-0.765808565	0.0006303	0.007708965
YGL02_GNYA1SO04JMX3H	9.53387872	0.568644435	0.313036529	0.05699238	-0.194876181	-0.277226528	-0.133053357	0.000225717	0.003736464
YGL02.6777.C1	11.89205075	0.568437536	0.266293548	0.575964408	0.036067356	-0.163633285	-0.558351664	0.000207414	0.003514275
YGL02_GNYA1SO04IIFKZ	9.560174892	0.568310256	0.395825982	0.491384674	0.092273437	-0.218288967	-0.427600817	0.000418284	0.005768564
YGL02_GNYA1SO04JYZH0	8.248530563	0.568299312	0.374419446	0.283441958	-0.137112234	-0.21212449	-0.410025058	0.00601201	0.038721885
YGL02_GNYA1SO04IH3WX	7.365154885	0.568213963	0.09472918	0.101468174	0.260786484	-0.197807139	-0.167488765	0.000335926	0.004952938
YGL02.9783.C2	11.45978811	0.568146147	0.387892267	0.544295515	0.038879009	-0.245971701	-0.674059745	2.12E-05	0.000722855
YGL02.8790.C1	7.827047784	0.56810249	0.249170186	0.284191596	0.129575478	0.072237248	-0.425828149	0.000426643	0.005837881
YGL02.15452.C4	10.89837953	0.568064848	-0.063875124	0.134355268	0.265574752	-0.260416784	-0.616640658	0.00041639	0.005750405
YGL02.2169.C1	8.913571496	0.567840172	0.289315845	0.218638869	-0.083497379	-0.16363293	-0.161055493	4.01E-05	0.001122633
YGL02.1435.C1	2.792204578	0.567796151	0.0763193	0.048999016	0.066168327	-0.586385874	-0.548805655	0.003464386	0.025956398
YGL02.22480.C1	6.83094365	0.567785379	0.237155945	0.157546359	-0.52394198	-0.26915576	-0.183786587	0.007297982	0.044477197
YGL02.12439.C1	8.551501036	0.567698457	0.117016319	0.179399065	0.016864784	-0.218708171	-0.367146528	0.000103614	0.002174321
YGL02_GNYA1SO04H5F4N	9.283092507	0.567604985	0.201732718	0.413485092	0.044734625	-0.015735341	-0.668056066	0.003094802	0.023973056
YGL02.141.C1	10.35941976	0.567549373	0.002576684	0.538390624	-0.130668742	-0.120922069	-0.434254387	1.19E-05	0.000484191
YGL02_GNYA1SO04H3XVD	7.807796891	0.567447922	-0.304684592	0.055054602	-0.199389704	-0.260354799	-0.461932181	0.006241874	0.03974183
YGL02.5680.C1	10.79408752	0.567396425	0.445229673	0.503484508	-0.035039326	-0.112408887	-0.579416438	0.000385637	0.00545128
YGL02_GNYA1SO04IP4E9	6.48956656	0.567330427	0.096187812	0.21370807	0.13033032	-0.415377246	-0.54952253	0.005957329	0.038457682
YGL02.6524.C5	6.61753213	0.567329606	-0.018122144	0.26169869	-0.042063721	-0.036690436	-0.148579949	0.00780711	0.046725685
YGL02.21872.C1	5.888038492	0.567176831	0.072572659	0.639884989	0.290721067	0.065817021	-0.28325121	0.006225309	0.039671467
YGL02_GNYA1SO04JR2LK	8.709167771	0.566930975	0.153868619	0.708569814	-0.340538507	-0.219124351	-0.26507526	0.000214833	0.003606092
YGL02_GNYA1SO04I7ZVU	7.83644328	0.566720005	0.44204536	1.432961861	0.146402759	-0.68510446	-0.963793285	0.00320174	0.024554217
YGL02_GNYA1SO04IL3I0	9.449138849	0.566675392	0.235181566	0.926027716	0.201060828	-0.149409401	-0.532941641	0.00159531	0.014945923
YGL02.1785.C1	7.626580262	0.566356794	0.156773313	-0.087562089	-0.020148764	-0.01281069	0.212755761	5.51E-05	0.001393222
YGL02_GNYA1SO04JTVX6	7.826346911	0.566051153	0.116309838	0.522736951	-0.471697241	0.242017446	-0.492498922	0.001929212	0.017122108
YGL02_GNYA1SO04JTMP9	6.720337852	0.566046053	-0.081146702	0.099802284	-0.036599322	-0.007610285	-0.223497253	0.003455959	0.025909752
YGL02.16624.C1	5.97658558	0.565883928	0.208352344	0.422385002	0.085346327	-0.03556494	-0.232070483	1.67E-05	0.000610061
YGL02_GNYA1SO04IHGSS	8.764464651	0.565732103	0.022835715	0.152101744	0.139880886	-0.054379402	-0.372018095	0.000416485	0.005750501
YGL02.7047.C2	8.391590525	0.565022473	-0.332172639	-0.661972729	-0.189674702	-0.196969768	0.058293954	0.000631712	0.007721852
YGL02.6054.C1	8.483761032	0.56498058	0.095378812	0.046875515	-0.142568776	-0.07625147	-0.159795882	0.000100238	0.002127957
YGL02.6260.C2	6.409694879	0.564940315	0.621419964	1.350169389	-0.032864754	-0.074681327	-0.426099065	0.000267449	0.004214922
YGL02.18813.C1	7.925324089	0.564762564	-0.444760765	0.020843689	0.032432078	0.191648267	-0.305218008	0.001898204	0.01690949
YGL02.2180.C1	10.02294572	0.564631297	-0.197123103	-0.06347861	-0.054672591	0.016183064	-0.028105818	0.00016528	0.002997774

YGL02.4479.C2	8.149689697	0.564630236	-0.118364742	0.051367553	-0.159695439	0.220939804	-0.131347867	0.00070567	0.008361495
YGL02.8691.C1	9.259373388	0.564520077	0.169546306	0.276150553	0.070591827	-0.20577801	-0.205953457	0.000252931	0.004047205
YGL02_GNYA1SO04JEG1F	9.327580881	0.564329176	0.240208727	0.228793237	-0.087994024	-0.138791086	-0.500454556	7.11E-05	0.001665043
YGL02_GNYA1SO04IHNB1	8.475668836	0.564267481	-0.194777124	0.080837668	0.005238466	0.223463746	-0.0178897	0.000201696	0.003451271
YGL02.22826.C1	5.753789634	0.564260367	-0.029114457	-0.046774352	0.100844892	-0.321723674	-0.344809778	0.004090007	0.029268736
YGL02.19713.C1	8.212785987	0.564252119	0.16113967	0.39364655	-0.151628136	-0.353758681	-0.152165625	0.004001258	0.028794345
YGL02.8717.C1	7.705340014	0.563985105	-0.401812362	0.425514986	0.13552801	-0.445430903	-1.144446227	0.000405865	0.005649866
YGL02.13576.C1	9.374149531	0.563982283	0.034457713	0.128182085	0.07606453	-0.086247527	-0.363414809	0.001397092	0.013579554
YGL02.9755.C2	5.516938088	0.563936001	0.048764556	-0.265130345	0.486995735	0.180877315	0.30105068	0.005505302	0.036342068
YGL02_GNYA1SO04IH27C	6.958764444	0.563816953	-0.586819309	-0.052746803	-0.054267824	0.394461	-0.268763456	0.001915965	0.017029048
YGL02.4770.C1	7.053465952	0.563731613	0.325460181	0.542269235	-0.19605675	-0.216119081	-0.462164062	0.000111901	0.002294236
YGL02.23276.C1	6.645886561	0.563553899	0.012578158	0.063993356	-0.056094628	-0.11118983	0.034423262	3.87E-05	0.001098705
YGL02_GNYA1SO04JSMHM	9.864661916	0.563518935	0.242376769	0.657470336	-0.055504733	-0.129288499	-0.656546104	2.26E-05	0.000755123
YGL02.4370.C2	8.353234199	0.563420134	-0.218188097	-0.071078798	0.118898211	-0.138308522	-0.093439663	0.001477971	0.014149039
YGL02_GNYA1SO04IOCV7	8.670487165	0.56321823	0.378600282	0.126129498	0.394056724	-0.16182271	-0.094052699	5.22E-05	0.00133755
YGL02.20354.C1	7.973920669	0.563204077	0.16104908	0.237796328	-0.286957745	-0.122218115	-0.046580939	0.000480055	0.006344129
YGL02_GNYA1SO04IR7LV	8.322410781	0.563193436	0.037989045	0.108907192	-0.033295558	-0.097348432	-0.108309044	0.001328606	0.013103697
YGL02_GNYA1SO04ID14W	8.625135952	0.563190711	0.539790723	0.765917297	-0.696752047	-0.422901194	-0.700266144	0.006785024	0.04215304
YGL02.7231.C1	7.758167309	0.562993102	0.530354084	1.011129541	-0.213474867	-0.259486684	-0.961385277	0.003209468	0.024597206
YGL02.20.C1	6.783396918	0.562766178	-0.460234084	-0.898519564	-0.051619678	0.402407969	0.169919703	0.007812601	0.046752067
YGL02_GNYA1SO04IJRCK	6.594576297	0.562631992	0.388861184	0.365289425	0.213816162	-0.516168024	-0.172334652	0.000685782	0.008195113
YGL02.20819.C1	6.206464166	0.562168921	0.252598973	0.359925728	0.178134689	-0.495743163	-0.415022439	0.000808036	0.009226597
YGL02.6702.C1	7.854197417	0.562168878	0.175091732	0.029911367	-0.074413079	0.262701122	0.009139313	5.37E-05	0.001367224
YGL02_GNYA1SO04JQRU5	6.747024478	0.562089579	0.035624156	0.368985362	-0.108525703	-0.485869349	-0.778803294	0.004325169	0.030463557
YGL02.11151.C2	11.98957087	0.562031006	0.206057001	0.486725536	-0.25792893	-0.080489471	-0.603903574	0.007542679	0.045557859
YGL02_GNYA1SO04IV24X	9.070519046	0.562016546	0.294499567	0.421877318	-0.009893674	-0.149987662	-0.240906119	0.000178182	0.003157016
YGL02.5140.C1	8.40030365	0.561679638	0.34792025	0.246514884	-0.074241899	-0.496751872	-0.694891416	0.003411327	0.025668762
YGL02.2818.C2	6.893674523	0.561636213	-0.468109231	-0.485411998	0.084035781	-0.144604518	-0.521187537	0.005203437	0.034891969
YGL02.2518.C1	8.757279649	0.56150809	0.037078708	0.021683273	-0.095367823	-0.153341824	-0.068431712	1.92E-05	0.000675037
YGL02.1070.C1	7.282909743	0.561413873	0.328252558	0.2575573	-0.001632929	-0.461552894	-0.381033521	2.98E-05	0.000915665
YGL02.23589.C1	7.300557003	0.561238758	0.53303125	0.893867454	-0.151119421	-0.300453884	-0.503842023	7.77E-06	0.000368982
YGL02.19663.C1	3.90414326	0.561202626	0.38468327	0.301130276	-0.042510597	-0.22008658	-0.520735323	0.004371459	0.030709257
YGL02.6390.C1	11.93126015	0.561120136	0.025922976	0.522685433	-0.610246419	-0.246121643	-0.568494527	4.13E-05	0.001145824
YGL02_GNYA1SO04H0GEB	11.38232584	0.56104922	-0.125322912	0.081821129	0.04280326	-0.073109563	-0.350424272	0.000894348	0.009908973
YGL02.3963.C3	8.773674198	0.560841958	0.343824798	0.622532952	0.02657169	-0.072298754	-0.408005016	0.00013468	0.002606205
YGL02.15388.C1	6.865044112	0.560767753	0.102697253	0.093138879	-0.384286639	0.092687335	0.089684036	0.005918	0.038289637
YGL02_GNYA1SO04IJ4TP	9.810190341	0.560511792	-0.069196092	0.170149679	-0.029723202	-0.227630066	-0.708712824	0.002861166	0.02267532
YGL02.1460.C1	8.600697116	0.560341882	0.256726324	0.408133009	0.076018375	-0.098629175	-0.089759398	0.000380863	0.005400883
YGL02_GNYA1SO04JKXKL	11.55478585	0.560261201	-0.42244152	-0.232955614	0.124493976	-0.321208251	-0.767712019	0.000655776	0.007932148
YGL02.2899.C1	7.31369296	0.560084147	-0.046452136	0.386523316	0.030459757	-0.09559414	-0.612268266	4.48E-05	0.001214312
YGL02.11838.C1	9.206396636	0.559963959	-0.121866208	0.618588522	0.210022573	-0.062525141	-0.7946362	0.0001809	0.00319204
YGL02.8758.C1	6.027743579	0.559917638	-0.264532963	0.03571558	0.106479657	-0.164602967	-0.81658693	0.005159391	0.034669972
YGL02.3491.C1	7.310197156	0.559827802	-0.150615824	-0.280698363	0.095968176	-0.364462342	-0.33307694	0.000316447	0.004753974
YGL02.22941.C1	7.767710046	0.559763134	0.364089432	0.110116044	-0.03555623	-0.657995322	-0.456696853	0.000117809	0.00237262
YGL02.865.C1	8.077010064	0.559520339	0.427298876	0.659347619	0.058761851	-0.219226005	-0.153043752	0.006381784	0.040376543
YGL02.9941.C1	8.659670581	0.559443052	0.36110623	0.535724055	0.077296845	-0.101400727	-0.338173812	0.000108785	0.002251474
YGL02_GNYA1SO04JS9Z5	10.29744129	0.559350434	0.054234783	0.216392326	-0.441466983	0.10705854	-0.367048635	7.43E-05	0.00171896
YGL02.19345.C1	7.433684419	0.558893498	0.486982859	0.960327441	-0.327453689	-0.092140664	-0.243416559	4.96E-05	0.001296075
YGL02.19962.C1	9.581396439	0.55882217	0.076125904	0.047254978	-0.057360577	-0.132163985	-0.58253292	0.002392801	0.01994609
YGL02.15873.C1	6.600154399	0.558682637	0.224868342	0.160983459	-0.052183912	-0.210031244	-0.551086246	0.000711096	0.00840886
YGL02_GNYA1SO04JVRZE	7.874224583	0.558565892	0.051444721	-0.157868482	0.347918048	0.050224907	-0.294621652	0.00323214	0.024722686
YGL02_GNYA1SO04JYEHT	9.102954109	0.558558391	0.084118807	-0.035879736	-0.065671155	-0.167218016	-0.153888396	0.006297369	0.03998311
YGL02.2483.C2	5.912922782	0.558424736	0.452381169	0.430139331	0.603139883	-0.347353851	-0.235712787	0.000137874	0.002648623
YGL02.18282.C1	8.712810252	0.558139028	0.03065898	0.019886907	-0.030192187	-0.171347465	-0.120374733	0.000120838	0.002416807
YGL02.3557.C1	7.036260178	0.557925473	-0.060292207	0.374893478	0.092950176	-0.129008922	-0.211387477	0.003914318	0.028321358
YGL02.7625.C2	8.992120979	0.557606065	0.484451481	0.440171141	0.026170836	-0.144211041	0.000641369	0.000818485	0.009308486
YGL02.4828.C2	8.285070264	0.557546143	0.150609298	-0.02281489	-0.045903336	-0.028784652	-0.408609367	1.01E-05	0.000435596
YGL02.15090.C2	10.04851237	0.55742352	0.131439532	0.316172653	0.000460849	-0.177645951	-0.061427431	1.27E-05	0.00050337
YGL02.179.C1	8.70690838	0.557340472	0.02227494	0.16779765	0.246735118	-0.027187481	-0.17338582	0.000930439	0.010189408
YGL02_GNYA1SO04H56ZT	9.908935381	0.557192966	-0.486732993	-0.63418112	0.10960095	-0.272952178	-0.187382783	0.000859714	0.009632381
YGL02.3068.C1	6.161637445	0.556943687	-0.121846897	-0.243239629	0.038773479	-0.285723048	-0.474612761	0.003029001	0.023602442
YGL02.9751.C1	7.214741527	0.556811667	-0.051267926	-0.374235093	-0.398303052	-0.344764975	-0.201655546	0.000325436	0.004842941
YGL02.2228.C2	12.69608308	0.55661237	-0.115339117	0.017142871	0.001077118	0.034066318	-0.090429942	7.85E-05	0.001790414
YGL02.19952.C1	11.23566159	0.556427787	0.044203248	-0.055825463	-0.135599007	-0.15646648	-0.105093306	6.65E-05	0.001584574
YGL02_GNYA1SO04IZDN5	5.509233424	0.556408812	0.559585408	0.040215514	0.477726747	-0.349622454	-0.634930505	0.004479351	0.031245212
YGL02_GNYA1SO04IGE3I	7.579590322	0.556263663	0.198472468	0.344824778	0.041219231	-0.06560358	-0.363967369	2.29E-05	0.000762277
YGL02_GNYA1SO04IUS2R	6.416548449	0.556172269	0.189898486	0.328810804	-0.367323883	-0.076391904	-0.503473838	0.00490073	0.033408556
YGL02_GNYA1SO04JIJWF	9.646154785	0.556152354	-0.487357269	0.52589738	-0.258074021	-0.001671104	-0.876805345	0.000867079	0.009691426
YGL02.16162.C2	8.734459142	0.555474913	0.184776906	0.776246225	0.135268776	-0.188244792	-0.428912296	0.002114519	0.018225875
YGL02.22921.C1	5.532797144	0.555342223	0.95848053	0.926572987	0.071137143	-0.466603382	-0.306221644	0.003285462	0.025007942
YGL02.5652.C19	8.258561354	0.555008645	-0.489753329	-0.626177329	0.147993847	0.226588124	-0.365354991	0.000634451	0.007748747
YGL02.11798.C1	9.8691316	0.554990664	0.08845853	0.764471968	-0.077984271	-0.173945306	-0.493317807	5.89E-05	0.001458511
YGL02_GNYA1SO04IGSI0	7.771038566	0.554952956	0.015459887	0.140398975	-0.172832686	-0.039356073	-0.510418548	0.006632297	0.041503911
YGL02_GNYA1SO04JJ2L6	9.113827898	0.554828019	0.36702413	0.475779284	-0.297012509	-0.124120543	-0.334698895	6.00E-05	0.001476448
YGL02.10000.C1	9.571212997	0.554818415	0.2177527	0.433640315	-0.237121462	-0.124368185	-0.26662148	0.003906722	0.028281575
YGL02.18313.C1	7.114515259	0.55471793	-0.260714059	0.320347873	0.118131854	-0.281445596	-0.215690421	0.00226141	0.019154139
YGL02.9596.C2	9.363440441	0.554288607	-0.254744848	-0.135303987	0.118658884	-0.214205077	-0.627809068	0.000251806	0.004032185
YGL02.13701.C1	8.197524172	0.554185589	0.201091255	0.426425452	-0.105226633	-0.216253481	-0.535271259	2.71E-05	0.000855991
YGL02.13555.C1	8.514468916	0.553746314	0.08265257	-0.085709084	0.093218257	-0.060283667	-0.286900283	0.000175428	0.003127416
YGL02.13432.C1	8.103134984	0.553727621	0.000582313	0.153928089	0.118894376	-0.037223124	-0.230532073	0.002802218	0.022346274
YGL02.7388.C1	6.632885092	0.553562071	0.224468539	0.083548283	0.049148576	-0.188695329	0.020552517	0.003806765	0.027767085
YGL02.12727.C1	9.943246722	0.553356458	0.397202793	0.543664004	-0.086533947	-0.195010929	-0.265369237	8.79E-05	0.001941406
YGL02.21041.C1	5.965223243	0.553251586	-0.156589555	0.128184282	0.236217322	0.031879643	-0.09015049	0.002278687	0.019258905
YGL02_GNYA1SO04IUJQH	7.668394683	0.553053336	0.407555106	0.990935144	-0.260584881	-0.338993347	-0.753480763	0.003678641	0.027091445
YGL02_GNYA1SO04I0IK5	8.412555476	0.553044887	0.227641433	0.713186753	-0.201532144	-0.384768056	-0.512311749	0.00137073	0.013395209
YGL02_GNYA1SO04I9G6V	6.182479625	0.553011286	-0.050020461	0.178999117	0.176561591	-0.059173308	-0.288292246	0.003070408	0.023838567
YGL02_GNYA1SO04JTZT3	9.060501141	0.552980088	0.23040771	0.534664036	0.16497159	-0.086084263	-0.656901266	0.007348404	0.044705545
YGL02.13386.C1	4.862561044	0.552867441	0.018675273	0.111515517	-0.030929444	-0.397830219	-0.632761304	0.001554417	0.014692614
YGL02.6551.C1	5.858726136	0.552863162	0.657918444	-2.765353255	0.147322861	-0.632256808	-0.814767852	0.008491276	0.049538304
YGL02.16601.C1	7.60367939	0.552647443	0.588544091	1.246737235	-0.044244544	-0.22379132	-0.190321572	0.000331964	0.004914669

YGL02_GNYA1SO04IME7H	8.020280729	0.552507254	0.031369448	-0.013002134	-0.520482078	0.096663509	0.079777559	0.006145243	0.039304366
YGL02_GNYA1SO04IXZJA	8.936717012	0.552457185	0.568993493	0.995344111	-0.126896645	-0.320683554	-0.78056158	0.004419294	0.030952938
YGL02_GNYA1SO04H489I	7.10956309	0.552183866	0.320573809	0.483848174	-0.163806233	-0.207905689	-0.299884329	0.004690599	0.032338976
YGL02.16938.C1	6.505141939	0.552158978	0.250787477	0.37870839	-0.020005379	0.030132403	-0.260183224	0.000157321	0.002898974
YGL02_GNYA1SO04I09IX	8.633361652	0.552093706	-0.38220971	-0.224588779	0.244677435	-0.158167568	-0.270765451	0.003521968	0.026274581
YGL02_GNYA1SO04JWWJX	10.84647	0.552051268	0.736737868	1.205321986	-0.053650705	-0.351930905	-0.656298721	2.28E-05	0.000759376
YGL02.16156.C1	7.361256485	0.551901943	-0.190613339	0.235633371	-0.380720642	-0.101677442	0.02489885	0.000424689	0.005826495
YGL02.9546.C1	8.588256259	0.551680292	0.219200865	0.162824945	-0.314439376	-0.241021271	-0.585841334	0.000352657	0.005119763
YGL02.11428.C1	13.07788821	0.551674037	-0.114026734	0.096970317	0.273355568	-0.168286326	-0.461653534	0.001231104	0.012413416
YGL02_GNYA1SO04IOG1K	7.860736032	0.551467044	0.267243114	0.48980144	-0.103501081	-0.412652517	-0.324609949	2.55E-05	0.000820856
YGL02.12049.C1	5.424614423	0.551344488	0.958102195	2.342586863	0.296437527	-0.623664114	-0.834027091	0.004883922	0.033311767
YGL02.9887.C1	9.431443475	0.55103661	-0.092478466	0.132886678	-0.217671582	-0.195763359	-0.372105264	0.0053582	0.035632678
YGL02_GNYA1SO04ITE58	10.83467716	0.550993638	0.257705181	0.494409454	-0.476903498	-0.182538435	-0.479437746	0.000384164	0.005435795
YGL02.9950.C1	7.271573397	0.550785878	-0.081843112	-0.061574793	0.121751154	-0.078244225	-0.060711637	0.000427123	0.005841319
YGL02.16879.C1	4.383104827	0.550771861	0.147942496	0.068994553	0.111205034	-0.269950377	-0.072538086	0.006314946	0.040057394
YGL02.10197.C1	8.700760056	0.550694663	0.276662538	0.549272347	-0.25281599	-0.146224017	-0.137875403	0.004202791	0.029853119
YGL02.14513.C1	11.04834431	0.550464091	0.183400681	0.376699188	0.141885862	0.012961317	-0.277323486	0.00064362	0.007830198
YGL02.17541.C1	8.523917938	0.550367459	-0.082075819	-0.091536977	-0.003123235	-0.117260625	-0.195186003	0.000106773	0.002220123
YGL02_GNYA1SO04J0U32	7.586685973	0.550221669	0.172857204	0.469184484	-0.113005771	-0.203691757	-0.691030898	0.004396297	0.030840239
YGL02.8768.C2	6.895075892	0.550182827	-0.081954939	0.362829525	-0.218625735	-0.030681879	-0.350597614	0.001308325	0.012964858
YGL02_GNYA1SO04IOVGZ	9.240878799	0.550033165	0.218716809	0.6239257	-0.060589697	-0.18572149	-0.08836153	0.005482995	0.036241113
YGL02.353.C3	6.974168088	0.549930693	-0.081805235	0.370023059	-0.064821176	0.024381325	-0.234735769	0.00172471	0.015807646
YGL02.10528.C1	8.59129478	0.549844786	0.188434048	0.371421309	-0.20892238	-0.157390612	-0.384366914	5.51E-05	0.001393222
YGL02.2181.C2	8.596886736	0.549746935	0.133161567	0.0349761	-0.063497585	-0.181774014	-0.157303557	0.000323268	0.004823426
YGL02.17946.C1	7.805940915	0.549333348	0.188959651	0.603967043	-0.304636777	-0.141723337	-0.792488636	0.000385744	0.005452188
YGL02.3194.C1	9.827181006	0.548979805	0.302374743	0.182560475	-0.035760427	-0.19966464	-0.282524087	0.000264819	0.00418519
YGL02.9619.C2	6.45095399	0.548848284	0.464142823	0.916444519	-0.360328288	-0.080666666	-0.194219331	0.004427208	0.030989936
YGL02.1636.C1	12.83466466	0.54868659	0.228835059	0.616168796	-0.333773136	-0.261817959	-0.523171883	0.000156754	0.002893691
YGL02.15631.C1	8.167612759	0.548605761	-0.200702958	0.000904751	-0.170073447	-0.091354533	-0.119960735	0.001881691	0.016804003
YGL02.11628.C1	7.156619093	0.54847085	-0.087692878	0.197548766	-0.060423812	-0.122319886	-0.166802101	0.001848026	0.016602975
YGL02_GNYA1SO04H8DX0	9.384665321	0.548208886	0.322774578	0.369043458	-0.110524872	-0.093725094	-0.169507541	0.000262198	0.004156965
YGL02.21173.C1	8.263703514	0.548167573	-0.056024215	0.135353642	-0.113842185	-0.170653866	-0.47223134	0.000125386	0.002478595
YGL02.9424.C1	9.939425429	0.548082961	-0.103769664	0.097827819	-0.161460839	-0.237226379	-0.538977402	5.02E-05	0.001305704
YGL02.962.C1	9.839191544	0.547918539	0.068094777	0.277002455	0.078032133	-0.110106555	-0.192708885	9.35E-05	0.002028511
YGL02_GNYA1SO04H0VU8	9.002873862	0.547833358	0.06329644	0.339887239	-0.279502657	-0.102814187	-0.275455772	0.00307652	0.023862161
YGL02.1968.C1	12.85250932	0.547701628	-0.047241244	0.072705897	0.063662269	0.013259199	-0.211747004	0.000231156	0.003796827
YGL02.13043.C1	6.910637342	0.547487484	-0.075276555	0.04570143	0.006430167	-0.097213619	-0.229510504	0.002517116	0.020683646
YGL02.21514.C1	7.420104452	0.547474719	-0.182733066	-0.134199171	-0.195561277	-0.030215996	-0.240979875	0.005545221	0.036538647
YGL02.12671.C1	8.334298681	0.54744816	0.251410385	0.511067809	0.160499221	-0.284529184	-0.640850627	0.00177598	0.016140467
YGL02.13728.C1	8.648140348	0.547315499	0.163538512	0.349130089	0.014639223	-0.281486978	-0.363080144	0.000107185	0.002226535
YGL02.11437.C1	7.217675667	0.547083197	0.134778008	0.728190661	-0.197555402	-0.111556063	-0.498723508	0.000841886	0.009488461
YGL02.20074.C1	5.10231079	0.547015978	-0.045666419	0.0739133	-0.111661853	-0.417605029	-0.364679323	0.001211022	0.012276872
YGL02.3052.C1	9.462404514	0.547015879	0.118978978	0.030458603	-0.034267886	-0.023651078	-0.041979383	0.001111881	0.011541048
YGL02.10823.C1	9.63925103	0.546943138	0.240484834	0.547535141	0.065073004	-0.09941414	-0.771022655	4.07E-05	0.001134237
YGL02.14231.C1	8.95748698	0.546892355	0.177425539	0.840781927	0.029238933	0.01557429	-0.612761074	0.001068535	0.01122337
YGL02.665.C1	8.704805549	0.546433796	0.181833384	0.249011264	-0.065004774	-0.274133171	-0.667171951	0.000900371	0.009960933
YGL02.10801.C1	7.942061819	0.546416421	-0.061613484	0.299701279	0.156062928	-0.127345834	-0.569654896	4.49E-05	0.001216261
YGL02.9488.C1	7.661080404	0.546331954	0.082829149	0.310212108	-0.056631941	-0.184012157	-0.137104346	0.000394166	0.005539183
YGL02.14133.C1	7.802336146	0.546262169	0.164977583	0.335684576	0.088122368	-0.20759965	-0.231496206	0.001155312	0.011868403
YGL02.19201.C1	4.475700051	0.546234158	0.507996773	0.281771313	-0.115967418	-0.37769416	0.135703586	0.00394786	0.028503525
YGL02.14403.C1	9.492182924	0.546226251	0.215174725	-0.093472084	-0.217905222	-0.185691024	-0.357909468	0.000222262	0.003696709
YGL02.8537.C2	8.928458371	0.546157521	0.092917996	0.356933963	-0.176973563	-0.01914947	-0.557196846	9.12E-05	0.00199342
YGL02.13501.C1	7.020846924	0.546098689	0.484406026	1.029797136	-0.177756231	-0.418538057	-0.716027806	0.00306636	0.023815762
YGL02.1803.C2	9.441081102	0.546078388	0.073538355	0.209833466	0.108520815	-0.110212654	-0.363318789	0.000335434	0.004947935
YGL02.16654.C1	7.311595707	0.5460143	-0.205421465	-0.314079399	0.025896189	0.051600634	0.071952002	0.000177883	0.003154682
YGL02_GNYA1SO04JBE7X	12.86510457	0.545990337	-0.089135644	0.125489684	0.17771618	-0.224160759	-0.278139486	9.53E-05	0.002053443
YGL02.19653.C1	6.491918351	0.545869331	0.477831967	0.450604503	-0.023387323	-0.023318674	-0.146907696	0.000156035	0.002884535
YGL02.2644.C1	7.157028821	0.545861911	0.047361141	-0.15662642	-0.089963438	-0.054693747	-0.35258645	0.003618851	0.026794353
YGL02.8594.C2	7.305399961	0.545784069	0.239148799	1.021165847	0.198885363	-0.442746664	-0.40593262	0.005799651	0.03773702
YGL02.991.C7	5.862368672	0.54540793	0.230002088	0.21355654	0.445114975	-0.244676032	-0.408162689	0.003150137	0.024271784
YGL02_GNYA1SO04JH6J1	9.553510817	0.545365147	-0.041206344	0.27494542	-0.288142435	0.016739912	-0.531587995	0.000563593	0.007120831
YGL02.8263.C1	11.08659547	0.545207401	0.506996698	0.944303914	-0.229997352	-0.105305668	-0.507736499	0.000780805	0.008994175
YGL02.11512.C1	9.368835242	0.545051115	0.33962143	-0.064986354	-0.068566134	-0.06240256	-0.41672341	2.78E-05	0.000871395
YGL02.17882.C1	8.947550244	0.54487386	0.097218047	0.021881194	-0.30397897	0.040243958	-0.147994733	8.92E-05	0.001962144
YGL02_GNYA1SO04IQ3UJ	11.34413055	0.544777386	0.03464339	0.347362193	0.42468983	0.020546758	-0.332670965	0.000219097	0.003658153
YGL02.10778.C1	6.629361379	0.544585006	-0.312891824	-0.102165035	-0.326180659	0.338143715	-0.396966233	0.001905275	0.016957321
YGL02_GNYA1SO04JL9AY	8.201072975	0.544376874	0.024959174	0.847534735	0.212990137	-0.127602771	-1.01656183	0.007390301	0.044892949
YGL02_GNYA1SO04IE51C	7.585657121	0.544348284	0.137696972	0.057618533	0.493804102	-0.370835693	-0.297813379	0.001446153	0.013936122
YGL02.15458.C1	9.312391359	0.544305623	-0.294966156	0.008576212	0.007444227	-0.085158219	-0.445160322	7.10E-05	0.001664439
YGL02.7792.C1	8.505476106	0.544245144	0.014682832	0.575730695	0.416994658	-0.272583195	-0.367026923	0.000360161	0.005195066
YGL02.3642.C1	9.587861523	0.544240717	0.438500378	1.162628739	0.061627994	-0.322175443	-0.589578372	0.000226374	0.00374274
YGL02.14349.C1	8.682557991	0.544127984	0.071270595	0.669035634	0.033901189	-0.232256343	-0.780039708	0.001501666	0.014313447
YGL02_GNYA1SO04IY15N	8.49094834	0.544049922	0.222628131	0.38457001	0.076380457	-0.485693326	-0.988552076	0.001266667	0.012661572
YGL02.8732.C1	8.269429393	0.543945671	-0.211848529	-0.156305345	-0.256113685	0.119608678	-0.213003998	0.006269697	0.039862138
YGL02.22425.C1	6.35115134	0.543941512	-0.152765695	0.043805763	0.020798242	-0.25362057	-0.633738729	0.002542953	0.020832978
YGL02.11216.C1	6.598705145	0.543918314	-0.303526885	0.262244086	-0.109469305	-0.238165187	-0.86813055	0.007002271	0.043118346
YGL02.5142.C1	9.636136077	0.543531439	0.289020589	0.602051091	0.008004444	-0.149298725	-0.6471098	3.71E-05	0.001066795
YGL02.9223.C1	8.00212116	0.543486271	-0.312347224	0.278847183	-0.031231637	-0.122755712	-0.388974419	0.004192851	0.029803767
YGL02_GNYA1SO04JM0TG	12.88429355	0.543419846	0.165266651	0.340613311	-0.317706362	-0.243636649	-0.624663419	0.002930822	0.023042624
YGL02_GNYA1SO04I4D30	12.12566427	0.54340489	0.28111461	0.623095323	0.141532425	-0.136242385	-0.471278137	0.005820618	0.03782973
YGL02.15880.C1	8.658677596	0.543315943	0.671455186	1.095262604	0.097496749	-0.249651687	-0.827615725	0.000713198	0.008428325
YGL02.5645.C1	8.017409594	0.543212515	0.022319736	0.087206841	0.17395539	-0.013598407	0.139754282	0.000176993	0.003144342
YGL02.13198.C1	9.856259903	0.543015793	0.218686147	0.45515398	0.049876861	-0.033249988	-0.165263504	0.001010487	0.010784236
YGL02.21551.C1	8.931655167	0.542956273	-0.248611704	0.304556719	0.014030452	-0.046147093	-0.416210894	0.000234121	0.003831926
YGL02.7197.C1	7.631495688	0.542749537	0.153076181	0.386372432	0.132493155	-0.343158232	-0.502960469	0.004808403	0.03295221
YGL02_GNYA1SO04IVCSX	12.053441	0.542674184	-0.413087304	0.519688393	-0.060747274	0.135670784	-0.232890683	0.005853542	0.037980804
YGL02.8683.C1	10.23046906	0.54258306	0.008789062	0.416398026	-0.095313181	-0.198113456	-0.70966818	0.001001771	0.010723028
YGL02_GNYA1SO04JVJKW	6.425335071	0.54254867	0.337761206	0.570457228	0.085190225	-0.48176996	-0.91889446	0.004062269	0.029124276
YGL02.16626.C1	6.32460629	0.542540724	0.036600427	-0.291299203	0.01959007	-0.149069938	0.171644636	0.008312939	0.04877917
YGL02.3865.C1	8.021514452	0.542497664	-0.027724741	-0.133580703	-0.07702287	-0.058349279	-0.894729545	0.006867506	0.042508819

YGL02.17684.C1	9.505467094	0.542163293	0.225635311	0.586816474	0.316047945	-0.231217704	-0.472742727	0.001540595	0.014589648
YGL02.10291.C1	9.797868165	0.542149527	-0.032978142	0.057173461	0.178588448	-0.034031153	-0.190053872	6.60E-05	0.001577192
YGL02.20260.C1	6.660866486	0.541777331	-0.370378062	0.100229231	0.078683462	0.325934206	-0.267111887	0.001316383	0.013011886
YGL02_GNYA1SO04IEUF8	9.957122254	0.541766753	0.309582369	0.917919606	-0.454688857	-0.251606288	-0.275844187	0.008291628	0.048691627
YGL02_GNYA1SO04JDGNY	7.692447502	0.541615668	0.228920229	0.083057262	-0.018665459	-0.187414011	-0.271260093	9.32E-05	0.002023905
YGL02_GNYA1SO04JWVPB	13.94199042	0.541573827	0.043019653	-0.017236482	0.073980537	-0.058466438	-0.355740997	0.000628775	0.007694669
YGL02_GNYA1SO04JYKTD	8.346633591	0.541552456	-0.10510844	-0.03706866	-0.275770082	-0.145903845	-0.396182574	0.000183646	0.003226829
YGL02.12684.C1	8.803528746	0.541304965	0.60106277	0.907556199	0.036022441	-0.253419482	-0.530950988	0.00151147	0.014384662
YGL02.5830.C1	6.936816908	0.541162538	0.265424434	0.244930584	-0.060393699	-0.271938279	-0.169468175	0.005028772	0.034045116
YGL02.8671.C1	7.024991892	0.541065872	0.403653298	0.265937505	-0.001232226	-0.281561545	-0.277386406	3.87E-05	0.001098705
YGL02.12161.C1	6.931168053	0.541004296	0.323670531	-0.035671728	0.222531282	-0.196298886	-0.323028712	0.001560274	0.014731126
YGL02_GNYA1SO04IQ0OB	6.033664571	0.54082898	-0.116482252	0.100459631	0.546722405	0.149889886	-1.155744324	0.003373671	0.025480169
YGL02.14574.C1	7.293255258	0.540443967	-0.147249797	0.331110006	-0.099715871	-0.157420914	-0.38636286	0.000984206	0.010593682
YGL02.6731.C1	8.75087045	0.540163431	0.121904522	0.398876645	-0.084481502	-0.016828782	-0.307466125	3.04E-05	0.00092905
YGL02.4817.C1	10.48117511	0.540052001	-0.335418226	-0.038593051	-0.258717976	-0.122286856	-0.262287242	0.000399719	0.005589924
YGL02_GNYA1SO04JMFBU	2.847501703	0.539842572	-0.045791229	-0.074679978	0.057770126	-0.474303042	-0.277882167	0.003006485	0.023470778
YGL02_GNYA1SO04IEE8E	7.532460102	0.539791579	0.328552284	0.390834849	0.311477673	-0.114567661	-0.363972714	0.002241659	0.019028648
YGL02.16327.C1	8.669301186	0.539580789	-0.453986481	0.447945344	-0.120659528	0.216006492	-0.143011284	0.001310567	0.012974204
YGL02.19166.C1	8.556782843	0.539538235	0.27504252	0.273605884	-0.413704561	-0.37665719	-0.247136722	0.000286302	0.004426931
YGL02.9884.C1	8.2641263	0.539515202	-0.165090115	0.011057199	0.205692903	0.119270283	-0.173076138	0.002602391	0.021175244
YGL02.2358.C2	10.65043711	0.53950729	0.250919669	0.295411935	-0.187245534	-0.13445727	-0.072666022	0.000266764	0.004209255
YGL02_GNYA1SO04JBZZ9	8.011186716	0.53943937	-0.054785214	0.040373854	0.189826076	-0.207079149	-0.309181826	5.03E-05	0.001306118
YGL02.9243.C1	6.772453865	0.539272079	0.142064074	-0.173394478	-0.1977464	-0.46072487	-0.047460749	0.008231154	0.048468374
YGL02.1124.C1	6.695197995	0.539206453	0.241150385	0.385142381	-0.107632794	-0.487196362	-0.523563191	0.002712615	0.021841553
YGL02.4089.C3	7.209464457	0.539164171	0.288032355	0.479516055	0.064027565	-0.146218108	-0.210041278	0.000598691	0.007420481
YGL02.19712.C1	7.212707981	0.539121255	0.230305967	0.538011178	0.04071879	-0.204514372	-0.372814941	0.00155117	0.014665874
YGL02.15702.C2	10.24351611	0.539049853	0.075970629	0.232549152	-0.018595092	-0.184910918	-0.318453976	0.000390651	0.005502936
YGL02_GNYA1SO04IE6I2	7.503721736	0.538862834	0.29301552	0.521009663	-0.035358157	-0.213623973	-0.450967833	0.00073093	0.008590842
YGL02_GNYA1SO04I5U79	8.520743128	0.538816829	0.007822173	0.466186955	0.091670381	-0.109649604	-0.786378544	0.000599069	0.007422624
YGL02.10119.C2	10.01453269	0.538678219	0.114445083	0.483777636	0.3397883	-0.267593651	-0.710405133	0.000145689	0.002753409
YGL02.1877.C2	7.199241427	0.537985153	-0.140229971	-0.003145731	-0.2727349	-0.033095222	-0.165325958	0.003148849	0.024267634
YGL02.13019.C1	10.62496435	0.537737604	0.139200625	0.227786157	-0.022677363	-0.100892317	-0.392165564	9.54E-05	0.00205615
YGL02.17700.C1	8.064608657	0.537444023	0.356853953	0.466214647	-0.052963159	-0.194950511	-0.456384958	5.56E-05	0.001401747
YGL02.16060.C1	7.618925344	0.537375631	0.118453392	0.492749673	-0.1631794	-0.112032055	-0.840916045	0.001007634	0.010767978
YGL02_GNYA1SO04IRZMW	12.14966794	0.537314832	-0.077112062	0.404947352	0.06527552	0.063685989	-0.315267562	0.000272281	0.004270279
YGL02.1598.C3	8.793081355	0.53702481	0.341564464	0.302897708	0.127519073	-0.356089752	-0.478917704	0.002002241	0.017562653
YGL02.11723.C1	7.296300959	0.536959445	0.189567786	0.098785032	-0.002755019	-0.106507386	-0.101527629	3.95E-05	0.001112126
YGL02.10282.C1	10.15843928	0.536936757	0.354329095	0.425078604	-0.00962406	-0.150207832	0.149705909	0.00312168	0.024125104
YGL02_GNYA1SO04IU8JK	8.044334566	0.536834296	-0.090895261	-0.075387642	-0.046838432	-0.00952338	-0.026712188	0.000216233	0.003625285
YGL02.23645.C1	4.148130295	0.536825441	-0.401892007	0.140398919	-0.075598361	0.009721522	-0.297575706	0.004748409	0.032629803
YGL02.4402.C4	6.371995859	0.536614849	-0.24064739	-0.207624575	-0.204410504	-0.068772574	-0.11891141	0.008536485	0.04972365
YGL02.1417.C1	10.16311805	0.536490141	0.031323517	0.459761134	0.141235631	-0.213210772	-0.349416445	0.002104636	0.018176762
YGL02.9733.C1	9.728855596	0.536365193	0.345561071	0.704990475	0.196891371	-0.322786535	-0.205601503	0.002296482	0.019368859
YGL02_GNYA1SO04H8JE3	9.545621632	0.536321432	0.256017399	0.18944788	0.129866672	-0.163071604	-0.014425009	1.94E-05	0.000679145
YGL02.11213.C2	10.13975374	0.536285112	0.253440094	0.330646198	0.299529104	-0.194669903	-0.362687407	0.000308877	0.004676046
YGL02.6725.C1	8.088366603	0.536270974	-0.064769954	-0.022349317	-0.013036031	0.016430376	0.10514537	0.001410255	0.013673624
YGL02_GNYA1SO04H7OPP	8.975029283	0.536137518	0.312642767	0.476994117	0.148474013	-0.372835381	-0.336588741	0.00044483	0.006014944
YGL02_GNYA1SO04JHAB1	9.84153088	0.53602554	0.016894885	0.516687159	0.055325475	-0.055824411	-0.291215075	0.005607996	0.03684542
YGL02_GNYA1SO04JNMFW	8.794871121	0.535818519	0.292473034	0.591644066	0.110928264	-0.283511464	-0.315511302	0.000153057	0.002843283
YGL02.294.C1	9.305375963	0.535754788	-0.022193044	0.118566232	0.033948659	-0.305383827	-0.086663507	0.007594687	0.045773558
YGL02.2481.C1	4.626985218	0.535613066	0.424756035	0.19480373	0.431901898	-0.174527744	0.347969477	0.003506229	0.026188083
YGL02.3081.C1	8.37736547	0.535442475	0.183328565	0.297259428	0.012613903	-0.194776819	-0.516160733	0.000622973	0.007643896
YGL02.8393.C1	6.776168018	0.535378077	0.555600838	0.440364877	-0.062115077	-0.089680219	-0.300361031	0.002109334	0.01819936
YGL02_GNYA1SO04JTFHE	11.99797329	0.535313095	0.395466329	0.721050036	-0.439253792	-0.211799212	-0.504478177	0.000766872	0.008889032
YGL02.10204.C2	9.393754249	0.535204929	0.054002853	0.247060412	0.074390169	-0.366451026	-0.384821536	4.21E-05	0.001159971
YGL02.538.C1	11.04970493	0.535042796	-0.032868675	-0.052543028	-0.310427635	-0.110963961	-0.451684707	0.000151483	0.0028258
YGL02.4717.C1	7.949450208	0.535040828	0.184805712	-0.292219407	0.096303984	-0.015594667	0.089990261	4.87E-05	0.001280945
YGL02_GNYA1SO04JVWG1	7.91010122	0.534945226	-0.377533346	-0.493029932	0.251586478	-0.183330091	-0.082231128	0.006483905	0.040826248
YGL02.10725.C1	8.354224936	0.534879769	0.820175756	0.942584351	-0.291390582	0.142439687	-0.460267214	0.004972358	0.033757964
YGL02_GNYA1SO04H7BHB	5.537846144	0.534813604	0.250713077	0.427159813	-0.258780247	-0.289338	-0.758111737	0.005896613	0.038183743
YGL02_GNYA1SO04JQBQC	7.342035165	0.534593325	-0.073514608	0.205518356	-0.059725378	0.189948785	-0.100652452	0.001222829	0.012353386
YGL02.10941.C1	9.487706186	0.534311012	0.061162381	-0.119695267	0.126824347	-0.172612268	0.01301533	0.003413717	0.025683742
YGL02_GNYA1SO04I59EG	7.110099579	0.534059183	0.020005895	0.208620575	-0.619597977	0.119535501	-0.312958631	0.006420572	0.040550826
YGL02.2306.C2	8.894525492	0.533595062	0.270011163	0.32524242	0.290877164	-0.311711456	-0.415015128	0.000171609	0.003082895
YGL02.7165.C1	6.851638602	0.533400117	-0.052170078	-0.386319379	-0.183144445	-0.113426319	0.101751353	0.007411805	0.044970836
YGL02.17259.C1	7.946365276	0.533315335	0.076911833	0.102464457	0.361506766	-0.055802824	-0.140484842	6.60E-05	0.001577433
YGL02.10521.C2	7.081931826	0.533281775	0.661141219	0.671164383	-0.241384748	-0.195565581	0.069295804	0.001407371	0.013656912
YGL02_GNYA1SO04IN5KS	7.048551067	0.533135162	0.761933113	1.075471679	-0.282554953	-0.173156809	-0.520840803	0.005093378	0.034337371
YGL02.656.C1	8.981280639	0.53310232	-0.111744019	0.049675192	0.011228985	-0.018802705	-0.499246271	0.000885438	0.009832325
YGL02.8776.C1	6.612521865	0.533058629	0.355299427	0.572215756	0.130248898	-0.228133029	-0.562213883	0.006206118	0.039571624
YGL02_GNYA1SO04JATAT	11.5380762	0.533037174	0.328141157	0.642743352	-0.366772068	-0.066401332	-0.453808168	0.000423077	0.005813003
YGL02.16418.C1	10.13481536	0.532997893	0.344142527	0.147150483	-0.391875876	0.02400458	-0.515347194	0.000743127	0.008690018
YGL02.21762.C1	8.903888333	0.53277542	0.083886054	0.528633877	-0.476374539	-0.127277835	-0.532312088	0.00192281	0.017076994
YGL02_GNYA1SO04IG9DF	9.76781009	0.532762202	0.537846564	0.676291796	-0.180655125	-0.098224646	-0.108357872	0.007949461	0.047280476
YGL02.16965.C1	6.423835076	0.532649279	0.416212217	0.519496828	-0.072251583	-0.321251551	-0.378358967	0.00830915	0.048761353
YGL02.437.C1	9.343030283	0.532558796	0.030743236	0.395867598	0.039348336	-0.205089694	-0.083510904	0.000565831	0.00713684
YGL02.19024.C1	8.042048156	0.53246648	0.229218133	0.314236404	-0.003637334	-0.290881207	-0.259154691	0.000213329	0.003589858
YGL02.16630.C1	7.792988408	0.532442103	0.034715494	0.073376822	0.308234716	-0.007910971	-0.133618308	0.000149312	0.002801035
YGL02.15910.C2	7.089956743	0.532414134	-0.215178721	-0.019259951	0.152776903	-0.022493381	-0.387881146	0.000735892	0.008629001
YGL02_GNYA1SO04JW4VQ	8.122189932	0.532080605	0.065122108	0.214699681	-0.116717182	-0.133917563	-0.02374993	0.005986052	0.038577716
YGL02.14238.C1	6.689794766	0.531953616	-0.134962938	-0.212361426	-0.305095716	0.321219263	0.095556276	0.00204727	0.017832382
YGL02_GNYA1SO04H4C5P	8.266103822	0.531893878	-0.194827665	1.040106429	0.098341156	-0.548951911	-0.464816103	0.002444401	0.0202446
YGL02.22787.C1	6.190084337	0.53183015	0.090188831	0.193374017	-0.228033176	-0.381632987	-0.603235415	0.005954368	0.038442402
YGL02.9935.C1	10.15293114	0.531774798	-0.328511194	0.155368649	0.192276982	0.196434104	-0.124449467	6.71E-05	0.001594688
YGL02.15622.C1	5.214341875	0.531406166	0.131000338	0.40703957	-0.149837303	-0.123899342	-0.515523179	0.002076295	0.018006673
YGL02.183.C2	9.20934201	0.531124239	-0.027649682	-0.171167238	-0.112112163	-0.020309814	-0.002567356	4.81E-05	0.001269691
YGL02.23634.C1	6.55921865	0.530723959	-0.11464497	0.473116559	-0.205880833	-0.054545347	-0.324426634	0.002278682	0.019258905
YGL02_GNYA1SO04JAZAW	9.314515575	0.530719286	-0.504954575	-0.355404004	0.159281234	0.081668414	-0.368835692	0.001301206	0.012910155
YGL02_GNYA1SO04JD52E	7.435216014	0.530513851	0.069559718	0.089974069	0.08712631	0.041066455	-0.002924347	0.004872883	0.033252236
YGL02.3729.C1	7.854455072	0.530513766	-0.562296094	-0.476291255	-0.083135918	0.230456386	-0.129357222	0.004964457	0.033729606

YGL02_GNYA1SO04I8VCM	8.521485648	0.530512195	-0.443167524	0.220335339	0.136261225	-0.29993755	-0.65108603	0.004658354	0.032164576
YGL02.7583.C2	7.379496577	0.530000782	0.239099433	0.219286772	0.175777108	-0.188820299	0.113246697	0.001224992	0.012367986
YGL02.21544.C1	7.684488242	0.529970616	0.372736725	-0.037980021	0.250407047	-0.210668738	-0.033186461	0.002323713	0.019527306
YGL02.2970.C2	7.614823978	0.529922991	0.237392542	0.556011404	-0.006703137	-0.100632032	-0.339917035	0.002626108	0.021305307
YGL02_GNYA1SO04JD5K3	8.389563067	0.529658351	0.823884917	1.347544887	-0.080132865	-0.448777084	-1.098512754	0.001359791	0.013316944
YGL02_GNYA1SO04IITE3	12.93587607	0.529365916	0.067178165	0.296974534	0.049260656	-0.199669707	-0.635511859	0.000491221	0.006442937
YGL02_GNYA1SO04IOHZU	10.02414438	0.529322205	0.100926176	0.049055005	0.048452142	-0.12241744	-0.270247006	0.000173575	0.00310679
YGL02.5737.C1	7.506039573	0.529281447	0.148465132	0.703351668	-0.267111488	-0.130361105	-0.545122051	0.000142568	0.002713573
YGL02.5105.C1	10.13702136	0.529153979	0.061794917	0.570603561	0.127019825	0.008021972	-0.388434229	9.79E-05	0.002089937
YGL02.9021.C1	10.77635226	0.529110926	-0.189005347	0.051532285	0.182781124	-0.021078348	-0.405701544	0.003325637	0.025218878
YGL02.4246.C1	8.785849065	0.529098187	0.305406705	0.749512954	0.120369849	-0.092806356	-0.527808934	0.00061229	0.00754292
YGL02_GNYA1SO04IMFJ7	7.46209562	0.528961865	-0.152090402	-0.436235951	-0.176718056	-0.097430737	0.39041636	0.004049765	0.029065885
YGL02.4733.C1	7.562457595	0.528913165	-0.063792356	0.594276363	0.107419702	-0.235092463	-0.374012059	0.000634736	0.007751507
YGL02.2285.C1	10.74233728	0.528810976	0.188272352	0.227807569	0.093042919	-0.070729928	-0.205308137	3.20E-05	0.000963178
YGL02.8279.C1	10.89593766	0.528702745	0.170259146	0.550971295	-0.388669799	-0.099253446	-0.444939664	0.007845483	0.046862218
YGL02.10659.C1	9.122826287	0.528379314	0.085201972	0.454477229	0.048036224	-0.081469964	-0.328938012	3.97E-05	0.001114356
YGL02.6866.C1	7.514508699	0.528259475	0.133321581	0.379627796	-0.024492751	0.043600564	0.071201268	6.96E-05	0.001639991
YGL02.2493.C1	9.307994371	0.528227568	0.395291381	0.635163568	-0.310815744	-0.347285402	-0.723373941	0.001303518	0.012929128
YGL02.3187.C1	8.618389019	0.528027124	0.265901099	0.362505287	0.09012962	0.077115617	-0.053421341	0.000113742	0.002318484
YGL02.18508.C1	7.106801395	0.527978581	0.210919442	0.331808511	-0.021368237	-0.097995552	-0.415881804	0.001983576	0.017456253
YGL02.10836.C1	6.325110544	0.527976891	0.051920708	0.258524795	-0.263280276	-0.295584744	-0.529506039	0.005186856	0.034806015
YGL02.1521.C1	6.476423192	0.52789492	0.452809315	0.175679612	-0.37647582	-0.033527342	-0.347294432	0.002123926	0.018286272
YGL02_GNYA1SO04I6UWW	10.45063451	0.527648466	0.079098104	0.016340367	-0.100718474	-0.206484312	-0.243580537	3.60E-06	0.000225889
YGL02.5652.C13	8.157174028	0.527626926	0.040938598	-0.022845437	-0.145512927	0.012303019	0.066005499	0.003522137	0.026274581
YGL02.3314.C3	10.16070591	0.527606527	0.094645193	0.524440003	-0.103021712	-0.232172795	-0.60549594	0.00119534	0.012153093
YGL02_GNYA1SO04JVSER	6.777926846	0.527511908	-0.383363124	0.14337978	0.087221741	-0.111120716	-0.658305557	0.00441108	0.030913802
YGL02_GNYA1SO04JN42X	9.943232603	0.527472256	0.306396273	0.923848424	0.209233292	-0.193672641	-0.561101916	0.000205518	0.003490386
YGL02.13248.C1	6.667136713	0.527379577	-0.047038653	0.130548881	0.296792337	0.158819195	0.063873616	0.002472946	0.020427447
YGL02.9843.C1	7.139205211	0.527076465	0.091955525	0.327788228	-0.064801131	0.0352667	-0.463924316	0.001491234	0.014237062
YGL02_GNYA1SO04IWVNV	6.487393438	0.527026745	0.441366207	-0.826247452	-0.085844932	-0.388690963	-0.245797315	0.007316662	0.044564651
YGL02.4240.C2	8.494825227	0.526961915	-0.104016603	0.456507871	0.215970536	0.11238935	-0.829113582	0.00135543	0.013287576
YGL02.11921.C1	5.43629451	0.526933482	0.086351314	0.230562053	0.156732436	-0.35374206	-0.266363478	0.003215739	0.024635066
YGL02_GNYA1SO04IJI37	6.494801389	0.526822666	0.220303112	0.412777499	0.073731699	0.060837335	-0.195031228	0.003741004	0.027433815
YGL02.4174.C1	8.072576262	0.52681812	0.18503507	-0.23618683	0.279081499	-0.362525268	0.193562151	0.00036641	0.005258905
YGL02_GNYA1SO04ICTZ3	11.16948309	0.526781811	-0.072856916	0.087687502	0.00537703	-0.117626728	-0.320389817	0.000580029	0.007262669
YGL02.11899.C1	9.531381957	0.526752281	0.147581463	0.291129701	0.196308224	-0.19510696	-0.384789142	0.000394939	0.005548252
YGL02.1669.C14	6.49622988	0.52673566	0.220095232	0.643183123	0.073612253	-0.313889558	-0.517965983	0.00260498	0.02118965
YGL02.893.C2	11.41349333	0.526691546	-0.112125612	0.242295586	-0.38435541	-0.080730475	-0.511947719	0.000557126	0.007058365
YGL02_GNYA1SO04IH4VR	9.041340275	0.526527739	0.438629127	0.678659103	0.123011084	-0.264213113	-0.310085912	0.000410324	0.005693358
YGL02.2695.C1	7.869049487	0.526426225	-0.177275847	0.224544246	-0.053696595	-0.151486418	-0.061160042	5.58E-05	0.001403887
YGL02.3751.C1	8.643416995	0.526152779	0.204961154	0.252096393	0.329489964	-0.040908733	-0.285774632	0.000469498	0.006247964
YGL02.10716.C2	9.347194431	0.526085481	0.217558071	0.518172136	-0.123057136	-0.257148753	-0.25495023	0.001067563	0.01121828
YGL02.6099.C7	8.256029719	0.525717364	0.052750013	0.518395375	0.133690477	-0.090746941	-0.469161569	0.00130525	0.012941358
YGL02_GNYA1SO04IQYPQ	8.16534333	0.525693075	0.039078809	0.970130284	-0.01638231	-0.302991511	-0.504418536	0.000993265	0.010659289
YGL02.9099.C1	7.670118266	0.525639536	-0.001118821	-0.061640086	0.083149914	-0.099395595	-0.07692437	0.002271269	0.019212512
YGL02_GNYA1SO04JBL7W	9.367282607	0.525624852	0.092843768	0.923391889	0.239443584	-0.081487584	-0.497863947	0.000169513	0.003056038
YGL02.23588.C1	7.1531254	0.525288418	0.17697882	0.137688189	-0.297188453	-0.067808521	-0.105647625	0.001404389	0.013637166
YGL02.8499.C1	5.738256963	0.525236656	0.506386659	0.243961013	0.088323146	0.010267496	0.015945724	0.000993755	0.010662051
YGL02_GNYA1SO04H7TD7	8.48694982	0.525064001	0.239527888	0.121120022	0.16320409	0.069622213	-0.316727076	0.002479874	0.020466401
YGL02.5576.C1	8.936004161	0.525020741	0.446141503	0.64657784	-0.105544079	-0.372881789	-0.374092244	0.001866347	0.016714241
YGL02_GNYA1SO04JMINU	10.73869437	0.524801191	-0.088147684	0.105572347	0.160844192	-0.121200914	-0.53613438	0.000392423	0.005518075
YGL02_GNYA1SO04JIMO7	9.04462319	0.524801073	-0.391894446	-0.499044323	0.022707905	0.055921775	0.297609667	0.000300008	0.004578709
YGL02.5994.C1	6.646608448	0.524655128	0.485829734	0.520672052	-0.268705608	-0.417960287	-0.477647161	0.001089159	0.011368995
YGL02.19550.C2	6.87972814	0.524611381	-0.249676203	-0.347918916	-0.112760067	0.306503158	-0.091511044	0.000975016	0.010524502
YGL02.5679.C2	8.868483473	0.524218072	-0.595168034	-0.112661866	-0.06791438	0.152930338	-0.080825989	0.000646658	0.007856349
YGL02.4176.C1	7.950890318	0.523972926	0.200820098	0.277178379	0.189763947	-0.319119218	-0.37581622	0.000587714	0.007327209
YGL02.12590.C1	7.152196769	0.523917773	0.606028506	0.679198176	-0.000627713	-0.087208511	-0.589723105	0.006091256	0.03907487
YGL02.242.C5	8.946109117	0.523868596	0.271283135	0.48677708	-0.035772401	-0.076304149	-0.394034704	2.35E-05	0.000774495
YGL02_GNYA1SO04IYT16	8.074686142	0.523751472	0.243660604	0.205774605	0.544824764	-0.054876406	-0.058659984	0.001761991	0.016051634
YGL02.9853.C1	9.465524429	0.523724091	0.038294455	0.023319053	-0.323070714	-0.195999891	-0.075309691	0.001429258	0.013811695
YGL02.6807.C2	7.993318707	0.523695646	0.140639194	0.296664966	0.195077891	-0.139401701	-0.392921023	0.000412444	0.005715114
YGL02_GNYA1SO04I2AEP	10.95862301	0.522965036	0.30088896	0.448257349	0.36499636	-0.226039075	-0.532469688	0.000240691	0.003908338
YGL02.22438.C1	4.560890693	0.52248143	-0.09212634	-0.271355807	0.360561307	-0.151258367	0.361887406	0.003037788	0.023650993
YGL02.8018.C2	7.55032903	0.522457371	-0.046992807	0.274864526	-0.116375039	-0.114127609	-0.140009481	0.001040733	0.011028858
YGL02.6875.C4	12.52420756	0.522444772	-0.125547459	0.025807108	0.218834628	-0.096283046	-0.255228485	0.000915235	0.010072311
YGL02.7981.C1	7.322484445	0.522062505	0.564138233	1.25053211	-0.299969093	-0.303823978	-0.636468805	0.005370321	0.035689464
YGL02.4223.C1	7.506035235	0.521809824	0.337648039	0.540633496	0.268644767	-0.105081283	-0.474614649	0.008178274	0.048249139
YGL02.12915.C1	8.462966497	0.52163245	0.228413893	0.845528316	-0.128949616	-0.044642688	-0.393557157	0.000376829	0.005360988
YGL02.268.C2	9.153361913	0.521573564	0.205019849	0.433556971	0.047627763	-0.089266508	-0.117236209	0.000202984	0.003465972
YGL02.19546.C1	8.423275461	0.521389397	0.423056794	1.306808929	0.211848178	-0.104162105	-0.558981171	0.001878607	0.01678225
YGL02.19933.C1	7.222577423	0.521191943	0.290314727	0.853017741	-0.036130379	-0.342829805	-1.047888307	0.002829329	0.022501504
YGL02_GNYA1SO04I21O8	9.815202336	0.520982049	0.022305158	0.09822647	-0.293184236	-0.039405176	-0.419780798	0.004308823	0.030379659
YGL02.17696.C1	7.626971529	0.520931224	0.360155754	0.372588707	0.105682267	-0.01621638	-0.288428698	0.002893497	0.022851836
YGL02.4395.C1	6.967150472	0.520904318	0.061242995	0.628581852	-0.00146483	-0.168454485	-0.468329476	0.001786377	0.016216157
YGL02.11728.C1	10.40073215	0.520622176	-0.032033479	-0.098034881	0.302785048	-0.151321442	-0.425701502	0.008168396	0.048206238
YGL02.19392.C1	8.023577233	0.520304995	-0.124752902	0.50360854	0.085276888	0.000663585	-0.392025374	0.003284665	0.025007942
YGL02_GNYA1SO04IASPG	7.321691782	0.520276267	0.261636425	0.527907187	-0.297318368	-0.388817796	-0.574569517	0.001175253	0.012015849
YGL02_GNYA1SO04IZEIT	7.900855017	0.519983565	-0.321525343	-0.189146577	0.358311586	-0.100668739	-0.169222866	0.000697485	0.008291818
YGL02.5878.C1	7.353172708	0.519935872	-0.115879879	-0.114505862	-0.018894793	0.091662069	-0.301261321	0.005518983	0.03640095
YGL02_GNYA1SO04H5FWM	9.385844887	0.519903959	0.023665156	-0.015522933	0.082552945	-0.147697867	-0.296487915	0.005219296	0.034972963
YGL02.9682.C1	4.835817615	0.519889131	0.015371772	0.335403439	0.36066057	0.146921485	-0.576818636	0.004710065	0.032447849
YGL02.11329.C1	7.434197932	0.519461565	0.177131546	0.245508998	0.143502487	-0.082814645	-0.423542823	7.84E-05	0.001788948
YGL02.12061.C1	8.817101118	0.519190343	0.36694345	0.671996739	-0.191039336	-0.122184869	-0.194994057	0.000154494	0.002865461
YGL02.15468.C1	5.415516325	0.519114358	0.739873589	0.236103815	-0.725851563	-0.502115648	0.047348753	0.003420048	0.02571347
YGL02_GNYA1SO04JP2KD	8.161360153	0.518907489	-0.200285851	-0.285226663	0.035216178	0.044534831	-0.326010159	0.006649677	0.041579387
YGL02.4416.C1	8.85016733	0.518816259	0.16208429	0.301467491	0.270755396	-0.309608733	-0.322304711	8.00E-05	0.001811881
YGL02.14396.C1	8.478954134	0.51881045	0.049547644	-0.084239066	-0.063119728	-0.115327842	0.033528362	0.000263558	0.004171891
YGL02.11894.C1	10.42009742	0.518798886	0.125617479	0.162414305	0.109617694	-0.052618691	-0.022711686	0.000301471	0.004595091
YGL02.3580.C1	6.810452308	0.518754076	-0.088825178	0.737661284	0.22782699	-0.268854882	-0.603464884	0.008086516	0.047866989
YGL02.8557.C2	7.059794041	0.5187483	0.019648448	0.920242864	0.116710301	-0.274764696	-0.792181295	0.002766505	0.022143822

YGL02_GNYA1SO04I24QP	8.073285636	0.518629171	0.040933549	0.221618304	-0.119391199	0.129968118	-0.046862556	0.000370977	0.005305436
YGL02_GNYA1SO04JNCDD	8.162284583	0.518608378	0.324825453	0.719407761	-0.00750586	-0.194974551	-0.320002184	0.000512695	0.006639259
YGL02_GNYA1SO04IG2ZR	13.46183419	0.518607811	-0.037131128	0.280721241	0.150576377	-0.337191357	-0.520384524	0.00418369	0.029757693
YGL02.5010.C1	11.19349158	0.51855167	-0.546660761	-0.024286133	0.105134242	-0.229479071	-0.441017612	0.001561975	0.014742886
YGL02.6504.C1	5.825935753	0.518532007	0.438724991	0.762935997	-0.134090867	-0.333997838	-0.490468116	0.001754711	0.016011225
YGL02.11787.C1	7.228608781	0.518259415	0.428464184	0.532559343	0.323249526	-0.268365974	-0.250527851	0.00287346	0.022736576
YGL02.4578.C1	6.381637093	0.518018961	-0.101183678	0.256839244	-0.115259448	0.073737651	-0.329148847	0.000366566	0.00526036
YGL02.7252.C1	7.987869481	0.517713724	0.51276262	0.958101383	-0.092358727	-0.260857306	-0.357988744	0.000115479	0.002340629
YGL02.9099.C3	7.007994103	0.51765793	0.119169181	-0.123986779	0.112925802	-0.218809289	-0.141252918	0.001334552	0.013144334
YGL02_GNYA1SO04IYDBI	7.466188898	0.517575053	0.218018596	0.384729568	-0.224985373	-0.342776328	-0.21359396	0.002762288	0.022121846
YGL02.19419.C1	7.830980352	0.517373165	0.271353305	0.338720696	-0.245198616	-0.277592841	-0.481747323	0.001308722	0.012964858
YGL02.5930.C1	8.097131782	0.516936032	0.238404419	0.270663131	0.034040523	-0.243647145	-0.380284087	0.000825099	0.00935954
YGL02.8966.C1	9.014744618	0.516599996	0.251560672	0.638378097	-0.296941043	-0.17871191	-0.362870556	0.000523014	0.006734525
YGL02_GNYA1SO04JXU3F	7.188525476	0.516452481	-0.01416463	0.289506996	0.135713508	-0.251969045	-0.752257397	0.001820494	0.016429714
YGL02_GNYA1SO04H250L	8.399132381	0.51630554	-0.115053821	-0.045897708	0.978118782	-0.005327834	0.011069999	0.008244409	0.048506724
YGL02_GNYA1SO04I2YFC	11.07907861	0.516141055	0.195874663	0.4420857	-0.055461921	-0.145730038	-0.19721028	3.89E-05	0.001101358
YGL02_GNYA1SO04JXWXR	7.435309763	0.515949381	0.138274402	-0.006679428	0.591959031	-0.860986362	-0.705324445	0.000431847	0.00588727
YGL02.10585.C2	10.79247004	0.515928107	0.280250798	0.395834752	0.360373604	-0.207770304	-0.545419293	0.001559077	0.014721964
YGL02.3344.C1	8.797831486	0.515892244	-0.105033727	-0.116369712	-0.069581821	-0.070398884	-0.103410427	0.000423718	0.005818377
YGL02_GNYA1SO04IIJ5P	9.450753527	0.51587867	-0.415945335	-0.244991008	0.10340109	0.011900502	-0.559945346	0.000181454	0.003200036
YGL02_GNYA1SO04H7T7X	7.760633747	0.515612035	0.439130591	0.386187712	0.053945426	-0.282267925	-0.285230717	0.00538404	0.035756757
YGL02.468.C1	12.42936775	0.515423397	0.04584603	0.030287843	0.178856416	-0.118543493	-0.28436823	0.000212767	0.003582474
YGL02_GNYA1SO04IV55I	8.411050252	0.515150955	0.466297897	0.5211408	-0.017821035	0.022280645	-0.724731467	0.006271695	0.039867017
YGL02_GNYA1SO04JA5MR	8.469808777	0.514922695	0.293874786	0.392290575	-0.290774859	-0.232752035	-0.040453086	0.002923918	0.023017686
YGL02_GNYA1SO04JUYZD	11.56141175	0.514861039	-0.018687298	-0.136147853	0.243135567	-0.126661415	0.200060415	0.004136829	0.029514096
YGL02.1481.C1	10.67003736	0.514745525	0.153629404	0.072559606	0.07775043	-0.137541551	-0.320854906	0.002217925	0.018874708
YGL02.7004.C1	8.986457142	0.514719308	-0.374595861	-0.557229044	-0.065688877	0.073512178	0.345754926	0.000340331	0.004997977
YGL02_GNYA1SO04IX8DO	9.476818699	0.514639281	0.229944192	0.681961753	-0.113279982	-0.309763039	-0.470572766	0.001757106	0.016021181
YGL02_GNYA1SO04ITIX9	6.194566648	0.514551577	-0.230171982	0.239471672	0.278408804	0.316341306	-0.230166281	0.002615879	0.021242525
YGL02.11176.C1	9.811015166	0.514509872	0.028072126	-0.004835389	0.04102139	-0.058908959	-0.32454991	0.000388484	0.005478964
YGL02.2279.C1	6.080360016	0.514458206	0.378923177	0.161770215	0.43928615	-0.031926643	-0.338191499	0.0041841	0.029757895
YGL02_GNYA1SO04H5DAL	7.792023678	0.514108684	0.390627353	0.512870406	-0.146081348	-0.180018181	-0.41064264	0.008316494	0.048795605
YGL02_GNYA1SO04H1139	8.177403643	0.513991983	0.096759604	0.309117443	0.018623914	-0.102994337	-0.27150394	0.000521122	0.006718483
YGL02.16267.C2	10.00584138	0.513978431	0.227051171	0.42654065	-0.220558333	-0.111208681	-0.206821973	6.51E-05	0.001560292
YGL02.18262.C1	6.723252974	0.513930041	0.081873056	0.167372203	-0.048099766	-0.260396545	-0.69978332	0.000155915	0.002882746
YGL02_GNYA1SO04I4UTH	8.356091964	0.513628916	-0.120822546	-0.210739814	-0.043862932	-0.238802121	-0.421415584	0.002304742	0.01941955
YGL02_GNYA1SO04JT8BK	8.286394793	0.513527754	-0.019097896	0.448784991	-0.022917023	0.075257726	-0.299870543	0.002002926	0.017563862
YGL02.11151.C1	11.98538518	0.513437746	0.21953457	0.400266828	-0.024206172	-0.041884149	-0.430076835	0.000840183	0.009477098
YGL02_GNYA1SO04IN8NZ	9.302582358	0.512851608	-0.055892148	0.588716353	-0.063705527	0.100979755	-0.261440874	0.000350152	0.005099984
YGL02.270.C1	8.886502155	0.512710603	-0.198891317	-0.105265744	0.101054591	-0.094459247	-0.081723612	0.000229067	0.003773533
YGL02.10590.C2	7.696298181	0.512605578	-0.152086993	0.483629814	0.012229562	0.020036534	-0.168847396	0.000290437	0.004472172
YGL02.14024.C1	6.894375229	0.512582341	-0.597984821	0.383588732	0.410344904	-0.241385517	-0.20851883	0.006435386	0.040616627
YGL02.16540.C1	11.29674783	0.512472816	0.182678903	0.519303474	0.135617598	-0.073928016	-0.599187225	0.001209274	0.012262028
YGL02.11351.C1	7.091600338	0.512219855	-0.32315152	0.057667183	-0.107028571	0.191663083	0.013119287	0.000874641	0.009748182
YGL02.970.C1	9.864654443	0.512115196	-0.226190217	0.271304535	0.080164157	0.013893551	-0.498797664	0.000440252	0.005966372
YGL02_GNYA1SO04JFQ7P	7.864461733	0.51204857	-0.291764492	0.024323086	-0.256554072	0.182617483	0.122948752	0.000807453	0.009223164
YGL02.16110.C2	4.793239315	0.511621079	0.012394959	0.566116948	0.320480837	-0.038355542	-0.850789876	0.000203084	0.003467235
YGL02_GNYA1SO04II3KF	9.499833407	0.511442557	0.232873302	0.408512474	0.228355958	-0.104590223	-0.399063521	0.000677508	0.008121431
YGL02_GNYA1SO04IY3C3	7.372444167	0.51127287	0.495724846	-0.023909036	-0.059021992	0.047809928	-0.138825639	0.006721904	0.041891907
YGL02.1781.C1	7.651822848	0.511269773	0.491312851	1.376641908	0.085202037	-0.436586036	-0.408181533	0.001103884	0.011484625
YGL02.15858.C1	11.24811752	0.511249785	0.262114624	0.249315384	-0.131357346	-0.218156175	-0.293597715	0.000109088	0.002255931
YGL02.5935.C11	7.136825434	0.511222463	0.370960957	0.364583841	-0.239111279	0.042608845	0.059060879	0.001707283	0.015695688
YGL02.21380.C1	9.047173202	0.511196049	0.202022658	0.766719454	-0.272774853	-0.163546316	-0.601558348	0.000309358	0.004681104
YGL02.5162.C2	9.018094645	0.510763476	0.327012574	0.664694337	0.087033586	-0.111005144	-0.211189062	0.002239868	0.019021446
YGL02.10761.C1	8.482987785	0.510733078	0.316013557	0.142638567	0.487061766	-0.210006133	-0.22106468	0.001536319	0.014559092
YGL02.16502.C1	6.349251901	0.510725218	-0.290201728	-0.134204701	-0.252053104	0.183240577	-0.028746765	0.002853108	0.022636398
YGL02.2420.C1	7.133257578	0.510630407	0.257086398	0.490271526	-0.123803291	0.094919553	-0.238264657	0.002040971	0.017796865
YGL02.20983.C1	7.550197614	0.51057891	0.201769416	0.68807207	-0.30009405	-0.271442586	-0.667123366	0.002868058	0.022707709
YGL02_GNYA1SO04INC5Y	8.272099393	0.510495294	0.174820101	0.200571072	-0.094503184	-0.088808596	0.045753808	6.30E-05	0.001525598
YGL02.10280.C2	6.416339211	0.510387358	0.366014323	1.007113484	-0.056065562	-0.211300194	-0.416360906	0.005373531	0.035707127
YGL02.20726.C1	7.620252938	0.510360759	0.203911001	0.756836501	-0.096790341	-0.014218983	-0.135078379	0.001043215	0.01104612
YGL02.11538.C1	8.142397634	0.51003312	0.279066747	0.830402229	-0.005945146	-0.460472646	-0.671206095	0.000174472	0.00311939
YGL02.5079.C1	7.738493164	0.509759404	0.070366615	0.338211579	0.653319387	-0.15080502	-0.531020519	0.005352908	0.035610991
YGL02_GNYA1SO04J0CFK	6.39637282	0.509256094	0.347223571	0.199046988	-0.058966944	-0.50806897	-0.226232744	0.005565576	0.036637351
YGL02.7351.C1	8.23308372	0.509252975	0.010611261	0.096635884	0.204616045	0.006304184	-0.140253536	0.002438972	0.020215149
YGL02.2606.C2	11.77231354	0.509197621	0.202200322	0.38742417	-0.044579629	-0.221290371	-0.904654024	0.001008293	0.010770402
YGL02.15721.C1	6.543470468	0.509036985	-0.090650432	-0.056508334	-0.045081233	0.065864701	0.024021607	0.002809055	0.022385626
YGL02.18143.C1	9.215100488	0.508998486	-0.199497786	0.524744321	0.155521423	-0.324064947	-1.001541759	0.000879658	0.009792018
YGL02.5090.C1	8.595119938	0.508765699	-0.156342522	0.081835994	-0.104904094	0.120916263	0.145668852	0.001045077	0.01106041
YGL02.14293.C2	12.34253639	0.508622663	0.435764637	0.429324095	-0.247875215	-0.278042955	-0.387730805	0.001971226	0.017382415
YGL02.15123.C1	8.515212494	0.508533912	0.351089727	0.399422756	-0.23393105	-0.108516128	-0.028532213	0.000176168	0.003136297
YGL02_GNYA1SO04JIGZB	11.89511854	0.508374163	-0.044387545	0.087483609	-0.071476248	-0.058725584	-0.250331136	1.64E-05	0.000602889
YGL02.132.C1	6.855277363	0.508316822	0.394364077	0.417217694	-0.034794452	-0.2717144	-0.428455389	0.000315142	0.00474261
YGL02.13197.C1	2.85434389	0.507976185	0.016712181	0.129073488	0.034468758	-0.334959985	-0.509283659	0.00775398	0.04648074
YGL02.9893.C1	9.100772351	0.507946639	0.169665923	0.252276089	-0.213090985	-0.195371713	-0.090786927	0.000328795	0.004881143
YGL02_GNYA1SO04ICOZ8	8.860702332	0.507801405	-0.12101686	0.341150785	0.17168129	0.167608302	-0.035140488	0.001270088	0.012685971
YGL02.16979.C1	9.087421268	0.50778378	0.313498556	0.596537004	-0.262567486	-0.469807741	-0.849298975	0.001362506	0.013338486
YGL02.10163.C1	6.423356698	0.507754122	-0.154911246	0.930739193	-0.004086959	-0.198140998	-0.968800933	0.006054252	0.038914234
YGL02.19981.C1	8.149740297	0.50773166	0.066511478	0.052672978	-0.386823523	-0.119373325	-0.155025687	0.000887785	0.009853389
YGL02_GNYA1SO04IE8OM	7.166589621	0.507678883	0.383595504	0.982054849	-0.116275186	-0.314861182	-0.761183244	0.000984845	0.010596224
YGL02_GNYA1SO04JUFRQ	10.05328423	0.507565076	0.344744256	0.55018015	-0.114425037	-0.261112782	-0.275042447	0.001505671	0.014339319
YGL02.15738.C2	6.003378814	0.507524961	-0.087831374	0.024947092	0.491280123	-0.382936809	-0.445960065	4.88E-05	0.001283708
YGL02.16628.C1	9.938124691	0.507285754	0.205186711	0.280601949	-0.160889622	-0.145941381	-0.114929706	1.78E-05	0.000637922
YGL02.5421.C1	9.513235443	0.507248939	-0.076264277	0.203868571	-0.003851218	-0.053065435	-0.114042173	0.003645982	0.0269263
YGL02.10984.C1	7.212065256	0.507172819	0.220726657	0.578840285	-0.124603175	-0.379151354	-0.406580615	0.002765206	0.022136999
YGL02.8721.C1	9.185497778	0.50712348	0.072001684	0.684413134	-0.065795003	0.003940208	-0.413415354	2.76E-05	0.000865159
YGL02_GNYA1SO04JCPHT	9.533935865	0.507040155	0.447144544	0.547396131	0.011900468	-0.078678193	-0.458087793	0.0013146	0.013003196
YGL02.10940.C1	8.837513376	0.506803638	0.384041589	0.792480603	-0.053270896	-0.393291212	-0.602023391	0.000365093	0.005245619
YGL02_GNYA1SO04IZ6ON	6.820370008	0.506485466	0.062133513	-0.0775917	-0.26099504	-0.235348743	-0.176186185	0.003133545	0.024180689
YGL02_GNYA1SO04I97UF	13.02364822	0.506443549	0.088321539	0.184577552	0.069350446	-0.279334984	-0.378690553	0.000351502	0.005112886

YGL02_GNYA1SO04JN2IQ	2.829655037	0.506298199	0.022524916	0.064277399	0.05759213	-0.364424918	-0.468507691	0.007218951	0.044133621
YGL02.329.C47	7.503669185	0.506246778	0.180801981	0.804556493	0.075718628	-0.172666524	-0.810113511	0.003149614	0.024270646
YGL02.4854.C1	6.360411253	0.505829066	0.027361414	0.155360385	-0.194444	-0.100466308	0.170609028	0.003073801	0.023853929
YGL02.15957.C1	5.910188099	0.505600242	0.121936084	0.276233971	-0.199205902	-0.586042567	-0.354473195	0.004740653	0.03259167
YGL02.10915.C1	8.569422392	0.505329061	-0.207567122	0.126995897	-0.083973131	-0.176441613	-0.224262229	0.004127208	0.029472804
YGL02_GNYA1SO04JI4PR	9.847037187	0.505211539	0.069631551	0.356999901	0.274648691	-0.067448755	-0.42561913	0.000651377	0.007896644
YGL02.571.C4	11.58617028	0.505077162	-0.085616471	0.415242514	-0.146286028	0.015777442	-0.535765702	3.98E-05	0.001116834
YGL02_GNYA1SO04IOLRT	10.31313422	0.504957258	-0.124498696	-0.165784649	-0.647520071	-0.125710774	-0.342939589	0.000522431	0.006729699
YGL02_GNYA1SO04INVBW	8.222428323	0.504936829	-0.150914247	0.250823157	0.041368863	-0.114969275	-0.435233412	0.002714768	0.02185074
YGL02.2993.C2	6.536700123	0.504934406	-0.197166727	-0.473103079	0.083062891	0.274486206	0.502518725	0.003532905	0.0263372
YGL02.10227.C2	7.805239306	0.504727353	0.025444833	0.481856281	-0.011385885	-0.248974953	-0.580566414	0.00248751	0.020503289
YGL02_GNYA1SO04H8RSQ	8.160285586	0.504620673	0.196111293	0.667607446	-0.033717101	-0.27805089	-0.688356647	0.007324804	0.044595494
YGL02.20809.C1	7.061349049	0.504612857	-0.258988357	0.013181831	0.108634392	-0.108667856	-0.328512179	0.001389735	0.013526317
YGL02_GNYA1SO04I5403	8.565546952	0.504499533	0.253068916	0.68513998	-0.116154148	-0.132859141	-0.728110827	0.005103509	0.034387101
YGL02.4965.C1	6.129697753	0.504291795	0.400446176	0.572718629	-0.099562055	-0.45107878	-0.345897654	0.00420693	0.029869415
YGL02.2293.C1	6.300592765	0.504253148	-0.137830467	0.369906264	0.221299276	-0.022257831	-0.515169955	0.00614691	0.0393073
YGL02_GNYA1SO04INIR3	13.44160094	0.504214024	-0.015367819	0.144080156	0.347082939	-0.199337352	-0.440405941	3.21E-05	0.000964808
YGL02.6451.C1	6.997797066	0.504199579	0.11923536	0.684752664	0.213470381	0.131628594	-0.143321533	0.003030799	0.023611103
YGL02.11001.C1	7.988286534	0.504148949	0.130700501	0.682971629	-0.075448103	-0.276858845	-0.107262438	0.000240687	0.003908338
YGL02_GNYA1SO04JEKFE	6.748999926	0.503687006	0.035156298	0.081574726	0.258439963	0.007743868	-0.147353822	0.001281085	0.01276038
YGL02_GNYA1SO04I4DDN	6.322269286	0.503672911	0.320972415	0.663790577	0.189570554	0.045466648	-0.211027943	0.006005318	0.038688933
YGL02.20521.C1	7.241735237	0.503552172	-0.32141997	-0.307751281	-0.024763851	-0.180873863	0.280570766	0.008585317	0.049911553
YGL02.12674.C2	5.934757647	0.50304828	0.04488847	0.069461854	-0.061640655	0.120812039	0.178228221	0.001818281	0.016417756
YGL02_GNYA1SO04IWM9L	9.406326648	0.502889749	0.015283486	0.234016449	0.370575041	-0.032719864	-0.098122046	0.00207449	0.017995844
YGL02.2395.C1	8.419601038	0.502786231	0.749279118	1.08148309	0.046139779	-0.108672109	-0.876969303	0.000727347	0.008556703
YGL02_GNYA1SO04I8CRY	12.73853851	0.502691365	-0.050334592	0.147486008	0.131583282	-0.18544181	-0.247429788	0.001929449	0.017123046
YGL02.7880.C2	7.968178295	0.502545811	0.367939273	1.073094117	0.28102092	-0.262067397	-0.381224633	0.000102514	0.002160343
YGL02_GNYA1SO04H0QCK	8.458021157	0.50239479	0.374593138	0.74845196	-0.318747641	0.081064456	-0.479314983	0.005049831	0.034134156
YGL02.5162.C1	8.679106773	0.501935486	0.648470138	0.897607026	-0.12828243	-0.244346851	-0.24396703	0.000345067	0.005048058
YGL02.7178.C3	9.720346933	0.501903363	-0.233060449	0.1560862	-0.138825882	0.059117028	-0.879393173	0.008436645	0.049306213
YGL02.13951.C1	7.037064127	0.501716799	0.033585035	0.342791878	-0.0241073	0.330992346	0.092923192	0.002860118	0.02267118
YGL02_GNYA1SO04H6CPG	10.7296213	0.501192651	-0.028392436	0.1417944	-0.121608703	0.006268522	0.030384455	0.000210257	0.00355083
YGL02_GNYA1SO04IRR0P	8.66790193	0.500846647	0.218613475	0.127219396	0.040329876	-0.097720888	-0.224902671	0.003946389	0.028497673
YGL02_GNYA1SO04IYU06	10.82819486	0.500659626	0.07932466	0.234993979	-0.005533145	-0.110512555	0.107541111	0.000895874	0.009922493
YGL02.14907.C1	2.755566266	0.500427502	0.303129872	0.027112827	0.121906564	-0.737362281	-0.515592701	0.006420604	0.040550826
YGL02_GNYA1SO04IHUYM	8.805769691	0.500312111	0.206194956	0.505613542	0.235336902	-0.07414584	-0.370247884	0.000980832	0.010571421
YGL02_GNYA1SO04JOTYQ	7.944977847	0.500206553	0.119350068	0.275279309	-0.120154711	0.026107831	-0.164395469	0.000270274	0.004247554
YGL02_GNYA1SO04I1A9H	7.803065152	0.499865592	0.350702787	0.311688494	0.333384394	-0.231429972	-0.497717126	0.00586118	0.038020811
YGL02.17712.C1	7.605475429	0.499782732	0.216546341	0.116608383	-0.409796503	-0.226786655	0.013472182	0.000186964	0.003270056
YGL02.20730.C1	10.85901042	0.499766386	0.158400598	0.540339897	0.268561595	-0.043349401	-0.617688771	0.000736262	0.008630806
YGL02.6602.C1	9.071140427	0.499580046	-0.214599437	0.059932276	-0.050897862	0.068106769	0.234463776	0.000105145	0.002195225
YGL02_GNYA1SO04IVTUH	8.071564884	0.499488811	-0.040462725	0.586132999	-0.18330088	-0.444005234	-0.52118653	0.005964362	0.03848198
YGL02.3562.C1	6.739480186	0.499480006	-0.34215203	0.238310954	-0.132562085	-0.065317348	-0.231235081	0.006955995	0.042894579
YGL02_GNYA1SO04JN8CW	8.27223052	0.499057067	-0.284628462	-0.149718752	-0.036751248	0.019899149	-0.168492843	0.001480309	0.014165138
YGL02.8601.C1	8.165446158	0.499032478	0.089253898	0.249749038	0.119310625	-0.04200634	-0.549783326	0.004619847	0.031970295
YGL02.11756.C1	8.587366475	0.499021853	-0.047033283	0.005470602	0.02727213	-0.022667968	-0.166643336	0.000482512	0.006367495
YGL02.4315.C2	7.898470241	0.49864023	0.131340003	-0.309309874	0.029855006	0.008254825	0.126241322	0.008339092	0.04889275
YGL02.3631.C2	9.890450219	0.498506656	-0.115853425	0.095837577	0.455853266	0.132219873	-0.009312366	0.002783231	0.0222428
YGL02.18568.C1	6.567332595	0.497759963	0.462368074	0.390872028	-0.61313855	-0.21734504	-0.181674678	0.000911661	0.010045382
YGL02.10365.C1	9.605074457	0.497592254	0.396469375	0.4829313	-0.073727195	-0.608110437	-0.315043724	0.002201228	0.018782745
YGL02_GNYA1SO04IPWBE	10.03960664	0.497367719	0.360777549	0.199714583	-0.532438445	-0.116492267	-0.829880616	0.005235991	0.035065229
YGL02_GNYA1SO04JFB9O	8.056325601	0.497161609	0.326008477	0.389752957	0.19332862	-0.368354392	-0.055220909	0.007747988	0.046451275
YGL02.2871.C1	9.510371913	0.497098313	-0.171459483	0.105732813	-0.13776474	-0.220854106	-0.387994295	0.000609683	0.007518225
YGL02.21982.C1	6.761198201	0.497007738	0.154812697	0.658524057	0.171920039	-0.200263464	-0.471717618	9.23E-05	0.002009618
YGL02.12242.C1	7.314780716	0.496966928	-0.47260824	0.434103325	0.283525924	-0.491183376	-0.656648971	0.003929864	0.02840954
YGL02.4518.C1	7.441984548	0.496422329	0.219247447	0.653847071	0.328769503	-0.15129342	-0.29423676	0.001580364	0.014849346
YGL02.16962.C1	7.129597606	0.496336037	0.324114446	0.212162224	0.013101473	-0.140727418	-0.663705431	0.004014023	0.028873364
YGL02.19326.C1	4.68908837	0.49624309	-0.214667315	0.673567878	-0.271881538	-0.17830949	-0.515835419	0.003824066	0.027859816
YGL02_GNYA1SO04JK7RD	11.56003802	0.49619144	-0.018739177	0.172032714	0.125077816	-0.129007967	-0.102522984	0.005594263	0.036785334
YGL02.9340.C2	12.83341573	0.496095469	0.179819539	0.528749433	0.105453038	-0.179491209	-0.634993088	0.005536801	0.036498025
YGL02.11673.C1	7.152614638	0.496069729	0.858839464	1.16358679	-0.0783561	-0.109991986	-0.269437955	0.000967974	0.010476431
YGL02.10101.C1	9.251715956	0.49604129	0.023299207	0.060105943	0.077813507	-0.238122259	-0.295383061	0.000132415	0.002577798
YGL02.7737.C1	6.539670865	0.495965057	0.161500784	0.163035077	-0.17094745	-0.123401154	-0.033433344	0.001037379	0.011002324
YGL02_GNYA1SO04JG3MN	11.3520127	0.49586283	0.073265886	-0.056271407	0.021349107	0.000491994	-0.125477735	9.47E-05	0.002045237
YGL02_GNYA1SO04I9Q6L	7.591775943	0.495819028	-0.364861467	0.081965185	0.100815167	0.439337428	-0.359506972	0.002551831	0.020880612
YGL02.1669.C32	8.721333792	0.495324275	0.723195714	0.65183853	-0.351486737	-0.148590111	-0.552180621	0.000280971	0.004372155
YGL02.2732.C1	6.916271669	0.495314581	0.434191045	0.426702896	-0.290775566	-0.308487146	-0.3463325	0.000637168	0.007770213
YGL02_GNYA1SO04IOAMI	6.813853911	0.495297246	0.077679832	0.098106499	0.044733091	0.07325132	0.217454767	0.006464975	0.040757518
YGL02.20350.C1	8.333652602	0.494875663	0.242036791	0.225278116	-0.167332556	-0.241356756	-0.061465734	0.00133615	0.013155824
YGL02_GNYA1SO04IC8XN	7.790258209	0.494852078	0.030194546	-0.008193026	0.0929681	0.011824792	0.028979021	0.000859348	0.009629944
YGL02_GNYA1SO04IQTKQ	6.881426679	0.494762812	0.298649054	0.27095364	-0.067729264	-0.442626457	-0.378000949	6.14E-05	0.001497201
YGL02_GNYA1SO04I76WR	12.53523046	0.494728809	-0.035030599	0.017376903	0.124962857	0.033743498	-0.262613986	0.001796035	0.016274544
YGL02.3504.C1	10.2654609	0.494646604	-0.418694303	0.359732792	-0.15525903	-0.071347575	-0.605254337	0.000431816	0.00588727
YGL02.10107.C1	7.875834611	0.494486236	0.022187879	0.41483528	0.140128543	0.050593663	-0.305228132	0.000397233	0.005570687
YGL02_GNYA1SO04JGERQ	9.9544579	0.494191225	-0.08341314	0.133504649	0.445787732	0.10547936	-0.023367792	0.004827966	0.033043239
YGL02_GNYA1SO04JJU2Q	12.72313196	0.494156869	0.245807967	0.496319949	0.028109012	0.010998273	-0.554866409	0.002824388	0.022479184
YGL02.10175.C1	12.29521639	0.494026648	0.440400166	0.517288122	-0.060571524	-0.196652239	-0.454068005	0.00111382	0.011557474
YGL02.19231.C1	9.438321143	0.493684085	0.016637442	0.136064786	-0.073836439	0.056774697	0.008460398	0.000156537	0.002890523
YGL02.11919.C2	6.907757454	0.493503403	0.413069422	0.184055352	-0.46723938	-0.053936341	-0.268104922	0.005619893	0.036899664
YGL02.5799.C1	10.56422425	0.493479318	0.207264283	0.403551743	0.323094673	-0.014412376	-0.438315168	0.00031562	0.004748158
YGL02.3658.C1	6.29075793	0.493476768	0.447571086	0.389182605	-0.122601069	-0.154777194	-0.371931557	0.000397873	0.005574955
YGL02.128.C1	5.936679887	0.493398582	0.299597254	0.336929597	0.090605997	0.064049988	0.120819408	0.006035264	0.038837716
YGL02_GNYA1SO04IBU8B	7.669288727	0.493329658	0.155035265	0.186828052	-0.049466801	-0.119915192	-0.267252971	0.000325637	0.004845233
YGL02.5406.C1	9.924838892	0.493076843	0.158537825	0.368786398	0.218758164	-0.049376108	-0.274394706	0.000598683	0.007420481
YGL02.15972.C1	11.75800284	0.492997384	0.065609246	0.335918909	-0.050109424	-0.110359616	-0.424417024	0.000484956	0.006390813
YGL02.19070.C1	8.000978025	0.492883591	-0.098014468	0.262943757	-0.105226789	0.176280937	-0.169043682	0.000404401	0.005635932
YGL02_GNYA1SO04JKTSR	10.8287093	0.492736967	0.332014902	0.620610663	-0.201663048	-0.095463957	-0.494494431	0.00034613	0.005060776
YGL02_GNYA1SO04JXB4I	8.43824099	0.492699615	0.33264861	0.584105322	-0.225134063	-0.225658001	-0.179027678	0.000483293	0.006375861
YGL02.5091.C1	8.347864437	0.492333552	0.280428265	0.202492643	-0.332000612	-0.291753522	-0.473565608	0.00604115	0.038863178
YGL02.7647.C2	6.287610213	0.492012616	0.141043588	0.120164007	-0.112230406	-0.119662621	0.029823007	0.002033143	0.017749063

YGL02_GNYA1SO04H8C14	11.89050364	0.4919603	0.195502836	0.338335837	-0.074002866	-0.112896237	-0.548805729	0.000327852	0.004869932
YGL02_GNYA1SO04IDAID	8.537655856	0.491958229	0.258025973	-0.01667491	-0.154682302	-0.02446987	-0.32047961	0.002945416	0.023116664
YGL02.11100.C2	10.76573816	0.491752562	0.131066645	0.008277311	-0.105785261	-0.178546286	-0.097397341	9.76E-05	0.002086327
YGL02_GNYA1SO04JEKXF	9.166945436	0.491430316	0.20503651	0.227092687	0.145368779	-0.240318658	-0.151756287	0.000615336	0.007568834
YGL02_GNYA1SO04I7VPI	9.513238431	0.49130051	0.288296251	0.502639952	-0.050368215	-0.54594916	-0.379987423	0.001925534	0.017096499
YGL02_GNYA1SO04ISJ81	7.984770062	0.491285899	0.345551845	0.356160762	-0.030544552	-0.066199234	-0.260259716	0.002002312	0.017562653
YGL02_GNYA1SO04I4SV6	9.88674666	0.490856078	0.19165926	0.178994233	-0.051825138	-0.158435472	0.088434632	0.006031509	0.038824298
YGL02_GNYA1SO04IZLIB	7.974238982	0.49074439	0.053037918	-0.272173977	0.107984187	-0.244688074	0.102661763	0.00121689	0.012315148
YGL02.1934.C1	8.229988112	0.490613343	0.090133546	-0.268441647	-0.379472021	-0.02502572	-0.113603686	0.003108581	0.024053205
YGL02.18742.C1	6.351072493	0.490597433	0.098357973	-0.211067529	-0.027706299	-0.003754595	0.042878301	0.007390175	0.044892949
YGL02_GNYA1SO04JCEUX	6.718313433	0.490583343	-0.415942261	-0.295644926	-0.592045692	0.243410003	0.123376382	0.007444802	0.045124531
YGL02_GNYA1SO04H0WO9	12.75940853	0.490526227	-0.045316059	0.133435866	0.143004547	-0.154763956	-0.149531317	0.002059059	0.017895543
YGL02.7361.C1	10.08235769	0.490511919	0.393004599	0.872852806	0.034463716	-0.058967261	-0.701850071	0.001331073	0.013119041
YGL02.3420.C1	7.021459802	0.490437703	0.034577819	0.137790599	-0.007811131	-0.197528516	0.131621453	0.001379816	0.013460125
YGL02_GNYA1SO04H9CMX	9.623162652	0.490278857	0.093677398	0.331516032	-0.109503606	-0.028599948	-0.305251627	0.003458635	0.025925311
YGL02.7506.C1	7.332457982	0.490155833	0.007940869	-0.092397134	-0.090453529	-0.086458135	-0.098280996	0.005017436	0.03399147
YGL02_GNYA1SO04IGDFR	8.840583484	0.49003268	-0.291119024	-0.111741616	0.010992793	-0.115187637	-0.117259154	0.00065064	0.007890664
YGL02.12882.C1	6.10718246	0.490012	-0.145793319	0.351986307	-0.327029317	-0.152510053	-0.488972811	0.00470236	0.032407948
YGL02.20911.C1	7.803269821	0.489976775	0.088582399	0.337508127	0.231385887	-0.019372493	-0.274980351	0.001349214	0.013244484
YGL02.3915.C1	8.895875116	0.489914885	-0.045148356	0.449100695	0.035684496	-0.189330047	-0.684518647	0.001455606	0.014000765
YGL02.4284.C1	7.110902392	0.48968902	0.658430709	0.423355507	-0.672255772	-0.485830256	-0.298717763	0.008143727	0.048120696
YGL02_GNYA1SO04JZ0R4	7.811492471	0.489250052	0.64751499	0.545928058	0.065379608	-0.263352965	-0.158276374	0.001211852	0.012284323
YGL02.8030.C1	9.433235132	0.488943024	0.140381739	0.254093261	-0.473537556	-0.04127735	-0.54781977	0.006127552	0.039231908
YGL02.656.C2	9.031337543	0.488429436	-0.086057221	0.105559159	-0.139928412	0.041008843	-0.482449468	0.004742096	0.0325968
YGL02.6717.C1	8.471126818	0.488251846	0.032372617	0.068525823	0.074143889	-0.38536821	-0.15143445	1.50E-05	0.0005666
YGL02.3703.C1	8.316468791	0.488230237	-0.06708467	0.186195844	-0.217416802	-0.014115079	-0.208794766	0.001578479	0.014841596
YGL02.13053.C1	9.962209633	0.488062049	0.047477909	0.199757123	-0.333132958	0.028511452	-0.292916766	1.52E-05	0.000571601
YGL02_GNYA1SO04JOTA1	12.79785533	0.487855552	0.070143546	0.232372872	0.015512569	0.035726809	-0.125784618	0.000142931	0.002717944
YGL02.8565.C1	9.542481125	0.487832891	0.253529861	-0.002881323	-0.088735425	-0.243552161	-0.072634142	0.002052425	0.017849871
YGL02.2358.C1	6.633025731	0.487786378	0.255678322	0.422526777	-0.188470289	-0.218968393	0.006246088	0.001873364	0.016754678
YGL02_GNYA1SO04I8R2N	7.334017254	0.487746295	-0.095724808	-0.279007622	-0.077632581	0.173423433	-0.084549269	0.003401709	0.025623187
YGL02.11065.C1	10.48152183	0.487633673	0.333945421	0.230397074	0.070097781	-0.149289522	-0.055627153	0.001622974	0.015133975
YGL02.2532.C2	9.363372036	0.487489157	0.087191028	0.43762165	-0.080971699	-0.211073323	-0.160181636	0.00073293	0.008604195
YGL02.581.C1	9.225161791	0.487474888	-0.128894677	-0.037071018	0.044224161	-0.039449735	-0.077963983	0.00845798	0.049395805
YGL02_GNYA1SO04ILR5C	8.189280521	0.487351192	-0.117961776	-0.174975224	0.005311927	-0.113038639	-0.184631257	0.001469329	0.014094434
YGL02.12226.C1	6.587694339	0.487250872	-0.068255448	0.357299391	-0.020382718	-0.024920298	-0.217161541	0.003613667	0.026768221
YGL02.63.C1	6.767174101	0.487090555	0.226577391	0.373409661	0.061008394	-0.19850149	-0.489323925	0.00359699	0.026684371
YGL02_GNYA1SO04H3FEZ	8.749313793	0.486927366	-0.387695088	-0.311194298	0.309261082	-0.020088953	-0.187349598	0.008092032	0.047890803
YGL02.1306.C1	12.49931232	0.486893194	0.401794755	0.872677829	0.35447473	-0.353294548	-0.579944294	0.001143175	0.011785584
YGL02.2213.C1	8.450500869	0.48684339	-0.461391948	0.149967907	-0.045398191	0.099830915	-0.175534528	0.000228981	0.003773068
YGL02.11313.C1	7.785069241	0.486832558	0.062286791	0.498327732	-0.36505201	0.196372579	-0.381776044	0.002522869	0.02071375
YGL02.2488.C2	7.822312934	0.486734498	0.107301699	0.546672028	0.724927981	-0.217817268	-0.766783474	0.003814324	0.027804482
YGL02.14310.C1	9.445514447	0.486723204	0.247486843	0.574822566	-0.18689557	-0.194514125	-0.081606391	0.000390756	0.005503815
YGL02_GNYA1SO04JTL3P	6.876689598	0.486676029	-0.13679985	0.448863168	0.055304385	0.119970497	-0.826502659	0.003548346	0.026426445
YGL02.2194.C1	8.596905192	0.486343241	0.129716701	0.257952353	-0.175433663	-0.077408485	-0.086866904	0.000478804	0.006330827
YGL02.1669.C33	9.653195835	0.486337651	0.24397989	0.434959231	0.166850263	-0.175960167	-0.661119631	0.001176989	0.012028429
YGL02_GNYA1SO04IQUFR	10.71999052	0.486326345	-0.086086172	0.401008012	0.172871149	-0.175154566	-0.129207754	0.000119361	0.002396428
YGL02.6009.C1	10.38629422	0.486309959	0.166618319	0.278469897	-0.160069063	-0.04254471	-0.396095547	0.006131668	0.039246506
YGL02.11656.C1	13.06936407	0.486149886	0.204045448	0.354018633	-0.178399401	-0.063558885	-0.359095501	0.000780355	0.00899139
YGL02.3569.C1	8.288539744	0.485849034	-0.237929182	-0.236155962	-0.090757668	0.011312459	-0.154141073	0.000684168	0.008181925
YGL02_GNYA1SO04IKAFP	8.248085992	0.485831487	0.012791055	0.116018767	-0.0360033	-0.202982868	-0.59138342	0.002021066	0.017690007
YGL02.2155.C1	10.21751444	0.485727703	0.291877277	0.753542296	-0.165826668	-0.073023301	-0.526497399	0.000248877	0.003999624
YGL02.1189.C2	9.440264156	0.485701446	0.569556949	0.545283106	0.027737702	-0.171625176	-0.400417455	0.000785088	0.009029711
YGL02.3217.C2	8.361801911	0.485532714	0.008289955	0.276434707	-0.128951397	0.083993512	-0.086403078	8.52E-05	0.001894938
YGL02.12180.C1	10.68559091	0.485523587	-0.100329088	0.279631122	0.025454116	0.084363652	-0.154259959	0.000626431	0.007671673
YGL02_GNYA1SO04IBCA1	6.820738935	0.485523132	-0.02094827	0.436266621	-0.375027438	-0.084161336	-0.399651063	0.00250072	0.020579422
YGL02.14221.C1	8.706088136	0.485505478	0.16796702	0.709652454	-0.141620548	-0.144001747	-0.387617892	0.000625146	0.007660397
YGL02_GNYA1SO04I5MUP	6.56270537	0.485476998	0.138587003	0.434876992	0.331403943	0.065157741	-0.490315322	0.008403304	0.049175719
YGL02.18397.C2	7.379170102	0.484679017	0.139015848	0.157125838	-0.051876177	-0.075798656	-0.183988362	0.003973006	0.028638778
YGL02.3020.C4	8.975303129	0.484643829	0.027319186	0.627853725	-0.09711505	-0.066474117	-0.312624679	5.55E-05	0.001399363
YGL02.19758.C1	7.877255823	0.484580757	0.30567473	-0.358630173	0.12041229	-0.414856069	-0.90306831	0.007000527	0.043111704
YGL02_GNYA1SO04IIOEY	8.542226327	0.484579601	-0.245535835	-0.116047562	-0.198708945	0.355034363	-0.142817671	0.001870047	0.016734642
YGL02.17714.C1	8.341291326	0.484494096	-0.090197885	0.065731516	-0.145556077	-0.059765408	-0.195944041	0.007060694	0.043417115
YGL02_GNYA1SO04IMQDT	9.129784685	0.484425263	-0.376578875	0.193622282	0.244583662	-0.119328921	0.070847712	0.008440887	0.049325991
YGL02_GNYA1SO04JNASY	7.900125378	0.484399052	-0.035957118	0.162281244	-0.056645298	-0.091239918	-0.191383367	0.005441197	0.036038419
YGL02.4771.C1	11.23239772	0.484377547	0.062852228	0.203341501	0.045213219	-0.109250695	-0.267483643	0.000352933	0.005122265
YGL02.15082.C1	9.199814735	0.484248126	0.023286671	0.240245214	0.187529728	-0.315642798	-0.683093934	0.000749356	0.008743132
YGL02.7317.C1	10.5949577	0.484210601	0.171197211	0.319867322	0.151860254	-0.037535127	-0.295223122	0.001146408	0.011808929
YGL02.7504.C2	7.0966452	0.484183189	-0.343411788	0.502607014	0.17184301	0.057473128	-0.299396006	0.000391137	0.005507977
YGL02.4537.C1	7.092219301	0.484136941	-0.10595845	0.304042679	-0.217491455	-0.017335754	-0.451509835	0.003008305	0.023479593
YGL02.5875.C1	7.806185688	0.484094704	0.129135424	0.40686236	0.001166908	-0.2933554	-0.715191339	0.000187939	0.003284433
YGL02.7361.C2	10.58817378	0.483865193	0.251796146	0.44647746	-0.020405274	-0.068303519	-0.599712344	0.001064582	0.01119631
YGL02.17433.C1	9.151862058	0.483796555	0.067148986	0.114633453	-0.211453475	-0.29658252	-0.213860021	0.000214122	0.003598745
YGL02_GNYA1SO04JJUQ2	12.76336612	0.483751988	0.193465279	0.448671529	-0.311596968	-0.082634682	-0.608387545	0.001008446	0.010770433
YGL02.14062.C1	7.872565365	0.483735565	-1.630487898	-0.026841969	0.008689271	0.277946711	0.008421807	0.003482307	0.026054492
YGL02.20307.C1	5.971432391	0.483641346	0.265190331	0.029559948	-0.247945689	-0.175079278	-0.085441244	0.001042238	0.011038489
YGL02.7186.C1	7.972561405	0.483608611	0.127091549	-0.133576574	-0.018487391	-0.215641726	0.053608575	0.00329727	0.025077191
YGL02_GNYA1SO04INARM	11.09919931	0.483483467	0.252329594	0.035765572	0.074865215	-0.269715309	-0.21112517	5.15E-05	0.001326683
YGL02.3020.C5	8.130282744	0.483162604	0.116695638	0.591857177	-0.303771406	-0.228145361	-0.331246092	0.000236514	0.003861328
YGL02.14612.C2	8.39815493	0.482968443	0.257471051	-0.117638135	0.11730193	0.033368198	0.0447819	0.002882999	0.022793051
YGL02.5596.C1	9.716451947	0.48289092	0.169277468	0.25505891	0.172068928	-0.084677894	-0.259871889	0.000488234	0.006418258
YGL02_GNYA1SO04H829B	12.76209166	0.482706299	-0.041916407	0.100385213	0.110012606	-0.1840031	-0.162309427	0.004158672	0.029629123
YGL02_GNYA1SO04I0WAA	10.87367962	0.482678104	0.053058532	0.141262526	0.172559098	-0.055514299	-0.017108728	0.003445127	0.025856757
YGL02.19492.C1	8.063761848	0.482477273	-0.0631425	-0.090846745	-0.053177284	-0.249499505	-0.252098917	0.003799977	0.027728794
YGL02.17598.C1	7.308533316	0.482223286	0.127076374	0.17319219	-0.104390987	-0.150955488	-0.315637423	0.000784241	0.009022518
YGL02.6845.C1	8.629344888	0.482139114	-0.039482083	0.233232489	-0.245102996	-0.018195086	-0.073857098	0.002176239	0.01863138
YGL02_GNYA1SO04H1BW5	7.379370113	0.482011173	0.46287055	0.259132809	-0.102812821	-0.307339078	-0.115880798	0.00117492	0.012013394
YGL02.11737.C1	6.38943679	0.481893947	0.374542003	0.41645147	0.042885887	-0.221599604	-0.206918972	0.003107529	0.024047938
YGL02.18718.C3	8.882743706	0.481876303	0.104721323	0.214005279	0.086960744	-0.180638701	-0.369236835	4.25E-05	0.001168713
YGL02.4889.C1	9.979039046	0.48184879	0.403750214	-0.053377567	0.000471903	-0.251515942	-0.773270869	0.003389275	0.025557781

YGL02.5000.C1	9.541905984	0.481828219	-0.054872796	0.233574031	0.03756964	-0.063646053	-0.350657051	0.000135943	0.0026232
YGL02_GNYA1SO04JRZ5C	9.971894627	0.481737345	0.01263494	0.256341059	0.299597092	-0.068443093	-0.391667902	0.001181988	0.012063748
YGL02_GNYA1SO04I5D0A	11.71705905	0.481526076	0.362252528	0.399230993	-0.179095014	-0.169257015	-0.602085717	0.001965694	0.017349583
YGL02.1611.C1	10.7468097	0.481501349	0.13707176	0.087157468	0.029890956	-0.196896048	-0.390598261	0.000279084	0.004350454
YGL02_GNYA1SO04JFFE0	7.446676978	0.48148623	0.115313662	0.181634223	-0.114255502	-0.053028187	-0.175119016	0.000747059	0.008720859
YGL02_GNYA1SO04I87Z1	8.197673047	0.481210564	0.202087117	0.405520919	0.262279079	-0.273582299	-0.48387731	0.003073552	0.02385343
YGL02_GNYA1SO04INJ6D	8.280501417	0.481088422	-0.132490209	-0.041872941	0.343550553	-0.036102189	-0.135026403	0.004204027	0.029858626
YGL02.21638.C1	6.351705102	0.481069623	0.01320508	-0.660398037	-0.065380354	-0.036142866	-0.300979572	0.001156775	0.011877567
YGL02.1361.C1	7.823551827	0.481006172	0.052633733	0.378600692	0.239075713	-0.139920654	-0.396866218	0.002066739	0.017944226
YGL02.10575.C1	8.561576484	0.480820889	0.025281201	-0.012367374	-0.162934285	-0.212336151	-0.261869138	0.003612749	0.026764477
YGL02.3181.C1	10.05485873	0.480649464	0.075982865	0.263733817	-0.010044567	-0.229932795	-0.613617507	0.000753032	0.008774254
YGL02_GNYA1SO04IZK7J	11.35390873	0.480599956	-0.086258721	-0.070555875	1.132504346	0.018725916	-0.199525748	0.006443548	0.04066004
YGL02.9656.C1	9.646228936	0.480481907	-0.089667643	0.567297995	-0.117074942	-0.128311183	-0.760331385	0.001755469	0.016015631
YGL02.7747.C1	8.032363739	0.480408064	0.041544179	0.499993874	0.011134865	-0.41381742	-0.491699472	0.000173072	0.003101211
YGL02.9292.C1	9.701680073	0.48033888	-0.325417786	-0.277682681	-0.236163894	-0.188686398	-0.162068979	0.000165284	0.002997774
YGL02_GNYA1SO04H1H5Q	7.909249805	0.480317573	0.316295567	0.443005803	-0.373762025	-0.258235046	-0.330396368	0.002709956	0.021824213
YGL02.13650.C1	7.897966889	0.480295566	0.038113677	-0.135905728	0.088490489	-0.129880599	0.039007509	0.0004744	0.006289567
YGL02.1434.C1	11.15301172	0.48017355	0.262068537	0.507475295	0.014032393	-0.17782629	-0.667453123	0.000912188	0.010049884
YGL02.9345.C1	7.791222229	0.480138061	0.333597346	0.617118078	0.034944789	-0.320619575	-0.525902814	0.001400297	0.013602816
YGL02.4166.C1	7.336770088	0.479877864	0.267104019	0.444870824	-0.213763065	-0.093229766	-0.112283365	0.003239384	0.024757348
YGL02.4065.C2	8.705055215	0.47975234	0.472329436	0.447444339	-0.397142428	-0.345223019	-0.56006133	0.003735782	0.02740628
YGL02_GNYA1SO04IZGV5	11.33357555	0.479626447	0.135945375	0.238928371	0.037568908	-0.288419393	-0.255061677	2.95E-05	0.000910669
YGL02.15452.C3	10.83398847	0.479583935	0.333155749	0.498545321	0.090179641	-0.153245468	-0.503322565	0.000129336	0.002532545
YGL02_GNYA1SO04JZE3Z	7.340691755	0.479382307	0.27885371	-0.230031478	-0.013545521	-0.16675821	-0.936740649	7.66E-05	0.001756963
YGL02_GNYA1SO04IIJX4	7.333510099	0.479369256	0.245672537	0.095307959	-0.064556777	0.116724015	-0.071077242	0.002938064	0.023080046
YGL02.540.C1	8.414815225	0.479139476	0.136680122	0.391776621	-0.138528706	-0.139487135	-0.51958037	0.001915422	0.017026559
YGL02.20346.C1	4.39662418	0.479072111	0.215966137	0.195953476	0.103958228	-0.264195293	-0.383890476	0.007058461	0.043406557
YGL02.18690.C1	7.156705602	0.479012481	0.045454434	0.042493388	0.26755798	-0.105375621	-0.264758622	0.004504348	0.031372195
YGL02.9202.C1	9.250478994	0.478820146	-0.10411662	0.033830348	0.041103994	-0.064774026	-0.29407148	0.005354989	0.035617313
YGL02.5243.C1	9.968412605	0.47868261	-0.324897927	-0.517975449	0.053216486	-0.074765712	-0.160794026	0.003832612	0.027900099
YGL02.11161.C1	9.697352106	0.478668457	0.245261514	-0.190268998	-0.207990108	-0.045293953	0.188638975	0.000396692	0.005565628
YGL02_GNYA1SO04I8UJ5	9.157107335	0.478539609	0.423390384	0.853013028	0.15948267	-0.219779105	-0.65185955	0.00528986	0.035310583
YGL02_GNYA1SO04JWAZL	9.472644571	0.478516655	0.153929747	-0.150939521	0.107205294	-0.379490898	-0.260699347	0.004676251	0.032257191
YGL02.15023.C1	7.130875733	0.478416782	0.24335064	0.67691089	0.118340167	-0.251393704	-0.392574491	0.000376819	0.005360988
YGL02_GNYA1SO04JTL4O	11.20118859	0.478403705	0.098621772	0.657784471	-0.251853549	-0.331237214	-0.843992059	0.002711343	0.021832671
YGL02.17187.C1	9.906413815	0.478261926	0.178370329	0.178465236	-0.00028002	-0.091037178	-0.095666328	3.28E-05	0.000978907
YGL02_GNYA1SO04IP2Q6	9.674962362	0.478208235	0.350198979	0.244538573	0.311264453	0.052046388	-0.14429449	0.001145949	0.011808535
YGL02_GNYA1SO04JHZAQ	8.384514811	0.478001677	-0.3158686	-0.161285417	0.176109426	-0.06819908	-0.300606949	0.002974099	0.023271258
YGL02_GNYA1SO04JPLVX	8.565886269	0.477846765	0.234400856	0.420691282	0.011322009	-0.221449973	-0.506973639	0.004729065	0.032536583
YGL02.479.C64	11.20903813	0.477802428	0.06916768	0.212710252	0.240621877	-0.028908589	0.06908301	0.001144862	0.011799211
YGL02.5336.C1	9.124726184	0.477563071	0.315990087	0.420231373	0.059973728	-0.257348563	-0.172473644	0.000358769	0.005183512
YGL02_GNYA1SO04ISP2Y	8.873416617	0.477289538	0.002770921	0.08967603	0.10152971	-0.069107432	-0.501100578	0.004738615	0.032579787
YGL02.10468.C1	7.606460891	0.477157272	-0.351191755	0.030423262	-0.145495557	0.262285867	0.125065696	0.000804106	0.009193887
YGL02_GNYA1SO04IR0WR	6.527060921	0.477088574	0.052898834	0.106085659	0.139958006	0.015511106	-0.238517382	0.005278621	0.035258553
YGL02.8503.C1	9.149256667	0.476996781	0.322523978	0.412728033	0.104224061	-0.089776213	-0.184635276	0.000133108	0.002587394
YGL02_GNYA1SO04H77N4	10.02032078	0.476930904	0.482948576	0.135423787	-0.561167817	0.036533954	-0.368273921	0.000204166	0.003476552
YGL02_GNYA1SO04H1NUH	7.803916523	0.476877521	-0.10945036	0.191719976	-0.160491262	0.126386552	0.12355572	0.000284368	0.004406857
YGL02.82.C10	8.711957311	0.476711284	0.075492733	0.368168715	-0.325481519	-0.174498755	-0.358547213	0.000342297	0.005018872
YGL02.15424.C1	7.955906619	0.476691778	-0.00644224	0.410657249	-0.24646325	-0.177979937	-0.522296788	0.00023175	0.003803688
YGL02_GNYA1SO04ISZL9	12.28708716	0.476522371	0.170243373	0.449770877	-0.198596267	-0.123693652	-0.544807682	0.000939393	0.010262303
YGL02.22312.C1	8.049908863	0.476068462	-0.06638176	-0.024244332	-0.048469347	0.011439882	-0.857726342	0.003306744	0.025121212
YGL02.2674.C1	7.467519463	0.476061995	-0.114956408	0.511733093	0.357495257	-0.341343318	-0.716584257	0.004759308	0.032689409
YGL02.1285.C1	11.54228634	0.475954343	0.207115026	0.373781359	-0.16611397	-0.239293756	-0.466754971	0.003415048	0.025689297
YGL02.3132.C2	9.814972658	0.475904514	0.153555936	0.27715384	0.019085458	-0.125620427	-0.049674819	0.001050447	0.011097295
YGL02_GNYA1SO04JR5SS	9.982537637	0.475803131	0.026369654	-0.020585575	0.061298936	-0.215759296	0.086564641	0.000246745	0.00397524
YGL02.17844.C1	9.099156638	0.475801071	0.064580105	0.434433995	0.190534636	-0.121498217	-0.262519694	0.002034989	0.017757862
YGL02.16953.C1	5.864516188	0.475614066	-0.082620969	0.302416854	0.006699333	-0.000233229	-0.375444036	0.000416435	0.005750425
YGL02.7272.C2	7.731275944	0.475591865	-0.204521165	-0.125235636	0.081647972	0.002457247	-0.101194471	0.008362726	0.049000258
YGL02_GNYA1SO04IRHY3	10.19106341	0.47549503	0.162879431	0.346152438	0.285632608	-0.066928363	-0.24619396	0.000674212	0.008093154
YGL02.22060.C1	8.878311521	0.475327492	0.03082355	0.387502234	-0.016681654	-0.178004698	-0.357682722	0.000395367	0.005551245
YGL02.7072.C1	11.46330243	0.474997517	0.374722274	0.410651147	-0.087464134	-0.223284821	-0.671717514	0.000900509	0.009960933
YGL02.1681.C1	9.256050435	0.474806783	0.091164197	0.19536085	0.12243169	-0.098428601	-0.196990159	0.000646719	0.007856349
YGL02.9056.C1	8.044905136	0.474707018	-0.003163237	0.357586411	-0.258835439	-0.154677665	-0.28683123	0.000455206	0.006111149
YGL02_GNYA1SO04IPOHI	8.247501989	0.474520904	0.019435059	0.02632437	-0.024168527	-0.049839339	-0.467679597	0.006695547	0.041779924
YGL02.1671.C1	7.861642344	0.474498035	-0.246900826	-0.303836791	0.15164264	-0.096229122	0.22992278	0.000310835	0.004696903
YGL02.17639.C1	2.735085124	0.474196428	-0.029764434	-0.015286092	0.115154341	-0.2770878	-0.383896192	0.003930016	0.02840954
YGL02.4805.C1	9.06095923	0.473978969	0.408611629	0.186512727	0.128515744	-0.250707907	-0.340351273	0.000615222	0.007568834
YGL02.15864.C1	10.17073301	0.473946082	-0.097602171	0.338375682	-0.232684236	0.087184199	-0.141207493	0.001791252	0.016245063
YGL02_GNYA1SO04IOHPC	8.278108369	0.47392878	0.071059547	0.595127618	0.467438625	0.004607529	-0.695645097	0.003636879	0.026878679
YGL02.9062.C1	11.20559146	0.473839424	0.126679566	0.823106983	0.065589335	0.129180771	0.084696087	0.000851808	0.009573619
YGL02.2841.C1	10.27002822	0.473795648	0.108404244	0.292211616	-0.137933126	-0.198349947	-0.497138445	0.000832826	0.009421607
YGL02.1174.C2	9.729941918	0.473440935	0.296179863	0.701179324	-0.233372153	-0.331526291	-0.547303335	0.000507314	0.006585909
YGL02.15517.C1	5.291376886	0.473357858	0.014875191	0.335555645	-0.125768359	-0.113453048	-0.300767982	0.000408165	0.005671298
YGL02.10703.C1	7.310006059	0.473179532	-0.222577464	0.192130303	0.120761868	-0.19640645	-0.399852622	0.004341375	0.030549289
YGL02_GNYA1SO04JDEMJ	8.377017246	0.473086315	0.182044215	0.174437143	-0.145162189	0.185034795	0.015792486	0.001986495	0.017473493
YGL02.4402.C5	7.883554081	0.473077718	-0.096503566	-0.056766359	-0.316092496	-0.094406573	-0.102545095	0.003135124	0.024186325
YGL02.22263.C1	7.840875235	0.472953942	0.084563218	0.078297124	-0.26495206	-0.092855807	-0.085936742	0.002166849	0.018568428
YGL02.8686.C2	9.893905756	0.472899112	-0.00533432	0.3378766	-0.116263812	-0.191289824	-0.066440244	0.000146606	0.002765495
YGL02_GNYA1SO04H1H05	10.33618631	0.472884487	-0.063792947	-0.062191608	-0.12056221	-0.178315465	0.148328891	0.004905368	0.033433157
YGL02.23655.C1	5.622472244	0.472654948	0.245617675	0.668211602	0.151495016	-0.350089334	-0.060275744	0.008369187	0.049027029
YGL02.6108.C2	7.986535988	0.47258089	0.371672548	0.25340564	-0.20754802	-0.183603532	0.13190903	0.000931	0.010192971
YGL02_GNYA1SO04JE0EH	8.537720458	0.47246974	0.142213038	0.557002446	-0.494767063	-0.215723376	-0.237724583	0.003676166	0.02708516
YGL02.6.C1	7.768782511	0.47211248	0.065998182	0.440241688	-0.323552284	0.082865401	-0.300991859	0.002269881	0.019205794
YGL02_GNYA1SO04JJ33J	7.748343917	0.47206815	0.344835667	0.490647181	-0.319603586	-0.080304034	-0.379235958	0.001875823	0.016764317
YGL02_GNYA1SO04IHHST	10.91493778	0.471976929	0.057777119	0.147949821	0.122839386	-0.034988036	0.033319784	0.002308927	0.019439637
YGL02.3504.C2	10.12103889	0.471822791	0.340442562	0.754422916	-0.177088415	-0.137272461	-0.590093144	0.002184724	0.018675625
YGL02.3942.C1	7.716741484	0.471640077	0.012753686	-0.475991358	-0.304682709	0.102751911	0.032827356	0.000157304	0.002898974
YGL02_GNYA1SO04I20Y3	9.855962201	0.471632044	-0.167226901	-0.031624135	-0.006539464	0.001613924	-0.513572499	0.001007627	0.010767978
YGL02_GNYA1SO04IR0IQ	10.64102778	0.471361267	-0.015865727	0.415725559	-0.04639636	-0.128458193	-0.443346155	0.003319739	0.025190121
YGL02.4227.C1	9.665924392	0.471180579	-0.089033638	-0.046377886	-0.075178839	-0.069859641	-0.074583162	0.000318994	0.004778376

YGL02_GNYA1SO04I35YN	9.040434657	0.471063378	-0.137443654	0.396116449	-0.036348574	0.141162851	-0.324397505	0.001522702	0.014468163
YGL02_GNYA1SO04ID7PF	12.65074073	0.471055833	-0.127590672	0.107377795	0.208783081	-0.146020579	-0.171745454	0.00152014	0.014450182
YGL02.11595.C1	7.329538161	0.470891867	-0.202351714	0.329420546	-0.014462306	-0.139242762	-0.368068414	0.004635599	0.032046762
YGL02.12338.C1	8.80779464	0.470874928	-0.03384444	-0.240736406	-0.319956017	0.043313665	-0.015438433	0.000783173	0.009014241
YGL02.15183.C1	7.765560578	0.470377473	-0.112707642	-0.264999876	0.249733502	-0.12797159	0.070042071	0.001220512	0.012340229
YGL02.4847.C1	8.725583187	0.470216857	0.175689441	0.229190629	-0.03172913	-0.059745377	-0.167200432	2.64E-05	0.000840403
YGL02_GNYA1SO04JP33Y	8.48304163	0.470162511	0.19022338	0.240586932	0.045224863	-0.134169798	-0.141300984	0.00136901	0.013380916
YGL02.5170.C1	8.597961449	0.470113319	-0.172806543	0.338957963	-0.488594422	-0.143540894	-0.43031739	0.001562413	0.014745345
YGL02.16966.C1	9.453776506	0.470057483	0.062373357	0.230974247	-0.042370552	-0.053673472	-0.519602726	0.000771858	0.008925242
YGL02.19284.C1	7.610298946	0.470018153	-0.083747867	-0.201125939	-0.242413722	0.316063917	0.036895973	0.002397476	0.019973485
YGL02.718.C1	6.096517521	0.470005992	0.280190331	0.236100481	0.413550012	-0.395035689	-0.591691	0.001712811	0.015733106
YGL02.15606.C1	8.198084937	0.469979643	0.232961404	0.216564174	-0.063586076	-0.087135395	-0.225320079	0.000130053	0.002543274
YGL02.9660.C1	10.21237734	0.469967027	0.318285851	0.627277473	0.208659966	-0.239649752	-0.484325548	0.000508717	0.006598987
YGL02.5891.C1	10.86319912	0.469797779	0.038119847	0.037079333	-0.015185099	-0.042430389	-0.129124714	0.002416437	0.02007978
YGL02.8135.C1	9.504179836	0.469629512	0.044200332	-0.008502821	-0.156441666	-0.200860456	-0.310406491	0.003536885	0.026365352
YGL02_GNYA1SO04IQIXV	6.824984566	0.469568402	0.270549174	0.452998488	-0.091795748	-0.301380194	-0.322406132	0.002255497	0.019116561
YGL02.18202.C1	7.89137299	0.469292889	0.265159289	0.586310973	-0.093841889	-0.318485597	-0.553909602	0.002580475	0.021037896
YGL02.4853.C1	8.139276389	0.469263095	-0.104031934	0.14843821	0.088568457	-0.217344576	-0.296487509	0.00274619	0.022034145
YGL02.6319.C1	9.911583717	0.469261241	-0.186740475	0.037287944	-0.202774051	-0.103063726	-0.421080817	0.002384393	0.019895215
YGL02_GNYA1SO04H3ZIX	7.279497617	0.468843106	0.332915766	0.43115567	0.060974282	-0.181394189	-0.419917958	0.006483804	0.040826248
YGL02_GNYA1SO04JGY3P	8.921198757	0.468631467	-0.290430968	0.27923352	0.48567137	0.028643993	-0.20971782	0.000650377	0.007889683
YGL02_GNYA1SO04JJ33Z	8.630975369	0.468557188	-0.216077866	0.166591526	-0.174687738	0.16380672	-0.440058635	0.003723876	0.027336424
YGL02_GNYA1SO04JSPAJ	9.516862936	0.468504969	0.12511901	0.563871001	-0.208152006	-0.040068234	-0.275756371	0.001622214	0.015128419
YGL02.22099.C1	7.234754791	0.468380067	0.28906226	0.659160297	-0.127396356	-0.160515859	-0.454295728	0.000159366	0.002923994
YGL02.13312.C1	9.169530371	0.46835666	0.133959977	0.389622412	-0.231209856	-0.095488913	-0.478532179	6.76E-05	0.001604808
YGL02_GNYA1SO04I9DM4	12.43648654	0.468288463	-0.007488834	0.134327454	0.231399754	-0.137078776	-0.429974114	0.00015224	0.0028342
YGL02.13358.C1	7.971155325	0.468286045	0.079801023	0.164670167	-0.0714201	0.001576021	-0.09570384	0.003692088	0.027164214
YGL02.4070.C1	8.708978588	0.468207042	0.335378027	0.182982868	0.198315916	-0.247460716	-0.046799399	3.64E-05	0.001055191
YGL02.11498.C1	13.52074865	0.468200339	0.618532583	0.906713721	0.109677421	-0.206088758	-0.273610565	0.006476089	0.04079382
YGL02.3155.C1	7.228674016	0.468074459	0.226869496	0.293627258	-0.023240155	0.040785046	-0.418159144	0.001052766	0.01111216
YGL02.6242.C1	10.53973433	0.467521872	0.236149274	0.293405057	0.053478035	-0.054488063	-0.086001346	0.002049541	0.017837961
YGL02.6234.C1	9.519866288	0.467484219	0.036324757	0.26678716	0.463486289	-0.0652815	-0.452291239	0.000777881	0.008972471
YGL02.4795.C1	8.264446226	0.467417635	0.200646465	0.592457212	-0.123948634	-0.084869293	-0.201422004	0.001587079	0.01489621
YGL02_GNYA1SO04JBGI8	8.643893273	0.467388057	-0.045161387	0.138133927	-0.019513378	-0.044987513	-0.051558949	0.003416858	0.025698436
YGL02.11793.C1	7.380990151	0.466744063	0.404279512	0.580017274	-0.139050791	-0.368418708	-0.44058908	0.005602281	0.036824685
YGL02.2306.C1	8.273232481	0.46667595	0.51901751	0.49628987	0.076768985	-0.311020607	-0.367745667	0.00418912	0.029783786
YGL02.15840.C1	9.940409755	0.466660323	0.198285511	0.404026776	-0.286693953	-0.207589579	-0.106283714	0.00035264	0.005119763
YGL02_GNYA1SO04JJ3YQ	11.04797843	0.46660059	0.234836779	0.550366525	-0.164748304	-0.245341131	-0.550941881	0.000283575	0.004399986
YGL02_GNYA1SO04JYVDX	8.808908361	0.46658335	-0.03871577	0.199361434	-0.416667834	0.033481676	-0.020554821	0.005103148	0.034386854
YGL02.5799.C2	9.87454892	0.466578868	0.250527402	0.528060143	0.269592744	-0.045104889	-0.557441781	0.001867735	0.016722044
YGL02.193.C1	9.992355168	0.466487455	0.140894034	0.432111651	0.225241835	-0.16252587	-0.469351732	0.000290804	0.004475701
YGL02.17625.C1	7.879202535	0.466473128	0.007018678	-0.17090777	-0.097539811	-0.034175166	0.237577557	0.001198452	0.012178038
YGL02.6021.C1	5.020578802	0.46615448	0.048693988	0.592249484	-0.048873772	-0.422928183	-0.64094192	0.008298141	0.048723244
YGL02.2794.C1	9.628799523	0.46611835	-0.643990191	0.667160383	-0.166306694	0.135202154	-0.527117179	0.004229684	0.029986578
YGL02.11439.C1	11.18609636	0.465995594	0.022582346	0.5953401	-0.122723828	-0.085598135	-0.697130577	0.001352304	0.013265678
YGL02_GNYA1SO04I5ND2	8.042968538	0.465971311	0.00474616	-0.118448627	-0.144205509	-0.086466027	-0.223777961	0.005790438	0.037692225
YGL02_GNYA1SO04I9DPW	11.19889583	0.465743911	0.036410774	0.013147075	0.126046315	-0.103922351	-0.214681924	0.000227056	0.003749933
YGL02_GNYA1SO04IZKXI	8.37009605	0.465718304	-0.080597077	0.33952008	-0.448862461	-0.067866136	-0.283043102	0.001084176	0.011331597
YGL02.13506.C1	7.203854218	0.465638698	0.069020128	0.393632829	0.00580211	0.061928338	-0.050832777	0.001082019	0.011320025
YGL02.2905.C2	8.855052342	0.465308101	0.056492261	0.122847278	0.00468263	-0.078859119	-0.33611071	0.000283369	0.004397847
YGL02_GNYA1SO04IQDCX	10.43340863	0.465250415	-0.086293341	0.063632541	-0.090165778	-0.015671054	-0.077964975	0.000198809	0.003416772
YGL02.13781.C1	6.585598554	0.465186051	0.458944102	0.968998709	-0.048472585	-0.427887378	-0.516364064	0.001458864	0.014022448
YGL02.12635.C1	9.004815573	0.46492733	0.039014805	-0.034190997	0.081346958	-0.036715278	-0.256211257	0.000816811	0.009297003
YGL02_GNYA1SO04JJE9O	6.003695273	0.464791308	0.317328545	-0.051168097	0.395680962	0.018062961	-0.518186364	0.006895573	0.042637711
YGL02.4269.C1	7.357674008	0.464776818	0.258329422	0.592406005	-0.305281304	-0.009350257	-0.053729692	0.001300673	0.012907762
YGL02.16481.C1	7.483243523	0.464757755	0.331821297	0.573112197	0.151293714	-0.115553192	-0.364777013	0.000817273	0.009299272
YGL02_GNYA1SO04JRX29	8.451773128	0.464377852	-0.001156787	0.273740108	-0.336431859	-0.105014754	-0.348697918	0.007570756	0.045680569
YGL02_GNYA1SO04H7ZKO	8.015184605	0.464361189	0.106610297	0.68625613	0.289750079	0.136206815	-0.474536853	0.000462376	0.006180501
YGL02.10395.C1	11.05666492	0.464183738	0.252434558	0.722323284	-0.197756494	-0.205479607	-0.528903739	0.000786243	0.009040678
YGL02_GNYA1SO04I6UBI	12.95825309	0.464044373	-0.08761066	0.06053103	0.075835294	-0.178579126	-0.08787385	0.001749723	0.015980349
YGL02_GNYA1SO04H8LU6	8.867023335	0.463960267	0.032080235	0.331971608	-0.131785237	-0.118124239	-0.347897201	0.002182867	0.018667139
YGL02.21127.C1	7.981791919	0.463783461	0.127570628	0.624867627	-0.124226809	-0.358329945	-0.640078535	0.001648551	0.015299104
YGL02.13192.C1	7.227137976	0.463628989	0.196002195	0.089311374	-0.155699501	-0.17113212	0.199300403	0.000350582	0.00510301
YGL02_GNYA1SO04JYIKS	8.815847402	0.463315828	0.199643281	0.73516125	-0.206158398	-0.067344417	-0.422426699	0.001475941	0.014136922
YGL02.8102.C2	6.250039664	0.463283252	-0.03492981	0.314060693	0.322660928	0.155805981	-0.260499937	0.00313277	0.024178248
YGL02.3234.C1	9.942334646	0.462987452	0.122153916	0.154147	-0.293709927	-0.118286639	-0.068396314	0.000468389	0.006236419
YGL02.5074.C2	12.76226932	0.462858329	0.10089436	0.250037919	-0.146411466	0.014877948	-0.38689941	0.003447426	0.025865249
YGL02_GNYA1SO04JC5NA	8.535774991	0.462815755	-0.15127247	-0.036884016	-0.267624467	-0.098635659	-0.380818005	0.006581396	0.04126647
YGL02_GNYA1SO04I3OHQ	6.908635552	0.4627895	-0.143108954	0.434885937	0.032940162	0.089021573	-0.191253331	0.004542001	0.031561451
YGL02.19018.C1	8.183437963	0.462693925	-0.059758356	-0.191899267	0.012821102	-0.123481838	-0.02152194	0.001240126	0.012476232
YGL02.8065.C2	6.069123814	0.462688553	0.056084018	-0.317954772	-0.382276538	-0.126729276	-0.066777484	0.00808826	0.047872936
YGL02.11627.C1	9.033352258	0.462669639	-0.103272635	0.398274166	0.065222535	-0.085268154	-0.706704321	0.000294348	0.004515154
YGL02.18685.C1	6.352321471	0.462615871	-0.156314887	0.069317542	-0.096434844	-0.056634358	-0.187738242	0.000289919	0.004467915
YGL02_GNYA1SO04JSJ6O	9.475723455	0.46259058	0.339096466	0.678044548	0.090843542	0.023050037	-0.614370825	0.00515833	0.03466812
YGL02.9096.C1	7.899362752	0.462489976	-0.499365831	-0.3689732	0.028178607	0.153416102	0.103522021	0.003208849	0.02459538
YGL02.12861.C1	10.87906897	0.462473486	-0.231470647	-0.157279591	-0.054055132	0.015021628	-0.089056079	3.46E-05	0.001016536
YGL02.12519.C1	11.71643012	0.462407234	-0.17561594	0.226510961	0.108902158	-0.03161706	-0.175204721	0.001612788	0.015061114
YGL02.7514.C1	8.375078536	0.462391253	0.367360626	0.544883375	-0.221141813	-0.187741166	-0.164445526	0.00094261	0.010289633
YGL02.21806.C1	7.642120485	0.462224087	0.104049347	-0.194191855	0.144778862	-0.626208271	-0.530013251	0.004073723	0.029184453
YGL02.2366.C1	8.594994896	0.462050761	-0.02829549	0.128068215	0.504168964	-0.05853244	-0.116008595	0.001969643	0.017376144
YGL02_GNYA1SO04I31WP	7.751195747	0.462044637	-0.030412267	-0.141458175	-0.131611581	-0.174012541	-0.140273082	0.001466314	0.01407417
YGL02.10232.C2	6.097653936	0.461857071	0.053530839	0.311056507	-0.224955102	-0.160330822	-0.202414408	0.005205477	0.03489924
YGL02.20795.C1	7.82762421	0.461796204	0.263992924	0.425241709	0.239675139	-0.154179215	-0.534286627	0.000758181	0.0088167
YGL02.10287.C1	7.733697395	0.461572017	0.265518307	0.308066686	0.126190858	-0.162893537	-0.158149512	0.002178249	0.018637497
YGL02.16844.C1	7.316284163	0.461511928	0.021828183	0.121205736	-0.011129417	-0.299797589	-0.611884938	0.00265014	0.02144787
YGL02.12004.C1	8.541006588	0.461379584	0.248541061	0.487846629	-0.134420408	-0.095888242	-0.486800367	0.000242726	0.003931519
YGL02.8291.C1	9.659615776	0.461326159	0.261655677	0.277021044	-0.224529414	-0.163186549	-0.166463714	0.001765316	0.016070413
YGL02.395.C1	13.42192558	0.461257156	0.028296383	0.013632634	0.02871435	-0.152137012	-0.236821216	0.003341211	0.025305858
YGL02_GNYA1SO04H8EY3	10.0749511	0.46118315	0.124971786	0.512554559	0.050780395	-0.060763187	-0.423667783	0.000270567	0.004250108
YGL02_GNYA1SO04JCIB0	6.937961314	0.46108699	0.320284331	0.247449939	-0.031119197	-0.218405152	-0.325749316	0.006681683	0.041723568

YGL02.21181.C1	5.432934084	0.460965835	0.280670784	0.086934063	-0.127347473	-0.472192625	-0.188535602	0.001498455	0.014291258
YGL02.10279.C1	9.275950113	0.460734396	0.060282958	0.2319483	0.088634848	-0.001319476	-0.015586395	0.000178247	0.003157674
YGL02.12424.C1	9.127551762	0.460466841	0.114945644	0.572068569	-0.254331368	-0.047985091	-0.510442937	0.007633155	0.045949761
YGL02.1635.C1	7.032459668	0.460447037	0.170014406	0.667081514	-0.10331733	-0.029135184	-0.481679039	0.001224997	0.012367986
YGL02_GNYA1SO04ICFZR	9.600195117	0.460084629	0.058273213	0.428325762	0.264802467	-0.196812481	-0.506340242	0.003216673	0.024639308
YGL02_GNYA1SO04IACVJ	6.957563189	0.460079601	-0.06168591	0.318618919	-0.119475228	-0.14034626	-0.224225299	0.005668803	0.037134169
YGL02.2149.C1	8.774676844	0.460023624	-0.01857444	0.08826973	0.10053359	0.155415293	-0.130048513	0.002691685	0.021700013
YGL02.12722.C1	9.529356953	0.459992938	0.167257878	0.196809479	0.105158822	-0.04688403	-0.175824942	0.002845221	0.022588616
YGL02_GNYA1SO04I9KJ1	10.42339395	0.459456496	0.038880565	0.442449717	-0.300681792	-0.141896888	-0.723091967	0.001955532	0.017284629
YGL02.189.C1	8.431768938	0.45891011	0.297418566	0.605165509	-0.016450281	-0.476168207	-0.271790248	0.002638464	0.021380099
YGL02.1669.C7	7.05684975	0.458423597	0.062177902	0.789650371	0.0201223	-0.176925211	-0.441656181	0.004153551	0.029605667
YGL02.234.C2	8.369173975	0.458002672	-0.377621414	-0.011340223	0.039523665	-0.033575222	-0.4399439	0.001719518	0.015773457
YGL02.7564.C1	10.11863731	0.457809349	0.433474853	0.643286256	0.194086798	-0.373101285	-0.736737112	0.005092567	0.034337371
YGL02.4408.C1	12.03327023	0.457776189	-0.001429035	0.26790338	-0.057950329	-0.171857176	-0.095799901	0.000270244	0.004247554
YGL02.10785.C1	8.726917609	0.457746299	0.380200587	0.35117382	0.456528134	-0.336321739	-0.51512212	0.00018219	0.003208074
YGL02.7960.C1	6.284923069	0.457661128	0.46221039	-0.178368305	0.182151614	-0.317101198	-0.365041331	0.001387958	0.013516075
YGL02.10301.C1	8.416803027	0.457539441	0.079428231	0.678561891	-0.362126848	-0.331718824	-0.379309547	0.000723975	0.008524569
YGL02_GNYA1SO04H32YG	7.699361574	0.457524543	0.481292831	0.40056605	0.144460583	-0.041138383	-0.050666931	0.002733397	0.021961093
YGL02.5409.C1	8.267695318	0.457140044	0.076126093	0.22051222	-0.037448563	-0.088018052	-0.194201955	0.001891947	0.016866514
YGL02.6007.C1	9.510320736	0.457056348	0.341221631	0.423228477	0.035390537	-0.102619571	-0.242278099	0.00058429	0.007295925
YGL02.10539.C1	9.341167539	0.456985724	0.192747222	0.200262234	-0.005885285	-0.252369903	-0.314223357	0.001695703	0.015621211
YGL02_GNYA1SO04IM8WX	9.850505132	0.45695613	0.372423847	0.405746108	0.181716711	-0.166607327	-0.325094351	0.00025158	0.004031069
YGL02_GNYA1SO04IE6J9	9.401126321	0.4567415	0.252994181	0.55535012	0.007223646	-0.099209733	-0.498149078	0.002380193	0.019869852
YGL02_GNYA1SO04ICBII	9.451439537	0.456552239	-0.064245174	0.349115549	0.112133377	-0.14142718	-0.282462881	0.00500213	0.03390729
YGL02.4848.C1	8.678555073	0.456497324	0.593433763	1.015505354	-0.368617914	-0.022341791	-0.627543175	0.007469317	0.04524559
YGL02.9685.C2	9.481162145	0.456433524	-0.225543245	0.017189331	0.20027176	0.060928071	0.127147277	0.000110424	0.002274283
YGL02.14270.C1	10.39659855	0.456378935	-0.052204027	0.374762629	-0.126533815	-0.296512504	-0.653387765	0.00127479	0.012715061
YGL02.10910.C1	8.805793072	0.456125548	0.432154425	0.177929705	0.230432789	-0.376494055	-0.394758372	0.000438552	0.005950491
YGL02.21180.C1	10.23770836	0.456097897	-0.125984777	-0.114824115	0.03635281	-0.045539436	-0.17401008	2.90E-05	0.00089956
YGL02.6067.C1	8.740056813	0.456094707	0.357853469	0.390948999	0.104545723	-0.039106059	-0.107070789	0.003340145	0.025300744
YGL02.18369.C1	7.541641637	0.45608926	-0.304784623	-0.281156087	-0.285928986	0.112239095	-0.107375452	0.002090814	0.018098076
YGL02_GNYA1SO04IY66J	6.734599434	0.456064522	0.181033342	0.134007059	0.09528042	-0.022522236	-0.333265061	0.005627866	0.036942234
YGL02.1341.C2	8.894339476	0.456059665	0.102612122	0.06454044	0.244811015	-0.108073883	-0.123892239	0.001538598	0.014575353
YGL02_GNYA1SO04JRXTL	7.550539669	0.456016574	-0.048560737	0.099459289	0.226880607	-0.074299035	-0.122991803	0.007098807	0.043585022
YGL02_GNYA1SO04JI14G	10.16059407	0.455757178	0.108717383	0.241624632	-0.125172757	-0.211212144	-0.526151313	0.002498303	0.020564761
YGL02.16854.C1	7.591090825	0.455670436	0.415800454	0.623611095	-0.344133578	-0.485232339	-0.320982498	0.001172929	0.011996818
YGL02_GNYA1SO04J0N7C	8.226459576	0.455643071	0.214432473	0.759573938	0.431755544	-0.249195477	-0.470695119	0.007848776	0.046879728
YGL02.8241.C1	11.19177198	0.455507769	0.290241088	0.393728812	-0.005306685	-0.084538473	-0.610157266	0.000292921	0.004499888
YGL02.17065.C1	4.644621952	0.4551042	-0.029770828	-0.069636638	-0.109212823	0.148736656	-0.13117878	0.001713858	0.015740485
YGL02.7265.C1	6.679704036	0.454979784	0.220220083	0.10956793	0.00209753	-0.239591646	-0.053788618	0.001988957	0.017491718
YGL02_GNYA1SO04II14J	7.509300091	0.454810119	0.25653449	0.15143225	-0.607202515	-0.083869101	0.00874209	0.001590402	0.014911204
YGL02.16923.C1	10.3200111	0.454805883	0.138270384	0.075967188	-0.032300272	-0.099452567	-0.07977233	0.000104495	0.002186149
YGL02.22375.C1	10.84309632	0.454756379	0.085724964	0.172194729	-0.134171476	-0.242675369	-0.526931962	0.00108202	0.011320025
YGL02.17745.C1	7.956509544	0.454729356	0.069341748	0.282597531	0.173945719	0.026200443	-0.165291887	0.000129815	0.00253977
YGL02.15522.C1	7.938262127	0.454604773	0.118958811	0.399973684	-0.082778925	-0.141656691	-0.312014949	0.000375263	0.005349595
YGL02_GNYA1SO04H64SE	9.651554871	0.454342752	0.079118876	0.091339563	-0.018851555	-0.187823405	-0.30290128	0.001059196	0.011157862
YGL02_GNYA1SO04IS76U	8.821327372	0.45425464	-0.071889074	-0.149661903	0.090884033	-0.275247154	0.001043892	0.003980373	0.028679109
YGL02.4471.C1	8.674714833	0.454235595	0.25660064	0.393671134	-0.043357824	-0.226456751	-0.583957346	0.000289988	0.004467918
YGL02.20138.C1	9.520133095	0.454156892	0.484274747	0.734170067	0.050717996	-0.137810071	-0.406810313	0.002219555	0.018883613
YGL02_GNYA1SO04JEVMI	6.090719626	0.454121624	0.098902111	-0.037031913	0.028004819	-0.051091857	-0.171820364	0.007553863	0.045610739
YGL02_GNYA1SO04H1YXH	8.117459761	0.453510101	0.097881625	0.241564805	-0.188765131	-0.108134628	-0.242364907	0.000452753	0.006088956
YGL02_GNYA1SO04H5T2I	7.70140843	0.453247055	0.42019583	0.61986639	-0.059315239	0.081564048	-0.204535373	0.001215693	0.012308801
YGL02.4310.C1	9.675810124	0.452902611	-0.039912502	0.30859148	0.207725557	-0.138056291	-0.313995139	0.000569544	0.007169698
YGL02_GNYA1SO04IGXZ7	6.823125525	0.452871195	-0.059229176	0.047399073	-0.309424381	0.130264155	0.087597306	0.003309787	0.025137438
YGL02.2542.C1	7.934608563	0.452632793	0.027527313	0.135032044	-0.09936343	-0.153088517	-0.128264607	0.000626207	0.007670486
YGL02.4396.C2	9.194780439	0.452561306	-0.013647199	0.345709491	-0.077355249	0.029888339	-0.340069302	0.000371478	0.005311424
YGL02.2599.C3	9.212804166	0.452458645	-0.06458141	0.230530842	0.068037052	-0.066612778	-0.610492807	0.00156348	0.01474741
YGL02.9213.C1	8.444604987	0.452424604	-0.322991789	-0.117047097	0.071449139	0.035826237	-0.180608085	0.000776426	0.008958076
YGL02_GNYA1SO04IGBR2	8.387684266	0.452385541	-0.11169153	0.464080286	-0.129834973	0.120999169	-0.257205264	0.004801573	0.032918272
YGL02.22978.C1	8.265755778	0.452248235	0.274167501	0.393419486	-0.084595208	-0.127742463	-0.443333944	0.002082046	0.018043259
YGL02_GNYA1SO04II7P2	7.24771881	0.451797792	0.240698986	-0.199092074	0.208324925	-0.069386193	-0.419633714	0.005010655	0.033956803
YGL02.3802.C1	9.280295079	0.451767051	-0.050482862	0.323244068	0.215765699	-0.172513983	-0.244618846	0.000772162	0.00892631
YGL02.21174.C1	7.507861097	0.451541981	0.322393539	0.543478433	0.18839407	-0.132362779	-0.432378088	0.002936532	0.023073504
YGL02_GNYA1SO04JGNCP	8.056417177	0.451521	0.164334328	0.598345692	-0.029653058	0.019895269	-0.533102309	0.006627856	0.041483338
YGL02.18315.C1	9.074416625	0.451496647	0.006037164	0.17536738	-0.05435539	-0.115982825	-0.489115844	0.000901487	0.009968454
YGL02.4262.C1	9.315459343	0.451411741	0.002935434	-0.004916405	-0.019320406	-0.1158403	-0.004905552	4.31E-05	0.001178182
YGL02_GNYA1SO04JZS25	9.864329526	0.451369227	0.150621279	0.366017634	-0.09589155	-0.135907095	-0.14430233	0.000137187	0.002638777
YGL02.12814.C1	9.448680893	0.450911568	0.206891113	0.38979324	-0.046622415	-0.020591988	-0.258095376	0.003169957	0.024375187
YGL02_GNYA1SO04IAGFZ	8.525796359	0.450892692	-0.256076832	-0.32382215	-0.073220432	-0.153372769	-0.281433875	0.001846311	0.01659369
YGL02_GNYA1SO04IAVI6	9.89637286	0.450652436	0.28795997	0.40828839	-0.023996266	-0.490404189	-0.607133232	0.001647035	0.015290522
YGL02.8467.C1	9.645203579	0.450420953	-0.831486911	-0.309584976	0.154759423	0.043340275	-0.395824331	0.000741683	0.0086747
YGL02_GNYA1SO04I35B6	7.923540663	0.450145573	0.284481352	0.233882327	0.010081799	-0.117861724	-0.033212297	0.002512541	0.020655701
YGL02.19596.C1	3.82885308	0.450123658	0.542908736	0.456049013	0.04961019	-0.535765615	-0.28435717	0.005508278	0.036352564
YGL02_GNYA1SO04JQUD2	6.903086391	0.449885712	0.49713803	0.987162365	-0.421556395	-0.489014575	-0.450842045	0.00809735	0.047911412
YGL02.8762.C1	8.99161625	0.449791148	0.067270042	0.56658727	0.096151614	0.050137885	-0.254487803	0.000737286	0.008638104
YGL02.9674.C1	9.471241913	0.449783984	0.159315345	0.488127541	-0.030936396	-0.205541663	-0.125815288	0.000129364	0.002532545
YGL02_GNYA1SO04JR002	7.946472318	0.449674237	0.117485544	-0.005033845	0.084163167	-0.173643905	-0.065601829	0.001054372	0.011124458
YGL02_GNYA1SO04JU7KB	9.511068079	0.449670573	-0.024745005	0.289950801	0.075222785	-0.036352309	-0.188274853	0.000417988	0.005766331
YGL02.11212.C1	7.697873053	0.449575991	-0.380270108	0.939488616	-0.213223717	-0.113504416	-0.721699956	0.000440593	0.005968808
YGL02_GNYA1SO04IBVL7	7.079940809	0.449554621	0.129838633	0.082371673	-0.163600628	-0.136207079	0.11809115	0.002430998	0.020168421
YGL02.7417.C1	10.59411467	0.449492082	-0.140817702	0.101277074	-0.087218572	0.135037446	-0.042451633	0.000284637	0.004408545
YGL02.14464.C1	8.367945344	0.449071703	0.116862116	0.325199076	-0.160459235	-0.302408133	-0.60908428	0.001032555	0.010961929
YGL02_GNYA1SO04H5V6X	15.12090951	0.449033139	0.116379991	0.224325206	0.191049051	-0.09802528	-0.434215891	0.000971803	0.010500829
YGL02.8081.C1	7.694788147	0.448774723	0.386298299	0.568988359	0.017938656	-0.139476033	-0.257773951	0.007466474	0.045237197
YGL02.6040.C1	10.79054106	0.448761714	0.235291709	0.570842162	0.190536149	-0.323035853	-0.748939934	0.000959868	0.010420928
YGL02_GNYA1SO04IVZC9	10.36616253	0.448356936	-0.061877687	-0.042086412	0.196719948	-0.021306021	-0.227514716	0.000737592	0.008640901
YGL02.20607.C1	9.756504031	0.448314641	0.43803112	0.944096767	0.382002121	-0.300919382	-0.649170255	0.002405437	0.020017244
YGL02.6083.C1	8.834389344	0.44824973	0.134995371	0.322092842	0.036039221	-0.111924379	-0.336137203	0.000332692	0.004922066
YGL02.5824.C1	8.634237026	0.448217933	0.083478456	-0.118641713	-0.008841234	-0.213858494	-0.139152755	4.97E-05	0.001298119
YGL02_GNYA1SO04JKO4C	9.111231701	0.448087106	0.02456772	0.030758361	0.447691263	-0.387583621	-0.601220093	0.006965577	0.042937308

YGL02.5561.C1	8.901589615	0.448032326	-0.1546204	-0.524667723	-0.078504647	-0.285577595	0.134990366	0.005037252	0.034075807
YGL02_GNYA1SO04JT33I	9.397750765	0.447634554	0.093086487	0.41130483	-0.276057708	0.078773083	-0.150669275	0.002569903	0.020976023
YGL02.6875.C1	12.02296074	0.447474389	-0.071971981	0.086568903	-0.053124615	-0.173510332	-0.260972977	0.001106506	0.011503702
YGL02.8528.C1	7.82941088	0.447235523	0.126520486	0.002141347	-0.079865183	-0.100145586	-0.141278212	0.004430818	0.03100398
YGL02.632.C1	8.745099231	0.447160662	-0.09529421	0.112735397	-0.038167149	-0.060404206	-0.095810162	0.004506852	0.031384575
YGL02.21387.C1	8.655293537	0.446964283	0.556084809	0.731085862	0.019778252	-0.569497515	-0.553144553	0.00465127	0.032130377
YGL02.5257.C1	6.905511379	0.446841759	0.063054141	-0.410600966	-0.268554324	0.161369424	-0.002746065	0.003515118	0.026237828
YGL02.14730.C1	8.778468557	0.446764006	0.140121282	0.302376855	-0.261035459	-0.080165884	-0.062424965	0.00012248	0.002441259
YGL02.14512.C1	9.59418699	0.446758534	0.31934891	0.025470818	-0.254209125	-0.153546276	-0.198477261	0.00707476	0.043482013
YGL02_GNYA1SO04JODUN	10.88892104	0.446740287	-0.141441066	-0.062625029	0.081996212	-0.216898947	-0.300493079	0.000468295	0.006235799
YGL02.10162.C1	11.60622237	0.446676539	0.129505476	0.278439957	0.026355274	-0.076416219	-0.587043805	0.000211475	0.003565362
YGL02.9922.C1	7.303662613	0.446572347	-0.501512125	-0.885051333	0.055206817	-0.385816036	-0.155703299	0.001166336	0.011947814
YGL02.479.C45	13.2728237	0.446403569	-0.0479866	0.122197789	0.406484142	-0.170005586	-0.371331263	0.000132145	0.002574085
YGL02.14558.C1	7.193063286	0.446386126	0.068952362	0.096826302	0.304433264	-0.119223971	-0.149940409	0.001692259	0.015594096
YGL02_GNYA1SO04JDB99	6.852085735	0.446332791	0.460016719	0.550419989	-0.027686393	-0.235941155	-0.514881914	0.004030147	0.028965213
YGL02.2389.C2	8.302412271	0.44628928	-0.066232459	0.271809854	0.412542715	-0.179259187	-0.435602579	0.000204645	0.003480581
YGL02.11563.C1	6.929723857	0.445887143	0.235659536	0.496948487	-0.211924661	-0.327511265	-0.100915736	0.003628438	0.02683772
YGL02.20827.C1	7.607100742	0.445737653	-0.098802199	0.486272618	-0.078863194	-0.004948276	-0.195728345	0.000700284	0.008315272
YGL02.16437.C1	8.820687295	0.445712953	0.217610626	0.445754867	0.070068872	-0.123089502	-0.15933581	0.000883184	0.009818049
YGL02.5634.C1	10.42832496	0.445650244	0.014298786	0.322929778	-0.159061079	-0.165780631	-0.772118949	0.004437073	0.03103699
YGL02.16013.C1	7.342159299	0.445573215	-0.094059112	-0.68429922	-0.043451829	0.013768566	-0.341274845	0.006334445	0.040149616
YGL02_GNYA1SO04JJT7N	14.80083723	0.445317646	-0.12386585	-0.114026955	0.256257155	-0.128018203	-0.187161848	0.002531123	0.020757069
YGL02.4052.C1	7.762927575	0.445102129	-0.287051029	0.205432187	0.158341125	-0.028042211	-0.344173737	0.005494794	0.036300576
YGL02.5231.C1	7.108483086	0.444985014	-0.110131316	0.024282401	-0.31250399	0.20061677	-0.038361259	0.002080012	0.018032874
YGL02.282.C1	11.38740493	0.444952159	0.007258461	-0.096371335	0.166144119	-0.204909339	-0.172004675	5.31E-05	0.001355881
YGL02.14077.C1	8.802515642	0.444727329	0.245963701	0.384086932	0.002661144	-0.040763442	-0.123027508	0.000335144	0.004944228
YGL02.19107.C2	8.509262511	0.444506073	-0.00902947	0.450864449	0.088072614	-0.085756128	-0.452816278	0.002033159	0.017749063
YGL02.3664.C1	9.143597879	0.444472125	0.246937078	0.424935634	0.134911835	-0.073458043	-0.13218747	0.002614943	0.021242525
YGL02.21776.C1	5.982568974	0.444334237	0.149049916	0.31883635	-0.042047162	-0.079492047	-0.17354709	0.005454765	0.036098744
YGL02.7070.C1	9.84273343	0.444179826	0.189121119	0.167590035	0.034771275	8.38E-05	0.071276236	0.000195318	0.003375138
YGL02.873.C7	11.11512663	0.444058692	0.069504898	0.144886809	-0.178254229	-0.146349892	-0.195390862	7.05E-05	0.001655941
YGL02.1396.C6	11.07986011	0.444000849	0.109261262	0.326663837	0.335510969	-0.123186908	-0.35623999	0.001596333	0.014949689
YGL02_GNYA1SO04H7SV9	10.8193058	0.443835635	0.105869008	0.103389617	-0.182114893	-0.557129229	-0.303297954	0.001014434	0.010817442
YGL02.15720.C1	8.061852502	0.443835363	0.041887083	-0.029284163	0.384016874	-0.049341435	-0.024014946	0.003707333	0.027245418
YGL02.17794.C1	10.50712724	0.443548033	0.225156324	0.64192702	-0.03855366	-0.116209856	-0.731946098	0.000320587	0.0047917
YGL02.16638.C1	7.473538601	0.443222169	-0.329854673	0.388325694	-0.064061233	0.018257065	-0.594855096	0.006926497	0.042765624
YGL02.19405.C1	6.930749766	0.443094172	0.44538923	0.056161689	-0.00323633	-0.78779234	-0.49590834	0.005475349	0.036199811
YGL02.8895.C1	7.49033431	0.443024766	-0.192848732	-0.484427001	0.186139903	-0.131166558	0.115939294	0.003265015	0.024902325
YGL02.4350.C1	7.612508133	0.44293369	0.729747226	0.797808223	0.038048035	-0.136645231	-0.103174935	0.000920571	0.010115566
YGL02.3908.C1	13.76551566	0.44269359	0.077475277	0.344451573	-0.185315927	-0.194495549	-0.530090305	0.000127357	0.002504554
YGL02.11456.C1	9.549027636	0.442508634	0.021799032	0.172816215	-0.052096775	0.028508164	0.089657568	0.002782797	0.022241618
YGL02.18527.C1	8.395979854	0.442492681	0.237685575	0.22090309	-0.298518431	-0.246738041	-0.247812482	0.000677481	0.008121431
YGL02.1793.C1	7.175365959	0.442262121	0.309794664	0.160860246	-0.141884079	-0.237385861	-0.172848264	0.001969623	0.017376144
YGL02_GNYA1SO04IWESQ	7.415284546	0.442086513	-0.144126805	0.150541917	-0.160817989	0.045160034	-0.48437478	0.000807289	0.009222951
YGL02.2893.C1	10.11105841	0.441904423	0.163732578	0.039801709	-0.480588801	-0.057192945	0.055475979	0.000279369	0.004352994
YGL02_GNYA1SO04JI8J9	10.21107451	0.441437605	0.491900204	-0.047094126	-0.116215991	-0.147167888	-0.681421414	0.004391022	0.030809915
YGL02.8627.C1	9.145373493	0.441217751	0.044826829	0.192213859	-0.190819695	-0.045165403	-0.710905218	0.000963856	0.010448458
YGL02.20128.C1	6.259251365	0.44104745	-0.132854597	0.148296671	0.048847189	-0.218223832	-0.387630492	0.007654914	0.046036069
YGL02.7349.C1	8.246898809	0.440858443	-0.160745973	-0.245447434	-0.017617238	0.032712617	0.278634085	0.00136701	0.013369441
YGL02.14698.C1	6.892763907	0.440726394	0.178227521	0.259437616	0.005179016	-0.209479991	-0.160438694	0.005516378	0.036387477
YGL02.5918.C1	9.735885611	0.440721777	0.406325272	0.388120521	-0.031389858	-0.300820517	-0.917792583	0.002929586	0.023041302
YGL02.5894.C2	6.774981525	0.440648683	0.212353517	0.364398162	0.682235919	-0.192649313	-0.351627106	0.002458581	0.020336026
YGL02.11648.C2	6.447316568	0.440633103	-0.012301174	-0.061715921	-0.278583442	0.132311177	0.419157404	0.003798781	0.027726241
YGL02_GNYA1SO04I4UJX	9.853159882	0.440561163	0.134369392	0.451065026	-0.222647197	-0.405025676	-0.517784709	0.00285666	0.022653476
YGL02_GNYA1SO04IU1MH	7.339081112	0.440516893	0.270681144	0.578908845	0.175091164	-0.083795044	-0.44105798	0.002917137	0.022974084
YGL02_GNYA1SO04JFCMS	9.210586112	0.440505948	0.022782068	0.529466911	-0.175659171	-0.130967121	-0.341327953	0.003877601	0.028139022
YGL02.11406.C1	11.94404633	0.440463982	0.050896411	0.251746795	-0.094466827	-0.13563506	-0.568075085	0.00049083	0.006441767
YGL02.4771.C2	10.09610534	0.44036712	0.07488137	0.215768102	0.043870184	-0.098823442	-0.255306306	0.005127198	0.034504027
YGL02.1842.C2	9.767498012	0.440337551	0.21522053	0.164479298	-0.088197073	-0.125780044	-0.04380829	0.000177033	0.003144342
YGL02.17617.C1	6.442722346	0.440291953	0.122576265	0.026650704	0.109233294	-0.31733711	-0.376549176	0.008526466	0.049689875
YGL02.2186.C1	8.288543239	0.440291518	-0.027716132	0.394050734	-0.423026919	0.291865634	-0.001443444	0.000754218	0.008783235
YGL02.11284.C1	10.62354737	0.439918112	0.127648792	0.242058236	0.134162976	-0.086279822	-0.266279768	0.000760648	0.008834282
YGL02.6668.C1	8.564156774	0.43966763	-0.299266465	-0.116155369	-0.183309057	0.205646096	-0.082407453	0.0039961	0.028760418
YGL02.9447.C1	6.44635642	0.439663856	0.364455028	0.325116244	0.003475693	-0.356845946	-0.182560171	0.003753687	0.027494289
YGL02.2732.C2	7.896995559	0.439534362	0.343422822	0.28825579	0.049386807	-0.093332449	-0.11541826	0.001132994	0.011701111
YGL02.3417.C1	9.693505235	0.439465926	0.326721522	0.472578498	-0.205010277	-0.229326943	-0.159897206	0.000258292	0.004108618
YGL02.6426.C1	6.968893626	0.439390233	0.29171337	0.963282032	-0.221200852	-0.032919026	-0.674420546	0.000977672	0.01054702
YGL02.600.C2	9.178957323	0.439387402	0.018179299	-0.241489681	-0.011851598	-0.296305947	-0.060213142	0.001562964	0.014745582
YGL02.9433.C1	7.991732579	0.439371138	-0.230245101	-0.188804261	0.037030634	-0.001915675	-0.21009629	0.003599077	0.026693738
YGL02.9620.C1	7.881066491	0.439361421	-0.024053143	-0.122077774	-0.028647979	-0.064222063	-0.004695638	0.002629331	0.021326739
YGL02_GNYA1SO04JP61I	8.678848789	0.439231827	0.111920206	0.468139555	-0.102174356	0.058144006	-0.024888623	0.002335043	0.019589467
YGL02.1426.C1	8.32791561	0.438924181	0.578780242	0.860664732	0.111929667	-0.59958327	-0.765921367	0.004943331	0.03363372
YGL02.2480.C1	9.897073692	0.438649945	-0.0351847	-0.078230466	0.223832242	-0.003590108	-0.334309654	0.004451669	0.031112386
YGL02_GNYA1SO04IN2GK	10.04262541	0.438501057	0.183599113	0.47393652	0.185988764	-0.011487044	-0.596058118	0.001455529	0.014000765
YGL02.10874.C1	6.686783773	0.438439507	0.051675047	-0.157227732	-0.060304893	-0.249047704	-0.173053434	0.007566114	0.045667455
YGL02.13150.C1	10.13165153	0.438339543	0.144322208	0.372178285	0.181896952	-0.178218386	-0.430580015	0.004862924	0.033207569
YGL02.9651.C1	7.208778202	0.43825972	-0.144065643	-0.282740848	-0.201183102	-0.067866727	0.2846326	0.004533221	0.031524121
YGL02.419.C1	5.681808663	0.438203729	-0.156441799	-0.254725948	0.211849947	-0.092747893	-0.377500049	0.004545665	0.031576747
YGL02.18703.C1	4.93267079	0.438159621	0.384690661	0.17500122	0.021400918	-0.404102834	-0.057837795	0.005936871	0.038365777
YGL02.7332.C1	8.146044966	0.438137681	0.10123086	0.3055834	-0.038012789	0.066242884	-0.053195445	0.000962423	0.010439512
YGL02.10911.C1	7.513080864	0.438130127	0.537443602	0.062688784	-0.119015706	-0.065251513	0.064187359	0.00407262	0.02917817
YGL02.3928.C1	9.266277364	0.438089528	-0.134230004	-0.322145308	-0.00463862	-0.026655644	-0.009294763	0.001020253	0.010860708
YGL02_GNYA1SO04IYPIK	9.051677368	0.438035385	0.216244974	0.272697727	-0.097107526	-0.356509131	-0.23854863	0.000289035	0.004457466
YGL02.507.C1	10.84136579	0.43783459	0.302656302	0.693791547	0.060895544	-0.099904644	-0.562853026	0.001714797	0.015742416
YGL02.82.C1	9.741567684	0.437826735	0.065481913	0.28248035	0.41674581	-0.22985133	-0.59746642	0.001371549	0.013399669
YGL02_GNYA1SO04JED84	2.801467246	0.437654384	0.064146807	-0.006471988	0.058315235	-0.437554933	-0.412349737	0.003981776	0.028686026
YGL02_GNYA1SO04H45UJ	10.52769279	0.437441102	-0.268626864	-0.074365007	-0.316684247	-0.173546922	-0.779899834	0.004859344	0.033192243
YGL02_GNYA1SO04H0JEE	7.648070304	0.437387631	0.166320146	0.38307846	0.225538389	-0.130008719	-0.610695061	0.006235909	0.039715297
YGL02_GNYA1SO04J0B60	7.40398341	0.43714606	0.300308665	0.548024649	-0.208374656	-0.092205669	-0.160589859	0.004320406	0.030439224
YGL02_GNYA1SO04H6Q1O	11.20876086	0.437145399	-0.414287326	-0.153820174	-0.222116313	-0.239276137	-0.044818377	0.000376217	0.005356704

YGL02.1296.C2	11.12006954	0.436748579	-0.079076838	0.154382283	-0.014436615	0.056846051	0.008526316	0.000474976	0.00629563
YGL02.1727.C3	10.30736739	0.4366741	-0.131394901	-0.215013231	0.071500995	-0.149539926	0.097569454	0.000205786	0.003493766
YGL02.4886.C1	8.290574473	0.436451405	0.003880133	-0.050645893	-0.026639774	0.017779855	0.049415475	0.000562513	0.007110911
YGL02_GNYA1SO04H7MNW	9.28906435	0.436304565	0.000564312	0.041205718	0.055629655	-0.162575737	-0.342607793	0.001773143	0.016126006
YGL02_GNYA1SO04H5OXG	7.992393353	0.436118315	0.394802065	0.415545279	-0.170823858	-0.123091797	-0.476455325	0.000811721	0.009252366
YGL02.10916.C1	7.626580573	0.436092205	0.023159521	0.00590096	0.264185693	-0.160002349	-0.17233973	0.001372534	0.013406261
YGL02.11213.C1	8.145673427	0.436079453	0.349892622	0.170356532	0.513975157	-0.04249693	-0.111754901	0.005145799	0.034604027
YGL02.12259.C1	9.94134804	0.435778737	0.076841758	0.078084921	0.077036219	-0.104064709	-0.197215467	0.000955278	0.01038673
YGL02_GNYA1SO04JRJUQ	10.77092135	0.435400899	-0.190312352	0.739957564	0.235521755	0.107587033	-0.376675292	0.002184366	0.018673794
YGL02.3730.C1	9.500360221	0.43539572	0.23838443	0.541622852	0.044819332	-0.019333914	-0.335622232	0.001049815	0.011092427
YGL02.16733.C1	9.034430902	0.435302571	0.245474865	0.445582977	-0.153510201	-0.311662347	-0.424934158	0.000264513	0.004181883
YGL02.2843.C1	12.72352132	0.435136027	-0.062990878	0.157985421	-0.455468062	0.07869003	-0.262029494	0.008514397	0.04963518
YGL02.6216.C1	10.19925113	0.435028344	-0.007730174	0.158993217	-0.061985326	-0.050605859	-0.227075283	0.000333006	0.004924464
YGL02.11772.C1	7.34205634	0.435023746	0.021658723	0.148307727	0.336449657	-0.298841222	-0.488673296	0.000760159	0.008830978
YGL02.15995.C1	6.511463223	0.434904186	-0.013844507	0.678206513	0.548743827	-0.230997641	-0.735123501	0.00286724	0.022705795
YGL02_GNYA1SO04H37L3	8.668032218	0.434882315	0.51982156	0.513364394	-0.089659025	-0.15765688	-0.213347069	0.000554472	0.007035363
YGL02.6479.C1	10.47404629	0.434861518	0.097727476	0.566123923	-0.185907614	0.010023587	-0.267251297	5.07E-05	0.001314116
YGL02.17835.C1	6.95839711	0.434770238	0.179938435	0.718825774	0.561287206	-0.194846689	-0.500198138	0.001725754	0.015812733
YGL02_GNYA1SO04JYLWS	9.250258827	0.434624194	0.068058823	0.170597787	-0.384615581	-0.199630968	-0.10013992	0.002584866	0.021061759
YGL02_GNYA1SO04JSS2L	7.986756355	0.434609902	0.250121638	0.846612131	0.284616229	-0.108116144	-0.60692021	0.002715869	0.02185688
YGL02_GNYA1SO04JT23A	7.895453743	0.434570143	-0.074038603	0.143574042	-0.056192629	-0.185346724	-0.257646612	0.002071604	0.017976828
YGL02.17482.C1	7.843282984	0.434483429	-0.312835616	0.044204136	-0.037165918	0.010398935	-0.117395391	0.005690462	0.037237983
YGL02_GNYA1SO04JI0A2	10.1479715	0.434432088	0.332963825	0.429333869	0.32038497	-0.066780333	-0.416630703	0.001716426	0.015752984
YGL02.6309.C1	8.937579791	0.434352135	-0.128720467	0.123226867	-0.243118416	-0.040229471	-0.241150715	0.001635224	0.015209214
YGL02.14333.C1	5.519189699	0.434205844	0.189397632	0.50037464	0.221072788	0.054394302	-0.310403098	0.002811498	0.022396826
YGL02.596.C1	11.16950027	0.434074082	0.186893222	0.771704484	0.109897265	-0.079635512	-0.645016961	0.003154381	0.024300146
YGL02.1483.C1	10.18382972	0.434042426	0.4644837	0.408170585	-0.020346865	-0.166392984	-0.119403187	0.00220655	0.01881128
YGL02.4.C7	8.572195337	0.434003126	0.322544301	0.203365289	-0.083735433	-0.095670862	-0.291014063	0.0041815	0.029751453
YGL02.14993.C1	6.639503738	0.433897593	0.135506841	0.016637314	-0.032812304	-0.298200948	-0.311998148	0.006099782	0.039114059
YGL02.2167.C1	7.448067439	0.433887701	-0.093746305	0.387103676	-0.118589857	0.130245596	-0.294750486	0.004971901	0.033757964
YGL02_GNYA1SO04IVEY2	11.9063266	0.433365322	0.364058094	0.417361852	-0.119396474	-0.169248167	-0.605790789	0.003558199	0.026473942
YGL02.20325.C1	7.835187876	0.433057788	0.419634977	0.591157467	-0.085377305	-0.282948586	-0.616577895	0.000474231	0.006289238
YGL02_GNYA1SO04H0OPU	13.21834478	0.432984462	-0.071792705	0.095146824	0.424554282	-0.225032734	-0.425402648	0.000199823	0.003429189
YGL02_GNYA1SO04IZ4G0	9.480697816	0.432540638	0.350816558	0.422935714	-0.265322854	-0.121438174	-0.346202629	0.004675734	0.032255345
YGL02.20018.C1	8.799579495	0.432428233	-0.240864608	0.051396994	0.199395022	0.060918491	-0.172483693	0.002365087	0.019780001
YGL02.6260.C1	9.57808788	0.432379628	0.028857232	0.671124193	-0.192107104	-0.017331451	-0.162631889	0.001387243	0.013512222
YGL02.14409.C2	7.582389698	0.432353991	0.205658738	0.874832976	-0.130214316	-0.330971413	-0.586685128	0.001662385	0.015383399
YGL02_GNYA1SO04JX2Q2	9.326267747	0.43222931	0.287944743	0.547110066	-0.366301666	-0.28299997	-0.409316687	0.000780034	0.00899139
YGL02.17278.C1	10.15158334	0.431989507	0.031086913	0.084130409	-0.058121984	-0.160143028	-0.231317946	0.004181586	0.029751453
YGL02.10216.C1	7.971963881	0.431986092	0.15837327	0.817649582	-0.060629648	-0.317206222	-0.501657402	0.000412651	0.005715844
YGL02_GNYA1SO04JYDA6	7.515875981	0.431950914	0.343031449	0.079380018	0.175079438	0.068972795	-0.251349825	0.001441422	0.013901911
YGL02.18762.C1	7.714931407	0.43171484	0.057525653	0.211511584	-0.24668128	-0.135367651	-0.174548089	0.001080853	0.011314214
YGL02.1803.C1	10.79027095	0.43125743	0.141392854	0.227122143	-0.185493786	-0.173642452	-0.27460825	0.000656751	0.007940968
YGL02.5087.C1	11.13686105	0.431150859	0.004712437	0.350935883	0.104730085	0.012466556	-0.178172091	0.003667916	0.027049669
YGL02_GNYA1SO04IWYVV	11.89846251	0.430871255	0.187876456	0.323666411	-0.053039211	-0.140257338	-0.824965169	0.004873303	0.03325335
YGL02.9815.C2	7.055173467	0.430194816	-0.079347282	-0.045254695	-0.016523802	0.132359984	0.153197492	0.00076918	0.008905421
YGL02_GNYA1SO04JGM2G	9.500935173	0.429912053	0.37416257	0.533471858	-0.221653104	-0.174950321	-0.879071431	0.006196993	0.03953382
YGL02_GNYA1SO04IO7PW	10.78358415	0.429827924	0.02158106	0.006819267	0.164409057	-0.219072021	-0.216713923	0.000407002	0.005660606
YGL02_GNYA1SO04JU0GI	12.98139584	0.429816252	0.120681251	-0.090703562	-0.218559314	-0.122658528	-0.142204604	0.001289528	0.012824753
YGL02.13405.C1	10.11311364	0.429674791	0.189514336	-0.010871748	0.057124597	-0.126671148	-0.507643176	0.007402664	0.044938534
YGL02.4173.C1	8.951729034	0.429542781	0.054480593	0.178170611	-0.230023971	-0.049622627	-0.098610316	0.006140778	0.039283571
YGL02.9129.C1	8.240786555	0.429517426	0.219091404	0.330384655	-0.192400155	-0.127978165	-0.157122989	0.003404862	0.02563948
YGL02.1389.C1	9.114730027	0.429497256	-0.454571451	-0.045781697	-0.01138835	0.212500057	0.256019538	0.007483912	0.045308566
YGL02_GNYA1SO04II181	8.861843556	0.429278961	-0.054667879	0.521650664	0.101900916	-0.049176826	-0.235094788	0.001857745	0.016659095
YGL02.5896.C1	7.869853257	0.429143636	0.054144072	-0.136188694	-0.022991767	-0.101489648	-0.379869335	0.002557629	0.02090615
YGL02.13122.C1	11.67366393	0.428859191	0.336721949	0.460391031	-0.455570974	-0.14611059	-0.449083079	0.000324539	0.004837925
YGL02.521.C1	7.223212417	0.42847214	0.073459208	-0.078890085	-0.016397138	-0.00239132	0.060433662	0.006848855	0.042430494
YGL02.22766.C1	7.206465334	0.428354007	0.251723824	0.363477127	-0.191216946	0.090779652	-0.04084048	0.001265751	0.012655339
YGL02_GNYA1SO04JAOOY	6.713878746	0.428287349	0.025411198	0.132806978	0.173359404	-0.076436495	-0.092562686	0.006387446	0.040404468
YGL02.12103.C1	9.101039834	0.428115058	0.018627904	-0.043886942	0.128109526	0.009258104	0.023072495	0.004088192	0.029265444
YGL02.4797.C1	8.298622932	0.427424984	-0.052011349	0.503158747	-0.055220047	0.09093624	-0.134989573	0.001294114	0.01285555
YGL02.6059.C1	10.63101651	0.427423108	0.370408683	0.825123347	0.098235513	-0.230985497	-0.646434299	0.004335112	0.030515168
YGL02.10015.C1	9.764627476	0.42737379	-0.107090708	-0.134343798	0.051041736	0.03860516	-0.277174845	0.002845246	0.022588616
YGL02.11819.C1	9.23815046	0.427350325	-0.518230085	-0.424978383	0.039966676	-0.066806584	-0.29580459	0.000758558	0.008818704
YGL02.15143.C1	6.348398398	0.427213612	0.165397928	-0.187054185	0.22356175	-0.335845601	0.12837845	0.0063932	0.040427044
YGL02.17533.C1	7.378156511	0.427179671	0.376574775	0.671359092	-0.230138834	-0.075829672	-0.283478606	0.000486457	0.006403818
YGL02.1368.C1	9.829168262	0.427161006	-0.029460092	0.238324612	-0.044318821	-0.198121827	-0.276574162	0.004277702	0.030237613
YGL02.3542.C1	8.917754675	0.42700916	0.473119182	0.504342819	0.015294454	-0.081810524	-0.356874359	0.00215133	0.018468187
YGL02.3414.C1	11.54513127	0.426656604	-0.139134943	0.030462764	-0.230571656	-0.151806141	-0.257895818	0.000840778	0.009482517
YGL02.14663.C1	8.128629347	0.426360871	-0.272194445	0.237851488	-0.017613299	-0.116372795	-0.287332126	0.001163929	0.011931151
YGL02.8726.C1	5.463050411	0.426181275	0.292181171	0.40839582	-0.005266466	-0.060238816	0.217750287	0.001157026	0.01187828
YGL02.208.C1	10.07114054	0.426118078	-0.037628344	-0.108561871	0.043552123	0.096144736	-0.166383645	0.000478665	0.006330273
YGL02.6028.C1	10.1739303	0.42605155	0.067026056	0.125561125	-0.120977377	-0.056465701	-0.191986461	0.0004607	0.006166709
YGL02.2686.C1	7.200133775	0.426003657	0.105483744	0.322533754	-0.171073616	0.003990035	-0.364014014	0.001364007	0.013350158
YGL02.14394.C1	9.169424663	0.425909451	-0.134943001	0.390176879	-0.278641091	0.058642574	-0.249432458	0.003121881	0.024125104
YGL02_GNYA1SO04ILJG1	7.479506191	0.425906121	0.231260248	0.931490432	0.259701275	-0.364353741	-0.639046591	0.006119263	0.039191116
YGL02.5898.C1	9.336330285	0.425903433	-0.182805143	0.039985563	0.065692041	-0.141331149	-0.385905224	0.003387739	0.025550658
YGL02.11494.C1	8.951294104	0.425833849	0.119376865	0.274433759	-0.256253797	-0.090441105	-0.33869052	0.004487219	0.031293286
YGL02.2028.C1	8.654588797	0.425813793	0.047923868	0.227155197	0.069647191	-0.127141077	-0.108949736	0.000873985	0.009746742
YGL02_GNYA1SO04JSGBG	8.192678527	0.425711654	0.471707372	0.732075166	0.118322256	-0.015360423	-0.404469063	0.005781311	0.037668789
YGL02_GNYA1SO04IQDFL	8.195009379	0.425540695	0.230729084	0.376867524	-0.031747332	-0.647076797	-0.63461796	0.007041376	0.043311776
YGL02.12917.C1	9.620564847	0.425493206	-0.151682382	0.158288971	-0.216344651	0.00665749	0.116224449	0.003259622	0.024874123
YGL02_GNYA1SO04IVKET	10.93257893	0.425431256	0.441888606	0.548006917	0.099398782	-0.185118555	-0.54112275	0.007887745	0.047031024
YGL02.20212.C1	8.533135935	0.425261306	0.026349526	0.180349651	0.108974236	-0.231831176	-0.069859568	0.001277147	0.012734866
YGL02_GNYA1SO04IYYNS	9.185693152	0.42525065	-0.159171447	-0.127395164	-0.201329678	0.155432506	-0.016159915	0.000757951	0.008815615
YGL02_GNYA1SO04H38M2	12.04760538	0.425180695	-0.094875617	0.1616858	-0.141411787	0.156050058	-0.253422455	0.001063611	0.011188894
YGL02.3691.C1	10.12465203	0.425064535	0.180224119	0.35032436	-0.022237607	-0.142761665	0.03344759	0.001245425	0.012512013
YGL02.9022.C1	9.325661404	0.425023532	0.094598393	0.053923815	0.017214921	-0.120028628	0.010269903	0.000841712	0.009488437
YGL02_GNYA1SO04I5QP6	10.55384119	0.424931986	0.375375648	0.403059283	-0.053111406	-0.138396203	-0.646576182	0.0007583	0.008817297
YGL02.6339.C1	7.287191254	0.424692021	0.036150678	0.338645581	-0.247271075	0.029407316	-0.315103968	0.000725963	0.008543318

YGL02.3995.C1	8.18199159	0.424436943	0.581641005	0.755930752	-0.009234781	-0.207781269	-0.480991369	0.001686405	0.015551219
YGL02.2157.C1	9.585981031	0.42436409	0.89823587	0.805631305	0.244208287	-0.335216809	-0.712777509	0.000668362	0.00804307
YGL02.4757.C1	9.597048086	0.424341896	0.168012953	0.043539768	-0.497941979	-0.150241463	-0.221273101	0.00069137	0.008239546
YGL02.7225.C1	9.325250822	0.424152093	0.028820102	-0.240825577	-0.133730072	-0.021601774	0.052129244	0.002013104	0.017632713
YGL02.2315.C1	8.388226667	0.424021088	-0.020473554	-0.280693816	-0.009680428	-0.391502524	-0.215004209	0.000389809	0.005494056
YGL02.4080.C1	8.973181481	0.424004363	0.170408048	0.457678984	0.137252898	-0.19652765	-0.617673408	0.000718126	0.008471097
YGL02.11300.C1	10.12651128	0.423991956	0.304120428	0.413865706	-0.138415143	-0.176964491	-0.18091392	0.00014389	0.002729772
YGL02.7321.C1	7.427611832	0.423965183	0.890269012	0.435487972	0.159946482	-0.102787845	-0.289961696	0.000546836	0.006965091
YGL02_GNYA1SO04I40SD	8.451868168	0.423918837	-0.286782212	-0.353547325	0.143639981	-0.021591837	0.029326893	0.002604282	0.021187864
YGL02_GNYA1SO04IHGC6	9.226806319	0.423896217	0.090893188	0.288539703	-0.008581626	-0.240568451	-0.302827794	0.000212822	0.003582477
YGL02.6973.C1	10.32923418	0.4238889	-0.035780307	0.284953319	0.175689489	-0.226158438	-0.190387165	0.003527471	0.026307288
YGL02.3917.C1	10.93929274	0.423812384	-0.092590765	0.03814598	-0.063573375	-0.128866528	-0.124549039	0.000125738	0.002483262
YGL02.5017.C1	12.0058504	0.423764275	-0.016186904	0.21190317	-0.17200021	0.090947795	-0.267107268	0.003788966	0.027683523
YGL02.9581.C1	9.798376574	0.42346654	0.238343436	0.082429789	0.045363962	-0.161209706	-0.060505326	0.001877233	0.016773444
YGL02.15461.C1	8.992732558	0.423411481	-0.0335552	0.07408114	0.368992806	-0.059661373	-0.076788974	0.000959602	0.010419125
YGL02_GNYA1SO04IROYO	10.04109836	0.423358635	0.147457782	0.486289915	-0.073715824	-0.058566062	-0.200218701	8.24E-05	0.001853209
YGL02.23709.C1	9.965790877	0.423337363	0.136331871	0.202758637	-0.049808908	0.025180801	-0.236266914	0.00113202	0.011693197
YGL02.4646.C2	10.54735248	0.423241121	-0.105789524	0.062711029	-0.197735488	-0.112822435	-0.256217558	0.000293178	0.004502059
YGL02_GNYA1SO04IQV6I	9.983135015	0.423143591	-0.448464322	-0.097148178	-0.03384123	-0.166670947	-0.317522187	0.004513072	0.031412685
YGL02.3179.C1	9.904759768	0.423092737	0.160937271	0.415891463	-0.14148429	-0.004549227	-0.561949351	0.005658644	0.037094709
YGL02_GNYA1SO04H3VO1	8.39348333	0.422585243	0.127897667	0.180031326	0.248312051	-0.133425206	-0.136331352	0.000145228	0.002747113
YGL02.7606.C2	7.609515607	0.422565388	0.221748837	0.31577451	0.097981256	-0.058984338	-0.007473041	0.005934828	0.038354492
YGL02_GNYA1SO04JFHRN	7.947464422	0.422523817	0.303136929	0.426533094	-0.387392427	-0.152160767	-0.255509612	0.001000883	0.010715297
YGL02.4569.C1	9.531545816	0.422322602	0.019212514	0.137805514	-0.15410346	-0.136736877	-0.406370681	0.000654232	0.007920244
YGL02.1377.C1	11.95739609	0.422286716	0.342367158	0.691642521	-0.145705335	-0.070464819	-0.384294241	0.000628627	0.00769359
YGL02_GNYA1SO04H2240	10.49660244	0.422133161	0.11651029	0.070963129	-0.125163293	-0.230263242	-0.212922919	9.47E-05	0.002045626
YGL02.14988.C1	10.19204285	0.422131586	0.026260673	-0.082325261	0.213806147	0.033299577	-0.154723705	0.005540368	0.036514103
YGL02.10303.C1	10.71664366	0.421977454	0.039633637	0.798355328	-0.059923243	-0.328470053	-0.774430022	0.000704489	0.008352079
YGL02.6354.C1	10.00037531	0.4219289	-0.04961135	0.007501689	-0.253248406	-0.166427504	-0.392014426	0.000829534	0.009396679
YGL02.8458.C1	8.653678448	0.421798863	-0.042451426	0.59445246	-0.012683472	-0.03131778	-0.593786926	0.005622445	0.036912261
YGL02.479.C35	8.994072558	0.421785253	0.135441213	0.237507537	-0.017484875	0.109941457	0.096947279	0.000112008	0.002294548
YGL02_GNYA1SO04I4R1Y	10.05905251	0.421748459	0.012135781	0.440006573	-0.16543117	0.123912519	-0.515795205	0.006877532	0.042552575
YGL02_GNYA1SO04IL40K	10.34186845	0.421740409	0.228820429	0.572430042	0.233302767	-0.026681413	-0.425315402	0.001338758	0.013176735
YGL02_GNYA1SO04JDGUK	12.01236783	0.421406433	-0.617358717	-0.150527234	0.305128598	0.007035782	0.038528491	0.003627017	0.026831096
YGL02.5017.C2	11.79195041	0.421386765	0.088865299	0.181466612	-0.182314167	0.026409216	-0.395957257	0.004190316	0.029787385
YGL02.8298.C2	11.28583902	0.420702307	-0.04229735	-0.02886523	-0.191906593	-0.148356389	-0.156620417	0.000208943	0.003535108
YGL02.5233.C1	7.210640098	0.420495994	0.246783318	0.076835403	-0.122450519	-0.255628136	0.25897357	0.003978479	0.028667055
YGL02.17974.C1	8.887897967	0.420409307	0.651830758	0.89978879	-0.00948767	-0.150261187	0.045504064	0.006866499	0.04250815
YGL02_GNYA1SO04I0J99	8.511736146	0.420112565	-0.370796168	-0.292875379	-0.218500768	-0.093206637	-0.45172795	0.000568917	0.007163891
YGL02.6608.C1	6.788798266	0.420078224	0.026726995	0.457023129	0.048634017	-0.124945463	-0.25652379	0.002703729	0.021780844
YGL02.17102.C1	9.26474689	0.419974483	-0.06462012	-0.03569313	0.016995567	-0.041344111	-0.140910119	0.002063204	0.017919543
YGL02.18855.C1	12.41081513	0.419959592	0.421142643	1.161473812	0.193709855	-0.225646803	-0.531326325	0.000301376	0.004594172
YGL02.19213.C1	9.639960363	0.419783042	0.053278685	0.220650506	-0.132198706	-0.034069411	0.108340661	0.000435039	0.005917145
YGL02.10423.C1	8.92292464	0.419760631	0.137627388	0.432395853	0.193889482	-0.062488677	-0.184284372	0.001624143	0.015142044
YGL02.8763.C1	10.44112949	0.419734868	-0.003246181	0.04788252	0.101403102	-0.103679286	0.126750505	0.000743598	0.008692104
YGL02_GNYA1SO04ISLP9	8.853085927	0.419403849	0.071485097	0.087213049	-0.062502233	-0.10920868	-0.355389793	0.001564527	0.014752102
YGL02.7046.C1	11.13588034	0.419330434	0.482183491	0.845856658	0.136563801	-0.296160233	-0.657231788	0.000698685	0.008304556
YGL02_GNYA1SO04IJHIO	7.118532794	0.419292036	0.160127614	0.386136321	-0.151354395	-0.253340271	-0.25105007	0.001238623	0.012465685
YGL02_GNYA1SO04JEDKO	9.85005281	0.41862325	0.284165461	0.513155898	0.069783055	-0.241970714	-0.733546351	0.003844763	0.02797067
YGL02.7283.C1	8.596706859	0.418582057	0.122428505	0.237828826	-0.165566128	-0.236015689	-0.297625433	0.007030974	0.043266287
YGL02.9871.C1	6.422335895	0.418343035	0.025989798	0.130261469	0.076430128	-0.387108125	-0.388523704	0.001246388	0.012517797
YGL02.991.C1	11.38575968	0.418267967	0.052846995	0.392231941	0.084606806	-0.153927011	-0.395562277	0.00236548	0.019780734
YGL02_GNYA1SO04HZ4MT	9.036662282	0.418178844	0.478107627	0.660251876	0.133356891	-0.190487287	-0.318607803	0.007570753	0.045680569
YGL02.2246.C1	14.34203795	0.418174077	-0.125681041	-0.001061194	0.035719643	-0.008134663	-0.265972928	0.000113718	0.002318356
YGL02.19282.C1	8.976283886	0.418135802	-0.140624298	0.489490972	0.308967932	-0.14524503	-0.426292399	0.007711415	0.04629202
YGL02_GNYA1SO04H7I0G	8.935508857	0.418079723	0.466313793	0.201443862	0.099046678	-0.406783439	-0.313040135	0.006300895	0.039999618
YGL02.4635.C1	7.373966143	0.417821569	-0.001185386	0.063000484	-0.169470399	-0.279034374	-0.215208244	0.003649471	0.026933325
YGL02.9141.C1	10.90642615	0.417751687	0.124222852	0.19622065	-0.145395982	-0.164165703	-0.166382096	0.001101371	0.011465047
YGL02.21809.C1	3.116059412	0.417650429	0.087948673	-0.086666504	-0.052257638	-0.639748561	-0.310280254	0.004080237	0.029218192
YGL02_GNYA1SO04IODEM	9.695871414	0.417613521	0.12724571	0.326922861	0.051895709	-0.078845223	-0.321969257	0.001665794	0.015406129
YGL02.18886.C1	9.819334734	0.417294434	0.285051921	0.312121727	-0.256596022	-0.261940804	-0.287274778	0.000409378	0.00568266
YGL02.7880.C4	6.838774684	0.417219151	0.347218719	0.756994199	0.182450628	-0.23754204	-0.373420288	0.003418518	0.025703459
YGL02.10322.C2	8.194239519	0.417144527	0.200105422	0.520369358	-0.135880288	0.036914633	-0.355664161	0.005318647	0.035457049
YGL02.16395.C1	7.622144294	0.416772932	-0.954628105	-0.26425866	-0.260731162	-0.236389633	-0.148506647	0.002989463	0.023366063
YGL02.17299.C1	4.699110343	0.416701364	-0.028432944	-0.08426785	0.063704223	-0.100391367	-0.161696123	0.006431549	0.040604114
YGL02.581.C2	7.511304295	0.416617414	0.128591505	-0.009401005	0.027191039	-0.313046393	-0.149053662	0.00535996	0.035638896
YGL02_GNYA1SO04I659K	9.68678426	0.416381197	0.751674151	0.737479348	0.257816362	-0.290108873	-0.643193321	0.00088435	0.009827628
YGL02.17312.C1	7.669886955	0.416192577	0.128472757	0.084118537	-0.023336243	-0.057914266	-0.100865927	0.006974579	0.042986662
YGL02_GNYA1SO04I74W0	7.620074996	0.415970442	0.33143597	0.869638319	-0.084579387	-0.118032579	-0.619593174	0.001393955	0.013553437
YGL02.17027.C1	10.56344141	0.415814426	0.128149749	0.238024917	0.102041089	-0.064780202	-0.263941994	0.000529336	0.006799034
YGL02.11832.C1	7.425949741	0.415771288	0.311362275	0.28711332	-0.197785747	-0.008063817	-0.308089589	0.003235254	0.024738585
YGL02.15672.C1	8.157253036	0.414984013	0.063375911	0.201987123	-0.026780963	-0.031372531	-0.12384059	0.002278256	0.019257776
YGL02.18576.C1	7.678038491	0.414942213	0.093572712	0.008539892	-0.111904913	-0.082781435	-0.071164936	0.003619842	0.026800163
YGL02.2293.C2	7.814273088	0.414924204	-0.148101402	0.318667095	0.055985429	0.074495158	-0.281303647	0.004998721	0.033893056
YGL02.16564.C1	9.702432764	0.414852559	-0.898912124	0.095010614	-0.315529365	0.244170013	0.061960566	0.004157246	0.02962222
YGL02.21689.C1	7.4849612	0.414613514	-0.005516451	0.05959064	0.049789415	-0.085080639	-0.063241702	0.005165403	0.034696222
YGL02.13099.C1	10.80573736	0.414373319	-0.09904404	0.773362278	0.096231541	0.02498573	-0.305885584	0.002036358	0.017767413
YGL02.10266.C1	8.87503723	0.414215648	-0.462525238	-0.016403496	-0.241284313	-0.095430314	-0.468111214	0.003529006	0.026314174
YGL02.2187.C1	9.016656018	0.414003795	0.087609695	0.428144363	-0.238123039	-0.302600916	-0.522582346	0.000989415	0.010633839
YGL02_GNYA1SO04IUO9B	6.572166518	0.413773274	0.283728092	0.415993646	-0.095854171	-0.208588898	-0.435387991	0.001600171	0.014978221
YGL02.8512.C1	10.45678868	0.413606867	-0.071699298	0.151500034	-0.053912585	-0.137257056	-0.095547178	0.001443753	0.01391996
YGL02.9292.C2	9.373855606	0.413437769	0.146765356	0.030051991	-0.176448789	-0.087475953	-0.062089425	0.00062336	0.007646465
YGL02_GNYA1SO04IPKCN	8.011621031	0.413391961	-0.124077238	0.232172711	0.196008322	0.017637462	-0.352226276	0.002001998	0.017562653
YGL02.4708.C1	8.593621181	0.413378119	-0.203058253	0.235793181	0.196619602	-0.069640064	-0.137620316	0.001366756	0.013368983
YGL02.15003.C1	7.448930494	0.413183095	0.059562957	0.263808627	0.143332186	-0.141144156	-0.310277214	0.001152797	0.011850811
YGL02.10195.C1	8.650905491	0.412921162	0.204378779	0.348291707	-0.334878877	-0.240553306	0.03993185	0.001049763	0.011092427
YGL02.21550.C1	10.61047622	0.412640579	-0.199256131	0.003190863	0.318078431	-0.243805761	-0.473807985	0.001642344	0.015262282
YGL02.4620.C1	10.48311203	0.412586085	0.156037867	0.308731863	-0.02696154	-0.193372231	-0.296309483	0.000660444	0.00797373
YGL02.3410.C1	8.901522527	0.412237477	-0.153112972	0.294378574	0.136811251	0.287696109	0.071238934	0.001480696	0.014166746
YGL02.14293.C1	11.88246142	0.41219762	0.569086692	0.346423548	-0.169884594	-0.263490624	-0.306467871	0.001803698	0.016316799

YGL02.587.C1	8.119027606	0.412171336	-0.092042097	0.11959531	-0.068350035	-0.026729985	-0.233940696	0.001307928	0.012961954
YGL02.1867.C1	7.323209778	0.411878304	-0.144927033	0.199023618	0.336397079	-0.394139919	-0.46872067	0.003845114	0.02797067
YGL02.5074.C1	12.10618651	0.411740092	0.183473827	0.180910297	-0.007699914	-0.092626326	-0.373589325	0.004957129	0.033694592
YGL02_GNYA1SO04ILWPL	9.283190567	0.411493452	0.143534023	0.544978694	-0.014674781	-0.012999182	-0.174558551	0.008541422	0.049743458
YGL02.19268.C1	10.11558598	0.411336582	0.092956643	0.181716085	0.131629298	-0.019989534	0.162280207	0.00151322	0.014399194
YGL02.1903.C2	9.749579158	0.411258822	0.014789454	0.220643412	0.004580035	-0.112973027	-0.506655829	0.000899255	0.009952274
YGL02.8200.C2	7.877407494	0.411139746	0.010038681	0.167057166	0.097082124	-0.183090482	-0.533240294	0.003878729	0.028144057
YGL02.12412.C1	11.14522131	0.411106148	0.206323547	-0.005877203	-0.117618277	0.096670439	-0.118374981	0.002899502	0.022881117
YGL02.16660.C1	8.859298337	0.411030877	0.438318694	0.608687388	-0.165656803	-0.408890115	-0.662596711	0.00388694	0.028184371
YGL02_GNYA1SO04IWWQX	9.523880039	0.410843032	-0.120069902	-0.171467736	0.191874903	-0.017176715	-0.211294941	0.00484817	0.033142466
YGL02_GNYA1SO04JAJFD	2.782142681	0.410698457	-0.020550614	-0.007695501	0.041464313	-0.380743419	-0.351576981	0.000887809	0.009853389
YGL02_GNYA1SO04JM90A	6.925830773	0.410103363	-0.08018677	0.045893738	0.02447708	0.052881412	-0.148631821	0.002601382	0.021168356
YGL02.15288.C1	10.43840317	0.410075669	-0.116590711	-0.086635343	0.029005737	0.014082473	0.119707265	0.00271343	0.021845402
YGL02_GNYA1SO04I5EUL	9.98859399	0.410038092	0.640030172	0.927111438	0.240296569	-0.614281658	-0.469438129	0.008381026	0.049074179
YGL02.20244.C1	8.170892224	0.40999469	-0.008199061	-0.10228985	-0.34227507	-0.278453675	-0.448815906	0.006313559	0.040052522
YGL02.14799.C1	8.769918802	0.409968994	0.193020999	0.301703431	0.273159449	-0.061199681	-0.130770665	0.001860037	0.01667272
YGL02_GNYA1SO04H8RKU	10.89799119	0.409893533	-0.226738875	-0.270634893	0.053565903	0.008434369	0.097726994	0.001894474	0.016883235
YGL02.10319.C1	12.49320203	0.409868063	-0.081997044	-0.225573595	0.036152255	-0.176654091	-0.448443818	0.003197749	0.024533536
YGL02.23405.C1	7.697847818	0.409842903	-0.026425679	0.335511708	-0.082240117	-0.083863192	-0.538158505	0.004670159	0.032225471
YGL02.21494.C1	7.126404373	0.409724281	-0.315368592	-0.168297918	0.258866581	0.05277337	0.011476691	0.007504181	0.045405808
YGL02_GNYA1SO04IX83C	12.10926999	0.40969081	-0.615774674	-0.111292498	0.254668933	-0.001979613	-0.000910509	0.005913721	0.038271559
YGL02_GNYA1SO04I68T4	10.62766825	0.409593057	0.122307164	0.110765229	-0.24904878	-0.197111396	-0.083617386	0.007010207	0.043159006
YGL02_GNYA1SO04IJ0T9	8.018419195	0.409540525	-0.028375992	0.105661419	0.051258621	-0.069840277	-0.290932522	0.002457448	0.020331855
YGL02.17354.C1	8.850690303	0.409419052	-0.140541167	0.025165413	-0.244090568	-0.160024247	-0.077210512	0.003195823	0.024520213
YGL02_GNYA1SO04JSJ6Z	7.672126751	0.408943923	0.094079258	0.160970208	0.341885516	-0.190372791	-0.407535901	0.004423735	0.030975341
YGL02.8855.C2	13.84029079	0.408731625	0.112202752	0.463101059	0.110918925	-0.208173244	-0.425305564	0.000519512	0.006705152
YGL02_GNYA1SO04JVDXP	7.219271796	0.40839555	0.413604515	0.270745357	0.180979671	-0.354660093	-0.358916665	0.000549728	0.006992297
YGL02.1377.C2	11.35428679	0.408093065	0.366348418	0.675665072	-0.176165856	-0.122340494	-0.446384862	0.000140163	0.0026794
YGL02.15872.C1	8.263932486	0.408018011	0.490803471	0.271268851	0.081535236	-0.230394905	-0.375590294	0.007335523	0.044641863
YGL02.13993.C1	2.820870517	0.407730871	-0.093677178	-0.026226105	0.151070937	-0.335364377	-0.394879981	0.008423808	0.049248972
YGL02.4738.C1	9.6951811	0.407704372	0.265757497	0.240135494	-0.180837587	-0.059909357	-0.451107405	0.002439221	0.020215923
YGL02_GNYA1SO04IKWDI	12.11343252	0.40761665	-0.001212999	0.13933282	-0.197229338	0.070227231	-0.303914655	0.000425185	0.00582869
YGL02_GNYA1SO04IR71Y	8.635372938	0.407371113	0.080511365	0.144121515	-0.089279384	-0.010855042	-0.260266138	0.000745324	0.008706278
YGL02_GNYA1SO04I3P0R	11.99851366	0.40721011	0.235619499	0.579640408	-0.090891097	-0.081620225	-0.588073453	0.000368792	0.005281765
YGL02_GNYA1SO04IGFZ4	13.00172107	0.407175429	-0.041475092	0.029658294	0.479512461	-0.157856717	-0.300936132	0.000431082	0.005880567
YGL02.9003.C1	7.768931757	0.407173852	0.910112121	0.028560004	-0.069796253	-0.165307825	-0.107336906	0.000903515	0.009983208
YGL02.2246.C3	14.47778447	0.407173753	-0.078385929	0.011051956	-0.084976939	-0.094614157	-0.311556273	6.81E-05	0.001615301
YGL02.20040.C1	7.59400424	0.407094346	0.316026806	0.561555001	0.372629073	-0.263869154	-0.433168489	0.007474437	0.045263899
YGL02.5220.C1	8.310487781	0.4061638	0.251687678	0.509042177	-0.056850108	-0.24043483	-0.094700345	0.002956787	0.023179216
YGL02.2551.C2	7.079705308	0.406130605	-0.415984349	0.219502816	0.231668343	0.014583724	-0.157759842	0.004654236	0.032143
YGL02.15141.C1	4.969812953	0.405605204	0.268410282	0.640137649	-0.066299237	-0.236282188	-0.579396474	0.000380296	0.005395207
YGL02.17207.C1	7.971707183	0.405221942	0.037869669	-0.200500899	-0.173699092	-0.141266315	-0.435980992	0.007267465	0.044329764
YGL02.15647.C1	8.387450237	0.405020157	0.522802622	0.476030429	-0.075470916	-0.433058917	-0.338808487	0.000632965	0.00773366
YGL02_GNYA1SO04JVZAQ	9.763690362	0.404872502	0.058870488	0.563884783	0.059441051	-0.199444977	-0.396253165	0.002790383	0.022280532
YGL02.15168.C1	6.915807927	0.404853328	-0.017844297	-0.100060094	-0.08528578	0.02327716	0.135683364	0.004436148	0.03103406
YGL02.1183.C1	9.710236306	0.404705227	0.022116829	0.26211106	0.035844352	-0.105498296	-0.188267893	0.002025575	0.017707925
YGL02.4690.C1	9.044278487	0.404377727	-0.166651113	0.00349938	-0.070372018	0.045110748	0.03523655	0.008580813	0.049892087
YGL02.1154.C1	8.572935597	0.404041651	0.166764059	-0.226862257	-0.21483744	-0.116184191	0.108032354	0.006528527	0.041016397
YGL02.9552.C1	9.363139322	0.403943503	0.13076011	0.178770874	-0.020223107	-0.093480625	-0.131336764	0.005453543	0.036094343
YGL02_GNYA1SO04JTKXF	7.761438421	0.403898542	0.102155482	0.198650566	0.048971197	0.060627659	0.13709464	0.006044065	0.038873695
YGL02_GNYA1SO04IKBNE	9.582845298	0.403816109	0.133283121	0.218072169	0.060065799	-0.309112	-0.433877436	0.007475397	0.045267598
YGL02.11629.C1	9.264321849	0.403709484	0.101676327	0.083367918	0.102715514	-0.067791884	-0.371865934	0.000477484	0.006317883
YGL02.2191.C1	10.54103798	0.403650182	0.097493972	0.290639292	0.038271911	-0.211371802	-0.516808276	0.001300765	0.012907762
YGL02_GNYA1SO04JMVDH	12.03850663	0.403641517	-0.096255842	0.007805377	0.292155788	-0.080012884	-0.317611409	0.000227288	0.003752339
YGL02.11601.C1	7.786330673	0.403540298	0.275689288	0.248299462	-0.017966601	-0.188071408	-0.430171725	0.002159111	0.01851779
YGL02.6812.C1	8.599271788	0.403483097	0.064926807	-0.124548445	-0.183201342	-0.030331797	0.219538688	0.003668662	0.027050262
YGL02.3694.C1	7.314869123	0.403288543	0.199595049	0.380162124	0.166227895	-0.034136897	-0.119566704	0.00212947	0.018324257
YGL02.9432.C2	13.66632022	0.403204444	0.040206352	0.262697428	0.018510567	-0.116037783	-0.293236185	0.005046881	0.034121333
YGL02.5343.C1	11.2518191	0.403121071	-0.079475544	0.159157042	-0.045148736	-0.074336986	-0.016259457	0.001253093	0.0125676
YGL02.9607.C1	9.736111551	0.403111291	-0.024990938	0.619576478	0.050993455	-0.060408032	-0.580246242	0.00603688	0.038845355
YGL02_GNYA1SO04IJZ2R	7.470823473	0.402930247	0.236210262	0.51578922	-0.038692339	-0.220840726	-0.218346696	0.003141339	0.024227058
YGL02.10469.C2	6.787562214	0.4028579	0.240164436	0.583314234	0.159833061	-0.018228103	-0.469748469	0.005019659	0.034002974
YGL02.2263.C1	9.368800246	0.402736983	0.266721631	0.430512725	-0.211365489	-0.114892931	-0.286272093	0.002372201	0.019819018
YGL02.5453.C1	10.29440293	0.402549169	0.073532627	0.254097292	-0.183661074	-0.268471619	-0.110562049	0.001797069	0.016278439
YGL02.9316.C2	11.47564954	0.402468476	-0.140742358	-0.36025474	-0.240443539	-0.148955213	0.255343023	0.004948287	0.033656826
YGL02.13143.C1	7.470074668	0.402246193	0.442831451	0.886894397	0.055765418	-0.22118818	-0.658070199	0.002460912	0.02035011
YGL02.21348.C1	9.974476586	0.402236066	-0.218396499	0.095599925	0.262670953	-0.078855479	-0.133104738	0.002883176	0.022793051
YGL02.551.C1	10.70131653	0.401851422	0.259714864	0.482345589	0.131779538	-0.139294513	-0.324063542	0.001177041	0.012028429
YGL02.17430.C1	6.790384429	0.401700877	0.372687178	-0.015956949	-0.052795713	-0.562571896	-0.462656597	0.007400473	0.044931196
YGL02.17947.C1	10.73041833	0.401700008	0.25399478	0.261248124	-0.063283827	-0.097040053	-0.524341627	0.000607523	0.007500513
YGL02.14425.C1	9.06746844	0.401498301	0.023056903	0.610479973	-0.056202724	0.076329074	-0.131350195	0.000602154	0.007451071
YGL02_GNYA1SO04ILILZ	10.20292411	0.401489329	0.311472527	0.369728834	0.120219953	-0.012753044	-0.108904424	0.002414133	0.020069983
YGL02.12307.C1	11.28511105	0.40128424	0.145180907	0.20813526	-0.144541105	0.013548639	-0.082029911	0.000213791	0.003595514
YGL02.1543.C1	8.3337654	0.400555133	0.119405496	0.031250392	0.026242151	-0.011531161	0.007878488	0.000315802	0.004749548
YGL02.3019.C4	11.18997897	0.400491469	-0.717903979	0.26063897	0.020310966	-0.021391279	-0.536724643	0.000348731	0.005087293
YGL02_GNYA1SO04IJ0L7	8.254324939	0.400478229	0.377101101	0.362804466	-0.196340518	-0.07314914	-0.255531506	0.007373755	0.044817667
YGL02.2010.C1	8.421390419	0.400352468	0.065071555	0.607711192	0.098878779	-0.173753155	-0.244630472	0.002105719	0.018181812
YGL02_GNYA1SO04IJNK3	8.393568906	0.40015952	-0.171871729	-0.219309514	0.5647326	0.020197018	-0.121792029	0.002916979	0.022974084
YGL02_GNYA1SO04JWBNJ	9.873189407	0.400122194	0.78932677	0.584132315	-0.078868167	-0.152338089	-0.539910835	0.002818134	0.022442792
YGL02.3011.C2	8.662628937	0.399896755	-0.146657087	0.26087771	-0.03797945	0.187435425	0.365209195	0.001817199	0.016412846
YGL02.2576.C1	10.77842488	0.399857771	0.307586452	0.368057793	0.106656636	-0.153238835	-0.229579624	0.005325387	0.035492845
YGL02_GNYA1SO04JJMES	9.538137643	0.399674593	-0.077602292	-0.028157044	0.134717987	-0.112315186	0.048372187	0.002225621	0.018924036
YGL02.10860.C1	8.9953942	0.399558911	0.303884404	-0.211760733	-0.34267826	-0.122526396	0.01911124	0.00674669	0.042005947
YGL02.3121.C1	9.121346956	0.399523953	-0.019518159	0.384656132	0.1529627	-0.048739155	-0.057771541	0.00082369	0.00934764
YGL02_GNYA1SO04IZSI9	11.57199597	0.399366671	-0.009175897	0.189334898	-0.416348905	0.135752166	-0.029206638	0.00649682	0.040878677
YGL02_GNYA1SO04JX7M1	11.89538917	0.399258092	0.084210237	0.142234642	-0.180522197	0.031531285	-0.359537384	0.003784799	0.027662446
YGL02.7087.C1	11.74040842	0.399048479	0.352493379	0.534265012	-0.101276136	-0.301424183	-0.230231172	0.003545451	0.026414647
YGL02_GNYA1SO04JE0LX	12.08742329	0.398909871	0.080595663	0.238682311	-0.134477218	-0.1609083	-0.546148382	0.007437036	0.045085898
YGL02.11209.C1	8.170340523	0.398677222	0.10031517	0.140599802	0.140871063	-0.111247241	-0.155413389	0.003517102	0.026246591
YGL02_GNYA1SO04I9Q8W	10.68425329	0.398592357	-0.324709198	-0.08130049	0.033999727	0.009543991	-0.315709166	0.004670906	0.032228905

YGL02.2181.C1	9.750032511	0.398578837	-0.101564457	-0.153568132	-0.026266905	-0.089706905	0.051924745	0.000953756	0.010378058
YGL02_GNYA1SO04JZN52	9.635969086	0.398509776	0.019173385	0.235334407	0.134597217	-0.039026639	-0.190329251	0.002018363	0.017671121
YGL02.11117.C1	8.249583989	0.398253461	0.095131832	-0.097744863	-0.019354489	-0.0279811	0.070672185	0.006054796	0.038914234
YGL02.7342.C1	7.561687971	0.398170501	0.382906343	0.209790337	-0.239073935	0.068614524	-0.323712443	0.00806221	0.047775011
YGL02.19839.C1	9.813166127	0.398143392	-0.060813806	0.274438222	-0.013924269	0.043298032	-0.183171904	0.003529207	0.026314174
YGL02.1217.C1	8.507432201	0.397660302	-0.622057554	0.027519314	0.273615435	0.038530836	-0.137219935	0.005263463	0.035191839
YGL02_GNYA1SO04JZE3S	11.96837506	0.397582145	-0.113387295	-0.005960766	0.29834488	-0.054757001	-0.310262492	0.000658677	0.00795609
YGL02.14495.C1	8.589258459	0.397557098	0.273115216	0.547855532	-0.011481843	-0.230449478	-0.221192336	0.004736762	0.032568779
YGL02.5886.C1	8.978408725	0.397513199	-0.03838342	-0.122986404	-0.068853064	-0.251036756	-0.279962948	0.004791243	0.032864854
YGL02.18601.C1	7.260004172	0.397206658	0.422131441	0.31281556	-0.043662925	-0.201892558	-0.299109314	0.003700559	0.027207992
YGL02.6924.C1	11.23181806	0.39690563	-0.088163097	0.110534007	-0.112706455	0.080504739	-0.244957047	0.000144084	0.002732655
YGL02.5566.C1	9.830933078	0.396896517	0.077137905	0.091489482	-0.248038145	0.029671177	-0.465979063	0.002683557	0.021643917
YGL02.18362.C1	7.224602786	0.396870998	-0.061214137	0.155265952	-0.263614753	0.047080484	-0.528755966	0.004580017	0.031757455
YGL02.15867.C1	7.458458739	0.396855926	0.414508558	0.425105535	0.017619535	-0.189213187	-0.382076594	0.001726543	0.015818108
YGL02.17322.C1	6.568852363	0.396739749	-0.174469639	-0.090944467	0.054187444	0.176008036	-0.141778177	0.004001983	0.028794854
YGL02.2039.C1	9.866377694	0.396410736	-0.087435885	0.27263191	0.148467379	-0.104961826	0.030821457	0.00111045	0.011534519
YGL02.20786.C1	6.379021722	0.396251048	-0.022344901	-0.852508513	0.027541406	0.041507588	-0.173534913	0.000472387	0.006272226
YGL02.12103.C3	6.867497624	0.395930322	0.082416657	0.198560224	-0.289670723	-0.166313008	-0.131599752	0.00054717	0.006968659
YGL02_GNYA1SO04IX5PJ	9.398268511	0.395420657	-0.096753287	-0.080529239	-0.005315803	-0.12421839	-0.408111806	0.000513958	0.006650317
YGL02.9277.C1	8.632560125	0.395287413	0.161850922	0.287729671	0.150643299	-0.121741277	0.046486039	0.000243595	0.003940661
YGL02_GNYA1SO04JFJV6	7.736637168	0.395259756	-0.316759874	-0.489509112	0.016638687	-0.05875841	0.255203523	0.003865313	0.028071871
YGL02.13005.C1	7.462189223	0.395153495	-0.073451712	0.013242163	-0.142095345	0.051379024	0.294478036	0.00662424	0.041466847
YGL02.867.C1	10.44352134	0.39513358	0.04608858	-0.096524147	0.003754601	0.013768686	0.060185169	0.001870013	0.016734642
YGL02.18835.C1	6.864049075	0.39511045	0.334832964	0.694820209	0.04133751	-0.356561595	-0.49462872	0.002949141	0.023138887
YGL02.13045.C1	8.576987823	0.39507431	0.024012625	0.2677137	-0.13658449	-0.149250136	-0.412259828	0.002346015	0.019658495
YGL02_GNYA1SO04IFV9K	9.23094576	0.394956218	0.065450443	0.416517151	0.160987381	-0.145130251	-0.423475006	0.002609462	0.02121145
YGL02.2881.C1	7.386525469	0.394359202	0.200106141	0.060707423	0.403231105	-0.1592229	-0.013698613	0.001340167	0.013187587
YGL02.538.C2	9.564944505	0.39407075	-0.192046796	-0.197422296	-0.21027834	-0.052590917	-0.07038238	0.001476344	0.014138691
YGL02.3727.C3	12.18035763	0.394006536	-0.040963764	0.067286866	0.090311659	-0.139336175	-0.013178522	0.001731692	0.015853681
YGL02_GNYA1SO04JRZA3	9.108240843	0.393869483	0.225355454	0.363551134	-0.270763796	-0.135294844	-0.223891558	0.005647069	0.037041995
YGL02.10167.C1	9.334701085	0.393625037	0.080595589	0.434988627	0.171410599	0.005067073	-0.167219975	0.002563999	0.020941803
YGL02.21264.C1	6.674657749	0.393497282	0.39619756	0.769233968	-0.226718958	-0.373173645	-0.491000622	0.006435026	0.040616627
YGL02_GNYA1SO04JNNVO	9.322647972	0.393249481	-0.070527561	0.015967474	-0.1895471	-0.142626738	-0.023003306	0.003037984	0.023651094
YGL02.205.C2	10.17959908	0.393203747	-0.311224954	-0.427130682	-0.071257031	0.005989722	0.333526484	0.004489665	0.031302211
YGL02_GNYA1SO04I17V4	9.126714212	0.39314175	-0.066961761	0.396096412	-0.037815409	-0.037581335	0.006731443	0.004154265	0.029607499
YGL02.16908.C1	8.52011796	0.393114863	0.084776352	0.1575135	-0.108397671	-0.049136542	-0.116279376	0.000889356	0.009866327
YGL02.11242.C1	10.84889439	0.392728273	0.057938265	0.09578372	-0.041497992	-0.047601842	-0.072614962	0.000864657	0.009672875
YGL02.1472.C1	10.67419791	0.392603697	-0.034408043	0.186105387	0.143596534	-0.107797647	-0.16726622	0.001239166	0.012469444
YGL02_GNYA1SO04JTBW6	8.36920943	0.392553583	0.301647251	0.676123969	-0.207697665	-0.001409483	-0.236859742	0.003949158	0.028509721
YGL02.20353.C1	8.327898142	0.392332912	0.072722983	0.224088426	0.290197365	-0.043475852	-0.14136457	0.008416563	0.049218022
YGL02.7208.C1	8.444335629	0.392275355	0.188501556	0.688030976	0.032727436	-0.01710521	-0.279885183	0.001666544	0.01541197
YGL02.11409.C2	7.450840465	0.392177843	-0.265979289	0.318152452	-0.021913205	0.149130436	-0.356319066	0.003505293	0.026185047
YGL02.8140.C1	10.63108902	0.392107124	0.103607575	0.128589785	-0.091735745	0.021672218	-0.127376632	0.002790824	0.022280532
YGL02_GNYA1SO04H6CBK	8.261770275	0.392010969	-0.041967837	0.577465403	-0.190082305	-0.11449925	-0.385933988	0.003176487	0.024412104
YGL02.1374.C2	9.474610016	0.391995222	0.468289954	0.792930267	-0.042757224	-0.174233514	-0.384172928	0.00267668	0.021597868
YGL02.5560.C2	9.71876675	0.391946442	0.350646893	0.21740757	0.329233441	0.004181551	-0.157201137	0.00407053	0.029169647
YGL02_GNYA1SO04H81K6	9.397736863	0.391446416	-0.94668052	-0.759209543	-0.042205759	0.162270617	-0.145416231	0.003294539	0.025062307
YGL02.3020.C2	7.870336285	0.391432068	-0.031900713	0.432170646	0.151938817	-0.031103787	-0.280932971	0.001437337	0.013871812
YGL02.11019.C1	7.850414614	0.391377038	-0.349694091	-0.263958907	0.065343508	-0.207162961	-0.295642701	0.003257411	0.024860183
YGL02.1850.C1	7.146169326	0.391341792	0.254531262	-0.030505619	0.311273023	-0.153324192	-0.367466902	0.007706283	0.046269788
YGL02_GNYA1SO04IK8QA	8.790102442	0.391298984	0.058710555	0.102427707	0.322933933	-0.168075859	-0.12216203	0.004460843	0.031159689
YGL02_GNYA1SO04H293S	6.974764757	0.390959343	0.210914786	0.503211213	0.313940502	0.051895203	-0.210035708	0.007383415	0.04486585
YGL02.8434.C1	9.111651404	0.390889125	0.261707592	0.581869883	-0.162616113	-0.039744888	-0.101745122	0.002124898	0.018290989
YGL02.7003.C1	11.48121159	0.390843696	0.114129586	-0.121396601	-0.199998937	0.093460191	-0.387917193	0.006744051	0.04199961
YGL02_GNYA1SO04H1QUH	10.73099161	0.390602904	0.119745276	0.363902254	0.240971593	0.056464613	-0.400325992	0.006781972	0.042138163
YGL02.5323.C1	10.18906712	0.390600202	-0.033054469	-0.012536901	0.335929968	-0.102525641	-0.454315663	0.00505574	0.034166963
YGL02.16320.C1	8.305737489	0.390549785	0.005025275	0.170430126	0.041034881	-0.240644054	-0.273477671	0.002605556	0.021191669
YGL02_GNYA1SO04JRTD8	11.86924001	0.39053699	0.553102269	0.162029689	0.246692683	-0.395638404	-0.196407816	0.002316295	0.019473813
YGL02.291.C1	11.63870476	0.3904159	-0.097577651	0.22499321	0.064553006	-0.130474374	-0.208252214	0.002931735	0.023047004
YGL02_GNYA1SO04H4YSM	10.15490047	0.390209137	0.205550507	0.343485804	0.165010551	-0.229174981	-0.130767191	0.001247179	0.012524777
YGL02_GNYA1SO04INFEP	10.83526521	0.390187526	0.211658956	0.395980705	0.140987276	-0.158957434	-0.33001464	0.003071487	0.023841689
YGL02_GNYA1SO04JEFED	8.099878786	0.38986996	-0.031889425	0.165041332	0.388065567	-0.078964526	-0.143603496	0.005425004	0.035956911
YGL02_GNYA1SO04IBEXQ	8.96069704	0.389861093	0.326035913	0.396760644	0.265196583	-0.145900042	-0.037001116	0.002530619	0.020757069
YGL02.1420.C1	10.45483144	0.38963234	0.033553548	0.155094234	-0.011328492	-0.088058507	-0.249466333	0.002427122	0.020145305
YGL02_GNYA1SO04JL48P	8.054573954	0.389627378	0.024809885	0.107540248	0.053070968	0.0406179	-0.154483792	0.003405184	0.025639958
YGL02.18650.C1	5.517119505	0.389384819	0.303564	0.424891561	-0.245276033	-0.185563371	-0.252474901	0.007299931	0.044483618
YGL02_GNYA1SO04JJN60	8.771995617	0.388641391	-0.066925531	0.045730351	-0.02932853	-0.28347815	-0.010077431	0.004315481	0.030411697
YGL02_GNYA1SO04IB72G	8.582842438	0.388493822	0.183239298	0.234874291	-0.370770898	-0.136332861	-0.211833608	0.000739817	0.008656791
YGL02_GNYA1SO04IYJYK	7.73248067	0.388394304	-0.524910617	0.362367993	0.185645397	0.114416078	-0.838281645	0.004607075	0.031904074
YGL02.20213.C1	2.971068691	0.388190482	0.07939351	0.03673404	-0.157670183	-0.313164783	-0.288607108	0.006157263	0.039348212
YGL02.5110.C1	9.055946801	0.388170385	0.05661514	0.24584679	0.082197292	0.101340792	-0.115345508	0.0021776	0.018636766
YGL02.4237.C1	8.392573523	0.38796139	0.099788193	0.490644005	0.29010759	-0.195216054	-0.105808281	0.000125541	0.002480889
YGL02.14328.C1	7.497062619	0.387678706	0.436463252	0.120976986	0.150436393	-0.208019654	-0.08439309	0.001586541	0.014894335
YGL02_GNYA1SO04IEAL4	6.853653659	0.387452627	0.031313313	0.965037576	0.085246049	0.059306557	0.02679535	0.006750242	0.042013919
YGL02.8923.C1	8.611377187	0.387367146	0.369833988	0.364729628	-0.132549621	-0.270470089	0.074772305	0.001575596	0.014826057
YGL02_GNYA1SO04IJSY5	8.411002884	0.387248962	0.232868901	0.257347281	-0.063155512	-0.229921571	-0.09511144	0.003101408	0.024010619
YGL02_GNYA1SO04ISV9S	8.433781143	0.387086267	-0.023131152	0.389066414	0.201922606	0.188340735	0.327435207	0.001316966	0.013014666
YGL02.11199.C2	9.19188758	0.387034104	-0.049459651	0.049189894	0.190290705	-0.142570143	-0.195723545	0.000270051	0.00424508
YGL02.1621.C1	8.966978802	0.386995086	0.143346472	0.084776561	-0.168182545	-0.186912051	0.016464497	0.003696714	0.027188984
YGL02.3019.C2	11.42728447	0.386876614	-0.686807099	0.33523298	-0.018221649	0.068368628	-0.548397329	0.002903187	0.022899034
YGL02.1055.C3	13.28505443	0.386526661	0.164408347	0.316267795	0.134556383	-0.21420934	-0.466337201	0.001108921	0.011522331
YGL02.20928.C1	7.69743613	0.386453394	-0.410993785	-0.329202311	0.335755722	0.19342124	0.244966058	0.007977212	0.047400457
YGL02.12084.C1	10.14682664	0.386004909	0.210966311	0.357800103	-0.045398322	-0.086636226	-0.363099421	0.002029057	0.017727602
YGL02.6156.C1	10.03368862	0.385781103	-0.041137343	0.008299721	0.009713558	-0.102336325	-0.193863053	0.000960173	0.010423368
YGL02.15280.C1	9.030001446	0.385761733	0.324894543	0.521629322	-0.513388518	-0.093946859	-0.345661444	0.001470341	0.014100165
YGL02.1549.C1	10.48829124	0.385504834	0.257722259	0.913346796	-0.169979184	-0.204448423	-0.797681828	0.005508613	0.036352726
YGL02_GNYA1SO04IX9J3	8.584266368	0.385354931	0.023330144	0.568930304	-0.043167767	0.021821047	-0.372055499	0.002643268	0.021405627
YGL02.4049.C1	8.623235796	0.385343351	0.312233712	0.395766395	-0.072145802	0.083129634	-0.055104477	0.00210335	0.018169519
YGL02.14047.C3	8.058732037	0.385278315	0.620603683	0.606510335	-0.284540161	-0.22257698	-0.044462519	0.007034336	0.043280877
YGL02_GNYA1SO04H67L0	12.47903899	0.385090382	0.24617151	0.241778095	-0.286168688	-0.195236356	-0.262486258	0.001434583	0.013852464

YGL02.8359.C1	8.572317373	0.384815767	0.308377695	0.287802355	0.282024181	-0.124467405	-0.139150439	0.007480212	0.045292522
YGL02_GNYA1SO04IPZS1	9.07656582	0.384561093	-0.298054627	0.42840931	-0.282183249	0.067816122	-0.466091121	0.000880906	0.009800174
YGL02.10720.C1	8.74453285	0.384460032	0.052538139	0.10917929	0.062116598	-0.106825739	-0.35498683	0.004068496	0.029158302
YGL02.14489.C1	9.704228608	0.384370659	0.390338726	0.6874296	-0.194354794	-0.296649678	-0.506586964	0.003845038	0.02797067
YGL02.17713.C1	4.976978807	0.384285322	0.055916481	0.130955857	0.191346701	-0.103209308	-0.208935338	0.002251084	0.019091657
YGL02.3760.C1	8.117379019	0.384254808	0.30132599	0.262905807	-0.192574282	-0.027499627	-0.293071584	0.001012722	0.010802744
YGL02.1131.C1	9.625205497	0.384231294	0.592886105	1.043429725	0.121245927	-0.017882803	-0.013398782	0.005680351	0.037190608
YGL02.874.C6	12.42028683	0.384205098	0.047022847	0.035365401	-0.049230903	-0.115480707	0.027178717	0.000365474	0.005249343
YGL02_GNYA1SO04JDGHY	10.9351052	0.384175758	0.234893616	0.398054558	-0.058057208	-0.019454038	-0.566308711	0.001424793	0.013783628
YGL02.2827.C2	10.44460932	0.384146788	0.010911926	0.17781591	-0.178742226	0.025660669	0.235753932	0.001204402	0.012225073
YGL02_GNYA1SO04IZFJ6	8.954795269	0.384101881	0.089060839	0.250929499	0.121436901	0.022156795	-0.20450211	0.001046183	0.011066202
YGL02.5676.C2	9.361738444	0.383665881	-0.054391923	0.255868297	-0.247449635	-0.179276622	0.019523352	0.007532703	0.045523599
YGL02.5745.C1	8.752847658	0.383536357	0.388404278	-0.047313117	-0.164150082	0.002978231	-0.15850355	0.003060273	0.023780301
YGL02_GNYA1SO04JN4N8	11.34025806	0.383535316	0.246858105	0.595741476	0.067003086	-0.080111218	-0.38351652	0.002555638	0.020895917
YGL02.6461.C1	8.423484271	0.383350269	0.148103091	0.344727378	-0.083784144	-0.11201122	-0.339863253	0.007802035	0.046708265
YGL02.13102.C2	8.965322977	0.383247607	-0.381500745	0.575589038	-0.042655905	-0.086964829	-0.319356957	0.003415413	0.025689512
YGL02.7046.C2	6.926403543	0.383246889	0.25113795	0.413123506	0.084845781	-0.227147107	0.04839953	0.004816263	0.032989292
YGL02.5276.C1	9.966747942	0.3830622	0.125412667	0.18823837	0.226811789	-0.045735625	-0.026717186	0.007395074	0.04491269
YGL02.5228.C2	10.10883073	0.381926207	-0.120509382	-0.160551817	0.265690563	-0.139399866	0.028878713	0.001248013	0.012531209
YGL02_GNYA1SO04I68I7	10.70575643	0.381706142	-0.190508419	0.203516892	-0.165941963	0.112365236	-0.174727083	0.001248189	0.012532
YGL02.1842.C1	9.749352184	0.381524157	0.27851554	0.123796601	-0.159521832	-0.178609026	-0.079088516	9.94E-05	0.002115881
YGL02.3019.C5	11.23316243	0.381414819	-0.806710811	0.225827523	-0.012650768	0.015460684	-0.495102719	0.001728558	0.015831703
YGL02.3524.C1	10.77145983	0.381404192	0.020397051	0.106671149	0.06470745	-0.115773546	-0.139041345	0.000756968	0.008807338
YGL02.23168.C1	8.048532012	0.381285449	-0.263502315	-0.062763271	-0.438654881	-0.28796427	-0.23124205	0.003652644	0.026953637
YGL02.472.C2	8.823681456	0.381007677	0.194653811	0.565318619	-0.205463808	-0.058428995	-0.203145127	0.00252698	0.02073623
YGL02_GNYA1SO04IC8V0	9.466263295	0.380856993	0.130398743	0.028006541	0.139936952	-0.144468782	0.058057351	0.002473827	0.020430819
YGL02.22176.C1	13.04176969	0.380626596	0.025907453	0.373750728	0.33418231	-0.013311363	-0.326421229	0.000607913	0.007504082
YGL02.961.C1	11.20035608	0.380456398	0.212894355	0.017892345	0.014801094	-0.191769469	-0.559660349	0.002640783	0.02139234
YGL02_GNYA1SO04JOHRN	7.985015516	0.380171013	0.288897622	0.429557101	-0.039580338	-0.24114439	-0.457497823	0.007585209	0.045740068
YGL02_GNYA1SO04JEX6K	7.722489399	0.380170207	0.330964245	0.322950357	-0.004495578	0.094599159	-0.073439986	0.003948747	0.028508342
YGL02.17995.C1	8.047831696	0.380077847	0.190985096	0.119222466	-0.251218734	-0.095482561	-0.204213015	0.001904584	0.016952331
YGL02_GNYA1SO04JNQA1	10.28938275	0.380015762	-0.114287508	0.164004371	0.034943397	0.039555546	-0.059256863	0.003123509	0.024131516
YGL02.12338.C2	8.394580422	0.379922731	-0.178422965	-0.313333195	-0.278117633	0.008286405	0.120008361	0.000181791	0.003203803
YGL02.6817.C1	9.86192457	0.379868454	0.593239814	0.866386542	0.339648041	-0.576843043	-0.414441862	0.00583555	0.037902043
YGL02.13518.C1	6.931252941	0.379667485	0.151436619	0.422698867	0.078615203	-0.051446196	-0.05710819	0.007265285	0.044322727
YGL02.12726.C1	8.550886009	0.379439324	-0.060778406	0.148665851	0.170713912	0.168243983	0.073537886	0.000847869	0.009540111
YGL02.3835.C1	7.434914906	0.379100036	0.159427674	0.146404621	-0.088860956	-0.094360038	-0.251538977	0.003935332	0.028436857
YGL02.6764.C1	7.104277084	0.378571516	0.220216991	0.139652159	-0.358109389	-0.505107411	-0.145310841	0.006678556	0.041710076
YGL02.8955.C1	10.14286533	0.378405872	-0.029590788	0.182784659	0.033012704	0.067608109	-0.046813001	0.002096338	0.018127837
YGL02_GNYA1SO04JJMTP	8.57067082	0.378316787	0.121581447	0.521523061	0.152006931	-0.071882014	-0.335038458	0.001980902	0.017439835
YGL02.991.C2	8.993911049	0.378216011	0.076778303	0.155380828	-0.076837709	-0.15509544	-0.051451891	0.00247691	0.020449754
YGL02.9037.C3	7.804760364	0.378024276	-0.112532502	-0.205228534	0.041133996	0.085053454	0.013333148	0.004018804	0.028898305
YGL02.2268.C1	8.550634998	0.377837801	0.146573397	0.305889745	-0.300822299	-0.017248525	-0.253917832	0.001183586	0.012073426
YGL02.5470.C1	8.12172996	0.377711177	-0.002923394	0.116276472	0.037980734	0.112703072	0.198290615	0.000952063	0.010365732
YGL02.7502.C1	8.61939045	0.377020434	-0.039062863	0.27729628	-0.134287535	0.048131005	-0.046738159	0.00316096	0.024337794
YGL02.1118.C1	10.44652373	0.37690277	0.272664939	0.162296352	-0.117770836	-0.134597137	-0.263417341	0.005185563	0.034802748
YGL02.19908.C1	6.354604294	0.376660953	0.461823157	0.641932246	-0.102797604	-0.29225476	-0.429836477	0.007122601	0.043695167
YGL02.17942.C1	8.75969187	0.375991578	0.23867291	0.739395098	-0.215848029	-0.209176956	-0.587335117	0.007203552	0.044062363
YGL02_GNYA1SO04IUWDM	8.687578242	0.375975865	0.325186747	0.529526185	-0.161004568	-0.283190505	-0.758879934	0.006655394	0.041597517
YGL02_GNYA1SO04ITD9M	9.48697889	0.375722962	0.581463313	0.95842412	0.402650436	-0.53736712	-0.444227202	0.003617232	0.026785436
YGL02.20738.C1	9.51019878	0.375720787	-0.030388896	0.281225549	-0.16482706	-0.123957258	-0.085557998	0.000221915	0.003694357
YGL02_GNYA1SO04H41IK	9.782750053	0.375328378	-0.081930682	-0.109683017	-0.229592272	0.028204637	0.030210456	0.002251284	0.019092102
YGL02.3170.C1	9.903878437	0.375135993	0.59451917	-0.044370472	0.007898443	-0.313675785	-0.616000258	0.003505909	0.026187207
YGL02_GNYA1SO04H0P9Q	9.111724733	0.374790297	0.109192164	0.015563735	-0.305611611	-0.203046944	-0.03256751	0.005945844	0.038398851
YGL02_GNYA1SO04IPOGS	10.07184089	0.374706312	0.020872069	0.076156298	-0.11940838	-0.110842052	-0.465939609	0.000694438	0.008264933
YGL02_GNYA1SO04H586N	8.3129396	0.374429244	-0.284848947	-0.174368233	-0.111752804	0.037471305	-0.033352962	0.006183524	0.039473178
YGL02_GNYA1SO04IJP8G	12.64380845	0.374275123	0.160301799	0.346594025	0.044455946	-0.07895344	-0.316390291	0.005065359	0.034216742
YGL02_GNYA1SO04I25TC	9.625498892	0.374024609	0.290173319	0.275634149	0.008017247	-0.148224792	-0.191739829	0.007561721	0.045645197
YGL02.3076.C1	9.401895129	0.373911543	-0.108554742	-0.073662347	-0.035355287	-0.040387813	0.000945499	0.003932344	0.028420019
YGL02.9905.C2	9.97840968	0.373826108	0.079890886	-0.161409786	-0.224307431	-0.268396204	-0.359060793	0.002660762	0.021508293
YGL02.18154.C1	8.510227465	0.373416503	-0.08273132	-0.01573942	0.187837996	-0.072185741	-0.459566825	0.001046723	0.011069541
YGL02_GNYA1SO04I64FJ	7.813382555	0.373413194	0.27062969	0.408934656	-0.071858955	0.029196915	-0.086301046	0.006054789	0.038914234
YGL02.22566.C1	13.44553303	0.373255961	-0.005107848	0.061536691	0.059492172	-0.161437988	-0.47283227	0.001344138	0.013210383
YGL02.11057.C1	10.29676241	0.373146399	0.148893991	0.012699869	-0.181667473	-0.210651308	-0.392804457	0.001296783	0.012876137
YGL02_GNYA1SO04IAL9T	8.771200366	0.373105485	0.043728149	0.358059924	-0.462022569	-0.240487172	-0.398808032	0.007088464	0.043537309
YGL02_GNYA1SO04JHZLW	9.975744683	0.37305271	0.189656098	0.426997712	-0.501403955	0.133602303	-0.465289662	0.000378969	0.005383463
YGL02.9745.C1	9.574699991	0.372849956	0.043755525	0.099118459	-0.02923328	-0.013037168	-0.244208195	0.006905087	0.042677991
YGL02_GNYA1SO04JCLBA	9.887059076	0.372737736	0.109186111	0.109078064	0.070006622	0.074605578	0.130995952	0.000928546	0.010175567
YGL02_GNYA1SO04IOXXH	11.28502961	0.37256507	-0.05640583	-0.043320309	-0.145086177	-0.038444664	-0.05400916	0.000709509	0.008395421
YGL02.23598.C1	8.416679032	0.371980079	-0.011830676	0.352746543	-0.00432374	-0.076338123	-0.094746584	0.000864747	0.009672875
YGL02.4087.C2	9.084860404	0.371743277	-0.151934514	-0.138051457	-0.130834914	0.234026705	-0.061821403	0.000912561	0.010053138
YGL02.7790.C1	9.758969566	0.37128915	0.14524825	-0.25675948	0.02975517	-0.337043243	-0.32442335	0.003090796	0.023949939
YGL02_GNYA1SO04JC2BW	10.05996517	0.371022279	0.197472313	0.084025179	0.062044965	-0.191524018	-0.271954828	0.003234106	0.024733344
YGL02_GNYA1SO04I77PA	10.49540182	0.371009397	0.242101392	0.426179115	0.716162363	-0.032059083	-0.279613469	0.003919643	0.02835561
YGL02.735.C2	7.808819667	0.370565742	-0.189187852	0.077978489	0.144900551	0.051837234	-0.349004374	0.001517704	0.014432419
YGL02.16061.C1	11.59116631	0.370397094	-0.080982826	-0.49629097	0.015994277	0.040972813	-0.503026337	0.001155103	0.011867925
YGL02_GNYA1SO04JSQ19	8.45010247	0.370259129	0.135533908	0.26404829	-0.153161923	-0.025431059	-0.387519338	0.00299863	0.023419337
YGL02.4158.C1	8.97616605	0.370147504	0.192590606	0.390536487	-0.00837809	-0.031074954	-0.337902179	0.004159827	0.029635724
YGL02.8174.C1	11.44041597	0.370109922	-0.028835746	0.320708065	-0.187639412	-0.156034786	-0.420399919	0.003629727	0.026844184
YGL02_GNYA1SO04I8DUX	10.16530114	0.369831898	0.238065153	0.375130285	-0.027658055	-0.15435374	-0.14658798	0.000407103	0.005660788
YGL02_GNYA1SO04JRKXN	8.749254622	0.369727885	0.162895653	-0.505614058	0.289074826	-0.074021644	-0.334991054	0.000964782	0.010454115
YGL02.23476.C1	7.352016644	0.369686981	0.495483033	0.294366138	-0.168475214	-0.18602487	-0.262477094	0.008094679	0.047899983
YGL02.8433.C1	8.948462427	0.369551801	-0.418412624	-0.452075857	0.294948545	0.078784051	0.356126067	0.004297896	0.03034159
YGL02.13326.C1	10.2337345	0.369386557	0.103596803	0.066652222	0.191857735	-0.193035061	-0.336148704	0.001903586	0.016945775
YGL02_GNYA1SO04JOHWO	9.123382482	0.369340217	0.035486679	0.039763858	-0.349486275	-0.217525043	-0.032769709	0.007307498	0.044519431
YGL02_GNYA1SO04IN03C	7.614548965	0.369264869	-0.111247695	0.021308184	0.339347982	-0.05471204	-0.592126723	0.002963649	0.023212178
YGL02.13399.C2	13.81919368	0.369067587	0.052699776	0.09473406	-0.403836276	-0.150453484	-0.248170584	0.000943297	0.010293661
YGL02_GNYA1SO04I6G0I	8.067901766	0.368829962	0.699958335	0.718600527	-0.137210965	-0.044985738	-0.701033402	0.003206535	0.024582009
YGL02.7420.C1	7.414573975	0.368548226	0.127016644	0.098202522	-0.199560804	-0.013000147	-0.124006144	0.006665727	0.04164401
YGL02.6858.C2	9.461351323	0.368512565	-0.071732907	0.089855138	0.151715229	-0.034154343	0.057390252	0.006047993	0.038891744

YGL02.1211.C2	10.30892149	0.368482755	0.116815533	0.066377005	-0.014039051	-0.07994177	-0.160285352	0.000718126	0.008471097
YGL02.5457.C1	9.314210276	0.368326306	0.387618345	0.663320114	-0.137492672	-0.231829389	-0.241269002	0.002371462	0.019816685
YGL02.8174.C2	9.990072576	0.368261027	0.012657881	0.278527575	-0.037385903	-0.204004949	-0.452292299	0.003088953	0.023937091
YGL02.17651.C1	5.582738654	0.368171972	0.139548103	0.262290464	0.003039601	-0.137629767	-0.104856172	0.001240752	0.012479586
YGL02.15703.C1	8.542311189	0.367998678	0.307259531	0.389640727	0.222335114	-0.271196969	-0.190340187	0.002026923	0.01771499
YGL02.6653.C1	9.352045706	0.367446871	0.067584878	0.27313659	0.098740037	0.084481977	-0.516714991	0.001315363	0.013005856
YGL02.22557.C1	7.939560805	0.366890884	-0.112922172	-0.038725131	-0.029674428	0.090830898	-0.083814377	0.003583968	0.026615676
YGL02.5537.C1	11.22974499	0.366814811	-0.016262234	0.235731252	-0.125643309	-0.196353505	-0.415896246	0.004418221	0.030947792
YGL02.9685.C1	9.925267823	0.366726981	0.017882361	-0.101942148	0.121042651	0.043304313	0.22019194	0.007190766	0.04400286
YGL02.5977.C2	7.774739877	0.366540775	0.19952999	-0.303859979	0.198036756	-0.384519319	-0.185105248	0.00379768	0.027723455
YGL02.4456.C1	7.909015626	0.366306778	-0.142970178	0.150512074	-0.146938198	-0.162631088	-0.321300865	0.006896104	0.042638964
YGL02.16505.C1	8.932442599	0.36553317	0.010883252	0.334210348	0.138745286	-0.134513351	-0.296046561	0.001231594	0.012415802
YGL02.2613.C1	9.656784809	0.365472217	0.375770031	0.414906416	0.061499166	-0.198319234	-0.260475119	0.002638181	0.021379143
YGL02.1457.C1	11.06045435	0.365273621	-0.122085633	-0.142118011	0.171312162	-0.022397908	-0.141904558	0.004026412	0.028941584
YGL02.11827.C1	8.252873385	0.364989644	0.067287333	0.984210859	-0.382012072	-0.050622453	-0.29805646	0.00149889	0.0142933
YGL02_GNYA1SO04JNDB8	10.15560569	0.364975659	-0.008940571	0.041286543	-0.161583286	-0.012771342	-0.024563946	0.003823884	0.027859816
YGL02.11637.C1	7.93513802	0.364903708	0.049930087	-0.511398735	0.19490689	-0.016085178	0.517495827	0.003085583	0.023919097
YGL02.6690.C1	11.78254037	0.364672823	0.007582284	0.209369663	0.110729884	-0.146051735	-0.093916116	0.00471166	0.032456498
YGL02.1218.C1	11.34563181	0.364646721	-0.127484173	-0.155320731	-0.382110619	-0.08438719	-0.373355888	0.005557593	0.036595959
YGL02.4941.C1	10.55492947	0.364544651	-0.153120292	-0.178825848	-0.206607601	-0.079971943	-0.086520145	0.000527329	0.006779307
YGL02_GNYA1SO04H9WIR	8.280063537	0.3642198	-0.150763453	0.057286512	-0.284417202	-0.050219035	0.018209473	0.005002919	0.033910869
YGL02.15379.C1	8.369510724	0.364026505	0.108037452	0.260741616	-0.067629122	-0.063686796	-0.265392798	0.005962128	0.038469486
YGL02.11467.C1	8.734729341	0.363902454	-0.011709505	0.076967688	-0.416769158	-0.064112917	-0.133345925	0.000739688	0.008656105
YGL02.4191.C1	9.779094129	0.363899403	0.170119938	0.419872511	-0.191815344	-0.030899289	-0.161132222	0.001068357	0.011222414
YGL02.14746.C1	9.38872863	0.363714647	0.109340822	-0.010835675	-0.299530911	-0.188464352	0.006874912	0.000841217	0.009485046
YGL02.10082.C1	8.513449187	0.363468998	-0.018656995	-0.195264519	-0.309042044	-0.15123653	-0.20055778	0.004893234	0.033366497
YGL02.5554.C1	7.362135328	0.363313332	0.630112662	0.075733784	0.070422305	-0.231936166	-0.38193038	0.004441243	0.031059639
YGL02.14097.C1	9.309707188	0.363089239	-0.056653744	0.274220419	-0.206228374	-0.070558967	-0.048620082	0.005885683	0.038134626
YGL02.12846.C1	9.19120088	0.362953487	0.044250418	0.061027385	0.099432076	0.009946001	-0.716968536	0.003113135	0.024072622
YGL02.15452.C2	9.488937034	0.362876998	0.350722006	0.435581644	0.005567749	-0.141272116	-0.46116976	0.001801914	0.016307301
YGL02.309.C1	9.962385977	0.362745876	-0.041493899	-0.022848798	-0.269918669	-0.109345274	-0.103129304	0.003405321	0.025639958
YGL02.13356.C1	11.41200553	0.362723438	0.225302651	-0.182788966	-0.036005935	0.016557116	-0.21379506	0.000199413	0.003423509
YGL02.11740.C1	7.922961543	0.362721115	-0.15862109	-0.033407905	0.095592704	-0.02095808	-0.210633071	0.004396969	0.030843284
YGL02.7724.C1	10.0915241	0.361877035	0.154824742	0.494491193	0.1727277	-0.054744637	-0.371972007	0.003538337	0.026374654
YGL02.5986.C1	11.19097328	0.361524503	-0.224761714	0.269523954	0.164263999	-0.006115352	-0.322953011	0.001482994	0.014183495
YGL02.4177.C1	9.724797547	0.361403929	0.079810499	0.334940513	0.027028491	-0.227647391	-0.237635556	0.008546715	0.049749673
YGL02.20566.C1	3.02164767	0.361372699	0.134075937	0.034854766	-0.145312451	-0.308547312	-0.149383175	0.006751376	0.04201896
YGL02_GNYA1SO04JHXKS	8.669982826	0.361114015	0.144960903	0.436607035	-0.452726945	-0.196916917	-0.515103426	0.003383848	0.025531198
YGL02_GNYA1SO04IBKVJ	10.14573185	0.360922106	-0.249865046	-0.21915737	0.206610622	0.049599099	-0.328995158	0.008551755	0.049770058
YGL02_GNYA1SO04IGPF6	9.14405099	0.360438011	0.015959471	0.37481588	0.239836658	-0.149183755	-0.211959725	0.003476918	0.026027709
YGL02.11911.C1	6.83252378	0.360435765	0.079633052	0.587492637	0.102349264	0.050079159	-0.288884566	0.001533677	0.014544694
YGL02.2204.C3	11.54952553	0.359869164	-0.081969931	-0.08338969	-0.006749976	0.067812625	-0.155422035	0.002027986	0.017720633
YGL02_GNYA1SO04ID8MP	10.15749012	0.359734072	0.174635106	0.610134099	-0.022481532	-0.128534019	-0.623761168	0.004204825	0.029862111
YGL02.160.C1	10.66058306	0.359608723	0.194888619	0.188808655	0.078529415	-0.231852295	-0.300882451	0.00842256	0.049244029
YGL02.10928.C1	7.192760532	0.359477257	-0.066791747	0.169330462	0.004245656	0.1315106	-0.61385851	0.002582961	0.021048882
YGL02_GNYA1SO04ISI2Y	9.056920576	0.358781013	0.101045094	-0.272345205	-0.045452017	0.043504946	-0.119597671	0.003865011	0.028071256
YGL02.1905.C2	9.930441662	0.358174802	-0.03391662	0.110250714	-0.0977033	-0.212230756	-0.303942049	0.001177617	0.012032844
YGL02_GNYA1SO04IZD4S	8.333660768	0.357689536	0.05405291	0.195507969	-0.342070868	-0.151495594	-0.143854945	0.005428882	0.035973412
YGL02_GNYA1SO04IXLVY	9.552483183	0.357396603	0.24970489	-0.243598924	0.253902156	-0.225625911	-0.139821512	0.00421468	0.029909678
YGL02.21561.C1	9.441798788	0.356754931	-0.017863616	0.310925804	-0.257485022	-0.153848384	-0.33993671	0.000601342	0.007444793
YGL02.9905.C1	10.9568426	0.356248343	0.08673962	0.099742632	-0.385932559	-0.220817974	-0.245474488	0.005475102	0.036199811
YGL02.5093.C1	8.344858317	0.356208433	0.063946442	0.03275223	0.378518186	-0.200313691	-0.256877266	0.004811256	0.0329672
YGL02_GNYA1SO04JZ5R6	10.33790096	0.356136639	-0.048623351	-0.101173455	0.143924126	-0.025975092	0.031593668	0.000642932	0.007823552
YGL02.17376.C1	8.285154156	0.356082791	-0.052086129	0.124145863	-0.063231664	0.000407539	-0.117597717	0.004441949	0.031062896
YGL02.3019.C3	11.46226096	0.355593032	-0.641790035	0.32481076	-0.057982568	0.092343754	-0.470963182	0.003422458	0.025727106
YGL02_GNYA1SO04JCQ77	10.33627074	0.355072321	-0.175441941	0.350778874	0.398448774	-0.113275288	-0.442565579	0.008411447	0.049207807
YGL02.3769.C1	9.109406543	0.354792126	0.209660437	0.179894783	-0.127746846	-0.122251671	0.025425231	0.002106257	0.018184499
YGL02_GNYA1SO04I11TG	10.35942391	0.354707734	-0.001575732	0.017690887	0.155258015	-0.023376263	-0.281656539	0.001880135	0.016794743
YGL02.7478.C1	8.137318805	0.354537976	0.303049498	0.946456216	0.046386041	0.089939227	-0.425551755	0.002748842	0.02204552
YGL02.3162.C2	9.631772432	0.353837486	-0.645335669	0.363544553	-0.183549183	0.259552936	-0.608735624	0.002934264	0.02305709
YGL02.11241.C1	8.483784193	0.353344701	-0.139228526	0.093333077	0.030382684	0.030156011	-0.093426929	0.006290408	0.039946747
YGL02.3986.C1	11.69154833	0.353329084	0.074950289	0.293824605	-0.895981627	-0.088623807	-0.303039837	0.006617391	0.041436735
YGL02_GNYA1SO04H4JT6	11.26549899	0.353127741	0.250955278	0.544863934	0.138683445	-0.089412876	-0.368249946	0.003348189	0.025342405
YGL02_GNYA1SO04IUYS4	12.21181505	0.353110962	0.112786496	0.042403702	-0.107554307	-0.309636359	-0.398320394	0.002322743	0.019520416
YGL02_GNYA1SO04IZNR8	9.894703144	0.352738583	0.123159875	0.134622458	-0.191323178	-0.026536757	-0.018527144	0.006130733	0.039242931
YGL02.850.C1	11.34791095	0.352713639	-0.026859321	0.104438712	-0.131247619	-0.099408362	-0.478960902	0.002195699	0.018748402
YGL02_GNYA1SO04IVCDC	11.32824394	0.352455454	-0.024027207	0.143333733	0.010262317	0.104832038	-0.078256848	0.005509351	0.036354083
YGL02.14844.C1	10.4651786	0.352438437	-0.099709198	0.292762662	-0.046554879	-0.209794989	-0.39451521	0.001207637	0.01225118
YGL02.12889.C1	8.77735987	0.352111504	-0.187583825	-0.631147349	-0.346730082	0.189952228	0.091580563	0.002558618	0.020911045
YGL02.14784.C1	8.329909819	0.352087036	-0.154152784	-0.103643877	0.189887606	-0.089227087	-0.18335122	0.001022955	0.010880532
YGL02.15454.C1	8.250750723	0.351305108	-0.01759316	0.309089236	0.058908951	-0.016167493	-0.431513458	0.002692898	0.021708444
YGL02.19710.C1	8.788201235	0.35129521	-0.069497528	0.166403634	0.089658508	-0.066352914	-0.379736756	0.004629494	0.032013105
YGL02.2381.C1	9.578879939	0.35091963	-0.01052609	0.265447616	0.043073444	0.076809999	-0.12131922	0.000946529	0.01031763
YGL02.10156.C1	8.436998523	0.350827373	0.088919864	0.493636356	0.199228776	-0.070211863	-0.501572348	0.002347878	0.019667838
YGL02.5812.C1	9.684329826	0.350759979	0.148039322	0.415009973	-0.040363236	0.010651047	-0.437828772	0.001291915	0.012836663
YGL02.15572.C1	7.10579461	0.350741285	-0.152476317	0.221336061	-0.006178661	0.129309944	0.085039259	0.008576181	0.049874111
YGL02.12891.C1	8.06056341	0.350692081	-0.001346578	0.181238623	-0.241873627	0.262605276	0.080567433	0.003902842	0.028265172
YGL02.4419.C1	10.88063793	0.350162247	0.293946513	0.386144535	-0.124471572	-0.094006055	-0.211918112	0.006150453	0.039321711
YGL02.8599.C1	9.434798424	0.349176419	0.267281868	0.217665373	-0.049351576	-0.21795878	-0.221315488	0.00199592	0.017528792
YGL02_GNYA1SO04IAQ4W	9.211145041	0.348785021	-0.064993743	0.166855314	-0.385589503	0.068770461	-0.249971267	0.008186901	0.048289036
YGL02.15921.C1	8.094737742	0.348155758	0.132538912	0.615353865	0.002297245	-0.337453009	-0.34928019	0.006719684	0.041882102
YGL02_GNYA1SO04JPZLG	10.30520469	0.348000106	0.139741478	0.21677278	-0.027093902	-0.195952293	-0.466632753	0.006062554	0.038944767
YGL02.2495.C1	9.752085767	0.347966493	-0.285526164	0.138778085	0.320908072	-0.128807525	-0.315049897	0.001280476	0.01275726
YGL02.4730.C1	10.09277227	0.347951913	0.07953948	0.26816463	-0.025443262	-0.006628595	-0.337456624	0.001506478	0.014344532
YGL02.18017.C1	9.374603147	0.347775166	0.116109862	0.016953041	-0.088309078	0.171513088	-0.044225187	0.007182516	0.043972086
YGL02_GNYA1SO04JJKQA	8.731597857	0.347545329	0.222305133	0.228684978	-0.248903742	-0.291666322	-0.159565883	0.008414232	0.049215404
YGL02_GNYA1SO04IL8AI	9.567370057	0.347312545	-0.118432596	0.116329479	-0.109456289	0.127631632	-0.050523545	0.001471695	0.014107727
YGL02.5228.C1	10.43485944	0.347186801	-0.146911652	-0.170043929	0.132171489	-0.010303363	0.084442728	0.000490958	0.006441767
YGL02.1769.C1	10.62038336	0.347179158	0.155071566	-0.078734333	-0.102143309	0.075241593	0.055506633	0.006112348	0.03916555
YGL02.1322.C1	8.999308106	0.347041064	-0.023707647	0.010858296	0.008009902	0.11721807	-0.084070919	0.00376651	0.027566114

YGL02.5980.C2	12.20322952	0.346873237	0.085668865	-0.181210031	-0.062084097	-0.039725402	-0.416109853	0.007136762	0.043769599
YGL02_GNYA1SO04JFPFQ	10.97141527	0.346638007	0.092475727	0.28524714	-0.237830297	0.013584427	-0.105154558	0.007540921	0.045553612
YGL02.4817.C2	9.360153856	0.346597946	-0.151586322	-0.152637947	-0.272511329	0.059001616	-0.270227119	0.002282927	0.019284432
YGL02.9386.C1	10.13824269	0.346343895	0.014957296	-0.070214688	0.005079157	0.002859446	-0.265507814	0.001915815	0.017028883
YGL02.16890.C1	8.05723641	0.346026196	0.057029453	-0.068819795	-0.080994082	0.055786828	0.073117961	0.002750787	0.022055659
YGL02_GNYA1SO04JTSBU	9.973199678	0.345748335	0.100332272	0.418758561	-0.235264951	-0.103022777	-0.508955458	0.004906527	0.033436011
YGL02_GNYA1SO04JLDE9	12.59174787	0.345627161	-0.059437875	0.131585209	0.12622771	-0.079235159	-0.254741967	0.001173481	0.01200057
YGL02_GNYA1SO04H9FXD	8.761525933	0.345364033	0.092822302	0.152537762	0.067200329	-0.202224307	0.022398617	0.004831007	0.033057063
YGL02_GNYA1SO04I7NNP	10.80297576	0.344728334	0.222391717	0.756051483	0.068604861	-0.283873358	-0.86587626	0.008364933	0.049008756
YGL02.216.C1	11.10927812	0.34459306	-0.004038279	0.181978898	0.20801905	0.111225578	-0.060950001	0.005065749	0.034216742
YGL02_GNYA1SO04JOBFM	7.945431821	0.344273242	-0.077400436	0.355218937	0.041625742	-0.158746276	-0.765571296	0.007172933	0.04392902
YGL02.9455.C1	9.911477764	0.343830891	0.241141602	0.24021555	0.093249179	-0.140839401	-0.208943211	0.001906335	0.016965587
YGL02.3727.C1	11.39424179	0.343821386	0.237846926	0.25196806	-0.03535376	-0.151796747	0.000211611	0.00105549	0.011133313
YGL02.15270.C1	6.171450313	0.343747923	-0.01696908	0.286947466	0.058360202	-0.067241111	-0.282076949	0.003621125	0.02680353
YGL02.15257.C1	8.876262268	0.343406038	0.313877887	0.48317798	0.019644397	-0.102312986	-0.323310081	0.002513334	0.020659593
YGL02.12680.C1	9.009473977	0.343383686	-0.459112584	-0.573503351	0.187352519	0.061286372	-0.078218704	0.00848889	0.049531079
YGL02.5842.C1	9.24548423	0.343336959	0.109676334	0.372074725	0.053575732	-0.080398392	-0.132290647	0.002545602	0.020849402
YGL02_GNYA1SO04IHF9O	10.89390776	0.343267418	0.41533346	0.728474275	0.183692034	0.019225487	-0.34860642	0.001216592	0.012314135
YGL02.4196.C2	9.759469734	0.34320154	0.072522288	0.404335975	-0.373845537	0.002453367	-0.042266452	0.004627621	0.032003569
YGL02.10953.C1	9.091815392	0.34250977	0.114653594	0.165321309	-0.289728363	-0.117810986	0.041578101	0.001551116	0.014665874
YGL02.18351.C1	7.821189525	0.342365965	0.212406858	0.107228244	-0.031821773	-0.122544657	0.118180432	0.00112906	0.011675381
YGL02.1103.C1	8.787086166	0.342362513	0.516127477	0.756734319	0.05981884	0.049720775	-0.068968516	0.001358138	0.013308803
YGL02.2515.C2	8.383450603	0.342294322	-0.082666488	-0.135324942	0.031008675	-0.118036855	-0.155151554	0.004074872	0.029189456
YGL02.16222.C1	9.120923051	0.342277233	0.238109148	0.308226469	-0.126011881	-0.231140499	-0.202116587	0.005316385	0.035443797
YGL02.2480.C2	9.500851123	0.341961371	0.046875268	0.365385837	0.029791601	0.127247396	-0.357102887	0.002604911	0.02118965
YGL02.9340.C3	9.071035605	0.341718089	0.135256273	-0.051917658	-0.279050145	-0.247334822	0.128951801	0.007122301	0.043695167
YGL02_GNYA1SO04IP8AK	10.91465755	0.34166036	0.22933393	0.185146411	0.033166537	-0.129620411	-0.167602625	0.004840948	0.033106538
YGL02_GNYA1SO04I78L0	10.65810916	0.341437935	-0.221368526	-0.218012406	-0.04462787	0.058964454	-0.339840009	0.005437973	0.036022591
YGL02_GNYA1SO04H1747	8.650684934	0.341421566	0.343478893	0.186921816	-0.213703815	-0.228921622	-0.159587358	0.004472282	0.031211423
YGL02.12755.C1	10.59779188	0.341235632	0.143373096	0.047321372	-0.273058247	-0.228158326	-0.217562836	0.00279566	0.022306335
YGL02.18135.C1	8.878475882	0.341226288	0.255754362	0.478854228	-0.121446705	-0.191688673	-0.316998782	0.000907731	0.010016115
YGL02_GNYA1SO04I105Y	9.575848133	0.341088438	0.11475799	0.189807447	-0.124877574	-0.042404482	-0.157102385	0.008160806	0.048181665
YGL02.13631.C1	8.760536248	0.340872002	0.149812985	0.137013947	0.113061957	-0.078545849	-0.182902601	0.003095357	0.02397524
YGL02.17337.C1	9.540622811	0.340659353	0.042407388	0.136326867	-0.056214267	-0.11451972	-0.272555989	0.001009744	0.010780743
YGL02.17728.C1	8.372401591	0.340537157	-0.078930996	0.115984064	-0.323652704	-0.090683796	0.013280738	0.00187345	0.016754678
YGL02.14474.C1	7.44855238	0.340203651	0.293203738	0.344883152	0.009443697	-0.07076453	-0.281649873	0.00079509	0.009113569
YGL02.4017.C1	9.988637741	0.340098231	-0.089064967	-0.113883161	-0.011815504	0.010323634	0.158847803	0.001507226	0.01434954
YGL02.12267.C1	8.97446186	0.340060818	-0.017979701	0.090893972	-0.123230297	0.081539778	-0.12244112	0.001526348	0.014493231
YGL02_GNYA1SO04JO280	14.95303576	0.33989864	-0.067198321	0.111212672	0.189681203	-0.106507958	-0.189334451	0.004182295	0.029754868
YGL02.5188.C1	10.79479963	0.339747166	-0.168076361	-0.055931382	-0.048885708	-0.08196974	-0.306801484	0.006795594	0.042190906
YGL02.1598.C1	8.285364188	0.33945942	0.340617612	0.327421972	0.065399376	-0.070018295	-0.33734668	0.006917399	0.042720624
YGL02.9783.C1	11.81667293	0.339383598	0.220930143	0.295510553	-0.072184647	-0.195047268	-0.41625822	0.001524331	0.014480299
YGL02.13983.C1	10.4009223	0.339378985	0.2705795	0.412216308	-0.193893234	-0.136476466	-0.124075726	0.000639851	0.007794123
YGL02.6155.C1	7.86911847	0.339029283	0.065414052	0.178797598	-0.153446964	-0.17147223	-0.234940298	0.002148062	0.0184438
YGL02.22727.C1	5.886425317	0.338887198	0.038716128	0.169721363	-0.120695921	-0.090691997	-0.398988135	0.000983933	0.010591619
YGL02.19033.C1	4.703727613	0.338205525	0.062061515	0.08336224	0.075218123	0.1063067	-0.024457445	0.005560955	0.036612516
YGL02.15785.C1	4.632122709	0.338151871	0.074527582	0.265250356	0.056994961	-0.162098703	-0.074270101	0.006376585	0.040351535
YGL02.18723.C1	7.173370997	0.338016879	0.049199249	0.066691611	0.167548747	-0.146595169	-0.35405794	0.007676175	0.046131797
YGL02.2.C13	12.00471794	0.337886117	-0.107520455	-0.201171601	0.167784277	0.028401306	0.080523401	0.002087913	0.018078373
YGL02.17101.C1	8.802935481	0.337743511	0.143633383	-0.023770229	-0.054371218	-0.09025838	-0.023816749	0.005927921	0.038323243
YGL02_GNYA1SO04I5K75	10.81180184	0.337493814	-0.00239209	-0.05004338	0.214664707	-0.209589566	-0.124843129	0.001933573	0.017142019
YGL02.7528.C2	10.99777649	0.337391774	0.179106752	0.495280426	-0.129386159	-0.136692144	-0.437837449	0.000661601	0.007980985
YGL02.8356.C1	9.429271627	0.336707091	0.201212061	0.266317426	0.088455423	-0.178467373	-0.186604139	0.000940148	0.01026882
YGL02_GNYA1SO04H28ZI	8.650148924	0.336578285	0.010859533	0.016785061	0.059097525	-0.083608111	-0.145192939	0.003098699	0.023995378
YGL02.5875.C2	9.120858356	0.336180236	-0.10087679	0.384606526	-0.012842265	-0.064733531	-0.432742667	0.001178932	0.012042048
YGL02.10024.C1	8.377378897	0.3360798	-0.061807111	-0.159827835	-0.145049932	0.076152194	-0.020275211	0.005548314	0.036555304
YGL02.16231.C1	8.411197347	0.335655474	0.055285522	0.354324422	0.336187102	-0.054669282	-0.216316188	0.001605839	0.015012461
YGL02.14058.C1	10.29633433	0.335257539	0.063059981	0.512189578	0.098792226	-0.191700666	-0.441768277	0.002526666	0.020734964
YGL02_GNYA1SO04I5GS1	10.69631615	0.335122833	0.027244544	0.438937345	-0.112185645	-0.040296775	-0.372569225	0.000648826	0.007873827
YGL02.8088.C1	10.28018762	0.334898651	-0.278881342	-0.584301326	0.102089215	0.058110885	0.358091267	0.002206787	0.01881207
YGL02_GNYA1SO04JKN61	9.256561774	0.334895892	-0.067928525	-0.376239219	0.065085896	0.00127127	0.111029535	0.005021786	0.034013824
YGL02.4943.C2	9.78604773	0.334796657	-0.08843283	-0.071602861	0.044302917	0.116756418	-0.280113997	0.001217085	0.01231519
YGL02_GNYA1SO04JQLW9	9.230344736	0.33458481	0.138491453	0.403617191	-0.318647837	-0.029297518	-0.058963667	0.006855706	0.042458103
YGL02.4065.C1	8.520923704	0.334342952	0.473394344	0.370675733	-0.335159372	-0.275627062	-0.315158124	0.002717104	0.021862747
YGL02.13229.C1	9.210547495	0.333843097	-0.001904748	0.454315581	-0.192744414	-0.016347005	-0.247862921	0.00699239	0.043069786
YGL02_GNYA1SO04IN3J4	8.515449754	0.333417474	0.091707637	-0.271516055	-0.268390509	-0.139546334	0.146204893	0.005248661	0.035122741
YGL02.18923.C1	8.360668228	0.333161923	0.023569911	0.002591968	-0.082810463	-0.196157804	-0.04153293	0.001377552	0.013446141
YGL02.7378.C1	9.019888239	0.333140838	0.353282561	0.328247334	-0.046659944	-0.37400491	-0.353310732	0.005984496	0.038571666
YGL02_GNYA1SO04JVCEM	10.19019883	0.332926094	0.120134441	0.318918935	-0.053236235	-0.002350899	-0.332164471	0.001195912	0.01215795
YGL02.465.C1	10.99138869	0.3327645	0.159390481	0.413809623	-0.108985185	-0.048664019	-0.247023304	0.004304212	0.030361122
YGL02_GNYA1SO04II5VW	12.28974432	0.332613158	-0.025726011	0.053795335	0.363904164	-0.042253897	-0.246478802	0.007843004	0.046856058
YGL02.7486.C1	9.543739765	0.331678071	0.01146249	-0.06051641	-0.040827673	-0.05120034	0.049653932	0.000925563	0.010154051
YGL02.9878.C1	9.898723557	0.331261277	0.494251252	0.591033665	0.08835395	-0.03254175	0.007264814	0.002323873	0.019527383
YGL02.11477.C1	10.52826235	0.330903641	-0.196742692	-0.144595523	-0.352675409	0.09062802	0.008694552	0.000582935	0.007286526
YGL02.11064.C1	10.47836986	0.330890873	0.171834878	0.367544694	0.019621422	-0.128711862	-0.167626634	0.00206601	0.0179391
YGL02.10710.C1	10.35603679	0.330539066	-0.004759599	0.17729976	0.081731376	0.129799422	-0.09336233	0.007918913	0.047152928
YGL02.2475.C1	9.668519131	0.330344898	0.077134127	0.07605192	-0.00404165	-0.12551817	-0.177808648	0.002411748	0.020060122
YGL02.10407.C1	7.709289044	0.329907982	-0.113367321	0.226601732	0.125342771	0.156252293	0.103935133	0.004723947	0.032510008
YGL02_GNYA1SO04H2A4F	9.134107333	0.329844135	0.363706134	0.289656826	0.371755142	-0.027401726	0.037204974	0.003365191	0.025433922
YGL02.231.C1	9.376819334	0.329760949	0.244595767	-0.042084869	-0.194249689	-0.194380712	-0.033957479	0.001534347	0.014548829
YGL02.639.C1	10.22232858	0.329284953	-0.018385528	0.113172965	-0.237896682	0.140279192	0.0508191	0.001978095	0.01742578
YGL02_GNYA1SO04IWE4G	8.123246783	0.329242432	0.043732312	0.584087304	-0.016768656	-0.06971684	-0.453073539	0.003745576	0.027459457
YGL02_GNYA1SO04IN7H2	10.76348395	0.329014781	0.144150911	0.133429882	0.26852925	-0.107910218	-0.236068645	0.003189859	0.024483151
YGL02.4231.C4	9.436526753	0.328850719	-0.043225954	0.355449397	-0.071081215	0.029734764	-0.314313266	0.003850881	0.028001609
YGL02.2738.C2	10.04198281	0.32880924	0.040802897	0.077059765	-0.076277358	-0.048976382	0.010324385	0.001588969	0.014902084
YGL02_GNYA1SO04ISKUO	9.039325382	0.328754184	0.074142793	0.270829275	-0.108886963	-0.080283332	-0.255298842	0.007175229	0.043941007
YGL02.13174.C1	8.452574626	0.328666843	-0.333506904	0.322036794	0.087790471	0.253660723	-0.279601568	0.004859478	0.033192243
YGL02_GNYA1SO04JO8P5	10.750651	0.328638381	0.231643643	0.605937895	0.157704982	-0.376927899	-0.746627145	0.00726677	0.044329701
YGL02_GNYA1SO04J0JP4	10.46711139	0.328579134	-0.123269941	-0.150245027	0.091881275	-0.038464601	0.036973407	0.00215834	0.018513633
YGL02.16745.C1	7.013987507	0.328532523	0.374396278	-0.12023767	0.0126837	-0.147918644	0.119869882	0.007817359	0.046770656

YGL02.23644.C1	12.71913848	0.328498902	-0.082844011	0.025473878	0.526801037	-0.13897367	-0.322647857	0.006217161	0.039627347
YGL02.6343.C1	10.62424919	0.327788145	0.08601689	0.092770839	-0.36954523	-0.065606019	0.004988944	0.004848339	0.033142466
YGL02.20546.C1	5.122795996	0.327752728	0.142101672	0.07044311	-0.053321896	-0.173217647	-0.049633335	0.000970401	0.010491712
YGL02.8124.C1	8.082579224	0.327719983	-0.049631878	0.067134748	0.105163658	-0.076914324	-0.079308733	0.002258996	0.019138508
YGL02_GNYA1SO04IL0SX	8.353638068	0.327602792	0.104486647	0.164475299	-0.281583611	-0.060974751	0.023123017	0.003052979	0.023733589
YGL02.3353.C1	10.39147758	0.327377659	0.057383342	-0.105634382	0.089988534	-0.056644707	-0.444723728	0.008040872	0.04768836
YGL02.7198.C1	12.95018147	0.327249594	0.12865153	0.213783622	0.081190988	-0.024069827	-0.04719086	0.003507616	0.02619391
YGL02.6477.C2	8.814704708	0.327132795	0.218721086	0.220655107	-0.168511644	-0.11846027	-0.189071218	0.004319816	0.030437282
YGL02.1526.C1	10.92814847	0.326971229	0.039827584	0.054730244	-0.093517245	-0.136520444	-0.379069431	0.006089368	0.039066628
YGL02_GNYA1SO04I3MK0	8.407141146	0.325784937	-0.111917403	-0.209287989	0.089050775	-0.023383791	0.093670401	0.007972421	0.04738004
YGL02.10290.C2	11.19279446	0.325671653	0.158001646	0.236261465	0.010855356	0.023490512	-0.289679827	0.00295007	0.023141829
YGL02.14090.C1	9.497008441	0.32565867	-0.076194359	0.141342397	-0.015386259	0.044113812	-0.028085696	0.00236834	0.019798265
YGL02.194.C1	12.52325716	0.324883625	0.060405218	0.328098619	-0.020245131	-0.038041359	-0.097411266	0.000929641	0.010184986
YGL02.15639.C1	9.243054986	0.32483079	-0.025387707	0.227510723	-0.021882442	-0.024364269	-0.147224603	0.008140848	0.048111632
YGL02.21386.C1	6.322004622	0.32304773	-0.000911535	0.100795031	-0.18131008	-0.023475094	-0.224870458	0.003506696	0.026188548
YGL02.2728.C1	9.881436973	0.323001453	-0.151686708	0.133032648	0.101253868	0.032487876	-0.104063463	0.002210618	0.018832325
YGL02.506.C1	10.03717387	0.322568459	0.244385105	0.729957965	-0.11191938	0.03615687	-0.337689884	0.005736478	0.037454991
YGL02_GNYA1SO04IXQ4J	8.589231861	0.322474507	0.200859507	0.529761847	0.119075564	-0.244036293	-0.68553977	0.007171247	0.04392285
YGL02.18784.C2	12.74984971	0.322239269	0.027519395	0.213432529	0.363160423	-0.047771544	-0.305428215	0.001391853	0.013541297
YGL02.8304.C1	11.31778377	0.322186156	0.119129436	0.492720493	-0.03148017	-0.101379567	-0.27504718	0.001949836	0.017244876
YGL02.1241.C2	9.945625073	0.322172976	-0.283090898	-0.094759506	-0.138849035	-0.165502629	-0.06185606	0.008511644	0.049625651
YGL02.10708.C1	7.1363662	0.321883391	0.303685596	-0.429237249	0.252262287	-0.050594354	0.236499183	0.00680123	0.042215615
YGL02.3019.C1	11.30388921	0.321612876	-0.742172092	0.222549307	-0.04293236	0.122862823	-0.39989998	0.00461217	0.031930504
YGL02.8605.C1	9.800717589	0.321561159	0.064560454	0.384970763	-0.102367759	-0.026060596	0.1935441	0.003500129	0.02616048
YGL02.7528.C1	11.35697337	0.321134709	0.157167302	0.535978956	0.224961894	-0.116019515	-0.435234827	0.00346241	0.025944599
YGL02.4566.C2	9.507499326	0.321073726	-0.788573285	-0.745884151	-0.058895724	0.016010655	-0.180623681	0.008308515	0.048759835
YGL02.874.C2	12.09076766	0.320983463	0.066826618	0.083658227	-0.161616463	-0.046625872	0.034736181	0.00090268	0.009975684
YGL02.13144.C1	9.501913893	0.320689491	-0.047207174	0.029855485	-0.131253781	-0.051609224	-0.07394345	0.004605014	0.031895786
YGL02.1509.C1	11.18615932	0.320654231	-0.035107003	0.044151713	-0.034914242	0.026862992	-0.056734171	0.002109318	0.01819936
YGL02.5329.C2	10.38189359	0.320581547	0.181032229	0.185950644	-0.151905167	-0.078178272	-0.039109961	0.002046	0.017825115
YGL02.10783.C1	10.30914538	0.320188594	0.08804468	-0.265220424	0.084040408	-0.149405342	-0.360082656	0.005256429	0.035167188
YGL02.2434.C1	9.611777465	0.319949954	0.315889031	0.162243473	0.187113705	-0.126092667	-0.107968019	0.004142565	0.029545252
YGL02.2922.C1	8.431695639	0.319516592	-0.066716037	0.13188582	-0.044709367	-0.123034427	0.026104388	0.007068577	0.043452672
YGL02.3306.C2	10.81637722	0.319233688	0.199868314	0.601332569	-0.051450351	-0.254678008	-0.255803007	0.005348506	0.035597461
YGL02.17665.C1	10.16299558	0.319210633	-0.160050947	-0.005779254	-0.002585181	0.128148602	0.244635184	0.002376501	0.019845985
YGL02.11788.C2	8.325537618	0.319131076	0.280077517	0.524390136	-0.212854652	-0.251749988	-0.338438346	0.00690623	0.042677991
YGL02.3300.C2	8.485373725	0.319126863	0.286178926	-0.16773401	-0.178364769	-0.184502979	0.263972237	0.007333881	0.044636066
YGL02_GNYA1SO04JKTWV	12.58554413	0.319063534	0.098257366	0.262680665	-0.129728924	0.003128949	-0.209714859	0.003564773	0.026513717
YGL02.1494.C1	10.04745348	0.318999025	0.118419236	-0.062125023	-0.071854846	-0.310475936	-0.122317013	0.002078628	0.018022084
YGL02.3821.C1	10.06420314	0.318236442	-0.267257781	0.078431276	-0.148375739	-0.071262407	-0.104522439	0.006799784	0.042208667
YGL02.16878.C1	5.311080359	0.318180709	-0.213217716	0.00454494	-0.072713661	-0.005204438	-0.161652744	0.005236506	0.035066506
YGL02.11945.C1	11.55614645	0.317827843	-0.02339141	0.14004971	-0.094995575	0.068578438	-0.023416551	0.003688529	0.027144198
YGL02.9393.C1	10.71316764	0.317761518	-0.135001982	0.123842905	0.024673286	0.147759318	0.000731399	0.006449756	0.040689301
YGL02.6729.C1	9.787368588	0.317576247	0.176584193	-0.018729637	0.237274096	-0.066463263	-0.126817853	0.007853244	0.046902085
YGL02_GNYA1SO04JSRP9	9.966734028	0.317278112	0.081976894	-0.037059084	0.213912353	-0.252228183	-0.033775185	0.002647899	0.021435088
YGL02.2920.C1	9.774299637	0.317226058	-0.006418182	0.031211908	-0.103756847	0.053119241	-0.101469179	0.005687435	0.037223814
YGL02.9923.C1	10.98676978	0.317014622	-0.107711683	-0.396847493	0.074934982	-0.100924076	-0.564548684	0.008086493	0.047866989
YGL02.6098.C1	9.208496242	0.316631108	-0.14714329	-0.429885362	0.093121288	-0.005008826	-0.102678671	0.003927881	0.028400446
YGL02.1901.C1	10.7140329	0.316398443	0.161030774	0.220708118	0.108409405	0.075121967	-0.013917886	0.002859733	0.022669515
YGL02_GNYA1SO04JNY3F	8.701658127	0.316284239	-0.059545865	0.500328361	-0.06924683	0.0843723	-0.021208938	0.00639123	0.040423241
YGL02.2187.C2	9.385569877	0.315256063	-0.139950854	-0.22933227	0.180843491	0.138461754	0.04903785	0.002966064	0.023225087
YGL02.2109.C1	8.993049778	0.315020482	0.040462064	-0.275520524	-0.137254444	0.004768733	-0.054609815	0.003606604	0.026732107
YGL02.761.C1	8.691404997	0.314786421	0.002615893	0.330165573	-0.099903576	-0.047302063	-0.471251395	0.004999961	0.033897913
YGL02.10547.C1	8.392625873	0.314674027	-0.226728038	-0.610935805	0.102514739	0.005744452	0.177454701	0.004657144	0.032161368
YGL02.8298.C1	11.00632381	0.314346563	-0.062164399	-0.161047971	-0.112463837	-0.085131689	0.006513726	0.000869478	0.009711531
YGL02.6994.C1	16.11935679	0.314108598	0.142498089	0.15472316	-0.130034916	-0.201244532	-0.272049832	0.000594203	0.007384646
YGL02.5228.C3	9.880849411	0.312463717	-0.024600201	-0.138487824	-0.040995812	-0.111724419	0.023166713	0.004128946	0.029478969
YGL02.19336.C1	6.443816106	0.312375864	0.069637932	0.186209369	-0.003102384	-0.170922734	-0.285076774	0.003973336	0.028639563
YGL02_GNYA1SO04INEW5	14.25340673	0.311832207	-0.28951724	0.058430342	0.167281973	0.031565096	-0.22859112	0.005303987	0.03537627
YGL02.4652.C1	9.057038528	0.311421244	-0.177597641	0.096647925	0.06202135	0.092380209	-0.071896224	0.001819974	0.016427045
YGL02.4227.C2	12.76464923	0.311049774	0.039269617	0.151514087	0.009736283	0.022184445	0.090825084	0.003049955	0.023719687
YGL02.11165.C2	9.032798157	0.310946703	-0.209739527	0.336906011	0.103724167	-0.262003132	-0.313200487	0.002517697	0.020683646
YGL02.16163.C1	7.859606661	0.310446991	0.066696291	0.074907708	0.068422642	-0.057424562	-0.348217208	0.004602846	0.031886722
YGL02.2402.C1	12.34199964	0.310279639	-0.034484228	0.061097528	-0.01692642	-0.02011981	-0.319518593	0.007347959	0.044704939
YGL02.12412.C2	10.87695254	0.309345793	0.119031692	-0.05051898	0.108416546	0.149798474	-0.113914147	0.002517635	0.020683646
YGL02.14588.C2	10.24755022	0.309313941	0.197524789	0.285382591	0.108514907	-0.305203283	-0.393559312	0.007065534	0.043443867
YGL02.18445.C1	10.2631191	0.307753965	0.028384577	-0.020208557	0.234967046	-0.168595538	-0.265199907	0.002617035	0.021249802
YGL02.12267.C2	8.436435036	0.307522093	0.043915612	-0.052778144	-0.050281446	0.029474574	-0.012242138	0.004235427	0.030016227
YGL02.3536.C3	13.0205629	0.30708432	0.106811262	-0.138741182	-0.119246911	0.02957034	-0.144336223	0.008056548	0.047755087
YGL02.12569.C1	7.949600528	0.306945508	-0.366386518	0.367145417	-0.118875696	-0.390395684	-0.351819499	0.004793043	0.032871975
YGL02.11581.C1	8.528666839	0.306597872	0.735877674	0.195236309	-0.213710165	-0.020949712	-0.121888029	0.006875407	0.042545522
YGL02.15011.C1	5.222170272	0.306431037	0.293507404	0.09864997	0.061754263	-0.175063262	-0.135811643	0.002993687	0.023389199
YGL02.3739.C1	9.794497741	0.306296366	0.022357334	-0.19729153	-0.003304816	-0.012413095	-0.433432251	0.00423091	0.029991988
YGL02.433.C1	8.678854134	0.306032691	0.223341148	0.097269428	-0.089254707	-0.016860122	-0.095025111	0.004229367	0.02998597
YGL02_GNYA1SO04IY8VP	9.021347591	0.305984981	-0.336346431	-0.002836264	0.090909088	-0.063163911	-0.165147163	0.008550179	0.049763123
YGL02_GNYA1SO04JI31M	16.09794981	0.30576943	0.210508914	0.289069819	0.047777113	-0.039952067	-0.23063195	0.006254971	0.039799777
YGL02.11665.C1	7.541795684	0.305752462	0.176699768	0.114398041	0.186262917	-0.239390652	-0.01768993	0.00270182	0.021769525
YGL02.16173.C1	8.095998291	0.305221208	0.177837972	0.295457328	0.096568256	-0.160363659	-0.160991245	0.005157085	0.034661921
YGL02_GNYA1SO04I80M5	10.86561401	0.304636046	0.268725899	0.135003933	-0.019565073	-0.18641699	-0.003954748	0.004386699	0.030786257
YGL02.21157.C1	8.821431178	0.30453119	0.058476387	0.381195933	-0.107313164	-0.068888597	-0.290213044	0.007814244	0.046757577
YGL02.9948.C1	10.73928909	0.304194299	-0.071476943	-0.003299645	-0.211669847	-0.028353922	-0.03758425	0.007473495	0.045262432
YGL02.2938.C1	9.306732192	0.303373509	0.331263484	-0.027605195	0.109067488	-0.109143911	-0.071356647	0.001734869	0.015877156
YGL02.3654.C2	11.51230973	0.302552761	-0.006050712	0.110743363	-0.191634435	-0.066638875	-0.170529484	0.007912129	0.04712397
YGL02.7889.C1	10.79637901	0.302485787	-0.038901996	0.143702714	-0.266558061	0.092540805	-0.010885118	0.008507763	0.049609403
YGL02.3686.C1	10.90201634	0.301465002	0.096505566	0.040234907	0.039460598	-0.172867809	-0.171204741	0.006505986	0.040918781
YGL02.15111.C1	9.674461718	0.301388359	0.039817248	0.201694552	0.288821345	-0.174148197	-0.072775644	0.007389394	0.044891647
YGL02.6815.C1	9.109411345	0.300864059	0.423117791	0.319506549	-0.092126199	-0.245398085	-0.11729336	0.008240987	0.048499811
YGL02.6816.C1	11.85366925	0.300826876	-0.122415688	-0.135001654	0.125748608	-0.003493638	-0.338350221	0.001854922	0.016642998
YGL02_GNYA1SO04H8JDN	11.15566215	0.30050616	0.006713788	0.295927283	-0.173833544	-0.019287379	-0.10337416	0.005093562	0.034337371
YGL02.8527.C2	11.64401918	0.300049143	0.08194535	0.146142948	0.264987686	-0.196804723	-0.171634423	0.00216928	0.018584087

YGL02.14669.C1	9.274598099	0.298463649	0.047662303	0.152166332	0.104028876	-0.052639084	0.036786364	0.004587324	0.031796199
YGL02.19720.C1	4.316860995	0.297969829	-0.027323112	0.104647827	-0.090906377	-0.084683855	-0.209697007	0.0064382	0.040630254
YGL02.15609.C1	5.628303129	0.297798054	-0.04494141	-0.023132358	-0.05931031	0.043215595	-0.206503248	0.007095608	0.043568788
YGL02_GNYA1SO04JC6MX	11.70575047	0.297775238	-0.11664341	-0.005019468	0.049727451	-0.176352144	-0.204688775	0.006715698	0.04186733
YGL02.7733.C1	8.82989819	0.297369256	0.135802304	0.147088468	0.047565098	-0.244675366	-0.057132924	0.002741809	0.022010928
YGL02.8774.C1	10.5410327	0.297164195	-0.043038197	-0.079925198	-0.146834205	-0.038971364	-0.014266888	0.00324363	0.024779833
YGL02.13211.C1	9.31957575	0.297089845	0.307667717	0.61166299	0.213214527	-0.078764486	-0.137095498	0.006375754	0.040351535
YGL02.16368.C1	9.840538594	0.296920481	0.334624775	0.04433746	0.077465225	-0.182719115	0.024717419	0.00107388	0.011262155
YGL02_GNYA1SO04J0KVQ	12.30348327	0.296817239	-0.001752794	0.079803347	-0.044039339	-0.080594321	-0.21432039	0.008127638	0.048046717
YGL02_GNYA1SO04JZI9I	8.679486229	0.296760639	0.23970677	0.270001734	0.151175151	-0.208897668	-0.266379189	0.005059839	0.03419109
YGL02_GNYA1SO04IP2O4	15.78346328	0.295845943	0.275510194	0.36486635	-0.340461228	-0.125468353	-0.370894996	0.003022436	0.023564047
YGL02.8745.C2	11.95878472	0.295807528	-0.10009919	0.185159514	0.040953632	0.133967815	-0.186602459	0.00331305	0.025154358
YGL02.18636.C1	6.751670029	0.295522055	0.168019564	0.027306124	-0.143487507	-0.185107163	-0.240030014	0.007236369	0.044208804
YGL02.1582.C1	7.815711666	0.295496912	-0.109400278	-0.190383657	-0.009518339	0.153988489	0.037737653	0.008384407	0.049087318
YGL02.5972.C1	9.464966154	0.295456044	0.221675617	0.388086261	-0.241004258	-0.079289457	-0.359673096	0.006365621	0.04030185
YGL02.22668.C1	6.657051187	0.295253398	0.192057355	0.177061229	0.009381972	-0.129215082	-0.105644798	0.004661078	0.032179957
YGL02.19639.C1	11.57758202	0.2946425	-0.105078537	0.066662735	-0.16569063	-0.013630052	-0.369679199	0.00386794	0.028086226
YGL02_GNYA1SO04I2ILL	15.68240067	0.294562282	0.14011673	0.272394489	-0.186820835	-0.05322389	-0.263507472	0.004731186	0.032547719
YGL02.2262.C1	11.06305311	0.294205662	0.193343148	0.346254288	-0.114143002	0.016893544	-0.067642356	0.003066676	0.023815762
YGL02_GNYA1SO04H5GEK	10.92850285	0.29299344	-0.075322591	0.156231348	0.17362958	0.090797288	-0.112862769	0.001570246	0.014788158
YGL02.978.C5	12.53398213	0.292612375	-0.017415454	0.143429293	-0.044334007	-0.053728916	-0.229593968	0.003819873	0.0278418
YGL02.5210.C1	8.936352234	0.292611944	0.343704535	0.745296062	-0.051752293	0.067801939	-0.433074033	0.005443656	0.036050782
YGL02.2432.C1	12.18861068	0.292377241	0.399030372	0.439609009	-0.099338029	-0.089803724	-0.24643009	0.003205707	0.02457857
YGL02.1905.C1	9.522309139	0.291987111	-0.197535694	-0.051701354	-0.199019589	-0.224154406	-0.288872563	0.002039108	0.017785212
YGL02.1312.C1	10.07550198	0.291929977	0.268341651	0.494213635	0.339621606	-0.208281443	-0.547903082	0.003420736	0.025717146
YGL02.2960.C1	8.24313352	0.291822789	0.05851596	0.380007703	-0.196920974	-0.301689472	-0.459607017	0.006852783	0.042447469
YGL02.2295.C2	9.838349447	0.291587617	0.052857604	-0.036216907	0.142578983	0.005498583	-0.228776476	0.007961054	0.047329938
YGL02.630.C2	11.34422493	0.291336202	0.395709475	0.57456829	0.227107592	-0.176450416	-0.225094407	0.00803949	0.04768235
YGL02.11884.C1	9.817839252	0.290884577	0.166978448	0.255598224	-0.324470763	-0.162137959	-0.145473726	0.006554848	0.041140597
YGL02_GNYA1SO04IOB8N	12.54470097	0.290493489	-0.104189751	-0.008044266	-0.299406276	-0.096801779	-0.356240236	0.00765002	0.046013044
YGL02.17817.C1	8.253039638	0.289826587	-0.102687459	0.202449908	-0.112775858	0.156637212	-0.108255759	0.00695065	0.042869785
YGL02.13661.C1	14.15992233	0.289816433	-0.114388531	-0.019728491	0.133397963	0.022693524	-0.125078757	0.006995006	0.043083852
YGL02.8227.C3	13.8424629	0.289666796	-0.101998542	-0.002776936	0.179970639	-0.17433344	-0.243128104	0.008338179	0.048891773
YGL02.4523.C1	12.80172868	0.289600726	-0.079676468	-0.039916906	0.074259386	-0.024259302	-0.154070344	0.003937949	0.028449416
YGL02.20284.C1	10.86352694	0.28949914	-0.07021813	0.191973433	0.148699659	-0.020364778	-0.109564619	0.00541413	0.035904484
YGL02.975.C1	9.872665635	0.289389051	-0.029246638	-0.006250553	-0.197659262	0.214561246	0.215164418	0.003125487	0.02413855
YGL02.6275.C1	9.236924981	0.289342153	0.160947084	0.297854961	-0.065091323	-0.1498517	-0.360695314	0.007533161	0.045523726
YGL02.14303.C1	8.568237435	0.288262224	0.042876467	0.077430626	0.101574704	0.075766601	0.217900631	0.003169797	0.024375187
YGL02.5618.C1	9.029237722	0.286999764	0.090837703	0.135029883	0.094865607	-0.100161942	-0.012326802	0.006785832	0.04215304
YGL02.874.C3	11.58865997	0.286816581	0.10254707	0.101975298	-0.13220432	-0.03836909	0.041725977	0.004062805	0.029124276
YGL02.159.C1	9.571293401	0.286626776	-0.152632583	-0.113675924	-0.007626632	0.195148241	-0.199921051	0.004578472	0.03174844
YGL02.15010.C1	10.89344238	0.286583806	0.123823536	0.153655237	-0.036201168	-0.024878603	-0.143256093	0.005112125	0.034427636
YGL02_GNYA1SO04IC85Y	8.705445446	0.285007629	0.009096091	0.244538213	0.063567774	0.100336941	-0.187709435	0.006598632	0.041346514
YGL02.4669.C2	10.03219816	0.284635029	-0.068865768	0.116257315	0.101271194	0.053389441	-0.283700281	0.007605003	0.045821022
YGL02.5783.C2	7.931864835	0.284058476	0.17802712	0.325973081	0.001887464	-0.008530403	-0.301543627	0.007576502	0.045700331
YGL02.7559.C1	8.594532976	0.28333566	0.106763215	0.150948358	0.227803437	-0.051354671	-0.060868452	0.006632498	0.041503911
YGL02.999.C1	10.37991617	0.282908449	0.153185993	0.18371848	0.004036169	-0.144390637	-0.264614888	0.004948942	0.033657748
YGL02.4086.C1	8.95002021	0.28275072	0.107414667	0.35651569	0.228517344	-0.141255922	-0.084012772	0.00780869	0.046732985
YGL02.4370.C3	9.796875883	0.282556922	0.201186316	0.23244003	-0.213330626	-0.125566525	-0.123065757	0.007740923	0.046417516
YGL02.18469.C1	12.28375382	0.282435461	-0.073427317	0.113823068	-0.01706513	-0.097583439	-0.270740914	0.004171255	0.029697536
YGL02.17588.C1	10.21663186	0.281741814	0.086262309	0.62833534	0.203214411	-0.134548516	-0.284212449	0.004374124	0.030717975
YGL02.384.C1	9.458725336	0.281313004	0.059792536	0.235392797	-0.17543084	-0.009017237	-0.07062647	0.003707101	0.027245259
YGL02.11517.C1	9.350635917	0.27987838	0.033598184	0.226175403	-0.256769533	0.101394729	-0.012644741	0.007918409	0.047152099
YGL02_GNYA1SO04JSHBN	8.737532798	0.278999464	0.10535282	0.382946738	-0.284963891	0.128748449	0.163705647	0.008539971	0.04973724
YGL02.15539.C1	7.853963751	0.278987849	0.478537578	0.37596122	-0.156771668	-0.291663549	-0.02216572	0.006057225	0.038921462
YGL02.13522.C1	10.74628038	0.277432354	0.151165963	-0.171117942	0.242887397	-0.166344541	-0.080042267	0.007639313	0.04597155
YGL02_GNYA1SO04H11JK	7.889391149	0.276013935	-0.057856653	-0.095355034	0.059864318	-0.045471814	0.007085223	0.005098989	0.034365977
YGL02_GNYA1SO04IWR0H	12.34244616	0.275975069	0.018189611	0.240657433	0.090404811	-0.070573816	-0.236199199	0.001838946	0.016545511
YGL02.16174.C1	10.04006814	0.275692149	0.036125804	0.152821477	0.076245755	-0.050181437	-0.041970928	0.004800556	0.032913039
YGL02.8042.C1	9.620343999	0.274960657	0.149785479	0.438159374	0.271089414	-0.089686402	-0.131067437	0.006789416	0.042166539
YGL02.3004.C1	10.70665634	0.271243649	-0.094793917	-0.207739706	-0.144960992	-0.265515187	-0.209134109	0.006284577	0.03992538
YGL02.1256.C1	9.718855401	0.26960488	0.459327342	0.428031968	-0.20551749	-0.178484794	-0.06150496	0.003013544	0.023513129
YGL02.9311.C1	10.36009858	0.26662045	-0.101800871	0.048506184	0.06206605	-0.164613814	-0.198311806	0.002640801	0.02139234
YGL02.8948.C1	7.811630165	0.266538131	-0.007903889	0.028792601	0.090190143	0.071678822	0.16904194	0.004262306	0.030149397
YGL02.8156.C1	10.46839477	0.264517766	0.155979774	0.031723056	0.032127504	0.038182177	0.083154266	0.005543121	0.036528527
YGL02.5003.C1	11.23467569	0.263596939	0.099797318	0.226955783	0.057547961	-0.030143216	0.022494151	0.006704125	0.04181934
YGL02_GNYA1SO04IHNZC	14.21490773	0.261779243	-0.016288456	-0.019779191	-0.113224044	-0.08462867	-0.18371792	0.005182249	0.034785917
YGL02.3793.C1	9.715272601	0.261446805	0.133247809	0.457757863	-0.026545412	-0.030403588	-0.231941475	0.005839456	0.037916003
YGL02_GNYA1SO04H47LW	12.81867531	0.261096475	-0.064022122	0.009097966	-0.266960386	-0.065613727	-0.239442186	0.003757364	0.027511615
YGL02.15625.C1	9.60022642	0.258590453	0.165082787	0.253541618	-0.055845887	-0.183821693	-0.32258259	0.006010016	0.03871289
YGL02.4749.C1	11.97464348	0.253055378	-0.114834765	-0.110135228	-0.297151084	0.041708637	0.020395981	0.005667233	0.037131005
YGL02.20962.C1	6.107970769	0.251351817	-0.043721492	-0.076439373	-0.107471494	-0.015829078	-0.077714525	0.005126908	0.034504027
YGL02.6270.C1	8.016799239	0.251224701	0.423438878	0.428889464	0.133725955	-0.048202423	-0.058153644	0.007735471	0.04639986
YGL02.7977.C1	10.32128537	0.250463245	0.080985811	-0.123554492	0.002442201	-0.110697634	0.248200947	0.007409367	0.044960259
YGL02.3498.C1	13.2485876	0.245936223	-0.139521796	-0.129751326	-0.027122025	-0.121799046	-0.069464542	0.003677956	0.027091445
YGL02.65.C2	11.50517894	0.24245272	0.206543195	0.260367564	-0.041100205	-0.049656778	-0.266302219	0.006093959	0.039088334
YGL02_GNYA1SO04IJHTN	10.76818832	0.240639828	0.131706963	0.295349584	-0.248141049	0.136337875	-0.075961468	0.007430533	0.045061077
YGL02.878.C1	8.127038286	0.236656134	-0.061696532	0.127661324	0.004822488	-0.012601829	0.196016605	0.008259434	0.048556424
YGL02.19312.C1	8.628606674	0.229027221	0.056356786	0.21213834	0.115369335	0.095811962	0.011037056	0.005746493	0.037504195
YGL02.11419.C1	9.754858704	-0.221039059	-0.011301511	-0.1068333	-0.037194236	-0.069668029	0.224121992	0.007586226	0.04574194
YGL02_GNYA1SO04JXFS4	10.33049524	-0.22812941	-0.24567805	-0.268133089	0.071191648	0.095325798	0.135374377	0.008609252	0.049998936
YGL02.6594.C1	7.639655577	-0.242415165	0.128379902	0.000699203	-0.030347016	0.08134292	0.014697376	0.006384268	0.040390285
YGL02.20437.C1	6.090424636	-0.243802908	-0.050037672	-0.272096395	-0.096233783	-0.140476	-0.022491906	0.007020153	0.043216126
YGL02.15212.C1	9.743704658	-0.2440046	-0.237918774	-0.496460331	0.047317842	0.0808537	0.159792646	0.00817725	0.048246973
YGL02.3847.C1	12.27111183	-0.251099456	-0.066211417	0.087082654	0.09778416	0.040343079	0.03985272	0.005725069	0.037406734
YGL02.19206.C1	7.324957882	-0.25315384	-0.166499995	-0.135742202	0.338432094	0.210625493	0.13775844	0.007349782	0.04471082
YGL02_GNYA1SO04JX7UB	14.23425967	-0.253443617	-0.129449293	-0.225848023	-0.055794801	0.224129471	0.182221182	0.005262237	0.035186046
YGL02.4716.C1	10.78219592	-0.254470339	-0.214991969	-0.198555297	0.074977806	0.205364234	0.412231479	0.008119706	0.048012975
YGL02.10592.C1	8.796671762	-0.256102789	0.384401908	0.381933388	-0.161217707	0.04492134	0.239152289	0.00653458	0.04104447
YGL02.2736.C1	10.05932654	-0.257235343	0.050762277	0.194903075	0.354400166	0.137504063	0.023985472	0.005556352	0.036591509

YGL02.13471.C1	9.685443712	-0.257376702	-0.152852839	-0.28650346	0.113743174	0.084638473	0.305762642	0.008397258	0.049149225
YGL02_GNYA1SO04IN7GA	9.553302886	-0.259636431	0.09801925	-0.07642331	-0.376188807	-0.058763721	0.127259034	0.008596084	0.049951723
YGL02.9465.C1	8.744478486	-0.261489066	-0.124541529	-0.265304009	-0.381908406	0.05378675	0.026837348	0.003964663	0.028598932
YGL02.6113.C1	12.86676311	-0.261811948	0.093101512	0.127396936	-0.131791979	-0.004636144	-0.201799528	0.006727963	0.041921596
YGL02.18444.C1	5.536446292	-0.265475591	-0.063901607	-0.273203437	-0.466633096	0.185486761	0.188134723	0.004329683	0.030487206
YGL02.15792.C1	10.55649983	-0.26727179	-0.295662591	-0.095879982	0.023556252	0.22991025	0.437345141	0.004605139	0.031895786
YGL02.9802.C2	8.616141897	-0.268199305	0.023335319	-0.285938252	-0.111068372	0.327398771	0.243232352	0.00693128	0.042786996
YGL02_GNYA1SO04I5FKU	9.611136346	-0.268951525	-0.163802636	0.04862917	0.081517724	-0.04369289	0.209677689	0.008092388	0.047890803
YGL02.16655.C1	10.98515311	-0.269136766	0.034110942	0.031965496	0.313025157	0.073556643	0.127451937	0.003962615	0.028589106
YGL02.1446.C1	15.0529767	-0.272045974	-0.017639412	-0.128343052	-0.040106819	0.090226708	0.159642996	0.003450641	0.025884819
YGL02.12718.C1	12.22587193	-0.27337922	0.197175194	0.093114741	-0.034066705	0.026178843	0.117398207	0.004239029	0.030029815
YGL02.5521.C1	8.722668496	-0.273607532	0.329162263	0.188132121	-0.228282498	-0.119843886	0.062189574	0.003932791	0.028421668
YGL02.15077.C1	10.25506908	-0.275907081	-0.03648643	-0.17904941	-0.495197658	0.095287418	0.190446548	0.008451338	0.049369806
YGL02.21463.C1	9.396026415	-0.276946347	0.018385575	-0.083276285	0.060308632	0.076356263	0.301080321	0.004037693	0.029004961
YGL02_GNYA1SO04I7YRW	13.04878441	-0.278116946	-0.063361318	-0.244325099	0.30919647	0.112752628	0.380503543	0.003854495	0.028013729
YGL02.4499.C1	9.081844141	-0.28112216	-0.07014794	-0.24861306	-0.072283683	0.087531523	0.258653176	0.003021757	0.023561591
YGL02.8026.C1	8.795604521	-0.281942869	-0.115746094	-0.173359696	0.013514715	0.170098392	0.331399871	0.008259601	0.048556424
YGL02_GNYA1SO04JVX6U	9.341567535	-0.28590178	0.174641415	-0.192227634	0.035444244	-0.03703154	0.429037838	0.008085813	0.047866989
YGL02.5385.C1	9.999671612	-0.286206204	-0.097065663	-0.160587626	0.134849763	0.071930888	-0.18906608	0.008435646	0.049302599
YGL02.19991.C1	10.43847268	-0.286344646	-0.120006273	-0.234933178	-0.02439926	0.061948917	0.205827828	0.004015824	0.028879905
YGL02.5899.C1	12.03989441	-0.286584329	-0.376505857	-0.859361737	-0.071634912	-0.01458352	0.139133337	0.003635745	0.026873349
YGL02.13073.C1	10.2045638	-0.287789845	-0.043727273	-0.143948651	-0.03301878	0.094784723	0.239206972	0.003602738	0.026716299
YGL02.2273.C1	8.01982755	-0.287956968	0.029054181	0.014835169	-0.481207804	0.134683005	0.29144816	0.003164511	0.024353036
YGL02.1296.C1	12.61164109	-0.288205094	-0.068468277	-0.232463313	-0.058688385	0.117329154	0.327177153	0.005163742	0.034688664
YGL02.2104.C1	10.15778748	-0.289082889	-0.187335237	-0.212674577	-0.007942461	0.224923404	0.495520375	0.004442776	0.031067
YGL02.1055.C6	13.40018342	-0.289114184	0.06880692	0.002312896	0.085945895	0.084902364	0.280849938	0.005907673	0.038236245
YGL02.1039.C2	10.37635864	-0.289730194	0.11410094	-0.044707427	-0.111864233	0.152099564	0.276854266	0.003851278	0.028002728
YGL02.2130.C2	8.560630495	-0.289965346	-0.438089314	-0.780300047	-0.174542599	0.071234603	0.404220686	0.008073422	0.047817895
YGL02_GNYA1SO04JN76D	9.738969244	-0.29023219	-0.052586555	-0.086445998	-0.357380035	0.378077597	0.305486369	0.007298161	0.044477197
YGL02_GNYA1SO04IG797	13.70988864	-0.290717332	0.053189604	-0.216281059	0.078843489	0.035578668	0.127379859	0.002316246	0.019473813
YGL02.13858.C1	9.110931299	-0.290814333	-0.075939021	-0.058304894	-0.068931229	0.108678821	-0.082764738	0.007993424	0.047478217
YGL02.5032.C1	10.24567048	-0.291257682	0.215383537	-0.064789434	-0.104573793	0.002526729	0.206405531	0.008355666	0.048978841
YGL02.20729.C1	10.30931118	-0.29193015	-0.047402422	0.054363445	-0.062528825	0.132258414	0.163783366	0.007253066	0.04427321
YGL02.17151.C1	10.13037258	-0.292114583	0.078493835	0.011305477	-0.159784146	0.031057629	0.091142973	0.008590116	0.049923763
YGL02.14214.C1	9.83228657	-0.292911301	-0.058184812	-0.1349397	0.016518031	0.205560511	0.151626359	0.00424023	0.030033863
YGL02_GNYA1SO04JLBN1	9.226186449	-0.293118851	-0.307166933	-0.279661814	0.026666152	0.339222021	0.432131415	0.008416614	0.049218022
YGL02.3935.C1	9.551776892	-0.294347252	0.146896327	-0.148094638	0.155476877	0.047822966	0.297379454	0.008331446	0.048870051
YGL02.1767.C1	9.157266785	-0.294687452	-0.086016738	-0.451599615	-0.318366686	0.028393444	0.19500422	0.002196871	0.018751987
YGL02_GNYA1SO04IE3YC	10.59331966	-0.295486686	0.198437959	-0.097467286	-0.365065741	-0.039143641	0.154518333	0.004823453	0.033023703
YGL02.3714.C1	8.202246036	-0.295541045	0.207393211	-0.13683915	0.375946295	-0.071233598	0.019895524	0.007872897	0.046969637
YGL02.448.C1	9.633369371	-0.296235811	-0.363142644	-0.387098957	-0.159127043	0.146894063	0.410077309	0.008237711	0.048487141
YGL02.11369.C1	10.48006864	-0.296888485	0.304911157	0.046324118	-0.257440437	-0.008963014	0.219391639	0.006665441	0.04164401
YGL02.1245.C1	12.13077695	-0.297742091	-0.184612235	-0.111139672	0.005976093	-0.004088362	0.01648147	0.004099291	0.02932221
YGL02_GNYA1SO04H46TC	10.44022486	-0.298685808	-0.036279125	0.033558446	-0.072741898	0.061714254	0.117772969	0.006636388	0.041516797
YGL02_GNYA1SO04I3XQR	16.22145455	-0.299319378	-0.030998211	-0.143416476	-0.236938334	0.103646673	0.334758861	0.002431916	0.020173457
YGL02.5912.C1	9.859014653	-0.29956466	0.04245845	-0.016631649	0.589349145	-0.039197253	0.176299914	0.006755207	0.042026645
YGL02.907.C1	9.063644898	-0.30046907	-0.054919688	-0.182270383	0.239845431	0.245292211	0.110473299	0.005149095	0.034620796
YGL02.17659.C1	9.784809045	-0.300567016	-0.149307895	-0.143383826	-0.044272669	0.095481544	0.195101864	0.001924647	0.01709097
YGL02.150.C1	9.557893903	-0.301354295	-0.098391505	-0.161963338	-0.004850411	0.180092007	0.244385387	0.004933917	0.033583781
YGL02.5435.C1	8.101030212	-0.301709467	0.454426092	0.246280313	-0.232991204	-0.221609258	-0.071043961	0.008595636	0.049951358
YGL02.12960.C1	10.79004046	-0.301799229	-0.015815621	-0.302648241	-0.146722922	0.115104347	0.313460516	0.007122159	0.043695167
YGL02.14462.C1	7.823685575	-0.301913904	0.029408023	0.085419391	-0.125833724	0.100301776	-0.084733806	0.005471976	0.036184903
YGL02.966.C1	10.21407448	-0.302518421	-0.181191403	-0.482601094	-0.060791633	0.175817715	0.157369325	0.00317491	0.024403131
YGL02.7548.C1	12.39340603	-0.303843273	-0.079010206	-0.242565231	-0.312201341	0.116463236	0.372609272	0.000999115	0.010700791
YGL02.22225.C1	6.440866964	-0.304250871	0.082470357	-0.037723519	-0.03455532	-0.029048449	0.067014574	0.002423846	0.020124563
YGL02_GNYA1SO04JBBTQ	10.69262338	-0.30432984	0.079139236	-0.181042022	0.054042775	-0.039106542	0.241604595	0.001133964	0.011707391
YGL02.3129.C3	10.04799331	-0.304330141	0.051624171	-0.203510609	-0.232391161	0.088668434	0.311995499	0.0034662	0.025966984
YGL02.12433.C1	9.641925378	-0.304554723	-0.017329963	-0.160059233	0.060616449	0.146549415	0.329018849	0.003365109	0.025433922
YGL02_GNYA1SO04JJ89L	10.16279521	-0.304882157	0.255856251	-0.011285431	0.169011587	0.060744946	0.294128871	0.005565319	0.036637351
YGL02.16115.C1	4.822611462	-0.305276131	0.039123643	0.041670149	0.043220414	-0.081039357	-0.059289724	0.003317992	0.025187054
YGL02.503.C1	8.383377652	-0.305645806	-0.184929334	-0.082347067	-0.067621646	-0.033689068	0.023489371	0.00720784	0.044084058
YGL02.18305.C1	9.679963957	-0.306754501	-0.191956427	0.102113391	-0.137499566	0.009859159	0.046475755	0.003200544	0.024549156
YGL02.12987.C1	9.473680867	-0.30704794	0.030973379	-0.068611399	-0.228442775	-0.033896934	0.285174232	0.002095583	0.018122972
YGL02.940.C1	9.360245713	-0.307129187	-0.046494986	-0.223390102	0.056666232	0.18902962	0.166506347	0.004994358	0.033869959
YGL02.535.C2	11.88704562	-0.307207547	-0.143698937	-0.421115126	-0.104803142	-0.05033382	0.233850038	0.003130875	0.024166725
YGL02_GNYA1SO04ISQFJ	7.978816094	-0.307344127	0.09846773	-0.158747199	-0.480276023	-0.047088319	0.264358363	0.005720754	0.037392751
YGL02.3294.C3	14.75898206	-0.307824832	-0.133730982	-0.25722916	-0.06281335	0.065960354	0.256627419	0.002094216	0.018115989
YGL02.10669.C1	10.10963758	-0.307912195	-0.175225579	-0.267003754	-0.163481224	-0.074458057	0.066216488	0.003720491	0.027318362
YGL02.2661.C6	9.944558064	-0.307956299	0.045188568	0.161501114	0.467265615	0.087554027	0.001573836	0.00168323	0.015530788
YGL02_GNYA1SO04ISFOD	11.58290101	-0.308174234	-0.153234004	-0.255486974	0.134313463	0.043621399	0.153922094	0.007717799	0.046317456
YGL02.18036.C1	10.07666805	-0.308538362	-0.170962542	-0.2636279	0.048726657	0.255877091	0.262369785	0.004141926	0.02954395
YGL02.2417.C2	15.14197246	-0.308581542	0.001844416	-0.08737272	-0.005221963	0.141073012	0.099189437	0.002091343	0.018099602
YGL02_GNYA1SO04H0SC7	9.847916045	-0.308709557	0.065163219	0.465456544	-0.142127092	-0.125810144	0.062345691	0.006466613	0.040757786
YGL02.12350.C1	9.269288636	-0.308906566	-0.179996517	-0.275471024	-0.041477986	-0.072639051	-0.095565698	0.006851188	0.042440275
YGL02_GNYA1SO04IBXG2	7.994321668	-0.30903284	-0.008560914	-0.217399831	-0.190122257	-0.010420564	0.34714452	0.005804659	0.037751727
YGL02.15098.C1	9.498756984	-0.309458891	-0.108623306	-0.251759843	0.191341709	0.222928305	0.282095087	0.005965524	0.038487001
YGL02_GNYA1SO04I56NS	9.456008533	-0.310619424	0.046112992	0.053143596	0.077967729	-0.074295751	-0.078528124	0.005279423	0.035258553
YGL02_GNYA1SO04JR55K	10.21391298	-0.310651983	-0.102647688	-0.330929078	-0.491313878	0.101434288	0.137072522	0.007036875	0.043294372
YGL02.3333.C1	12.75806004	-0.312547622	-9.898319458	-0.389042369	-0.078432224	0.328485927	0.523756282	0.003961209	0.028580784
YGL02.7369.C1	9.554066897	-0.315349902	-0.512350836	-0.561065586	-0.007843923	0.176135312	0.231835018	0.006319826	0.040076572
YGL02_GNYA1SO04H7IYE	10.25304891	-0.316039745	-0.15308381	-0.290154852	-0.200973422	0.151912958	0.428289826	0.00165599	0.015338469
YGL02.14654.C1	8.44852213	-0.316690056	-0.01093596	-0.132032902	-0.193874968	0.262731301	0.399473911	0.00354012	0.026384161
YGL02.21278.C1	8.495714362	-0.316700772	-0.00579435	-0.287828631	-0.360879801	-0.062163898	0.335435576	0.002900003	0.022882238
YGL02.7070.C2	8.799489069	-0.316733195	0.014446336	0.023569979	-0.074292498	0.20679855	0.518449689	0.005030957	0.034051009
YGL02_GNYA1SO04JJBGJ	9.589165255	-0.317280927	-0.199669624	-0.373333028	0.015115838	0.167460927	0.347473888	0.005094931	0.034343993
YGL02.5992.C1	10.30923402	-0.317407079	0.175878809	-0.187331367	-0.158283534	0.070768638	0.159789449	0.001753609	0.01600568
YGL02.660.C3	10.18913727	-0.31743551	-0.041143731	0.063806342	0.050470445	0.073795876	0.192417332	0.006864864	0.042502627
YGL02.17919.C1	8.783567389	-0.318823488	-0.19115166	-0.014204367	-0.01816352	0.277434076	0.171732552	0.007971424	0.047378465
YGL02.5139.C1	9.097126735	-0.319754706	0.654735691	0.294339404	-0.291679207	0.036166067	0.359196121	0.003075689	0.023861044
YGL02.8222.C2	8.092905176	-0.320432691	0.013051261	-0.073943561	-0.034990425	0.276246709	-0.049271748	0.007024108	0.043232257

YGL02.2012.C1	11.53757848	-0.320622059	-0.129822459	-0.162648652	-0.034826023	0.210759584	0.211880693	0.005514608	0.036381362
YGL02.6998.C1	9.794018558	-0.320683111	-0.027192071	-0.247636062	-0.086076658	0.038865163	0.262605406	0.005505455	0.036342068
YGL02.9366.C1	9.783433229	-0.320898856	0.302822516	-0.188143995	0.021574231	0.139219499	0.339210639	0.006940236	0.042823439
YGL02.5555.C1	12.43207768	-0.320984052	-0.102124047	-0.168035916	-0.04132413	0.019022503	0.054072462	0.003668196	0.027049907
YGL02.9479.C1	9.045091369	-0.321237268	-0.076328439	-0.086787328	-0.073503894	-0.153622333	-0.143109642	0.004867716	0.033225732
YGL02.3768.C3	11.07490158	-0.321273151	-0.186185884	-0.345588603	0.208531331	0.158007064	0.000809617	0.006793756	0.042185404
YGL02.7441.C1	9.442799654	-0.321806704	-0.075514043	-0.364692297	-0.189223695	-0.014893023	0.35080493	0.00424529	0.030063152
YGL02.8783.C1	10.12742326	-0.322882337	0.020052706	-0.015470592	-0.462024185	-0.07627277	0.196900339	0.001758464	0.016028526
YGL02.12157.C1	10.50307945	-0.323227227	-0.560492233	-0.261873433	0.17569825	0.225103972	0.002749329	0.007180054	0.043966393
YGL02_GNYA1SO04H1V4B	12.79268584	-0.323498012	0.1081395	-0.094192324	-0.042679309	-0.014948111	0.321777681	0.002958621	0.023187977
YGL02_GNYA1SO04IMOCF	7.605449066	-0.323550287	0.074200984	-0.151987356	-0.155402209	0.236796578	0.390818091	0.005260514	0.035180337
YGL02_GNYA1SO04I8QCQ	12.03535778	-0.324247135	-0.375409518	-0.505456157	0.126039058	0.129663993	0.398799787	0.007892237	0.04704384
YGL02.2540.C2	8.931238527	-0.324591604	-0.109129477	-0.345537514	-0.017468019	0.081384379	0.212459883	0.001909887	0.016985522
YGL02.6438.C1	9.324430258	-0.32475142	-0.063971907	-0.179328588	-0.020422792	0.137343246	0.437240196	0.007436226	0.045083101
YGL02.17251.C1	8.302532635	-0.325014073	0.028123004	-0.088530602	0.331225007	0.03244375	-0.134719298	0.006185816	0.039481969
YGL02.7780.C1	9.699980811	-0.325056151	-0.129236675	-0.494915078	0.040747617	0.311240966	0.500424756	0.005689821	0.037235668
YGL02.7261.C2	10.21661937	-0.325177558	0.092659885	-0.229434531	-0.061866293	-0.081939567	0.150111636	0.000890057	0.009872633
YGL02.6609.C1	12.47876319	-0.325335387	-0.29210707	-0.16104426	-0.093516511	0.19201645	0.32981745	0.005173535	0.034738228
YGL02_GNYA1SO04JGZHO	9.547673555	-0.326969636	-0.288291995	-0.429615936	0.313279661	0.404219761	0.54857662	0.007377123	0.044833927
YGL02_GNYA1SO04JHH7B	8.707933955	-0.32737923	-0.146318583	-0.344795419	0.177808496	0.018791066	0.259676983	0.00830102	0.048735726
YGL02.9630.C1	9.912381247	-0.328997278	0.043059997	-0.123834049	0.051490183	0.127847905	0.284732075	0.003506487	0.026188497
YGL02.8087.C1	9.595977183	-0.329463333	0.147904516	0.225358238	-0.149665886	0.077843817	0.270807841	0.004093589	0.029291127
YGL02.745.C2	12.47140319	-0.329498796	0.084804223	-0.081015379	-0.048986339	0.006755609	0.064623128	0.002642747	0.021402749
YGL02.15044.C1	8.623344898	-0.32953677	0.012609808	-0.029249568	0.077264077	0.036322792	0.175270714	0.003692312	0.027164321
YGL02.12103.C2	9.945801655	-0.329993644	0.032985478	0.224717793	-0.119899081	0.216055386	0.249224566	0.00621492	0.03961891
YGL02_GNYA1SO04JDGQ5	9.082238742	-0.330052276	-0.131379745	-0.124749827	-0.013791301	0.15644289	-0.087971516	0.002077948	0.01801739
YGL02_GNYA1SO04IE8F6	12.67187793	-0.330183736	0.094726406	-0.021804232	-0.146143389	-0.038007662	0.140184948	0.004683078	0.032295687
YGL02.11973.C1	9.950636174	-0.330368877	-0.087876971	-0.175633855	-0.128817501	0.158847205	0.294910951	0.005392249	0.035796613
YGL02_GNYA1SO04JFXHL	10.44359931	-0.330701499	-0.104201765	-0.030946997	-0.300657693	0.180868388	0.168561309	0.006346414	0.040207767
YGL02.7334.C1	9.938291275	-0.330862348	0.093135424	-0.133895473	0.162821733	-0.140559818	0.133966271	0.003300815	0.025086932
YGL02_GNYA1SO04ILOEP	7.727001424	-0.330999408	0.206005278	0.067410347	0.213313419	0.069770883	0.134140747	0.007910194	0.047118344
YGL02_GNYA1SO04JNUKM	11.24592316	-0.331182195	0.122720891	-0.174137175	-0.306621486	0.049697554	0.064692988	0.006639899	0.041526727
YGL02_GNYA1SO04H7NMZ	10.75728604	-0.331649876	-0.097878394	0.021285599	-0.338205796	0.099377561	0.028999209	0.006516909	0.040975212
YGL02.6813.C1	8.743435657	-0.332262704	0.110250264	-0.410668316	-0.220257036	-0.096408689	0.454947312	0.008159257	0.04817865
YGL02.4568.C1	8.527222711	-0.332577123	-0.261102763	-0.257834399	-0.274182909	0.249944188	0.280419951	0.00832393	0.048833799
YGL02.12637.C1	9.784933375	-0.332782227	-0.059369083	0.010496457	0.054341807	0.174837113	-0.01984123	0.003342008	0.02530745
YGL02.15178.C1	8.871126866	-0.332786093	0.010413128	-0.180052394	0.046087961	0.008451881	0.027693437	0.002818619	0.022443895
YGL02_GNYA1SO04IKJ1D	9.067806037	-0.33287478	-0.182651086	-0.710292555	-0.126561579	0.077577375	0.546359839	0.008319347	0.048810131
YGL02.14943.C2	9.194110723	-0.333218868	-0.298798827	0.398061767	0.002955407	0.072209915	-0.27062506	0.00635865	0.040268984
YGL02.13366.C1	9.724368603	-0.33324112	0.093048869	0.03049002	-0.072649391	0.01814308	0.113185642	0.005894751	0.038178703
YGL02.10326.C1	11.34869853	-0.333993701	0.125337604	0.204682683	-0.133799856	-0.07841616	0.06167225	0.000932151	0.010202126
YGL02.16132.C1	10.8122882	-0.334137528	-0.033766046	-0.088581707	0.094817052	-0.036391492	0.395969924	0.003031772	0.023614088
YGL02.9204.C1	8.090950724	-0.33440355	0.148688885	-0.278723745	-0.116942667	-0.122279118	-0.292976496	0.006528951	0.04101707
YGL02.543.C1	8.856204949	-0.334556548	0.271346696	0.007716319	-0.01358934	0.066884243	-0.328475857	0.00646728	0.040758158
YGL02.4706.C1	11.65304002	-0.334656684	0.144272101	-0.142924141	0.131798653	0.058008414	0.345327467	0.002287571	0.019312565
YGL02.3229.C1	12.66357169	-0.334681829	0.020309788	-0.401114267	0.170388315	0.209957458	0.091183383	0.004576865	0.031740694
YGL02.4898.C2	14.40821119	-0.33498024	0.149468125	0.061326275	-0.421343949	0.016678877	0.086967491	0.005898597	0.038192773
YGL02.4009.C1	7.800019327	-0.335196644	-0.269105276	-0.453466986	0.525997926	0.217636221	0.355356032	0.001225072	0.012367986
YGL02.387.C1	10.95807706	-0.335343311	-0.184736879	-0.38605699	-0.088706505	0.239191338	0.213956666	0.001903426	0.016945519
YGL02.6265.C1	10.07387207	-0.335429494	-0.074563973	-0.209602295	-0.169098574	-0.300170302	0.210767562	0.005952163	0.038433913
YGL02_GNYA1SO04H7TJQ	11.73744412	-0.335495288	-0.091179453	-0.465065217	-0.304127194	0.206604948	0.459923808	0.001476137	0.01413775
YGL02.2675.C1	9.614603166	-0.335571603	-0.074701649	-0.361216755	-0.171976388	0.290661273	0.71960575	0.002474464	0.020434774
YGL02.4139.C1	8.401388693	-0.336080733	-0.156658607	-0.211697309	-0.031784344	0.039187107	0.378850346	0.008467645	0.049433843
YGL02.5472.C2	9.061294868	-0.33609984	-0.186079049	-0.314873342	-0.046004214	0.092823313	0.418048101	0.007464108	0.045230964
YGL02_GNYA1SO04JSRVA	9.065867181	-0.336122305	-0.525981272	-0.512671812	-0.162739287	0.23828554	0.394706841	0.004503418	0.031370507
YGL02.18101.C2	9.663823676	-0.336307845	-0.160887713	-0.548109628	0.042766809	0.153044195	0.00211936	0.002215888	0.018861225
YGL02.8520.C1	9.699800429	-0.336309365	0.066177731	0.041734537	-0.346215918	-0.051751668	0.360528797	0.003630234	0.026846405
YGL02_GNYA1SO04JIMLI	9.87406093	-0.336768628	0.522503527	-0.458540061	-0.394984711	0.05339146	0.025962752	0.00774955	0.046458488
YGL02.3441.C1	11.1256945	-0.336872261	-0.100054928	-0.221684825	-0.099243036	-0.006567002	0.291757977	0.002346041	0.019658495
YGL02.9405.C1	11.25735572	-0.337232844	-0.061662758	0.028270195	0.038221992	0.207036555	0.344327001	0.004825503	0.033029866
YGL02.3380.C1	16.26544288	-0.337257308	-0.025487798	-0.224834707	0.092352675	0.057842405	0.141230918	0.001291212	0.0128328
YGL02.3843.C1	10.71499093	-0.337813929	0.137796659	-0.009326286	-0.290692355	0.054991301	0.278471471	0.003407036	0.025648066
YGL02.13425.C1	8.509848723	-0.337892038	-0.119788079	-0.31889264	0.002613405	0.174262377	0.365139015	0.00423029	0.029989232
YGL02.8559.C1	11.9194657	-0.338805267	-0.239079404	-0.478965387	-0.144802119	0.027171829	0.007108948	0.005106631	0.034397793
YGL02_GNYA1SO04JQJV3	8.441292039	-0.338826035	-0.130286725	-0.079406341	0.010473513	0.125127335	0.437324039	0.007822309	0.046784223
YGL02.451.C1	9.431448573	-0.339132628	0.08849484	0.126859931	-0.22796654	0.084287819	0.153975607	0.007170434	0.043922028
YGL02.5430.C1	8.254018344	-0.339558045	-0.047122687	-0.343110782	0.566011859	-0.43740111	-0.151995062	0.004413664	0.030925219
YGL02.10129.C1	7.137973454	-0.339650693	0.261390023	0.0027262	0.098818568	-0.058686546	0.160560849	0.002860311	0.022671319
YGL02.14905.C1	9.312963148	-0.339698583	-0.06472021	-0.494565791	-0.027854756	0.109201501	0.415059619	0.000928331	0.010174939
YGL02.13859.C1	9.13465788	-0.339778942	-0.082827131	-0.015941855	-0.134701189	0.113208061	0.342312957	0.00166978	0.01543638
YGL02.8079.C1	10.96076852	-0.339906569	-0.172402614	-0.391347557	-0.203776098	0.085229999	0.473243202	0.003016687	0.023536233
YGL02.20949.C1	7.196143895	-0.34006776	0.174186391	-0.219157892	-0.053749937	-0.146657796	-0.086120585	0.005092899	0.034337371
YGL02_GNYA1SO04IRQ7O	8.571350626	-0.34023036	-0.369351995	-0.393459292	-0.209332571	0.103111	0.1536891	0.002183894	0.01867099
YGL02.14268.C1	12.09532929	-0.340457226	0.146075143	-0.154846559	-0.194712918	-0.064790128	0.252956781	0.001738449	0.015899535
YGL02.10831.C1	9.748264936	-0.340511215	-0.129183264	-0.30326542	-0.147127382	0.169610083	0.365972771	0.000547503	0.006970849
YGL02_GNYA1SO04JBBUH	11.65759852	-0.341119851	-0.056793121	-0.293122009	-0.009541975	0.083591331	0.217156932	0.001846351	0.01659369
YGL02_GNYA1SO04IS3A5	10.26081285	-0.341149489	-0.060664827	-0.526767845	-0.137305687	0.05881333	0.624470989	0.006606916	0.041386405
YGL02.495.C1	9.393648452	-0.341754108	-0.006832213	-0.263838715	-0.028574803	0.058251807	0.441772401	0.004631541	0.032023837
YGL02.3611.C1	15.04558707	-0.341880707	-0.007882248	-0.225009398	0.089599395	0.174722285	0.453840722	0.002018127	0.017670251
YGL02_GNYA1SO04JLXMN	9.44956484	-0.341895265	-0.10239657	-0.151084601	-0.016149977	0.102426785	0.24611258	0.008531507	0.049708798
YGL02.1653.C1	9.6691342	-0.341955782	0.290655646	-0.096719577	-0.112555694	-0.025924035	0.196036665	0.005704065	0.037315681
YGL02.5261.C1	11.33722384	-0.342050613	-0.029195739	-0.168109826	0.048609763	0.18900705	0.477895562	0.002495145	0.020546599
YGL02_GNYA1SO04I1SQR	12.71394832	-0.342144918	0.213916557	0.203352899	-0.309560008	0.162114271	0.336197112	0.006196243	0.039530984
YGL02.3884.C2	8.528455386	-0.342286376	0.216084085	0.440766808	0.185814665	-0.026199091	-0.231935562	0.004638533	0.032060201
YGL02.9155.C1	12.56253475	-0.342369857	0.223192316	0.212106984	-0.305676511	-0.025711152	0.303922278	0.005807715	0.037766719
YGL02.605.C1	9.646695835	-0.34242637	-0.222568071	-0.562978983	-0.222920633	0.179512554	0.397402825	0.004478669	0.031243758
YGL02_GNYA1SO04IRHJT	9.734378097	-0.342678213	-0.068449393	-0.109785407	-0.35410744	0.150493947	0.270421742	0.002857906	0.022657806
YGL02_GNYA1SO04IMEC7	9.624272896	-0.342823602	-0.035711011	-0.078090854	-0.069316884	0.129328283	0.459670889	0.000613948	0.007558938
YGL02_GNYA1SO04I49WB	10.29915605	-0.342897805	-0.049846535	-0.091091083	-0.488445424	0.130966489	0.393367348	0.00501109	0.03395736
YGL02_GNYA1SO04I7UHK	9.778460689	-0.342976412	-0.137290499	-0.29980688	-0.09526554	0.236323061	0.323475319	0.006257335	0.039808953

YGL02.22948.C1	8.105788575	-0.343095542	-0.197161104	-0.305465271	0.115365324	0.118452967	0.419045573	0.007990362	0.047464884
YGL02_GNYA1SO04IKJV9	10.75954656	-0.343184505	0.046246562	0.086792528	-0.109552233	-0.019335162	0.019255076	0.005802582	0.03774908
YGL02_GNYA1SO04JBT65	8.202157994	-0.343302892	0.142994652	-0.633303992	-0.035632144	0.149580986	0.306144072	0.003467566	0.025972712
YGL02_GNYA1SO04I85JI	12.84660955	-0.343586982	0.034302657	-0.246411133	-0.441646398	0.049958242	0.182201658	0.00442979	0.030999631
YGL02.12750.C1	8.971653515	-0.34373985	-0.25864743	-0.26434453	0.009764583	0.122090079	0.260397875	0.007321125	0.044581478
YGL02_GNYA1SO04JOKUH	9.163426081	-0.344013294	-0.021526873	-0.282697265	-0.208097894	0.076898995	0.376035307	0.002753443	0.022067389
YGL02.5813.C2	11.2485363	-0.344063283	-0.010215006	-0.519585554	-0.209712671	-0.086613846	0.292138545	0.002714445	0.02185074
YGL02_GNYA1SO04JSG0Q	10.48466713	-0.344129789	0.091198951	-0.145134144	-0.058394095	0.074029655	0.348448642	0.007818663	0.046772455
YGL02.2752.C2	8.190310042	-0.344394977	0.022627377	-0.671945751	0.09483155	0.245983633	0.51419097	0.007935013	0.047216233
YGL02.3235.C1	9.601066349	-0.344844099	-0.100547971	-0.2223178	-0.257018033	0.060400884	0.269969835	0.006049892	0.038898161
YGL02_GNYA1SO04IQJM4	11.50708136	-0.3448773	-0.219010858	-0.269904192	0.042882639	0.183650223	0.259547461	0.003685284	0.027126485
YGL02_GNYA1SO04JBFA2	8.987730767	-0.344983547	-0.174090949	-0.353904034	0.079013397	0.134404307	0.519121109	0.002438401	0.020211715
YGL02.8675.C1	9.52812379	-0.344997002	0.080376054	-0.210413484	-0.093319482	-0.114194069	0.122543743	0.001578513	0.014841596
YGL02.2456.C1	8.988710134	-0.345009183	-0.098912084	-0.312559232	-0.280342657	0.095277742	0.330166534	0.000681223	0.008154638
YGL02.2357.C1	13.43675443	-0.345272798	-0.04634684	-0.362970681	-0.050424886	-0.07762294	0.447302181	0.002144586	0.018423726
YGL02.151.C2	9.701834519	-0.345833061	0.404459217	-0.409999303	-0.266678805	0.2497471	0.029221226	0.007652965	0.046026485
YGL02.7394.C1	8.178941142	-0.346065526	0.257337318	-0.073252485	-0.135675742	0.194954358	0.287242609	0.002249149	0.019076495
YGL02.5690.C5	9.937429271	-0.346104543	-0.055639294	-0.137282125	-0.008100074	-0.033814341	-0.298936959	0.006709982	0.041842993
YGL02.19026.C1	9.211040139	-0.346383628	-0.157617121	-0.304044567	0.051775061	0.162761525	0.329858472	0.005347024	0.035591083
YGL02.16289.C1	8.74140442	-0.346486893	-0.11368574	-0.199368096	0.02921367	0.106832334	0.154907551	0.002591923	0.021109964
YGL02_GNYA1SO04JBO5N	8.712502212	-0.346587909	0.194505071	0.218216922	-0.18605756	0.00322822	0.101652818	0.002988898	0.023363056
YGL02.7629.C1	6.663637718	-0.34693315	0.045182004	-0.052052413	-0.093854228	0.011851646	0.309134834	0.006769791	0.042089065
YGL02.9814.C1	9.14131741	-0.347055761	0.060033004	-0.185955294	-0.118418276	-0.080979165	0.286546446	0.002347792	0.019667838
YGL02_GNYA1SO04I8EHI	9.332375776	-0.34751338	-0.021675885	-0.064011764	-0.242533794	0.111156604	0.340715099	0.001685067	0.015541097
YGL02.7466.C1	8.79458526	-0.34778016	0.065915662	-0.155417211	-0.223823956	-0.047160971	0.298905455	0.001966029	0.01735136
YGL02.3301.C2	11.82827672	-0.347902949	-0.091121085	-0.582060494	0.05424544	-0.048116134	0.389846689	0.001668669	0.015428315
YGL02.311.C4	10.54085281	-0.3479996	0.016904912	0.093146078	-0.255375992	0.008359419	-0.222316623	0.00187163	0.016743023
YGL02.1741.C3	12.72056633	-0.348270121	-0.064847675	-0.317742021	-0.182312692	0.007880655	0.266610679	0.001884221	0.016817321
YGL02.6296.C1	9.476968701	-0.348554847	0.325431754	-0.124980357	0.444085381	-0.014457407	0.424951109	0.007110175	0.043639613
YGL02.3083.C2	9.558731378	-0.348965137	0.011215167	-0.420496998	0.178025411	-0.03019153	0.439726573	0.002665227	0.021536325
YGL02.6836.C1	11.91156509	-0.349446977	-0.066861758	-0.4628714	-0.120600014	-0.045040657	0.08281305	0.007931898	0.047204204
YGL02.18836.C1	6.97127475	-0.349812174	0.147619223	0.22444446	-0.16418528	0.010849508	0.263741608	0.003444073	0.02585207
YGL02.8168.C1	9.081840269	-0.349909778	-0.111957859	-1.232356456	0.030415515	0.050977162	0.340185768	0.001215609	0.012308801
YGL02.62.C1	10.64495175	-0.34995749	-0.116970124	-0.170100742	-0.048046488	0.027909544	0.418291731	0.001652403	0.015316923
YGL02.13824.C1	9.872999449	-0.350094613	-0.301749157	-0.090008736	-0.43660051	0.090034215	0.14343905	0.006466041	0.040757786
YGL02_GNYA1SO04INPU9	9.418705797	-0.350370798	0.419121439	0.190811726	-0.147559948	-0.041130444	0.022869748	0.003834954	0.027912444
YGL02.9000.C1	8.918565265	-0.35090807	0.140459264	0.122857176	-0.380515092	0.2572127	0.205622088	0.004220016	0.029939343
YGL02_GNYA1SO04JBRIS	10.85659125	-0.351200687	-0.103902076	-0.11914717	-0.140165083	0.174605102	0.310141958	0.006638177	0.041521976
YGL02.1849.C1	10.07194087	-0.35130416	-0.10089923	0.078244552	0.227719136	0.173046116	-0.028104374	0.004301683	0.030355757
YGL02.3338.C1	10.2097744	-0.351413099	-0.741923742	-1.143536364	0.132596911	-0.257174579	0.354430496	0.001170971	0.011982472
YGL02_GNYA1SO04JZLDR	7.751816241	-0.351735098	-0.241669678	-0.457522789	0.168119355	0.057555854	0.226800364	0.004819099	0.033006969
YGL02.3441.C6	11.86690452	-0.351963732	-0.119562809	-0.319855068	-0.094275377	0.106879457	0.360887542	0.005481054	0.036231983
YGL02.1066.C2	9.223038804	-0.352085683	0.010812565	-0.146562989	0.076064505	0.150203075	0.109108837	0.001993586	0.017518158
YGL02_GNYA1SO04IPW6V	9.990355136	-0.353125443	-0.235804561	-0.236590816	-0.080792154	0.116917261	0.141821847	0.000745064	0.008704029
YGL02.10797.C3	9.231837765	-0.353232407	-0.125318113	0.029890528	-0.306844147	0.068303862	0.101994276	0.001164086	0.011931345
YGL02.6979.C3	10.26383861	-0.353379047	0.012597445	0.11112824	0.042586015	0.100154054	0.126111652	0.00740078	0.044931196
YGL02_GNYA1SO04IX26R	10.01189645	-0.353850961	0.169581377	-0.325510382	-0.066194583	-0.041880629	0.133920632	0.003626352	0.026828417
YGL02_GNYA1SO04H40TU	9.543760962	-0.35430526	-0.285054144	-0.057660385	-0.276672656	0.073223899	0.413104635	0.000668917	0.008048252
YGL02_GNYA1SO04IUN9J	9.85440398	-0.354533221	0.101384331	-0.131649725	0.017283861	0.133459334	0.199363974	0.005802671	0.03774908
YGL02.7252.C2	5.689404619	-0.354548862	0.051716817	-0.047703667	-0.006777537	0.453323395	0.40082419	0.004861439	0.033202136
YGL02.1729.C5	12.79142529	-0.354770615	0.112605528	0.025964885	-0.316512894	-0.013410847	0.009137261	0.004312964	0.030400579
YGL02_GNYA1SO04IUINS	9.598598691	-0.355015097	-0.219298226	-0.302964648	0.028390164	0.056694034	0.212323361	0.003362856	0.025421557
YGL02.5321.C3	10.6544284	-0.355034405	0.004838954	-0.118466105	-0.30566651	-0.063546377	0.17830072	0.001600326	0.014978221
YGL02.13793.C1	9.154809461	-0.355558521	-0.006420509	-0.300678461	0.147567248	-0.030130148	0.232004414	0.001798619	0.016287914
YGL02.16359.C1	9.534360159	-0.355793384	0.038592738	-0.026257003	-0.119745064	-0.027348512	0.121692398	0.000760146	0.008830978
YGL02.13964.C1	10.67079743	-0.355915208	0.184960535	-0.324303055	-0.023851993	-0.017127759	0.492802196	0.004405032	0.030884785
YGL02.8973.C1	13.4768566	-0.355935353	-0.248550462	-0.52204075	-0.020924154	-0.289413185	0.293162563	0.000625255	0.00766101
YGL02.1055.C12	12.80360357	-0.355941334	-0.052092203	0.01759795	-0.094530034	0.111056525	0.271189796	0.000577425	0.007241315
YGL02_GNYA1SO04JTCAO	10.92296039	-0.356391537	-0.029576956	-0.072622939	-0.145411444	0.09039068	0.237492908	0.002387431	0.019914144
YGL02.15479.C1	8.869896231	-0.356609293	0.254673904	0.099586825	-0.028116211	-0.109852467	-0.067648168	0.003811721	0.027794895
YGL02_GNYA1SO04JYPXH	8.428228312	-0.356836967	-0.099457774	-0.122688809	0.406628059	0.099656219	0.099953486	0.002241216	0.019027023
YGL02.1836.C1	10.47083362	-0.357109592	0.040940943	-0.097722173	-0.531450803	0.056875339	0.262790099	0.006326111	0.040102682
YGL02.4928.C1	9.121158586	-0.357136788	-0.2299182	-0.260900044	0.227938353	0.186287935	0.508073952	0.002614485	0.021241614
YGL02.9268.C1	11.59289271	-0.357277007	-0.015354434	-0.335309426	0.030226127	0.060651898	0.293661182	0.002752533	0.022062829
YGL02_GNYA1SO04I4O6P	11.35525904	-0.357730059	-0.14676086	0.132932744	-0.158512688	0.146414514	0.238161433	0.001124388	0.011642878
YGL02_GNYA1SO04IOIMC	7.83566856	-0.358012893	-0.173074446	0.132792965	0.086429037	0.374695525	0.272365092	0.005076767	0.034270592
YGL02.22014.C1	3.197981458	-0.358484281	-0.240598716	-0.281276409	0.002275907	0.317202569	0.33827043	0.000249105	0.004002797
YGL02_GNYA1SO04H90GO	7.854105933	-0.358563328	0.042773988	0.064238886	0.130569943	0.175411064	0.30496052	0.00274556	0.022031481
YGL02.19390.C1	9.936813053	-0.358697945	-0.023477605	-0.264178455	-0.110885809	-0.042081039	0.426959018	0.001004636	0.01074558
YGL02_GNYA1SO04H4DNE	9.603568699	-0.358821517	-0.277653312	-0.46588856	0.08016717	0.115175481	0.318878582	0.002344297	0.019648008
YGL02.3577.C5	11.69096372	-0.35989047	0.086844275	-0.141498145	0.063835221	0.063581128	0.215463155	0.001936884	0.017165494
YGL02.3843.C2	10.49043765	-0.360233767	-0.006283479	-0.131693837	-0.112848518	0.112498663	0.252152311	0.000467865	0.006232206
YGL02.3441.C4	12.29023616	-0.36025382	-0.172179322	-0.31249422	-0.352284579	0.02221042	0.379063192	0.005424295	0.035954054
YGL02.4234.C1	9.460215503	-0.360334814	-0.069279595	-0.139092072	-0.01366767	0.167790736	0.042194633	0.001315472	0.013005856
YGL02_GNYA1SO04JM86L	7.864648764	-0.360388433	-0.081875937	0.123472099	-0.358255028	0.563798075	0.271434735	0.007833523	0.046817717
YGL02.10041.C1	9.163884094	-0.360485327	0.175849909	-0.244747308	-0.302222945	0.037521277	0.472206504	0.003050596	0.023720758
YGL02.1396.C3	8.840683398	-0.360908383	0.084976316	-0.241991672	0.210627249	-0.054295862	0.087016569	0.001786938	0.016216157
YGL02.6969.C1	7.596247911	-0.360968921	0.256889833	0.131249514	-0.07180733	-0.076250931	0.336925404	0.005544536	0.036535994
YGL02.10523.C1	7.751126535	-0.360991411	0.078813239	0.527513131	0.245697195	-0.114771042	0.149113407	0.004252292	0.03009578
YGL02.7943.C1	12.13448726	-0.36101383	-0.176878519	-0.382867071	0.207802328	0.277008653	0.083623164	0.003224207	0.024679502
YGL02.22760.C1	6.314579965	-0.361050194	-0.387617506	-0.35939222	0.367888075	0.076604705	0.142190699	0.00852349	0.049675583
YGL02.9811.C1	12.57439519	-0.361290982	0.00772777	-0.107573295	-0.059598017	0.078351846	0.096823903	0.002617134	0.021249802
YGL02.17423.C1	9.339354706	-0.361303958	-0.022087031	-0.648606862	0.061719248	-0.008754886	0.446968465	0.00238376	0.019893772
YGL02_GNYA1SO04IRUUX	11.26868103	-0.361627017	0.105777649	-0.189291019	-0.324043893	0.008039177	0.010000401	0.006622847	0.041462136
YGL02.4673.C4	9.834971465	-0.361753498	-0.110187105	-0.254784525	-0.168997322	0.167404478	0.297086672	0.006612962	0.041414266
YGL02.5814.C1	9.540329424	-0.361921529	-0.47878661	-0.751485788	0.046624934	0.133869815	0.01518534	0.004925328	0.033534134
YGL02.4876.C1	9.561155381	-0.361949596	-0.027369417	-0.154660216	-0.049717017	0.132157341	0.295596646	0.001102869	0.011476029
YGL02_GNYA1SO04JMAH3	9.697428754	-0.362126243	-0.034405876	-0.002247832	-0.433973575	0.136152847	0.330528738	0.004535328	0.03153052
YGL02.1529.C1	13.3746806	-0.362187268	0.067902622	0.095533132	-0.142160447	-0.02625327	0.155081553	0.007347924	0.044704939
YGL02.2309.C3	6.915411478	-0.362226941	-0.385137954	-0.006345012	0.060154871	-0.068192772	0.156284131	0.00728573	0.044422344

YGL02.8563.C1	8.776960517	-0.362260609	0.254267075	-0.089846018	0.038297768	0.032975326	-0.200336974	0.003202211	0.024554675
YGL02.5837.C1	10.01944286	-0.362355254	-0.031199788	-0.204686485	-0.065036046	0.041951079	0.201815415	0.002615864	0.021242525
YGL02.17927.C1	8.238873661	-0.362595589	-0.04812537	0.043201897	0.421874387	0.065799165	0.127183295	0.007725131	0.046342135
YGL02_GNYA1SO04JGONA	9.206431374	-0.363275259	-0.36655345	0.079464702	0.093837319	0.23317866	-0.071160905	0.001771278	0.016112434
YGL02.5137.C1	9.927980381	-0.363484064	-0.012125386	-0.163408771	-0.009708883	0.057079008	0.159102737	0.000791964	0.009087862
YGL02.1245.C2	9.85003872	-0.363726123	-0.273451286	-0.393929725	-0.075137206	-0.063412953	0.081119057	0.000504388	0.0065586
YGL02.12705.C1	10.23510698	-0.363727446	0.011884852	0.113538912	-0.162277682	0.111929217	0.212507843	0.000821482	0.009331273
YGL02.13734.C1	10.62268487	-0.3637462	-0.076894966	-0.693974144	-2.20E-05	0.063468425	0.263002978	0.00801555	0.047583949
YGL02_GNYA1SO04H5IMA	9.178359333	-0.363935214	-0.217906185	-0.271700154	-0.06341623	0.177236929	0.329117432	0.001330456	0.013114955
YGL02.19464.C1	9.927741192	-0.364182541	0.175466091	-0.276185141	0.139867425	-0.029645907	0.179905623	0.007337685	0.044648726
YGL02.6524.C1	9.646745633	-0.364370817	-0.056571217	-0.208241078	0.250978778	-0.077208047	-0.106959796	0.003746887	0.027462852
YGL02.7334.C2	8.556220101	-0.364915461	-0.001253665	-0.095889541	0.003682918	-0.13903788	0.054474013	0.001012496	0.010801217
YGL02_GNYA1SO04JWM7Z	12.46057768	-0.365024164	-0.235344534	-0.27330865	-0.01877927	0.137902192	0.264683957	0.002484154	0.020484751
YGL02.22533.C1	6.126660569	-0.365239317	-0.037146888	-0.230874297	-0.014267769	0.126452184	0.265318943	0.002468899	0.020396622
YGL02.16284.C1	8.659379095	-0.365591035	-0.054861132	-0.269153442	-0.428363752	0.259327436	0.36853834	0.002110361	0.01820695
YGL02.5113.C2	8.014619406	-0.365595225	-0.375696985	0.085567915	0.038020764	0.154417202	0.285430655	0.005675779	0.037170072
YGL02.4209.C2	9.952268112	-0.365858572	-0.063276529	-0.25771116	0.063161931	0.185794962	0.330586871	0.005507036	0.036348071
YGL02_GNYA1SO04I6P93	10.02848789	-0.366006453	-0.047934725	-0.134229292	-0.239364415	0.119160281	0.364419794	0.00200024	0.017552803
YGL02.9372.C1	7.490321995	-0.366086179	-0.1862368	-0.440354692	-0.382038762	0.320326461	0.66133822	0.006203437	0.039561289
YGL02.20497.C1	7.930865818	-0.366232726	-0.036683989	-0.21253322	0.201520673	0.158807373	0.296906418	0.006202556	0.03955957
YGL02.18586.C1	8.402229203	-0.366256519	-0.054855882	-0.192583906	-0.165374957	0.227509731	0.155657626	0.005728594	0.037415948
YGL02.12888.C1	8.082463574	-0.366472641	0.286764103	-0.066533132	-0.262163012	0.040924213	0.192550828	0.001233852	0.01243208
YGL02_GNYA1SO04JO6E9	9.313616205	-0.36651295	0.140048022	0.019247495	0.157538741	0.122929734	0.11069035	0.001527065	0.014496486
YGL02.2095.C1	10.60930483	-0.366593183	0.017932412	-0.22895271	-0.303969881	-0.01510629	0.343267503	0.001291229	0.0128328
YGL02.381.C3	14.35308038	-0.366948585	-0.313794992	-0.514755596	0.272688003	0.066214875	0.433819993	0.006540367	0.041066876
YGL02_GNYA1SO04INMLX	10.01298165	-0.3671287	-0.116239385	-0.269697766	0.586670639	-0.011838523	-0.012476699	0.003240227	0.024758222
YGL02_GNYA1SO04IOF5P	14.37927551	-0.367257848	0.087922469	-0.08373463	0.051992612	0.047221379	0.374503551	0.003678572	0.027091445
YGL02.7611.C1	9.963187566	-0.367392665	-0.188006511	-0.439664391	0.211816999	0.008066535	0.348581909	0.001785934	0.016214877
YGL02.18364.C1	8.444419307	-0.367473842	-0.080859644	-0.343910351	-0.037332397	0.104236277	0.148419785	0.003165712	0.024358452
YGL02_GNYA1SO04JE8ZX	7.510142528	-0.367480652	0.014543149	-0.25752902	-0.221482806	0.19072884	0.193125576	0.007084269	0.043519421
YGL02_GNYA1SO04IRQK7	8.48772918	-0.367790103	-0.076621254	-0.251727165	0.124936846	0.071054889	0.409218145	0.002419297	0.020095807
YGL02_GNYA1SO04INAFH	9.60027155	-0.367925615	0.033120952	0.232528857	-0.035718956	0.184467953	-0.080777986	0.001591983	0.014922789
YGL02.3425.C1	10.18300181	-0.368200577	-0.093456719	-0.053991043	-0.157880771	0.10086254	0.08657706	0.008358446	0.048986136
YGL02.11821.C2	9.636489171	-0.368228477	-0.252801562	-0.581412734	0.163947094	0.10375795	0.530674931	0.000892409	0.009894927
YGL02.4804.C1	6.82437506	-0.368247505	0.207684532	0.246721749	-0.229490938	0.244511238	0.409090238	0.007182076	0.043972086
YGL02.6311.C1	9.576449995	-0.368260736	0.034593036	0.173805883	0.427089534	0.082809207	0.331531341	0.004729653	0.032538905
YGL02.8805.C2	8.18788287	-0.36837144	0.167715315	-0.314052021	-0.201229145	0.131573429	0.238206023	0.00756692	0.04566806
YGL02.17082.C1	9.663795026	-0.368560624	-0.001407775	-0.060672255	0.051947492	0.223860399	0.13013606	0.003990914	0.028737468
YGL02.5268.C1	8.633243524	-0.368682854	-0.165543383	-0.415461965	0.129267944	0.117794231	0.513349717	0.007809586	0.046736184
YGL02_GNYA1SO04H7LLC	9.599027669	-0.368975378	-0.084324908	-0.661519829	0.029350862	0.08736384	0.518795082	0.000195555	0.00337652
YGL02.7706.C1	9.427932774	-0.369156743	0.070713938	-0.122667695	-0.287826545	0.065531747	0.435327006	0.000904248	0.009990457
YGL02.12851.C1	7.849206235	-0.369714736	-0.147374709	-0.269682892	-0.092746526	0.481428364	0.451334585	0.005773036	0.03763002
YGL02.10884.C1	9.006514179	-0.369989073	0.266338135	0.115641491	0.055494687	0.033455706	0.323045863	0.00342448	0.025734833
YGL02.11846.C2	8.215727883	-0.370005458	-0.149436248	-0.418934156	0.151625628	0.314456903	0.394553764	0.007156276	0.043860867
YGL02_GNYA1SO04IUYRL	14.54151826	-0.370106462	0.056996855	-0.10300446	0.019518578	-0.015540741	0.26589961	0.000403789	0.005631155
YGL02.13056.C2	8.604679656	-0.370356873	0.055445569	0.067573343	-0.120722622	-0.060349289	0.285872076	0.002698575	0.021747437
YGL02.2536.C1	9.961222233	-0.370510285	-0.054403249	-0.169606178	-0.144376838	0.03748402	0.334324203	0.000934513	0.010220098
YGL02_GNYA1SO04H7JN5	9.07061619	-0.370789644	-0.267424907	-0.170405378	-0.3597775	0.118599248	0.263964648	0.007656508	0.046041379
YGL02.18392.C1	6.536312807	-0.370952425	-0.075148561	-0.144752839	0.062667724	0.16831935	0.170388382	0.00063067	0.007712753
YGL02_GNYA1SO04JQ8KR	10.25217982	-0.370983065	-0.101222491	-0.33946648	0.040131492	0.108618693	0.370089537	0.00053196	0.006825288
YGL02.4579.C1	12.4145216	-0.371017183	-0.200196254	-0.261984141	-0.242693165	0.056499172	0.449415638	0.001236159	0.012447892
YGL02.1610.C1	8.962878553	-0.371060922	-0.362164161	-0.729121974	-0.142164158	0.140538649	0.500049039	0.003424156	0.025734341
YGL02_GNYA1SO04JSBQB	8.869857163	-0.371177221	-0.160186963	-0.225490458	-0.217358888	0.114903925	0.142500321	0.003002699	0.023444048
YGL02_GNYA1SO04IBBR0	8.469683341	-0.371366004	-0.042069954	-0.288170442	-0.16416844	0.292772087	0.450476165	0.005085245	0.034307973
YGL02.13509.C1	8.828568476	-0.371585405	0.115040631	-0.152084952	-0.132603102	0.054351934	0.549874533	0.005383435	0.035754592
YGL02.8201.C2	8.126543136	-0.372161854	-0.111476892	-0.256004485	-0.006607135	0.13468073	0.266767807	0.005154755	0.034649857
YGL02.15498.C1	10.28971864	-0.372666027	-0.00312995	-0.196875286	-0.132186644	-0.042529957	0.13212012	0.007830688	0.046808391
YGL02.12955.C1	9.451472448	-0.372743377	0.116683295	0.122875237	-0.100968058	0.217536564	0.267083773	0.008533708	0.049716418
YGL02.172.C1	7.452760405	-0.37310454	-0.15327061	-0.130716645	0.208279027	-0.061166022	-0.005484283	0.006834832	0.042372977
YGL02.849.C21	9.040045934	-0.373431932	0.072464926	-0.122354708	0.163399636	0.05981875	-0.09358688	0.004811773	0.032967256
YGL02_GNYA1SO04IBTUM	10.33227268	-0.373915082	-0.141205606	-0.12818539	0.056085082	0.105582937	0.199468085	0.001331461	0.013121417
YGL02.17103.C1	8.928278766	-0.373963902	-0.266758398	-0.419921847	0.171596572	0.104459451	0.004417934	0.001450625	0.013971575
YGL02_GNYA1SO04IFF2I	11.61883062	-0.374283562	-0.16601586	-0.42071445	-0.343880324	0.080939712	-0.023497644	0.0036813	0.027103322
YGL02.15556.C1	7.433426287	-0.374314882	-0.024686073	0.075534076	-0.32910536	0.178025786	0.093153949	0.002534638	0.020781948
YGL02.18732.C1	3.169547075	-0.374326443	-0.243930712	-0.374959001	0.048935539	0.314265919	0.403714242	0.002466306	0.020381702
YGL02.11850.C1	9.324550876	-0.3745826	-0.400065119	0.236390857	-0.287491946	0.156384466	0.455406175	0.00068335	0.008174811
YGL02.22422.C1	9.777795127	-0.374735045	-0.542184561	-0.741084841	-0.110046752	0.080557802	0.462182521	0.003383155	0.0255284
YGL02_GNYA1SO04JG770	8.419448359	-0.374794952	0.033327251	-0.076650528	-0.078999409	0.106249189	0.045955037	0.004045703	0.029043165
YGL02_GNYA1SO04JKL96	9.359900221	-0.374893124	-0.29633613	-0.397704847	-0.078942478	0.196231008	0.097531883	0.004684147	0.032301336
YGL02_GNYA1SO04I8BYG	11.54152663	-0.374974694	-0.45600312	-0.233441759	-0.173882194	0.227475686	0.320272362	0.000690104	0.008228245
YGL02.13662.C1	9.891628806	-0.375105575	-0.215375574	-0.393814833	-0.165498228	0.121209345	0.215089663	0.004258926	0.030129698
YGL02.716.C1	9.742029137	-0.375205264	0.207461335	-0.03907668	-0.196948305	-0.047039492	0.002225138	0.004848351	0.033142466
YGL02.14129.C1	7.668946024	-0.375424383	-0.27746306	-0.820584205	-0.090748029	0.063927103	0.551460662	0.00428233	0.030257113
YGL02.1268.C4	9.595008197	-0.375880619	-0.202242538	-0.282958051	-0.038624337	-0.018020177	0.336347105	0.000983424	0.010587016
YGL02.15680.C1	10.48020632	-0.375886326	0.10727817	-0.103596429	-0.060822687	-0.07229553	0.051629414	9.64E-05	0.0020722
YGL02_GNYA1SO04JA5HJ	12.10901799	-0.375982042	-0.395317498	-0.437448895	-0.159800484	0.230536659	0.095702906	0.0084846	0.04951274
YGL02_GNYA1SO04I8IR1	8.660090457	-0.376051585	0.102008185	-0.140584315	-0.183134907	0.059121024	0.276256923	0.004295176	0.030329672
YGL02.5908.C1	9.323612906	-0.376225846	-0.151531683	-0.54744876	-0.261475646	0.072003678	0.352627975	0.003287129	0.025016218
YGL02.3949.C1	9.069487078	-0.37648324	-0.034450466	-0.369780779	-0.008053232	0.112515584	0.273528768	0.000735288	0.008624054
YGL02.429.C2	9.207993557	-0.376706681	-0.019801342	-0.223134214	0.015738867	0.120274346	0.273550215	0.00196685	0.017357423
YGL02.5466.C2	10.38147284	-0.376841431	0.065001393	-0.016548692	-0.43380137	0.042062655	0.212506959	0.000882414	0.009810326
YGL02_GNYA1SO04JQQ5A	8.01559878	-0.377136026	0.02195156	0.045048191	-0.116311595	0.082263697	0.094058542	0.0079045	0.047093093
YGL02_GNYA1SO04JTXA9	9.34835641	-0.377456442	0.026533148	0.085453626	-0.278232479	0.060350676	0.060370242	0.001721049	0.015783246
YGL02.1732.C2	11.44407302	-0.377676908	-0.289654266	-0.430676154	0.015254041	0.057521412	0.115255936	0.002312036	0.019453159
YGL02.3618.C1	12.53860226	-0.377855029	-0.088864866	-0.204161121	0.099035862	0.039541451	0.60953836	0.007502584	0.045400295
YGL02.8423.C2	8.203647717	-0.378079051	-0.053598773	-0.406634447	0.390593173	0.174636971	0.58394399	0.001675028	0.015469441
YGL02.4116.C1	7.445968887	-0.378100167	0.229053476	-0.017695584	-0.021907428	-0.03552591	0.202663953	0.007511146	0.04543521
YGL02.22692.C1	7.36175365	-0.378285428	-0.248344031	-0.243407565	0.303193577	0.222690734	0.291071262	0.008025172	0.047621421
YGL02.14469.C1	9.098786216	-0.378293999	-0.54933333	-0.439274922	-0.184509371	0.105608607	0.241741383	0.003321066	0.025196136
YGL02.4686.C1	9.249467233	-0.37829668	0.173643243	0.04476212	0.28406308	-0.080367635	-0.055200446	0.004413385	0.030924937

YGL02_GNYA1SO04JS1UD	12.17260905	-0.378630733	-0.068772779	-0.20771093	-0.338573856	0.018609833	0.071880961	0.002118958	0.018255638
YGL02_GNYA1SO04IHWOF	9.558868489	-0.378823011	-0.261759591	-0.292331022	-0.092587449	0.261957494	0.033691588	0.001423876	0.013776811
YGL02.840.C1	8.13871621	-0.378913816	-0.550111336	-0.440148249	-0.250431524	0.099181796	0.454134433	0.00382535	0.027861153
YGL02_GNYA1SO04II50V	9.47171118	-0.379114207	0.06461784	0.289370507	-0.115766533	-0.048661832	0.057741097	0.001490189	0.014229246
YGL02_GNYA1SO04I25SA	7.623804272	-0.379179909	-0.366120884	-0.212746602	0.033632932	0.394072631	0.482218277	0.007132496	0.043749465
YGL02.14519.C1	9.177365749	-0.379541246	-0.145320312	-0.323764351	0.279380494	0.200288381	0.261301277	0.003727744	0.027355862
YGL02.13875.C2	5.932693312	-0.379626143	0.047056481	-0.30190112	-0.415080711	0.423162032	0.738516435	0.007949866	0.047280715
YGL02.8674.C1	8.10744857	-0.380239849	0.183044774	0.12590647	-0.094614419	0.055158204	0.33609821	0.001556239	0.014704823
YGL02.7857.C1	8.668149172	-0.380505312	0.226247528	-0.172971561	0.09113496	-0.007203952	0.337961934	0.004983832	0.03381335
YGL02.11953.C1	7.39360883	-0.380549039	-0.042457163	-0.179214383	-0.293120923	-0.02081759	0.32928256	0.00161515	0.015078562
YGL02.9939.C1	10.69262756	-0.380781027	-0.106031655	-0.043252238	-0.250959743	0.132243154	-0.058763325	0.001801197	0.016306702
YGL02.19975.C1	9.103337871	-0.380852891	-0.37407821	-0.58106943	0.105825293	0.405995	0.420504668	0.007720508	0.046328709
YGL02_GNYA1SO04JOZVZ	10.9734862	-0.380909741	0.120953183	-0.118918029	-0.526586263	0.271792322	0.357683998	0.007092328	0.043554756
YGL02_GNYA1SO04IZ0RX	10.64207205	-0.381054572	-0.139412924	-0.438468897	0.010844161	-0.031728893	0.490388038	0.002673353	0.02157775
YGL02.19155.C1	9.866633635	-0.381183197	-0.194969724	-0.110252388	0.247653566	0.094080075	0.045669131	0.001305149	0.012941345
YGL02_GNYA1SO04IT0VW	7.775756279	-0.381231072	0.252634491	0.013893203	-0.007113105	0.445099997	0.19718055	0.00743458	0.045075229
YGL02_GNYA1SO04JTAIL	8.094288603	-0.381354397	0.045425014	-0.168314962	0.123689235	0.016172569	0.281985107	0.000848883	0.009549035
YGL02.3817.C2	11.12187025	-0.381640231	-0.478758649	-0.23115129	-0.415835579	0.114125521	-0.024692612	0.003887115	0.028184371
YGL02.2972.C1	8.794832399	-0.381841979	-0.120404171	-0.12789101	-0.163337419	0.004824114	0.036073119	0.008569896	0.049844278
YGL02.12206.C1	12.03491664	-0.381849517	0.017569859	-0.026229265	0.03678299	0.100843691	0.47952699	0.002239471	0.01901932
YGL02.19966.C1	9.037049955	-0.382045974	-0.105800361	-0.462721345	0.211569328	0.013499468	0.150667569	0.006359186	0.040268984
YGL02.2927.C2	12.21861242	-0.382235668	-0.005941472	-0.306510323	-0.095963847	0.086392333	0.230896844	0.000609588	0.007518122
YGL02_GNYA1SO04JTHAF	7.58500569	-0.382374478	0.093077086	0.273361521	-0.116896516	-0.026660074	0.019917133	0.00293205	0.02304808
YGL02.3164.C2	10.74694359	-0.382903288	-0.153685395	-0.587670534	-0.218109348	0.078521557	0.131917972	0.002898736	0.022877863
YGL02.11372.C1	10.40335464	-0.383002954	0.028082111	-0.001140299	-0.215384071	0.058454256	0.496676732	0.000245908	0.003965695
YGL02_GNYA1SO04IHBAC	9.593124485	-0.383171948	0.104670341	-0.021610298	-0.147547952	0.09888272	0.228020046	0.004087001	0.02925854
YGL02.4313.C1	11.79412715	-0.38327537	-0.088367873	-0.241245457	-0.134922835	0.158364127	0.400779365	0.001430966	0.013822691
YGL02_GNYA1SO04H2M2O	11.42237531	-0.383367421	-0.155249736	-0.348412337	-0.020874496	0.099053372	0.333946998	0.003367761	0.025443383
YGL02.12115.C3	9.51893754	-0.383770205	-0.333685965	-0.348882771	-0.164361378	0.162364279	0.079030496	0.001474482	0.014128167
YGL02.13046.C1	7.795233664	-0.383812237	0.143507525	0.264119454	-0.240878647	0.196647904	-0.057223565	0.007472374	0.045258883
YGL02_GNYA1SO04IX23V	8.492889067	-0.38394699	-0.01870895	-0.182096585	-0.086707961	0.107631567	0.119702346	0.006127938	0.039232445
YGL02.20854.C1	9.799727503	-0.383948049	0.198362842	0.233460503	-0.106618445	-0.018008793	0.01464849	0.001007196	0.010766852
YGL02_GNYA1SO04IJAXC	9.034034912	-0.384197854	0.080616898	-0.15004526	-0.223842677	-0.014030454	0.189970802	0.004080849	0.029220959
YGL02.10014.C1	7.88175574	-0.384215761	0.154398514	0.041614198	-0.420575522	0.103783767	0.382535583	0.00100453	0.010745452
YGL02_GNYA1SO04IQVFC	9.074016997	-0.384364037	0.036151233	0.147168427	0.150227978	-0.057209304	0.092055856	0.001578267	0.014841485
YGL02.13647.C1	7.223942919	-0.384392881	0.259212136	-0.022094509	0.246404479	0.186537696	0.130825899	0.003864392	0.028069366
YGL02_GNYA1SO04JSMCQ	7.932928176	-0.384396159	0.087032794	-0.084916403	0.434534741	0.097758179	0.179496601	0.001406173	0.013648353
YGL02.3129.C1	8.119417508	-0.384488679	-0.020561636	-0.244533765	-0.128963041	0.203838245	0.320580274	0.002417446	0.020084298
YGL02.9092.C2	14.83443962	-0.384526295	0.02577782	-0.063625723	-0.216455916	0.24370224	0.195265826	0.002751767	0.022060192
YGL02_GNYA1SO04IZ3N0	14.04844519	-0.384545531	0.095032375	-0.041087714	-0.281927377	0.202254258	0.459156562	0.001819369	0.016424138
YGL02_GNYA1SO04JTGVE	9.996197535	-0.384597851	-0.196273793	-0.258764446	0.130617256	0.085527863	0.190461894	0.003161361	0.024339436
YGL02_GNYA1SO04JV1M0	7.866303913	-0.385223006	0.063097556	-0.108269975	-0.244857159	0.171539869	0.285146628	0.006175598	0.039440474
YGL02.3854.C1	9.481491989	-0.385530071	-0.12280512	-0.411080907	-0.441762925	0.004077634	0.324872459	0.004205189	0.029862111
YGL02_GNYA1SO04JR4OQ	9.410233801	-0.38564138	-0.237340122	-0.469809171	0.037435352	0.191568624	0.384816242	0.006895003	0.042636227
YGL02.6210.C2	10.04004585	-0.385641469	-0.001884008	-0.465795702	-0.481090694	0.082357275	0.442066916	0.000495905	0.006484109
YGL02.2063.C1	10.66001811	-0.385656105	0.020584135	-0.173182806	-0.242294606	0.031630261	0.379289862	0.001678259	0.01549486
YGL02_GNYA1SO04H2XKQ	7.930701927	-0.385672902	0.165625919	0.442134953	-0.128669251	0.161794678	0.120340684	0.008154711	0.0481562
YGL02.2393.C1	9.907917469	-0.38573762	-0.057279316	-0.127050289	0.056980721	0.188573108	0.260063109	0.000905885	0.01000172
YGL02.6518.C1	9.511720829	-0.385913531	0.058329244	-0.350983792	-0.072150131	0.079720788	0.281036639	0.003040345	0.023662364
YGL02.11735.C1	9.160879029	-0.386156314	-0.023236601	0.14865422	-0.290018113	0.282335116	0.223735709	0.000731192	0.008592608
YGL02.15329.C1	8.714526602	-0.386334182	0.004568383	0.09473808	-0.008397058	0.016184955	0.292760848	0.002248432	0.01907416
YGL02_GNYA1SO04I2ZQZ	9.386975991	-0.386438429	-0.112955287	-0.251078989	-0.146120935	0.121982228	0.307098118	0.001562881	0.014745582
YGL02.10044.C1	7.680449062	-0.386614013	-0.063684927	-0.0164502	-0.025781469	0.179608461	0.147548345	0.002290882	0.019334215
YGL02_GNYA1SO04H7MJH	8.87360573	-0.386684544	-0.278358627	-0.417698567	0.116234118	0.065212218	0.208618292	0.005750153	0.037520519
YGL02.16128.C1	9.136199031	-0.386776058	-0.457070588	-0.30616455	-0.036019162	0.385025653	0.41076676	0.003202117	0.024554675
YGL02.23487.C1	9.218417969	-0.387055279	-0.115561342	-0.057019694	0.27756337	0.168799036	0.33308775	0.00124104	0.012481512
YGL02.1506.C2	7.723507677	-0.387466743	-0.048167102	-0.463161376	-0.059408374	0.060901519	0.300962554	0.003935867	0.028437552
YGL02_GNYA1SO04H8DUO	8.574054799	-0.387474851	0.290104859	0.385713691	0.058849307	0.065741899	-0.042652326	0.004477598	0.03123965
YGL02.3772.C1	10.67651916	-0.387626423	0.028298155	-0.049156359	-0.018727348	0.150078949	0.314448805	0.000524918	0.006753674
YGL02_GNYA1SO04H9MDQ	12.31886437	-0.38774978	0.14326705	-0.043665886	-0.408127529	0.084669675	0.032770677	0.004837662	0.03309036
YGL02.20926.C1	8.834351016	-0.387851062	-0.002568157	-0.404763016	-0.163494185	0.202434059	0.46128868	0.002326179	0.01953653
YGL02_GNYA1SO04ISMEW	8.091490616	-0.388199134	0.061200372	-0.032944672	0.175345543	0.249499849	0.145599241	0.006867174	0.042508798
YGL02_GNYA1SO04JGCQL	11.52859841	-0.388314545	-0.164859855	-0.037534867	0.169995028	0.230923713	0.340807056	0.000768077	0.008899012
YGL02_GNYA1SO04ILX72	8.802824166	-0.388370185	-0.215888984	-0.202967261	-0.378428907	0.31018983	0.12662403	0.002736985	0.021977799
YGL02_GNYA1SO04IZL7V	8.086457005	-0.388565267	-0.663859283	-0.522478222	0.287050869	0.33976981	0.185049997	0.006376268	0.040351535
YGL02.14239.C1	7.296587605	-0.388807591	0.148601992	-0.003845104	-0.11484253	0.256556494	0.188941709	0.002787005	0.022264718
YGL02.8697.C1	9.18290291	-0.388819438	-0.105826114	-0.314526941	0.048264111	0.072337054	0.392498809	0.004747836	0.032629325
YGL02.10849.C1	8.803203884	-0.388960752	-0.109838568	-0.134219199	-0.128102378	0.258212209	0.128685943	0.000819002	0.009311065
YGL02.4553.C1	10.32359571	-0.389012169	0.104726302	-0.023311377	0.055238513	0.113316721	0.237525916	0.007951768	0.047289857
YGL02.8658.C1	11.56054382	-0.389111375	-0.080437317	-0.17069784	-0.111956545	0.209776641	0.570972395	0.002552301	0.02088314
YGL02_GNYA1SO04I3KHT	11.03945361	-0.389363776	0.050720337	0.052339484	0.207457639	0.007818918	0.269773305	0.001371205	0.013398283
YGL02.2822.C1	7.123314178	-0.389369257	0.039716006	-0.194319459	-0.087593696	0.015200511	0.39008404	0.00764913	0.046011967
YGL02.3383.C1	15.51256553	-0.389492162	0.059646106	0.008002369	0.040895707	0.132824707	0.374325794	0.001187326	0.012105937
YGL02.6971.C1	7.732496851	-0.389725111	-0.083919988	-0.448630768	0.033311188	0.175282988	0.534544954	0.00292936	0.023040918
YGL02_GNYA1SO04JSZVW	8.730475789	-0.390084599	-0.271186009	-0.550693998	0.203497786	0.1577789	0.286508689	0.006703001	0.041816357
YGL02.768.C1	10.5629307	-0.390674439	-0.40838217	-0.108988613	0.140489983	0.24302124	0.468664353	0.004353545	0.030619956
YGL02.7222.C1	9.438769699	-0.390887768	0.066445031	-0.342559537	0.085411037	0.208901221	0.646290463	0.002762735	0.022122687
YGL02.1601.C2	9.390873411	-0.390973833	-0.036098505	-0.432793598	0.176964539	0.022543934	0.535468355	0.001089332	0.011369878
YGL02_GNYA1SO04H1LYD	9.288234261	-0.391048776	-0.109646449	-0.100150689	-0.314091456	0.127516035	0.262395514	0.007771188	0.046553728
YGL02.17521.C1	8.507043715	-0.391379144	0.097601501	-0.018980471	0.130458389	-0.021551603	0.347852282	0.006119365	0.039191116
YGL02_GNYA1SO04IRQ3G	10.78141712	-0.391491385	-0.020413721	-0.004349704	-0.064038813	0.154235871	0.287752725	0.002330854	0.019568269
YGL02.1853.C1	10.80233742	-0.39163403	-0.061148954	-0.210703892	-0.113228287	0.117868932	0.22876327	0.004198361	0.029830033
YGL02_GNYA1SO04I9340	8.933100008	-0.391783882	0.111697571	-0.179600618	0.031975842	0.1305833	0.490410403	0.008570584	0.049846041
YGL02_GNYA1SO04IHXJP	9.440045239	-0.391894006	0.083752172	-0.080436049	0.041090722	0.089111423	0.206576878	0.00088082	0.009800174
YGL02_GNYA1SO04I40NW	9.151657065	-0.392026993	-0.153269266	-0.69334985	0.230686293	-0.147421684	0.214686306	0.003653542	0.026957208
YGL02_GNYA1SO04IX6AV	8.943557261	-0.392134255	0.011141447	-0.216857808	-0.290459444	-0.112135326	0.2144077	0.00147203	0.014109894
YGL02.17575.C1	8.175600653	-0.392741828	-0.071172766	-0.336668997	-0.06165281	0.025918294	0.170724409	0.000931869	0.010200761
YGL02_GNYA1SO04IV7RJ	9.430813939	-0.392755851	0.251212554	-0.116864226	0.107192173	0.014781805	-0.088936117	0.002168427	0.01857801
YGL02.20071.C1	7.814556503	-0.392758565	0.128647826	-0.206982458	0.151554396	-0.0295177	0.328699555	0.002492155	0.020527598
YGL02.13347.C1	10.52323475	-0.392772975	0.011764923	-0.055377438	-0.152870217	0.048039849	0.422142134	0.000436255	0.005928466

YGL02_GNYA1SO04JXCXD	7.296631856	-0.392829845	-0.254151989	-0.006208016	-0.093574888	-0.099643028	-0.23033097	0.003328751	0.02523362
YGL02_GNYA1SO04IVRGN	8.525529409	-0.393055166	0.307426989	0.299537984	-0.067826036	0.194175247	0.464883289	0.003902107	0.028263009
YGL02_GNYA1SO04H9S2Z	8.78900519	-0.393745936	-0.117700092	-0.142563714	-0.098018529	0.231281991	0.297370539	0.007819977	0.046774593
YGL02.21522.C1	9.432924322	-0.394186065	-0.134219984	-0.398770006	0.349317423	0.26020421	0.148778424	0.007098925	0.043585022
YGL02_GNYA1SO04JF85W	9.523990128	-0.394394086	0.088184384	-0.371040164	-0.12520032	-0.00730372	0.434206563	0.000424019	0.005819831
YGL02.1690.C1	9.27315461	-0.394444074	0.215760813	0.087660708	-0.215775368	0.22725343	0.577175321	0.003070271	0.023838567
YGL02.18704.C1	10.341317	-0.394711689	-0.126922813	-0.280676445	0.113709465	-0.088552762	0.138073639	0.00203113	0.017739728
YGL02_GNYA1SO04H3J25	9.724859374	-0.394782434	0.063487585	-0.128756115	-0.321659448	0.010850134	0.52367872	0.001883761	0.016817035
YGL02.15547.C1	8.758893776	-0.39484598	-0.333024158	-0.348098019	0.199129972	0.34825027	0.188523538	0.008447167	0.049349889
YGL02_GNYA1SO04ILRZ0	8.850673755	-0.395008188	-0.326417146	-0.38583333	-0.337102018	0.204073515	0.440951861	0.007879636	0.046994687
YGL02.6398.C2	9.574938237	-0.395338771	-0.315224155	0.444828194	-0.108074587	0.010999557	-0.023517461	0.006034371	0.038834997
YGL02.6613.C1	11.29248497	-0.3953483	-0.202319649	-0.367327888	-0.145224719	0.052601359	0.307818143	0.000155541	0.002878274
YGL02.4122.C1	9.101522415	-0.395691056	-0.285002722	-0.44211252	-0.228280881	0.122819646	0.113106235	0.007158066	0.043869093
YGL02.13439.C2	11.05996507	-0.395798566	-0.005815515	-0.202575701	-0.023552854	0.026059512	0.431620515	0.003398055	0.025601627
YGL02.1125.C2	8.917205599	-0.39583093	-0.151493673	-0.084544849	-0.150956174	0.035784105	0.134701005	0.007877223	0.046986788
YGL02_GNYA1SO04I3SV5	10.02719519	-0.395870771	0.089955844	0.124092009	-0.334980695	-0.034745734	0.376293044	0.004838544	0.033094646
YGL02.3392.C3	10.64221549	-0.39588849	-0.157436981	-0.508864285	-0.000366809	0.133083011	0.615885526	0.001271864	0.012693851
YGL02.6587.C1	9.416249881	-0.396159286	-0.197629804	-0.251786095	0.346651346	-0.07293949	0.127725429	0.000647498	0.007862862
YGL02.1514.C1	8.763970472	-0.396358929	0.131599005	0.135024169	-0.189913058	0.147281766	0.432413257	0.006838635	0.042382784
YGL02.3792.C1	7.911940357	-0.396517047	-0.140244698	-0.464545351	-0.048126397	0.00226131	0.375272592	0.003967575	0.028612371
YGL02.11811.C1	7.575968839	-0.396640016	-0.244488707	-0.221177768	0.473025963	0.377975748	0.473203417	0.003942258	0.028474195
YGL02_GNYA1SO04H3678	8.989296812	-0.396808988	0.254090624	-0.047659905	0.339532366	-0.201176719	0.394001653	0.007216056	0.04412137
YGL02_GNYA1SO04J0QAR	11.1171113	-0.396842561	-0.50979516	-0.261708186	-0.354786541	0.157272264	-0.049462372	0.003094871	0.023973056
YGL02.490.C1	10.34469708	-0.397109108	0.095286003	0.123735876	0.047115887	0.147182899	0.170853864	0.005857826	0.038004075
YGL02_GNYA1SO04JQ918	10.97722813	-0.397366673	-0.032900798	-0.129836417	-0.015525444	0.176479956	0.39199115	0.005306768	0.035388788
YGL02.14837.C1	7.661524766	-0.397418329	0.287702524	-0.511472015	-0.171610849	-0.080509288	0.331817931	0.000487884	0.006417189
YGL02.11023.C1	8.874751619	-0.397677828	0.16650718	0.042254282	-0.047974517	0.126175498	-0.050907461	0.005889257	0.038155189
YGL02.1044.C2	8.372303312	-0.397812723	-0.144370169	-0.036170085	0.236309326	0.124200553	0.162124924	0.003225256	0.024686071
YGL02_GNYA1SO04IPBRI	10.81169567	-0.397860773	-0.261298858	-0.430863791	0.337297669	0.162066847	0.323655842	0.004358383	0.030648513
YGL02.14001.C1	7.122605578	-0.397978537	0.117727747	-0.304308003	0.057913169	0.091612486	0.146121154	0.006749788	0.042013115
YGL02_GNYA1SO04JJNDS	7.919135904	-0.398062249	0.052010466	-0.264351487	-0.027890785	0.270317815	0.288421237	0.00671795	0.041875322
YGL02.8142.C1	9.614268754	-0.398350283	-0.163338961	-0.183661642	-0.095043833	0.157702698	0.250963696	0.001774264	0.016132803
YGL02_GNYA1SO04JOSHP	8.156184952	-0.398443577	-0.366319346	-0.088469636	0.080655867	0.31806091	0.003633305	0.002806137	0.022369258
YGL02.571.C3	12.78019617	-0.398456408	0.10555495	-0.007039546	0.154776295	0.024052983	0.318699144	0.002742318	0.022013653
YGL02.5291.C2	10.23200677	-0.398779914	-0.157410199	-0.763714088	-0.636133757	0.077788623	0.190488472	0.007467097	0.045237197
YGL02.20954.C1	10.55892447	-0.399006448	-0.243198123	-0.237102198	-0.132205463	0.127340597	0.289879431	0.00747163	0.045257486
YGL02_GNYA1SO04IQINE	6.395615912	-0.399171683	0.014732357	-0.147409014	0.204251762	0.06290416	0.005634066	0.008516143	0.049643119
YGL02_GNYA1SO04IG2TF	10.21909917	-0.39918788	0.170776546	-0.738655469	0.026807579	-0.096741365	0.364279317	0.001714771	0.015742416
YGL02.21713.C1	8.088204961	-0.399264989	0.057180709	-0.261024992	0.023863525	0.013764908	0.0264077	0.004359495	0.030651663
YGL02.21172.C1	8.74994724	-0.399864313	0.102807839	-0.105009522	-0.030173414	0.083328755	0.245247014	0.001218823	0.012325077
YGL02_GNYA1SO04H3WAN	8.147204969	-0.400518935	0.033544783	0.098101521	-0.031515505	0.111277747	0.198897504	0.006239372	0.039729804
YGL02.329.C42	7.837404837	-0.400519115	-0.338904695	-0.011246431	0.208139466	0.033302974	-0.000464754	0.005834742	0.037900601
YGL02.1802.C2	9.837852658	-0.400615027	0.019850599	-0.162114694	0.099095911	0.099071796	0.337562416	0.006409522	0.040500988
YGL02.14990.C1	12.5464452	-0.400636037	0.063663921	0.236293883	-0.143637282	0.017158829	0.068385225	0.005513362	0.036376767
YGL02.4691.C1	12.68693327	-0.40080234	-0.010389369	-0.653387365	0.171271306	0.022991788	0.613778394	0.008177534	0.048246973
YGL02.3394.C1	8.4733618	-0.400904885	0.027696167	-0.296512054	-0.038800647	0.0703885	0.421024224	0.002725596	0.021913378
YGL02.20047.C1	5.882916255	-0.400905968	0.506541137	0.005207876	0.119130327	0.116856778	0.240881945	0.003188618	0.024476527
YGL02.22959.C1	9.561530669	-0.401053807	0.078021577	-0.00795696	-0.420103241	0.010336658	-0.199067488	0.000459692	0.006157975
YGL02.18951.C1	7.078889272	-0.401172374	0.002811841	-0.102542039	0.105713814	0.042651224	0.494225223	0.002553665	0.02088624
YGL02.1729.C4	12.08942707	-0.401269231	0.119817244	0.046597535	-0.278573553	0.040180444	0.125603739	0.004658093	0.032164576
YGL02_GNYA1SO04JOI14	9.897172203	-0.401320802	0.326600088	0.266778713	-0.19470913	0.144007686	0.276514748	0.003638179	0.026885201
YGL02.3847.C3	12.39217035	-0.401560183	-0.14906249	-0.218540083	0.099538722	0.092598483	0.152420691	0.002097339	0.018129688
YGL02_GNYA1SO04JQV8O	12.22603966	-0.401662816	0.000382631	-0.148411555	-0.117985909	0.090324663	0.242292652	0.0067886	0.042163495
YGL02.3462.C2	9.519832159	-0.401757634	-0.133374522	-0.424015646	-0.047738445	0.214284298	0.279635178	0.00042365	0.005818377
YGL02.23692.C1	8.936180594	-0.401815375	-0.124317765	-0.264689278	-0.001412096	0.110681143	0.213679266	0.000866627	0.009687594
YGL02_GNYA1SO04IUZ7R	7.701791597	-0.4021684	0.124011733	-0.097934279	-0.232466991	0.115369311	0.621412777	0.005926245	0.038319512
YGL02_GNYA1SO04IKF5Z	11.11704018	-0.402396627	-0.103933564	-0.374487721	-0.095292154	-0.011642809	0.192537236	0.002396056	0.019966796
YGL02_GNYA1SO04JV1BS	9.756249033	-0.402484753	-0.009765115	-0.139273901	-0.132678988	0.20515285	0.385846075	0.00198306	0.017454085
YGL02.4588.C1	8.58665434	-0.402661457	0.075757991	0.011504475	-0.204415821	0.192799203	0.447338149	0.003116162	0.02409315
YGL02.12146.C1	8.991762889	-0.402787921	0.11828288	-0.072665323	-0.123233087	0.051952131	0.324503674	0.000690255	0.008228737
YGL02_GNYA1SO04I03YY	14.09011384	-0.402864782	0.084390817	-0.156474285	0.007116774	0.109638017	0.301648286	0.007480728	0.045293529
YGL02.4442.C1	9.221575251	-0.402883232	0.193866243	-0.288286656	-0.118852987	0.043392532	0.687610062	0.008235502	0.048483032
YGL02.20083.C1	7.526581448	-0.402948122	-0.313092242	-0.223544764	-0.206363968	0.096218173	0.227808922	0.002002645	0.017563342
YGL02_GNYA1SO04I66PA	9.085839577	-0.402948378	0.029446567	-0.146477854	-0.20500146	0.116308426	0.306585377	0.00730622	0.044513742
YGL02_GNYA1SO04H07ZI	12.46232716	-0.402998345	-0.138453904	-0.131181103	0.13409	0.133408114	0.283859599	0.001581162	0.014853609
YGL02.5542.C1	8.731599169	-0.403246042	0.098888669	-0.508048097	-0.094491605	-0.095204098	0.344772703	0.005341761	0.03557264
YGL02.3426.C1	12.76512248	-0.403452464	-0.081085271	-0.112880896	-0.261824391	0.096302857	0.338131767	0.000412132	0.005711706
YGL02.1632.C2	8.468376512	-0.403845278	-0.01698533	0.653931119	-0.268647423	-0.015399426	0.427418456	0.003433395	0.02578986
YGL02_GNYA1SO04I1IZD	8.913461862	-0.403915913	0.099827929	-0.337372182	-0.466102363	-0.027689874	0.211205544	0.003993226	0.028747981
YGL02.8887.C1	7.026572772	-0.403938963	-0.184615657	-0.224308001	0.09412529	-0.144637317	0.206258538	0.003947734	0.028503525
YGL02.1757.C1	11.86285057	-0.403941682	-0.006028197	-0.317898626	-0.179465788	0.110273013	0.48766384	0.00098342	0.010587016
YGL02.21694.C1	8.592074278	-0.404033876	-0.102851918	-0.256857998	0.029399023	0.150929665	0.075193214	0.006011361	0.03871963
YGL02_GNYA1SO04JF200	7.666490729	-0.404151	-0.108596549	-0.350045904	-0.138739023	0.325548991	0.329130976	0.001930541	0.017130545
YGL02_GNYA1SO04I6EQY	11.45751644	-0.404265836	0.175228075	-0.016172377	0.009300747	0.087936671	0.226523868	0.00022462	0.00372547
YGL02.19715.C1	9.956550978	-0.40436973	-0.026815091	-0.707235582	-0.103151443	0.181077342	0.674627096	0.004395545	0.030836635
YGL02.11042.C1	10.77908282	-0.404380988	-0.169460176	-0.303656795	0.00682877	0.215616581	0.506027964	0.000423841	0.00581918
YGL02.13952.C1	8.416013032	-0.404737693	-0.013145633	-0.436266942	0.002699246	0.010784289	0.359244489	0.000830947	0.009408585
YGL02_GNYA1SO04H6I6U	8.646427732	-0.404772507	-0.128309139	-0.141065033	-0.007097012	0.086356771	0.19170647	0.001287672	0.012811751
YGL02_GNYA1SO04ID2TP	9.816056491	-0.404790597	-0.078496256	-0.230405637	0.22444912	-0.022343876	0.196820562	0.000499275	0.006512388
YGL02_GNYA1SO04JAIZ7	8.110047164	-0.405034023	-0.248706856	-0.376016919	-0.052280735	0.42026433	0.649703008	0.004862522	0.033207569
YGL02_GNYA1SO04JRZRG	11.98747108	-0.405142816	-0.037533055	-0.448110464	-0.306772318	0.044732673	-0.075556245	0.000481586	0.006359145
YGL02.5941.C1	3.295638439	-0.405198302	-0.162758327	-0.261045452	-0.043061551	0.226930163	0.305539371	0.006824562	0.042330008
YGL02.11492.C1	8.19620514	-0.4053101	-0.265981274	-0.131153236	-0.231530326	0.126520452	0.346744109	0.002305805	0.019424712
YGL02.7708.C2	14.47612918	-0.405401418	0.060067776	-0.19068531	-0.108140453	-0.011287584	0.21878405	0.000368748	0.00528172
YGL02_GNYA1SO04IA88U	9.634417073	-0.405728749	-0.172222451	-0.209975506	-0.225109112	0.114176345	0.196635087	0.000275815	0.004309532
YGL02_GNYA1SO04JFAQ2	12.33531154	-0.405831909	0.099004455	-0.291374188	-0.234500336	-0.000234958	0.250787248	0.000807237	0.009222951
YGL02_GNYA1SO04IEYMI	10.26683577	-0.406152003	0.008117365	-0.208283813	0.010059069	-0.021922762	0.323099571	0.000391517	0.005511535
YGL02.9023.C1	8.967152408	-0.406589611	0.320827178	0.310131454	-0.171346383	0.223678958	0.310498384	0.001387463	0.013513208
YGL02.11302.C1	11.85808489	-0.40678742	-0.003990919	-0.587870211	-0.396935137	-0.065368799	0.458536803	0.001896748	0.01690001
YGL02.852.C3	15.15036919	-0.406893797	-0.001621412	-0.143282338	-0.130351805	0.069961827	0.26831997	0.00311983	0.024114315

YGL02.20959.C1	8.913144281	-0.40701528	-0.034679052	-0.046051922	-0.024260243	0.11016125	0.174919571	0.001453632	0.013988424
YGL02.19497.C1	9.903425012	-0.407079862	-0.032530339	-0.387218289	-0.073099584	0.012609202	0.324188358	0.000460216	0.006161801
YGL02_GNYA1SO04I814C	8.710168441	-0.407346158	-0.741763261	-0.608362655	0.283559686	0.435146783	0.427985478	0.0008191	0.009311065
YGL02.16336.C1	7.945436368	-0.407454274	-0.258657433	-0.390919246	0.344382892	0.16579117	0.174182345	0.004359668	0.030651663
YGL02_GNYA1SO04IML3A	7.783872813	-0.407484191	0.091014162	-0.133595148	-0.03583213	0.083615881	0.045691729	0.00103121	0.010953941
YGL02_GNYA1SO04IV3IJ	7.405613886	-0.407957077	-0.131314523	0.19101618	0.036394721	0.285367938	0.351719403	0.008181932	0.048261928
YGL02_GNYA1SO04I8EXE	13.46050827	-0.407973158	0.044264979	-0.091752208	-0.097669262	0.094761402	0.425970073	0.001094678	0.011409124
YGL02_GNYA1SO04I9IS8	8.335009632	-0.408378961	0.035357583	0.466025788	-0.131152944	-0.075383941	-0.117869646	0.00179144	0.01624563
YGL02.9132.C1	9.73045393	-0.408513391	0.104309115	-0.218034832	0.106841123	0.172927461	0.254780635	0.000204457	0.003479454
YGL02.19245.C1	7.936638573	-0.408603815	0.038167705	-0.12192058	-0.002635858	-0.043130148	0.186741928	0.003325964	0.025219875
YGL02.9109.C1	15.37266406	-0.408691768	0.013295135	-0.268367885	-0.032388985	0.026510078	0.285804747	0.001439164	0.013886109
YGL02.5150.C1	10.07509969	-0.40874899	-0.15884032	-0.315363001	-0.283505237	0.325303164	0.509658555	0.001078715	0.011301879
YGL02.10665.C1	8.396713032	-0.408753263	-0.052602926	-0.276494734	0.30203263	0.18483465	0.369100127	0.000496594	0.00648933
YGL02.1523.C1	8.889310317	-0.409129804	-0.059588724	-0.499751627	0.359531265	-0.016434944	0.338077569	0.007898545	0.047068444
YGL02.8913.C1	7.116420154	-0.409497014	-0.068752886	-0.025464434	-0.083034061	0.270577741	0.518807848	0.00122683	0.01238187
YGL02_GNYA1SO04JMSZU	9.59148335	-0.409577726	-0.121614277	-0.410036654	-0.055225915	-0.045008623	0.139473576	0.000694877	0.008268403
YGL02_GNYA1SO04JANOF	7.564109594	-0.410165202	-0.711113991	-0.586255355	0.135917272	0.110500354	0.171018928	0.008587628	0.049918299
YGL02_GNYA1SO04JVEIS	9.757289512	-0.410326569	-0.193874236	-0.497983825	0.095639883	0.20204917	0.529729853	0.004247604	0.030067842
YGL02.17456.C1	8.567697172	-0.410340818	0.057544072	0.045242979	-0.035424799	0.02189684	0.198986975	0.002792931	0.022291435
YGL02.16612.C1	9.597134359	-0.410505567	0.030842386	-0.10690379	0.4952699	0.153538492	0.090354636	0.004055627	0.029099889
YGL02_GNYA1SO04IUH14	7.520819336	-0.410710434	-0.108291967	-0.840549918	0.205614015	0.458103915	0.402381668	0.003370346	0.025459515
YGL02.7534.C1	8.189108936	-0.411181607	-0.226308582	-0.627470437	-0.087338646	-0.097503495	0.535984021	0.003593539	0.026667076
YGL02_GNYA1SO04JQJTN	10.03121547	-0.41192004	-0.516602622	-0.602204371	-0.367576283	0.266180276	0.240954769	0.006766062	0.042073961
YGL02.14756.C1	7.602664061	-0.411992101	-0.052071134	-0.440675823	1.089297008	-0.128017996	-0.00016632	0.004707047	0.032431624
YGL02.23297.C1	6.177859423	-0.412092381	-0.163998759	-0.182285426	0.150633999	0.136231049	0.219899565	0.000111995	0.002294548
YGL02.2836.C1	8.496168311	-0.412154041	-0.013467052	-0.187285166	-0.379218711	0.121008426	0.603288615	0.000993769	0.010662051
YGL02.11757.C1	12.49998281	-0.412190833	-0.289160385	-0.538073978	-0.173819116	-0.028789881	0.507666216	0.002563776	0.020941301
YGL02.1860.C4	9.857862376	-0.412558785	0.138390282	-0.045222514	-0.190194271	-0.019319603	-0.001812291	0.001085885	0.011344881
YGL02.18514.C1	7.960891932	-0.412905343	-0.052456911	-0.162788543	-0.053499674	0.215217291	0.404939513	0.002716123	0.02185757
YGL02.1452.C1	7.146204943	-0.413036504	-0.263662796	-0.891886382	0.227480578	0.071869142	0.635762869	0.005600742	0.036818309
YGL02.3951.C1	13.62600299	-0.413299633	0.198711045	-0.016933709	-0.027783033	0.046065515	0.491117201	0.001698936	0.015643434
YGL02.8825.C1	8.574167675	-0.413392242	-0.005578709	0.095331752	-0.370641809	0.090786811	0.036438549	0.001904231	0.016950357
YGL02_GNYA1SO04IJFZI	9.594915298	-0.413455923	-0.113278832	0.038572645	-0.152704748	0.209909254	0.19459622	0.001787902	0.016222174
YGL02.16659.C1	9.896660939	-0.413465902	-0.075247582	-0.251281266	0.391361834	0.179934252	0.011813877	0.001205701	0.012234422
YGL02_GNYA1SO04JD1XH	9.3434784	-0.41395399	0.040568909	-0.245336334	-0.122060344	-0.02684152	0.416950145	0.001073129	0.011257016
YGL02.3704.C1	9.08746772	-0.414277061	0.178149356	-0.304923852	-0.115025737	0.135790904	0.326896915	0.004305955	0.030366047
YGL02.16114.C1	8.943953385	-0.414318542	-0.078111799	-0.010940961	-0.194114267	0.013753824	0.229742893	0.001953903	0.017272588
YGL02.19092.C1	9.642470115	-0.414769484	-0.288405675	-0.324914843	0.007988112	0.149545963	0.390936266	0.000478804	0.006330827
YGL02.9024.C2	9.510549787	-0.414800604	0.143530868	0.011234021	-0.130859934	0.043303488	0.183729534	0.000756043	0.008800529
YGL02.5451.C1	9.990853095	-0.415162477	-0.205497879	-0.315552165	-0.308035896	0.048954708	-0.238866696	0.005378753	0.03573131
YGL02_GNYA1SO04IGJRB	9.621296015	-0.415257902	-0.40169546	-0.423050148	0.562517727	0.138414466	-0.043304687	0.008406827	0.049187445
YGL02.12901.C1	9.941891004	-0.415423078	0.063951537	-0.102366159	-0.025765212	0.062985077	0.319895454	0.007624088	0.045908249
YGL02.5732.C1	8.105480175	-0.415460092	0.707946963	0.3076614	-0.148080857	-0.203780341	0.275151038	0.00189334	0.016876611
YGL02_GNYA1SO04H3P80	8.115433338	-0.415824515	0.130234256	-0.269238437	0.687606072	0.002091707	0.284083004	0.000663528	0.00799753
YGL02.16193.C2	7.415735869	-0.416111905	-0.121294297	-0.083233629	-0.072247611	0.139804677	0.224048718	0.000135428	0.002617943
YGL02.4305.C1	11.87103441	-0.41620427	-0.311677196	-0.410092448	0.070474109	0.279273875	0.387355608	0.000556817	0.007056133
YGL02_GNYA1SO04IYPZL	9.508111108	-0.416267541	-0.737809558	-0.587517596	0.330601726	-0.012458696	0.420688037	0.0027171	0.021862747
YGL02.3860.C1	11.62870493	-0.416470481	0.25079919	-0.139913603	-0.150079885	-0.046985465	0.174723559	0.000309464	0.004681104
YGL02.16148.C1	11.99466638	-0.416807276	-0.143679325	-0.249538145	0.544471914	0.0624306	-0.041911454	0.007189548	0.044001432
YGL02_GNYA1SO04JWS8E	8.209032628	-0.417027987	-0.258546093	0.128440044	0.182719392	0.029265364	0.15596972	0.008114086	0.047990703
YGL02.13378.C1	8.819260731	-0.417188972	-0.046966842	-0.290271232	-0.32781456	0.053851213	0.357794476	0.007003368	0.043123048
YGL02.17739.C1	10.09489256	-0.417455958	-0.14151206	-0.382813913	-0.023487825	0.208571224	0.347970192	0.000535131	0.006852397
YGL02_GNYA1SO04IZ19E	8.591182618	-0.417480701	-0.181214503	-0.269244926	-0.198614748	0.072864624	0.446080483	0.007068065	0.043452672
YGL02.16629.C1	8.523768185	-0.41750431	0.091787894	-0.212781059	-0.27932141	0.01333078	0.157562657	0.004142269	0.029544769
YGL02_GNYA1SO04JFQPY	8.605977066	-0.417580415	-0.539369928	-0.632160667	0.044825049	0.146857267	0.442230302	0.000757716	0.008813665
YGL02.17743.C1	10.1137617	-0.41763733	-0.112018652	-0.293810882	-0.196796646	0.073689952	0.375571527	0.006280803	0.039909241
YGL02.15666.C1	10.73688875	-0.417825595	-0.043762373	-0.33326934	0.115049789	0.108131906	0.391864312	0.008441357	0.049325991
YGL02_GNYA1SO04I2CNM	9.826541892	-0.418082577	-0.314645094	-0.026930231	0.698494769	0.122013329	0.01956862	0.003248428	0.024809171
YGL02.7281.C1	8.521169541	-0.418094697	0.076766242	-0.284300204	-0.384964483	-0.0127155	0.17642999	0.00070041	0.008315902
YGL02.9625.C1	8.065711523	-0.41830738	0.116770307	-0.097652125	-0.046777962	-0.087611251	0.026021852	0.000945541	0.010308369
YGL02_GNYA1SO04JEHUB	9.760025688	-0.418395168	-0.240521203	-0.465531032	-0.03885593	-0.051749207	0.043160158	0.003176655	0.024412104
YGL02.329.C9	10.90694535	-0.418476007	-0.151653024	-0.417227517	-0.051312196	0.245768295	0.282744439	0.006788297	0.042163495
YGL02.13444.C1	8.769421754	-0.418584078	-0.032303476	-0.191215513	-0.050161294	0.183598599	0.414180342	0.002656742	0.021490552
YGL02.1659.C2	7.428508188	-0.418674056	0.669157594	0.414899088	-0.192541768	0.168434089	-0.004480494	0.007860698	0.046931451
YGL02.1335.C2	9.531057698	-0.418740676	-0.234108282	-0.027848626	-0.512026459	-0.277030254	-0.247009994	0.005953476	0.038438554
YGL02.17.C1	10.59157763	-0.418761339	-0.151123885	-0.256972283	-0.432752292	0.008759477	0.305195957	0.000454477	0.006105777
YGL02_GNYA1SO04JWG9Q	10.16994167	-0.41877071	-0.190114561	-0.254783374	-0.082905415	0.256824848	0.512944272	0.000160851	0.00294248
YGL02.18740.C1	5.433798287	-0.418786315	-0.282567689	-0.348825173	0.248967471	-0.00091751	0.465436177	0.000471627	0.006266636
YGL02_GNYA1SO04JJIO3	9.594181458	-0.418987279	-0.460071029	-0.282913817	0.107798452	0.689173015	0.796657	0.000954175	0.010381749
YGL02.6004.C3	8.052096993	-0.419252954	0.058482592	-0.070708174	0.023706958	0.224534412	0.523600019	0.000182138	0.003208074
YGL02.4653.C1	8.070809586	-0.419293145	0.359182361	0.084981287	-0.165450608	-0.133248168	0.004687932	0.000836517	0.009450792
YGL02_GNYA1SO04IQ046	8.580782091	-0.41931167	0.003388853	-0.669037151	0.034872643	-0.125929859	0.378550956	0.001337844	0.013169735
YGL02.6427.C1	8.763706979	-0.419484769	0.064181943	-0.046904118	-0.374008809	-0.091146666	0.107665372	0.005204636	0.034898202
YGL02_GNYA1SO04JBMDW	9.996202597	-0.419616088	-0.509963969	-0.483521252	0.195291249	0.325137472	0.238938221	0.001199955	0.012186618
YGL02.7887.C1	10.57778783	-0.419695938	0.028661419	-0.456343948	0.104197579	-0.171809497	0.187306757	0.000244413	0.003949462
YGL02.18365.C1	6.587509074	-0.419777511	0.290389212	-0.647791796	0.018884981	0.082712981	0.769602368	0.002673906	0.021580868
YGL02.1372.C1	8.786383971	-0.419824513	0.396279651	0.392466755	-0.223234898	0.067757974	0.229429894	0.002095164	0.018120874
YGL02_GNYA1SO04ILNP1	9.550536444	-0.419943107	-0.546291744	-0.028256614	-0.073789056	-0.408635802	-0.077887629	0.000486611	0.006404619
YGL02.4444.C1	9.500723554	-0.420531291	-0.499722096	-0.225577586	-0.333344704	0.030654319	0.023575723	0.002757612	0.022088495
YGL02_GNYA1SO04H81GF	9.802633727	-0.420748963	0.673758051	0.892612476	0.139013429	-0.152355126	0.08296346	0.006755767	0.042028105
YGL02.1726.C1	9.437628691	-0.420789563	-0.04970551	-0.028644471	0.045319974	-0.031645038	0.552382258	0.001342824	0.013204296
YGL02.14805.C1	6.96860445	-0.42111806	-0.350035922	-0.08134997	-0.010764	0.402198607	0.140163439	0.001587138	0.01489621
YGL02.1706.C3	7.584054494	-0.421157006	0.008103446	-0.065474132	0.000405521	-0.059018592	0.341675128	0.003336132	0.025274782
YGL02.8624.C1	8.924094052	-0.421447933	-0.256287761	-0.591098255	0.193939252	0.024403007	0.298150302	0.002097228	0.018129688
YGL02_GNYA1SO04IHCIY	8.916236926	-0.421478445	0.132745948	0.130088582	0.041090665	0.046596393	-0.074398313	0.00117814	0.012034905
YGL02.2685.C1	10.36146713	-0.421650434	-0.039592201	-0.37855642	-0.230461933	-0.19603239	-0.16485865	0.002326259	0.01953653
YGL02_GNYA1SO04IYGUX	9.607922149	-0.421758201	-0.145632027	-0.365600664	0.017535465	0.070942346	0.288631305	0.005112503	0.034428391
YGL02_GNYA1SO04I5WSJ	8.013462634	-0.421784402	-0.007063055	-0.006904654	-0.136424631	0.2297593	0.26676392	0.002284345	0.019290939
YGL02.735.C1	9.306209484	-0.421974974	-0.101579653	-0.442408295	0.115593116	0.109252191	0.239883466	0.001352753	0.013268083
YGL02.17196.C1	7.303396279	-0.422028782	-0.087228763	-0.020758413	0.085597768	0.051992655	0.419042721	0.005255219	0.035162725

YGL02.22687.C1	5.518195386	-0.422194863	-0.128176047	-0.195465111	0.077285236	0.135454206	0.446446104	0.001212394	0.012286487
YGL02_GNYA1SO04JIOEH	7.403488318	-0.422202953	-0.402620572	-0.690079245	-0.257030112	0.355524742	0.69682256	0.003121971	0.024125104
YGL02_GNYA1SO04I0B9B	10.68386406	-0.422214144	-0.190934871	-0.050891835	-0.145719801	0.224237188	0.341945958	0.001585608	0.014888526
YGL02.15661.C1	9.301130526	-0.422311064	-1.078338612	0.432211095	0.14194575	0.0215826	0.120128838	0.004197186	0.029828964
YGL02.7908.C3	9.366893733	-0.422411765	0.095309864	0.366234461	-0.076185406	0.099002922	0.108413463	0.001698942	0.015643434
YGL02.21562.C1	7.265211793	-0.422440258	-0.162767876	-0.248294033	0.864379341	0.143191468	0.066738034	0.003972034	0.028634958
YGL02.21893.C1	3.215024849	-0.422573806	-0.422381805	-0.421029602	0.060490393	0.451709672	0.507168168	0.000853211	0.009586059
YGL02.18137.C1	10.03165314	-0.422608859	0.194650766	-0.033259884	-0.284424085	0.169983935	0.238135762	0.000953386	0.010374912
YGL02.6751.C1	9.030801759	-0.422787929	-0.208753254	-0.256138056	-0.04710329	0.216173296	0.330377492	0.003940009	0.028462709
YGL02.22859.C1	7.247206325	-0.42290203	-0.165062413	-0.021278691	-0.028342544	0.30094486	0.175874276	0.002626296	0.021305492
YGL02_GNYA1SO04JSGWH	10.41547758	-0.423370169	-0.092429458	-0.284611556	0.260986331	0.148920625	0.229684286	0.000176882	0.003144174
YGL02.5435.C3	8.371827387	-0.423633914	0.381624325	-0.034297298	-0.011618406	-0.179884557	-0.038551001	0.001738462	0.015899535
YGL02.14390.C1	4.98295504	-0.423669819	-0.076020434	-0.838183137	0.057173522	-0.144484267	0.530746177	0.008058551	0.047759482
YGL02_GNYA1SO04IH0S0	8.669962534	-0.42370149	-0.490516956	-0.372071592	0.393464048	0.103416399	0.295652088	0.002402352	0.019997402
YGL02.19594.C1	7.707621428	-0.423721621	0.080972124	-0.183420018	-0.139161151	0.171981168	0.229343124	0.001945749	0.017221196
YGL02_GNYA1SO04ICNI9	9.88561921	-0.42373063	0.015676815	-0.225721351	0.048076712	0.099593722	0.167967629	0.000935493	0.010226597
YGL02_GNYA1SO04IH0PT	9.814657624	-0.42377997	-0.026728725	-0.166540611	-0.242260183	0.20733949	0.446364082	0.004546378	0.031580007
YGL02_GNYA1SO04IANXW	10.3097036	-0.423781981	-0.175259793	-0.627418386	0.120072574	0.004371979	0.587732145	0.000176024	0.003134584
YGL02.12928.C1	9.217205993	-0.423804437	0.027884029	-0.51490073	-0.216421856	0.196570527	0.102246336	0.005159621	0.034669972
YGL02.5269.C1	9.525105829	-0.424298737	-0.01024161	-0.136096947	-0.16813233	0.036141105	0.438199379	0.000366751	0.005261161
YGL02.1517.C4	6.412387713	-0.425055513	0.898544966	0.887711879	-0.300941456	0.080810087	0.136169975	0.008482843	0.049504717
YGL02_GNYA1SO04H9EZ7	8.215197114	-0.425136814	0.243711787	-0.449369309	0.106730227	0.162602116	0.748308086	0.004666803	0.032205745
YGL02.2828.C3	14.83622783	-0.425306399	-0.024408099	-0.28166515	-0.015304601	0.111074783	0.464409675	0.000583371	0.007289222
YGL02_GNYA1SO04I322Z	9.731738493	-0.425356333	-0.115093835	-0.154243004	-0.027329274	0.115081159	0.391758776	0.001319937	0.013035997
YGL02.11722.C1	8.181583905	-0.425401996	-0.267760781	-0.479060454	-0.083765667	0.076956748	0.320066404	0.001501619	0.014313447
YGL02.5677.C1	11.02073753	-0.425510348	-0.074125032	-0.25036569	0.164861992	0.077612391	0.28142151	0.000339134	0.004986317
YGL02.1378.C1	8.933222382	-0.425676056	0.238829394	-0.088031946	-0.166754858	-0.006975829	0.225716769	0.008053825	0.04774113
YGL02.12371.C1	3.357680841	-0.425813133	-0.080820302	-0.316831435	-0.103013248	0.129740791	0.342863213	0.003848937	0.027992189
YGL02_GNYA1SO04JDXQP	9.283560198	-0.42599485	0.268746612	-0.673572856	-0.127162025	0.057177325	0.386535517	0.00520887	0.034916308
YGL02.6053.C2	14.54424538	-0.426121761	-0.064656915	-0.206929447	0.120045518	0.075125227	0.227604472	0.002104341	0.018175654
YGL02_GNYA1SO04IZWQ0	8.832668895	-0.426652188	-0.422020063	-0.215253804	0.010586102	0.272576363	0.386526354	0.001897882	0.016907783
YGL02.10256.C1	8.650534399	-0.427047887	-0.371889301	-0.442683351	-0.233523749	0.065972148	0.460845973	0.003771001	0.02758807
YGL02_GNYA1SO04JDT7D	7.276369448	-0.427116385	0.377970093	-0.452754883	0.161749348	0.212435832	0.426231231	0.002793252	0.022292342
YGL02.16867.C1	9.210890214	-0.427184609	-0.096620454	-0.627153474	-0.190997521	-0.01884071	0.213179216	0.000654603	0.007921676
YGL02_GNYA1SO04ISVUL	7.488507883	-0.427264195	-0.105647124	-0.275571355	-0.104075622	0.090479158	0.627984919	0.001414969	0.013709068
YGL02.15431.C1	6.03636849	-0.427416278	-0.056757004	-0.311657736	0.029310003	0.163105188	0.345148963	0.002946294	0.023122153
YGL02_GNYA1SO04JEDQE	9.85148493	-0.427631009	0.004112274	-0.183287282	0.548241196	-0.01423814	0.002764628	0.003076009	0.023861044
YGL02.4329.C3	11.77501635	-0.427640284	-0.182628504	-0.289175656	-0.101530938	0.048332843	0.543887638	0.000782989	0.009012927
YGL02_GNYA1SO04I2WKP	7.702571714	-0.428181993	-0.342825422	-0.408062199	-0.038495497	0.082073512	0.347637926	0.005924767	0.03831575
YGL02.23301.C1	7.377042814	-0.42847131	-0.151578939	-0.654958528	0.166868395	0.02179648	0.381934035	0.0017892	0.016231
YGL02_GNYA1SO04JP94B	13.15626789	-0.428921671	-0.007222087	0.002805069	0.009624781	0.129451947	0.315293828	0.000331926	0.004914669
YGL02.18536.C2	8.076126836	-0.429050096	-0.074415971	-0.293975688	0.422811332	0.080198651	0.185560485	0.006872286	0.042532308
YGL02.5008.C2	8.620111115	-0.42906012	0.368224475	0.055636277	-0.098832034	0.233954648	0.197104473	0.004201364	0.029849535
YGL02.20993.C1	9.256736778	-0.429136506	0.017726003	-0.467329798	-0.107746667	0.153337729	0.486546299	0.000773153	0.008933047
YGL02.183.C1	10.45678621	-0.429269662	-0.112124676	-0.31293822	-0.118827839	0.277647212	0.563331998	0.000436266	0.005928466
YGL02.1707.C1	10.95755804	-0.429393409	-0.291717021	-0.524964063	-0.029928082	0.305877142	0.613507769	0.001533345	0.014542611
YGL02.21228.C1	8.340600083	-0.42946012	-0.000171241	-0.319913775	-0.061986925	0.16491735	0.262618835	0.003679078	0.027092355
YGL02_GNYA1SO04IBBDN	8.821986277	-0.429583532	-0.095228192	-0.254016414	0.01296373	0.081152452	0.436284898	0.001897781	0.016907783
YGL02_GNYA1SO04JBU2L	9.579833692	-0.429619448	-0.039015195	-0.348092561	-0.162264543	0.006149886	0.541293102	0.003511506	0.026216913
YGL02.11270.C1	8.517647572	-0.430213668	0.328418096	0.154789056	0.082377879	-0.056785631	-0.057889305	0.001458019	0.014017103
YGL02.3392.C1	10.57817268	-0.430300358	-0.19120022	-0.593703684	0.078893702	0.168438755	0.670202497	0.000427287	0.005842951
YGL02_GNYA1SO04I4XMN	8.536301849	-0.43036369	-0.189581327	-0.439950059	-0.081345921	0.167351465	0.438867977	0.007318179	0.044569825
YGL02.14278.C2	9.133262139	-0.430483741	0.121954952	-0.083876808	-0.16766929	-0.06863404	0.212708697	0.000193066	0.003344573
YGL02.7532.C1	10.83212095	-0.430532041	-0.138364596	-0.75908991	-0.068914401	-0.081290943	0.157856653	0.000998413	0.010696058
YGL02.2286.C2	11.56340719	-0.430652469	-0.067531279	-0.314601576	0.03208212	0.11286563	0.468760214	0.002193781	0.018738452
YGL02.10116.C2	10.25635378	-0.430706727	0.186830421	-0.066466897	-0.05909494	0.047031275	0.488946399	0.000343559	0.005032168
YGL02.14784.C2	7.632213872	-0.4308508	-0.275130264	-0.331978074	0.086596549	0.280381631	0.380207226	0.00627231	0.039868964
YGL02_GNYA1SO04I01MO	15.90957451	-0.430884651	-0.111355292	-0.213593803	-0.395597004	0.106514928	0.366291905	0.000572654	0.007197658
YGL02.16328.C1	7.536535864	-0.430919045	-0.090924656	-0.177523565	0.004445389	0.18316862	0.298943069	0.002439739	0.020217626
YGL02.23416.C1	10.34444332	-0.430958088	0.018177365	-0.119572279	-0.224194475	0.249163114	0.263670128	0.000161472	0.002951339
YGL02_GNYA1SO04H14DI	10.91394371	-0.430998119	-0.230020705	-0.368876586	0.00350372	0.166879576	0.201174602	0.002416423	0.02007978
YGL02.1601.C1	7.962345462	-0.431028948	-0.007994607	-0.384282424	0.206294859	0.070919755	0.527929136	0.007664083	0.046080509
YGL02.11966.C1	6.621949106	-0.431113557	0.090079808	-0.683280021	0.109605293	0.54715804	0.590466236	0.006479484	0.040807267
YGL02.12457.C1	9.49095788	-0.431131477	-0.506350552	-0.18572386	-0.010678705	0.417331196	0.352232643	0.005924295	0.03831575
YGL02_GNYA1SO04IEUDS	14.29397868	-0.431223485	-0.008884798	-0.30255721	0.204892036	0.079755231	0.23924435	9.95E-05	0.002117008
YGL02_GNYA1SO04JF6P6	8.786275357	-0.431237912	0.141549345	-0.139652028	0.145084718	-0.293630368	-0.258954688	0.002801782	0.022344731
YGL02.4803.C1	11.87928346	-0.431506182	-0.225970893	-0.313842973	-0.416698883	-0.208246042	0.097875974	0.002583377	0.021050949
YGL02.3014.C1	10.65573859	-0.431800828	-0.076209251	-0.290642749	-0.076028433	-0.066175148	0.034162931	0.001828315	0.01648077
YGL02.7381.C1	8.907551735	-0.431959993	-0.068590915	-0.414083178	0.057624188	0.126265189	0.252768383	0.003284251	0.025007942
YGL02.11598.C1	7.241754795	-0.432032298	0.053174655	0.739713403	-0.271572726	0.077877444	0.271541818	0.000326581	0.004856069
YGL02_GNYA1SO04H06KT	8.391742196	-0.43223054	-0.121425784	-0.472838561	0.441346775	0.178314938	0.177102514	0.006056444	0.038921462
YGL02.14006.C1	8.050556166	-0.432413981	-0.020181637	-0.418724766	0.106859131	0.297129811	0.395752556	0.004116372	0.029411897
YGL02_GNYA1SO04JIQBI	15.19731432	-0.432655307	-0.064854699	-0.224255492	-0.100685286	0.11019226	0.277132895	0.004165641	0.029668978
YGL02.2477.C1	9.303673543	-0.433049766	-0.01356808	0.029020806	-0.214933842	0.168078953	0.269931887	0.004071779	0.029174083
YGL02.5652.C15	10.12425488	-0.433264411	-0.141165472	-0.488910921	0.019537889	0.186228651	0.379297318	0.008011093	0.047568391
YGL02.15730.C1	7.539054942	-0.433352314	-0.208401015	-0.907424662	0.020460696	0.18822993	0.328397981	0.008556196	0.049786956
YGL02.2828.C2	14.64148916	-0.433931813	-0.011576512	-0.249887262	-0.046411088	0.118998573	0.453049369	0.000337287	0.004967348
YGL02_GNYA1SO04I8404	9.136359443	-0.433939205	0.457042835	0.183515003	-0.472693506	-0.112084365	-0.046327509	0.000580429	0.007265063
YGL02.3626.C2	9.783211865	-0.434203166	-0.076102883	-0.225659407	-0.061680015	0.145670761	0.224803721	0.001083803	0.011328611
YGL02.13902.C1	12.50956557	-0.43431951	0.482684173	0.013005147	-0.156768365	0.045194643	0.506536788	0.004580936	0.031762126
YGL02.114.C3	9.420014501	-0.435008307	-0.020591754	-0.257788062	0.08294798	0.133065386	0.12298336	0.004466414	0.031186826
YGL02.6412.C1	9.036696945	-0.435052101	-0.146865238	-0.234420786	-0.128288847	0.096871471	0.228737834	0.000150101	0.002811364
YGL02_GNYA1SO04H58F8	10.09234867	-0.435144651	0.10428229	-0.027035644	-0.21677949	-0.012686839	0.154033254	0.000346132	0.005060776
YGL02.1298.C1	10.93290538	-0.435296598	-0.025082741	0.188050359	-0.182247411	0.001666772	0.266672478	0.004950975	0.033668041
YGL02_GNYA1SO04I3IRW	7.978922933	-0.435385477	0.107142176	-0.261375539	-0.034252344	-0.035458863	0.319977911	0.005839038	0.03791519
YGL02_GNYA1SO04JMN8C	9.819993152	-0.435444727	-0.111057881	-0.644057196	-0.093341941	0.029886941	0.394640101	0.007757474	0.046488773
YGL02_GNYA1SO04I4RWY	10.87646758	-0.435461246	-0.091935635	-0.387588472	-0.430989572	0.031116549	0.262145015	0.004453034	0.031118566
YGL02_GNYA1SO04JWBPD	12.84378796	-0.435772413	0.146248426	-0.032524257	-0.344762073	0.052807977	0.203041022	0.001700921	0.015652751
YGL02.8523.C2	8.727387755	-0.435792218	0.056024687	-0.4358868	0.032374198	-0.037044501	0.405062186	0.004718972	0.032484403
YGL02_GNYA1SO04H6IWF	6.988472687	-0.435852986	0.022478865	-0.104421266	0.234138808	0.445227795	0.210917211	0.007309628	0.044528216

YGL02.37.C1	11.29224929	-0.436322224	-0.0791901	-0.135958479	0.294466914	0.125653545	0.51831092	0.002819847	0.022450828
YGL02.6425.C1	12.89109436	-0.436580527	-0.043965149	-0.121425744	0.149067316	-0.039711776	0.398060951	0.003663721	0.027024603
YGL02_GNYA1SO04IWK1N	9.052866407	-0.436846375	0.483734879	0.319667476	-0.102537567	-0.177860616	0.238384459	0.000804315	0.009194659
YGL02.5677.C2	10.63416863	-0.436936585	-0.043471322	-0.424067546	-0.010055409	-0.044135138	0.386875465	0.000510775	0.006619716
YGL02_GNYA1SO04JMAFN	9.086747751	-0.436990354	0.058528865	-0.309091561	-0.105579699	-0.019971145	0.514721296	0.000268131	0.004222587
YGL02.12763.C1	8.981467875	-0.437086529	0.097180991	-0.111809605	-0.062934467	0.247575812	0.449151022	0.00478486	0.032829763
YGL02.1802.C1	8.818692093	-0.437230655	-0.180521117	-0.41178132	-0.106647773	0.265185493	0.568231701	0.000255297	0.004072583
YGL02.523.C1	10.89459218	-0.437314861	-0.005841608	0.095111601	0.331916106	0.068772104	0.238928226	0.002893837	0.022853124
YGL02.7450.C1	9.664276319	-0.437448538	0.203559183	-0.148781399	0.329578085	-0.123904415	0.531465731	0.001632439	0.01519095
YGL02_GNYA1SO04IMJF6	9.418174139	-0.437539976	-0.49773841	-0.084144331	-0.086418424	-0.504078688	0.02970662	0.00310525	0.024034612
YGL02.7169.C1	9.088203558	-0.437757324	0.040196682	-0.22058731	-0.438906019	-0.052344182	0.415699324	0.002258497	0.019135726
YGL02.6790.C1	8.86637983	-0.437815269	-0.409659048	-0.315043859	-0.398904466	0.302627218	-0.031873871	0.006457412	0.040723603
YGL02.3233.C1	9.359130178	-0.43783905	-0.636261261	-0.159846658	-0.081648808	0.060917535	0.058008097	0.007689801	0.046196529
YGL02_GNYA1SO04IG5T5	9.018402388	-0.437865925	0.087041504	-0.028473992	-0.142966642	0.059528929	0.33132539	0.00304715	0.023702501
YGL02_GNYA1SO04JFL65	8.93623524	-0.438520062	-0.064378767	-0.336057402	0.211671273	-0.015191035	0.270066497	0.001782963	0.016191435
YGL02.8218.C1	9.216461921	-0.438540754	-0.221915669	-0.562373594	-0.175179816	-0.026369049	0.182397852	0.007804911	0.046719006
YGL02.16533.C1	9.378197627	-0.438676729	-0.116473862	-0.369553344	-0.188406734	0.074804922	0.230534544	0.000253836	0.004057679
YGL02.6022.C2	10.02970317	-0.438837545	-0.004639542	-0.31985194	-0.190114831	-0.005522784	0.352802279	0.006253393	0.039793647
YGL02.20870.C1	9.422368873	-0.439202607	-0.331315701	-0.376952638	0.081805674	0.111253756	0.242716477	0.000836379	0.00945024
YGL02_GNYA1SO04IUC3G	10.55654529	-0.439568243	-0.209792346	-0.110699739	-0.13933675	0.157722722	0.310045537	0.00073146	0.008594724
YGL02.23026.C1	9.638378957	-0.439807776	-0.15074805	-0.033592413	0.028054306	-0.007305898	0.041025983	0.001878599	0.01678225
YGL02_GNYA1SO04JBBER	9.001413993	-0.439841757	0.34400975	0.206446329	-0.231455811	-0.143082449	-0.035274884	0.001990155	0.017498691
YGL02.20438.C1	10.03051037	-0.439876004	0.076235125	-0.534023951	-0.191590158	0.196832077	0.418908228	0.002022981	0.017697202
YGL02_GNYA1SO04IU4D4	7.857175648	-0.439934624	0.221040593	-0.025391688	0.423970111	0.022028884	0.300723513	0.000942815	0.010291007
YGL02.22780.C1	7.658636767	-0.440350375	0.005371073	-0.158369899	-0.268394855	0.119504745	0.089030339	0.003858341	0.028035607
YGL02.3577.C1	11.49438579	-0.440377798	0.076147388	-0.077918543	-0.00089712	0.20004315	0.263873403	8.35E-05	0.001870363
YGL02.8022.C1	9.704053292	-0.440386527	0.109209825	0.087803258	-0.471529877	0.060835736	0.500001907	0.006995692	0.043086029
YGL02.1876.C1	9.117535476	-0.440392643	0.08672145	-0.043726527	0.309628618	0.014152058	0.009747197	0.000543364	0.006936522
YGL02.8162.C1	10.50152914	-0.440575148	0.244057556	0.419048739	-0.416031953	-0.116990893	0.039812197	0.001021531	0.010868058
YGL02_GNYA1SO04IWUBV	11.2182368	-0.44081821	-0.291634391	-0.591329252	0.263181579	0.24919788	0.374569951	0.001709445	0.015708867
YGL02.9072.C1	7.209440267	-0.441243316	-0.197752005	-0.486932075	0.196609649	0.253727326	0.550125813	0.004414892	0.030932146
YGL02.2088.C1	7.515943342	-0.441437253	0.100577171	-0.182040944	-0.000880327	-0.032055817	0.169167831	0.002368988	0.019802404
YGL02.20130.C1	7.808780826	-0.441439004	0.072329135	-0.251430763	0.034350587	0.203688262	0.317468133	0.002295235	0.01936212
YGL02_GNYA1SO04JBVXX	7.782743885	-0.441439356	-0.061808335	-0.483065812	-0.194446566	0.060576649	0.527196028	0.003476857	0.026027709
YGL02_GNYA1SO04JSBD1	13.3527319	-0.441457295	0.203475634	-0.12108367	-0.442671694	0.132531946	0.434453777	0.004906474	0.033436011
YGL02_GNYA1SO04IOQE0	7.583317011	-0.441528909	-0.114168686	-0.999743125	0.595053432	-0.004682654	0.166569799	0.003057164	0.023764538
YGL02_GNYA1SO04IU2N6	8.659274054	-0.441580663	-0.330287672	-0.257233286	0.386077553	-0.031659529	-0.01869283	0.002256748	0.01912466
YGL02.2272.C1	8.658123785	-0.44162812	-0.000148025	-0.438803584	-0.009233479	-0.051125743	0.314314014	0.000180045	0.003180817
YGL02.9384.C1	10.51020701	-0.442162061	-0.007218916	-0.368636046	0.043040256	0.087714221	0.454895857	0.000245074	0.00395644
YGL02.19704.C1	6.98088895	-0.442230397	0.267227976	-0.251441588	-0.264061373	0.021946463	0.722331347	0.006016368	0.03874417
YGL02_GNYA1SO04JMW59	9.293967204	-0.44237774	-0.14888439	-0.279699783	-0.057990773	0.230868885	0.407397967	0.000313751	0.004727097
YGL02_GNYA1SO04H8E3L	7.696904661	-0.442415707	-0.275985839	-0.277194035	-0.233339455	0.583432174	0.091833156	0.004446493	0.031084598
YGL02_GNYA1SO04IN3XH	8.025416574	-0.442478964	-0.043270002	-0.455387949	0.599314186	0.103205232	-0.138635661	0.007190038	0.044001432
YGL02_GNYA1SO04I4LUX	8.666592691	-0.442482081	-0.265898242	-0.336735219	-0.091736221	0.305812805	0.495780982	0.007111472	0.043645501
YGL02.967.C1	10.67241696	-0.44277046	-0.248428211	-0.357397094	-0.050927886	0.248503317	0.265247666	0.000681675	0.00815854
YGL02.14201.C1	8.312335046	-0.442797498	0.332356715	-0.292284277	-0.101668801	0.038362072	0.251562005	0.002216622	0.018866102
YGL02.1666.C1	7.787328391	-0.442851355	0.142614277	-0.05342966	0.080862358	0.089940275	0.140335993	0.001052884	0.01111216
YGL02.20095.C1	8.072095324	-0.442893792	0.045041487	-0.271798292	-0.363255326	0.018174478	0.134899074	0.007025296	0.043237511
YGL02.1253.C2	10.56787187	-0.442896399	-0.216927533	-0.435725921	0.09654187	0.086049482	0.129150468	0.000269495	0.004239956
YGL02_GNYA1SO04I6Y1I	8.319456129	-0.442929769	-0.011058019	-0.216387878	0.046025457	0.062741685	0.313619	0.001189323	0.012118559
YGL02.12801.C1	8.37837223	-0.443034484	-0.22147281	-0.20519721	-0.141162013	-0.105067856	0.134207148	0.002444841	0.020246748
YGL02.2562.C1	8.11596117	-0.443282201	0.098154821	-0.013286347	0.026967557	0.148074036	0.233001125	0.006838196	0.042382784
YGL02_GNYA1SO04IOSDQ	9.021164845	-0.443330092	0.079136019	-0.077418756	-0.098650937	0.17076444	0.298630603	0.003645676	0.0269263
YGL02.3386.C1	10.32877204	-0.443331627	-0.14685249	-0.376825181	0.042884106	0.22939478	0.548878421	0.001065716	0.011204667
YGL02.23127.C1	9.196256152	-0.443405228	-0.179590669	-0.500173609	0.348173713	-0.057598568	0.40911234	0.000265767	0.004196587
YGL02.14765.C1	7.920944966	-0.443454975	-0.237570026	-0.678172218	-0.022362375	0.112132512	0.549720365	0.000711805	0.008414939
YGL02_GNYA1SO04IPLBX	11.56516969	-0.443636588	-0.215010075	-0.328352778	-0.069272111	0.142894346	0.254276803	0.000145556	0.002751703
YGL02.5906.C1	11.47746538	-0.444006196	-0.187737771	-0.631604914	-0.089047108	0.079240235	0.523209886	0.001927093	0.01710917
YGL02.18972.C1	8.678906851	-0.44419545	-0.182293762	-0.621418021	-0.16607085	0.130030668	0.307474709	0.000612239	0.00754292
YGL02.7236.C1	8.067377539	-0.444262387	0.352216724	0.497335751	-0.061082559	0.182189865	0.090203524	0.002916298	0.022970275
YGL02.17622.C1	4.498592213	-0.444429081	-0.044732825	-0.316159328	0.12085967	0.339145781	0.470596192	0.003623317	0.026813002
YGL02.3817.C1	10.78231486	-0.444433951	-0.335469234	-0.424632835	-0.236165899	0.076347522	-0.011069033	0.001755565	0.016015631
YGL02.11922.C1	10.54686874	-0.444462265	-0.304781088	-0.472878572	0.219979482	0.361967657	0.399755933	0.00837484	0.04904905
YGL02.13876.C1	8.217365718	-0.444535938	-0.078040882	0.278861398	0.115301549	-0.024717041	0.174719479	0.000440243	0.005966372
YGL02.1471.C1	9.60659023	-0.444613376	-0.244437256	-0.200041858	0.106176714	0.039373536	0.194025587	0.005549927	0.036564071
YGL02.19576.C1	7.835995394	-0.445060729	-0.061311738	0.039662925	-0.14909407	-0.084018395	-0.000437084	0.005275079	0.035246363
YGL02.14071.C1	9.346882429	-0.445175039	-0.037702536	-0.193768319	0.146342422	0.128416002	0.369966557	0.001151959	0.011843136
YGL02_GNYA1SO04JSCOE	7.856932857	-0.44520183	-0.16022989	-0.205478471	-0.121789864	0.411440414	0.179922205	0.003200897	0.024550416
YGL02.5870.C2	8.081535167	-0.4455744	-0.134087865	0.246121019	-0.192937741	0.105278337	0.08606901	0.00107541	0.011274546
YGL02_GNYA1SO04I7W7G	7.273347857	-0.445597492	-0.090074856	-0.354343013	-0.005883936	0.105157855	0.465947012	0.005899883	0.038197281
YGL02_GNYA1SO04JAMRJ	8.394703719	-0.44565835	-0.62777761	-0.81121098	-0.053316324	0.447628611	0.183157873	0.003051132	0.02372208
YGL02_GNYA1SO04JPA2L	9.516357423	-0.445707853	-0.303550077	-0.533355521	-0.109299814	0.067080112	0.301210462	0.00263189	0.021339625
YGL02_GNYA1SO04IEWKW	9.383815899	-0.445810581	0.337663472	0.09135174	0.084643183	-0.1316696	0.19526618	0.001129823	0.011678604
YGL02_GNYA1SO04IIZ9R	8.800846493	-0.445907056	-0.053494213	-0.025223184	-0.128931017	0.298841952	0.301635038	0.001449201	0.013962377
YGL02.3392.C2	10.56453097	-0.445964542	-0.120782071	-0.52357091	0.001450956	0.166851539	0.661788094	0.000417847	0.005765617
YGL02.12553.C1	9.775607564	-0.445990755	0.007077389	-0.397968375	-0.098922894	0.158656275	0.437559925	0.001867063	0.016717183
YGL02_GNYA1SO04IJYKK	7.630896374	-0.44620418	-0.240908196	0.104111012	-0.202841243	0.135416776	0.125510531	0.00132512	0.013074297
YGL02_GNYA1SO04H58NK	9.497011039	-0.446303299	0.460110566	-0.015818973	-0.341215137	0.12352865	0.329910745	0.008047091	0.047709948
YGL02.2851.C2	11.60179772	-0.446374095	-0.171418157	-0.599375495	0.093026124	0.103050278	0.524737686	0.000357801	0.005174144
YGL02.8842.C1	8.050324671	-0.44640699	-0.096461656	-0.247372584	0.040822487	0.141197539	0.600901054	0.002337293	0.019603258
YGL02.9381.C1	10.04262084	-0.446417518	-0.018674895	-0.664222762	-0.012970768	0.110659079	0.618841454	0.002861629	0.022677605
YGL02_GNYA1SO04IVGCA	7.918620272	-0.446812414	-0.185191248	-0.126332414	0.101792835	-0.10377866	-0.317048975	0.000976991	0.010542303
YGL02.13586.C1	6.645916281	-0.446883666	-0.677139432	-0.645865656	-0.016102373	0.162228621	0.186118131	0.004329727	0.030487206
YGL02.3225.C1	6.791441957	-0.446903776	0.48042014	0.572550571	-0.415593918	0.228997177	0.237486118	0.006405918	0.040485723
YGL02.20925.C1	9.414710824	-0.447004668	-0.138292438	-0.218942254	0.028411253	0.395524535	0.378881323	0.000138421	0.002654684
YGL02.15414.C1	8.010115572	-0.4472017	0.173159934	0.169203798	0.17138305	0.047408809	0.1702113	0.004904426	0.033428731
YGL02.22960.C1	5.960454071	-0.447294256	-0.088848635	-0.180646484	-0.24918359	0.157186081	0.35087885	0.000100558	0.002133352
YGL02.1055.C9	15.45734388	-0.447591519	0.015649505	-0.011924788	0.069959707	0.170118681	0.387131358	0.000359097	0.005185931
YGL02.2399.C2	15.6285141	-0.447792681	-0.084617176	-0.307345835	-0.441723102	0.20313953	0.43154609	0.000541907	0.006921369
YGL02.7232.C2	5.228499699	-0.447804066	0.376438747	0.013616438	-0.202383879	-0.295366138	0.75908699	0.005891583	0.038162624

YGL02.4788.C1	10.00832418	-0.447861583	0.00097178	-0.553953453	-0.162280889	0.015785244	0.188443639	0.000364677	0.005241966
YGL02.2472.C1	6.256969644	-0.447898812	0.208745395	-0.12303365	0.167971075	0.366243847	0.9102478	0.006052934	0.038908488
YGL02_GNYA1SO04JKSS8	11.40204653	-0.44809715	0.067534882	-0.170403805	-0.24711923	0.116078451	0.218361788	0.001137548	0.011733328
YGL02.4431.C1	10.11264374	-0.448130249	-0.103642721	-0.251105376	-0.318919751	0.095350658	0.185620832	0.000421218	0.00579237
YGL02.1813.C1	12.02245508	-0.448195887	-0.010079317	-0.394916278	-0.105734818	0.000827701	0.202516957	0.001841857	0.016564668
YGL02.16516.C1	8.336192764	-0.448215855	-0.239092447	-0.633649782	0.142374929	0.265590224	0.720572983	0.006665179	0.04164401
YGL02_GNYA1SO04JR3H2	8.419075045	-0.448404502	-0.388147784	-0.375174869	0.109104657	0.228639782	0.381947429	0.000499367	0.006512937
YGL02.14999.C1	6.892437598	-0.448755849	-0.292059547	-0.132248064	-0.2205664	0.182122581	0.363036538	0.006744794	0.042002216
YGL02_GNYA1SO04IRN1A	13.5165658	-0.448792694	-0.262014025	-0.577828663	-0.007289169	-0.246091915	0.362598617	0.000107404	0.002229651
YGL02.14271.C1	9.907818965	-0.449014943	-0.181341827	-0.336781287	-0.086801469	0.143669347	0.36857709	0.000714161	0.008437397
YGL02_GNYA1SO04IN5CK	9.720329254	-0.449076292	0.016051546	0.049919248	-0.629826751	0.19596321	0.010807773	0.001023531	0.010883975
YGL02.3196.C2	8.291261793	-0.449245224	-0.001450264	-0.11022739	0.01850939	0.139164088	0.245878096	0.005630024	0.036952774
YGL02.594.C3	10.95250769	-0.449344676	-0.110056139	-0.54795458	-0.001072377	0.04790877	0.517303931	0.001532006	0.014533104
YGL02.3682.C1	9.178704551	-0.44934878	-0.191091186	-0.545036784	-0.09733977	0.182759677	0.60017355	0.003173187	0.024392779
YGL02.20209.C1	9.773594904	-0.449474073	-0.150472258	-0.535340064	0.422662798	0.171075287	0.417686632	0.003280117	0.024986353
YGL02.6748.C2	9.033933202	-0.449705773	0.070604173	-0.260260845	-0.076903815	-0.000809356	0.346620327	0.000303651	0.004617978
YGL02.5776.C1	7.759111779	-0.450000121	0.183743072	-0.090416809	0.001148713	0.078174834	0.387097975	0.00300834	0.023479593
YGL02.4663.C3	9.911150213	-0.450021756	0.267469594	0.004945867	-0.042291997	0.231949775	0.620459633	0.002222781	0.018903613
YGL02_GNYA1SO04H06IB	10.70176089	-0.450304698	-0.118617113	-0.587381814	0.15914424	0.416843679	0.53266192	0.000282442	0.004388656
YGL02.4463.C1	10.96511225	-0.450526761	-0.183864736	-0.200121945	-0.116168378	0.111293374	0.075058947	0.000261491	0.004149291
YGL02.2854.C1	8.972824184	-0.450621674	1.148246583	0.900683797	-0.380177747	0.34088416	0.075221726	0.007263911	0.04431852
YGL02_GNYA1SO04IS86M	11.93661222	-0.45091534	0.05787247	-0.387122531	-0.321874711	0.032122989	-0.01735179	0.000231569	0.003801689
YGL02.6418.C1	10.10231353	-0.450993118	0.06878935	-0.001579876	-0.119958317	-0.073068238	0.163719911	0.00146927	0.014094434
YGL02_GNYA1SO04IJY1Y	8.889396116	-0.451002007	-0.114562747	-0.332847824	0.162447287	0.189771692	0.342012977	0.001738542	0.015899535
YGL02.19301.C1	10.41746248	-0.451147975	-0.202255729	-0.157737614	0.167650773	0.288044657	0.136089365	0.000467706	0.006231165
YGL02.16808.C1	9.157926756	-0.451572436	-0.273877573	-0.52591963	-0.186768707	0.235378007	0.416108794	0.000148978	0.0027964
YGL02.497.C1	11.99952085	-0.451588167	-0.355548586	-0.582072189	-0.151607764	0.227629972	0.557306533	3.01E-05	0.000923658
YGL02_GNYA1SO04ILN8S	10.44442249	-0.451656835	-0.256169388	-0.428751156	0.093827289	0.137068385	0.070098931	0.000160176	0.002934552
YGL02.528.C2	9.495476613	-0.451862137	-0.044250229	-0.250271229	-0.341857495	0.154319723	0.177747577	0.000620537	0.007621948
YGL02.12826.C1	8.79294585	-0.451868549	-0.123525321	0.212254554	-0.04015126	0.015827141	0.098769994	0.00515545	0.034652733
YGL02.20345.C1	5.296395172	-0.452162978	-0.093147289	0.177010869	-0.106382058	0.08572228	0.114461473	0.00106794	0.011219853
YGL02.2916.C1	11.22963205	-0.452228665	-0.034625166	-0.043030238	-0.086468608	0.178198067	0.318128645	0.000172905	0.003099504
YGL02.14992.C1	9.582453008	-0.452275421	0.038184177	-0.572200253	-0.039860834	-0.001563186	0.408537374	0.001541618	0.01459724
YGL02.7249.C1	11.53859255	-0.452332086	-0.172076576	-0.091579145	0.135134447	-0.254609558	-0.265363027	0.004285521	0.03027305
YGL02.9729.C1	9.831980498	-0.452418259	-0.12172562	-0.640911567	-0.067168042	0.087435681	0.493554211	0.001800091	0.016300108
YGL02.17909.C1	7.380199399	-0.452490401	0.02553224	-0.2884927	-0.156090192	-0.139356758	0.34707459	0.000456192	0.00612122
YGL02.428.C1	8.921374221	-0.45270457	0.149494889	-0.176890816	-0.27061649	-0.070459605	0.160251013	0.006278903	0.039901078
YGL02.1310.C2	8.242770146	-0.452829224	-0.295460397	-0.285496078	0.181291825	0.074075299	0.338679513	0.008361291	0.048996285
YGL02.18041.C1	8.275072346	-0.45313069	-0.042772949	-0.015314008	-0.429589952	0.208574106	0.175532825	0.002842948	0.022576533
YGL02.1349.C1	7.494426598	-0.453185036	-0.011961487	-0.283869752	-0.125306786	0.106521056	0.440165674	0.004307593	0.030375945
YGL02_GNYA1SO04JT1C4	7.844210117	-0.453228379	-0.056821449	-0.305448038	-0.647574824	0.228371748	0.3962304	0.006933694	0.042791698
YGL02_GNYA1SO04IYHZI	8.427883357	-0.453232734	-0.347424817	-0.210790181	-0.017352188	0.365510926	0.113120102	0.000343783	0.005033831
YGL02.1236.C1	10.47441796	-0.45335407	-0.013511912	-0.176538598	-0.052576344	0.033654741	0.202990348	0.000143062	0.002718852
YGL02.10374.C1	9.029865325	-0.453558212	-0.182259199	-0.073151765	-0.281895258	0.199055099	0.183492767	0.000214242	0.003599691
YGL02_GNYA1SO04H0WRD	9.864214601	-0.453709603	0.004188433	-0.255596696	0.486946984	-0.024842824	-0.013761885	0.007566505	0.045667689
YGL02.17373.C2	10.63630205	-0.453798915	-0.023928145	-0.26224937	-0.026726167	0.027693668	0.256975732	0.002615001	0.021242525
YGL02_GNYA1SO04JY1Y6	9.784718658	-0.453910635	-0.133661515	-0.16532384	0.082664244	0.086369836	0.478350226	0.004265017	0.030162763
YGL02_GNYA1SO04I2R4Y	10.75306798	-0.453992939	-0.003920757	-0.79150144	0.036162119	-0.065174458	0.634309286	0.000961634	0.010434852
YGL02.7389.C1	10.51045513	-0.454003856	-0.22110518	-0.21974828	-0.267478813	0.213462763	0.32784905	0.00822381	0.048441665
YGL02.2207.C1	8.904372421	-0.454355613	-0.173822208	0.082311971	0.007628702	0.234138251	-0.007348488	0.003070374	0.023838567
YGL02_GNYA1SO04H7SNS	11.46347722	-0.454501059	-0.674389059	-0.578283403	-0.080910389	0.148931998	0.206457667	0.007714783	0.046305795
YGL02.2154.C1	8.64844289	-0.454574144	-0.133649585	-0.503821713	-0.280412168	0.362991254	0.520366056	0.002140711	0.018398978
YGL02.8007.C1	9.56714935	-0.454590529	-0.208424582	-0.328933132	0.132210403	0.346324196	0.518254198	0.003384914	0.025533693
YGL02_GNYA1SO04I9Z6F	7.287823094	-0.454641245	0.26155541	-0.019565088	-0.233528014	-0.015208009	0.189472046	0.006659139	0.041614902
YGL02.8783.C2	9.62054378	-0.45473857	0.024983215	-0.118626566	-0.320015633	0.011668715	0.27887399	0.001802019	0.016307301
YGL02.18906.C1	10.80253357	-0.454914195	0.022341829	-0.237095414	-0.080373481	0.047201697	0.345244765	0.000221661	0.003692389
YGL02.13533.C1	8.567108728	-0.454942234	-0.303679245	-0.271780118	0.074951454	0.103605708	0.261019111	0.000218707	0.003653552
YGL02.1464.C1	11.9292301	-0.455153511	-0.173177681	-0.238823644	-0.027831613	0.134214349	0.335581551	0.000555122	0.007042925
YGL02.15146.C1	11.50911019	-0.455215239	-0.085233128	-0.246257946	-0.048819667	0.069757062	0.613516313	0.000295632	0.004530074
YGL02.15505.C1	7.907486814	-0.455231293	-0.321805781	-1.203886953	-0.064448868	-0.078660971	0.280538919	0.003755386	0.027500626
YGL02_GNYA1SO04H79ZI	10.58792589	-0.455265783	-0.168001651	-0.417324807	-0.105809264	0.085850436	0.359175139	0.000921218	0.010120953
YGL02.2256.C2	10.61571172	-0.455317482	-0.0996612	-0.551923701	-0.310217288	0.179086022	0.438746147	0.001769225	0.016098882
YGL02.1172.C2	7.079946848	-0.455553625	0.068615675	-0.165596786	-0.305486436	0.41627257	0.557366723	0.005513631	0.036376767
YGL02.12044.C2	11.06525884	-0.45564143	-0.022357035	-0.350859611	-0.038691513	0.168225911	0.347866874	0.001205648	0.012234422
YGL02.4820.C1	7.247441367	-0.455974896	-1.645736883	-0.881907581	0.009980479	-0.349290313	0.434993391	0.006470117	0.040772717
YGL02_GNYA1SO04JXJL5	8.36675985	-0.456075793	-0.062306713	-0.479913337	0.189031288	0.11743155	0.666732335	0.001957879	0.017296698
YGL02.18761.C1	9.491970515	-0.456089867	-0.084095834	-0.177291851	1.109681909	-0.022086606	-0.061620558	0.006049727	0.038898161
YGL02.3720.C1	7.974663178	-0.456317463	-0.068764573	-0.209680345	-0.050087457	0.285177773	0.515802643	0.004947125	0.033650696
YGL02.21617.C1	8.086954881	-0.456342799	-0.036376865	0.028441966	-0.147961271	0.087308632	0.112799021	0.003169203	0.02437373
YGL02.373.C1	12.45338297	-0.456731788	-0.020509343	-0.095330594	-0.071571225	0.048993955	0.067803869	0.000685719	0.008195113
YGL02_GNYA1SO04IMHAG	8.916798476	-0.456735904	0.161338728	-0.025143414	-0.213658459	0.199150173	0.265631121	0.001301573	0.01291281
YGL02.3449.C1	10.78482572	-0.456850666	-0.107472135	-0.026791098	0.02412127	0.098841976	0.26639188	0.003381196	0.025519149
YGL02_GNYA1SO04I8LK0	8.156656054	-0.456876429	-0.321049769	-0.488058931	0.129168901	0.291574705	0.331391926	0.001614852	0.015077133
YGL02.23208.C1	9.955828551	-0.456996777	0.008210304	-0.071979047	0.180835047	0.194572816	0.430267018	8.34E-05	0.00186957
YGL02_GNYA1SO04IMZPR	8.503441612	-0.457319678	0.072262992	-0.178467772	-0.103955835	0.168717441	0.51781488	0.00096711	0.010470587
YGL02.6165.C2	7.527096326	-0.457413064	0.26985709	0.072578453	-0.145676345	0.252916877	0.425429643	0.001050954	0.011099936
YGL02.8104.C1	7.638394383	-0.457482586	0.079626407	-0.191114042	-0.743067759	0.003410071	-0.032660967	0.00158134	0.014854208
YGL02.14828.C1	8.546906026	-0.457634198	0.067987953	-0.361134239	0.155458625	0.297760948	0.32703231	0.000606307	0.007489071
YGL02.13293.C1	10.34562064	-0.4576912	-0.186802847	-0.352732004	-0.220396482	0.139474814	0.428975299	0.000809233	0.009232126
YGL02.3217.C4	8.102738564	-0.457724236	-0.104418242	-0.218823407	-0.032415342	0.270878434	0.422589901	0.004570118	0.031710887
YGL02.2260.C1	9.439506865	-0.457767672	-0.140224686	-0.581783654	-0.067809832	0.136476311	0.49289431	0.0014265	0.013792477
YGL02.5740.C1	10.18445593	-0.458317891	-0.048881101	-0.316201291	-0.06273752	-0.007076678	0.215481281	0.000685242	0.008191919
YGL02.23326.C1	9.237891788	-0.458421076	0.145588012	-0.131966279	0.24865178	0.106123308	0.449001692	0.000470584	0.006256637
YGL02.14732.C1	9.014026021	-0.458510232	-0.145049801	-0.270242643	0.11795604	-0.165497964	0.092406943	0.000318799	0.004776008
YGL02_GNYA1SO04H4A1O	8.00151492	-0.458583088	-0.308810433	-0.297422114	0.118616949	0.049064875	0.159750619	0.00193502	0.017152499
YGL02_GNYA1SO04IAG8R	9.710263765	-0.458740391	-0.242743754	-0.381462782	0.167192221	0.277252599	0.447686525	0.000302548	0.004606627
YGL02.18387.C1	9.70845789	-0.458764671	-0.23735636	-0.522835515	-0.083589868	0.096577147	0.384926262	0.000469321	0.006246254
YGL02_GNYA1SO04I97OQ	10.15761935	-0.459248671	-0.165201485	-0.722895474	-0.155216736	0.045399844	0.449701872	0.001175667	0.012018179
YGL02.21916.C1	8.567808768	-0.459298955	-0.465653293	-0.576091729	-0.035002013	0.372355347	0.570158206	0.00565413	0.03707892
YGL02.23513.C1	5.917791807	-0.459503994	0.023699198	-0.120512975	-0.292792053	-0.069849628	0.126882279	0.000718209	0.008471305

YGL02_GNYA1SO04I4DSO	11.75747077	-0.459511437	-0.303916163	-0.365659191	-0.277205811	-0.061723612	0.134196878	0.000990681	0.01064312
YGL02_GNYA1SO04JF505	7.94550732	-0.460045182	0.138306406	-0.33088881	0.042743465	0.052514749	0.22884162	0.006177739	0.039449863
YGL02_GNYA1SO04IUE0I	10.38056869	-0.460120796	0.098530004	-0.230545099	-0.020785266	0.011196718	0.31599835	0.00514314	0.034590733
YGL02.9173.C1	8.484605596	-0.460438501	-0.115814511	-0.100514031	-0.373342588	0.093530611	0.415398061	0.00342569	0.025740938
YGL02.23497.C1	7.328887537	-0.46061752	-0.043279283	-0.502777455	0.08827378	0.279118133	0.47644442	0.001366384	0.01336736
YGL02_GNYA1SO04H1644	8.617848438	-0.460619331	-0.076413074	-0.503011309	0.028395701	-0.041311853	0.347674123	0.000502797	0.006543173
YGL02_GNYA1SO04JHAPG	5.780200887	-0.460702504	-0.246498969	-0.120239147	0.787997794	0.205635817	0.226924478	0.004285812	0.030273456
YGL02.2648.C1	7.640761003	-0.46086578	-0.103511174	-0.341139173	-0.106582842	0.27670375	0.202866966	0.004495998	0.031335289
YGL02_GNYA1SO04JKFIQ	10.2570359	-0.460920069	-0.149423091	-0.088662014	0.185190349	0.018224493	0.135825415	0.00496545	0.033732816
YGL02.3475.C1	11.45796739	-0.461091252	0.332835668	-0.229195308	-0.282661052	0.024002144	0.424698333	0.002398633	0.01997927
YGL02_GNYA1SO04ISYJP	10.65322868	-0.461218736	0.144144827	-0.151993362	-0.23004048	0.046511015	0.406540512	0.001875144	0.016762393
YGL02_GNYA1SO04IY3IN	9.60432423	-0.461258224	-0.083685989	-0.361163925	-0.47729197	0.226031281	0.355340957	0.001041511	0.011032707
YGL02.19406.C1	9.209456773	-0.461394638	0.020429446	-0.412219019	-0.028761759	-0.136786305	0.258808201	0.000901923	0.009970889
YGL02.7156.C3	10.02338949	-0.46144314	0.135658536	-0.048467029	-0.223655244	0.048654516	0.186637419	0.000268784	0.004231846
YGL02_GNYA1SO04JNDPF	8.816326201	-0.461450457	-0.457757321	-0.595769649	0.118867171	0.437007368	0.228457918	0.002152785	0.018478226
YGL02_GNYA1SO04IKE39	10.14157805	-0.461631064	-0.143023274	-0.312255287	-0.243446043	0.08450147	0.417778976	0.002341691	0.019631246
YGL02.984.C1	9.752938382	-0.461875542	-0.049315568	-0.167660182	-0.488817416	-0.008182224	0.354491292	0.004717846	0.032480651
YGL02.4050.C1	9.042461335	-0.462106202	0.011111756	-0.398095061	-0.23395831	-0.024123261	0.384524087	0.002395227	0.019963745
YGL02.930.C1	9.235787046	-0.462140988	-0.079647409	0.374743936	0.093238385	0.039604407	-0.340939686	0.000107676	0.002233867
YGL02_GNYA1SO04JPDKY	9.415870945	-0.462519637	0.098949613	-0.588837654	-0.5292809	0.291489839	0.547106846	0.004369271	0.030695546
YGL02.12052.C1	6.596770282	-0.462600764	-0.170603895	-0.724525438	0.509753995	0.033449245	-0.080502812	0.007336909	0.044646104
YGL02_GNYA1SO04JDSOX	8.904041812	-0.462726565	-0.119437016	-0.148867784	-0.20747297	0.179343318	-0.032632822	0.003185615	0.024462569
YGL02_GNYA1SO04IMZOX	9.594322859	-0.462762624	-0.14549501	-0.256927169	0.04220512	0.404357405	0.300045006	0.001302999	0.01292497
YGL02_GNYA1SO04IRZK0	11.8895695	-0.462762806	0.394505973	-0.04770978	0.40690709	-0.172166783	0.366070294	0.003229967	0.024711902
YGL02_GNYA1SO04H9ABT	10.87287301	-0.462980068	0.201724609	-0.104039303	0.043621067	0.036994376	0.315669363	0.005504072	0.036339618
YGL02.3885.C2	7.724841165	-0.463139071	-0.15024868	-0.316031934	0.118133191	0.247290903	0.279153771	0.00053311	0.006833278
YGL02.1492.C1	8.555697438	-0.463199202	-0.376858134	-0.127636306	-0.06376154	0.173961992	0.150748461	0.000597949	0.007415646
YGL02_GNYA1SO04JK6AI	11.39465066	-0.46333266	0.001408923	-0.111084475	-0.303169248	0.13448369	0.25305365	0.000857819	0.009618774
YGL02.17460.C1	5.814246668	-0.463364767	0.007214713	-0.087844877	-0.112139789	0.022189469	0.369291507	0.00088517	0.009831577
YGL02.11556.C1	7.514074835	-0.463471395	0.085281521	-0.346834101	-0.234270816	0.121476791	0.428395678	0.004465423	0.031181586
YGL02_GNYA1SO04H3LKJ	8.525133725	-0.46376232	-0.07716808	-0.482346646	-0.230874922	0.27059953	0.558250425	0.001421715	0.013758983
YGL02.315.C1	8.997121268	-0.463977846	0.075839016	0.130626455	-0.10511298	0.115188686	0.274411871	0.00688485	0.042587679
YGL02.928.C1	7.94915435	-0.46398916	0.321552122	-0.092344584	-0.629416982	0.133570862	0.410935296	0.001557074	0.014709158
YGL02_GNYA1SO04IFV05	8.878874364	-0.464305172	-0.557645011	-0.56838846	0.242048666	0.423681437	0.419415008	0.000221878	0.003694357
YGL02.12345.C2	9.1330935	-0.464598254	-0.319644892	-0.537288212	0.109229564	0.102093055	0.277041999	0.004852196	0.033161748
YGL02.4815.C1	8.649454994	-0.46466945	0.134031007	0.358729588	-0.002363817	0.139857549	0.186427104	0.0066955	0.041779924
YGL02_GNYA1SO04H0VM3	11.4932394	-0.46476122	0.166068699	0.063182021	0.10483149	0.110526415	0.251721849	0.000189862	0.003309026
YGL02.3475.C2	7.950915563	-0.464837558	-0.088091716	-0.243982675	-0.331172215	0.277637764	0.370350404	0.00772127	0.046329423
YGL02_GNYA1SO04IXK52	8.635402458	-0.46488754	-0.35343523	-0.038195975	-0.076074832	0.299791004	0.384556526	0.000464714	0.006203432
YGL02.1737.C1	8.606794826	-0.464969738	-0.004708582	-0.451199353	0.016312785	0.011852291	0.463745343	0.005054136	0.034157901
YGL02.4657.C1	8.440983482	-0.465018103	0.136000744	-0.099527108	0.043824691	0.273802372	0.465079608	0.006554142	0.041139404
YGL02.4650.C3	11.3376819	-0.465156225	0.046120191	-0.277624142	-0.24312816	0.10582981	0.313268623	0.003770757	0.027587845
YGL02.14471.C1	10.22025082	-0.465552563	-0.11389571	-0.335966775	0.004388003	0.187121874	0.622676907	0.000766386	0.008884993
YGL02.9307.C1	9.046673684	-0.46556105	-0.143121497	-0.355392069	-0.131635287	-0.065078876	0.208905075	0.003030865	0.023611103
YGL02.22630.C1	8.391436787	-0.465586183	0.166915529	0.315372966	-0.447450636	-0.17826197	-0.45115808	0.005255512	0.035162868
YGL02_GNYA1SO04JCNQO	10.18188939	-0.465651986	-0.205587618	-0.317768169	0.444958066	-0.068139884	-0.348006236	0.001765027	0.016070413
YGL02_GNYA1SO04JO757	9.311644979	-0.465850971	0.11212604	-0.013757344	0.050925323	0.010161415	0.395905734	4.75E-05	0.001260295
YGL02_GNYA1SO04IL1H7	6.420785952	-0.466113592	-0.295052783	-0.345763155	0.135340132	0.132072736	0.778273134	0.005784728	0.037679677
YGL02.4379.C1	8.52847602	-0.466442222	-0.021080048	-0.028339235	-0.064989961	0.156410465	0.23268472	0.000941528	0.010282155
YGL02.19430.C1	8.267380523	-0.466466196	-0.051824015	0.020946789	-0.153255314	0.319594968	0.127712948	0.000646141	0.007851536
YGL02_GNYA1SO04JHV05	10.9773217	-0.466661374	0.43282067	0.236299064	-0.003035466	0.169001446	0.296149032	0.007395955	0.04491465
YGL02_GNYA1SO04JN799	9.191432575	-0.466880583	0.061346028	0.114375317	-0.051069702	-0.051946553	-0.010508703	0.000174827	0.003123146
YGL02.22586.C1	7.867627286	-0.466912937	0.745211011	-0.02793582	-0.513128599	0.027015297	0.256264354	0.007369392	0.044807861
YGL02.19092.C2	9.616347167	-0.467061696	-0.42040265	-0.37617148	0.061776195	0.22077523	0.381792633	0.000349906	0.005097133
YGL02.13656.C1	10.49120374	-0.467106165	0.311669541	0.079256617	-0.183931689	-0.102485496	-0.044278846	0.000702975	0.008338714
YGL02_GNYA1SO04JZLC6	10.23697644	-0.467360009	-0.011428447	-0.162543556	-0.075206587	0.059167991	0.414020133	0.000282589	0.004389961
YGL02_GNYA1SO04JB8QC	7.053220004	-0.467488641	-0.296785412	-0.118649199	-0.021145182	0.130357775	0.348024611	0.003955792	0.028550021
YGL02_GNYA1SO04IFXX0	8.086386093	-0.46752995	-0.408492099	-0.571148098	-0.12106731	0.250696143	0.731822284	0.00222795	0.018937621
YGL02_GNYA1SO04H5BBK	8.083504237	-0.467546225	-0.058640838	-0.444881632	0.507068207	0.157881469	0.221540281	0.00746496	0.045231892
YGL02.2851.C1	10.74067462	-0.46774947	-0.27850549	-0.922158215	0.153559424	0.023109574	0.551455462	0.000436103	0.005928032
YGL02.8710.C1	11.25244561	-0.467778941	-0.226634188	-0.186441251	-0.181227869	0.03928013	0.235395311	0.000913711	0.010060677
YGL02_GNYA1SO04IKK0O	6.293885654	-0.467886652	0.013031667	-0.576795448	1.386195326	-0.077579184	0.078407396	0.006917235	0.042720624
YGL02.9754.C1	7.476726754	-0.467982541	0.000143784	0.043441049	-0.440397544	0.361489348	0.36371523	0.001063727	0.011189205
YGL02.15627.C1	7.744963237	-0.468072644	-0.122012727	-0.185301829	-0.257751206	0.227265789	0.238225191	0.002574654	0.021006302
YGL02.3897.C1	7.827819924	-0.468082543	-0.524190774	-0.728964776	-0.064531516	-0.071291521	0.745966935	0.00385328	0.028009616
YGL02_GNYA1SO04JTU2M	10.91985109	-0.46814434	-0.158037627	-0.476604282	-0.548117209	0.152196455	0.252998613	0.000330414	0.004898998
YGL02.6419.C1	10.46561453	-0.468248674	-0.092317848	-0.35851881	-0.064714312	0.033505329	0.340771716	0.0001937	0.003353895
YGL02_GNYA1SO04JJ7MS	10.53288603	-0.46830917	-0.185932436	-0.254849779	0.017904952	0.19631002	0.54364811	0.000734405	0.008616825
YGL02_GNYA1SO04ISLPF	9.242010879	-0.468317359	-0.452819312	-0.360020641	0.060705404	0.376730425	0.411560675	0.001060248	0.011166216
YGL02_GNYA1SO04JPCUQ	8.668445061	-0.468569966	-0.23613093	-0.512035208	-0.271218547	0.118393875	0.616572891	0.005997488	0.038647572
YGL02.2304.C1	10.91773536	-0.46858847	-0.135940224	-0.513072801	-0.523938981	0.087383042	0.108960325	0.00790908	0.04711388
YGL02.1658.C1	8.21365038	-0.468632796	0.116344745	-0.40391837	0.174518576	-0.074119419	0.741959387	0.004462856	0.031168701
YGL02.247.C1	8.358208197	-0.468643229	0.107144035	0.278812221	-0.048134611	-0.061550397	0.17551695	0.005325686	0.03549301
YGL02_GNYA1SO04IFO5K	9.231632115	-0.468679379	0.122487079	-0.224127602	0.007084683	-0.034808186	0.403533767	0.002930226	0.023042136
YGL02.15642.C1	8.20440391	-0.469212773	0.206482273	-0.108621091	-0.041391538	0.102385908	0.405470494	0.002727855	0.021924727
YGL02.10169.C1	8.928534452	-0.469313547	-0.11162053	-0.417612047	-0.111311163	0.077413133	0.34912332	9.00E-05	0.001973796
YGL02.3767.C1	10.4225585	-0.469345181	-0.010031204	-0.477041017	0.249296564	0.01725706	0.450046493	0.001419732	0.013741844
YGL02.2307.C1	9.581237064	-0.469368865	-0.055106115	-0.285150612	-0.135685928	0.167078409	0.448969005	0.002872801	0.022733247
YGL02.3516.C1	10.79587264	-0.469661387	-0.101081903	-0.507816221	-0.0084927	0.226797795	0.583215733	0.002769203	0.022158045
YGL02.11367.C2	9.414391425	-0.469820036	-0.271505036	-0.700763563	-0.182347712	0.104732246	0.298391285	0.000331513	0.004909114
YGL02_GNYA1SO04H9YDE	8.344873725	-0.470090877	0.079601941	0.008869594	0.052640701	-0.02612404	0.332248418	0.003288527	0.025022446
YGL02_GNYA1SO04IKPG5	9.258659305	-0.470095996	-0.096245559	0.474352276	0.189763655	-0.234096053	-0.135890791	0.002298072	0.019379739
YGL02.3323.C3	11.71874908	-0.470122739	0.027609638	-0.24517241	-0.306176458	0.098804237	0.331614391	0.002573523	0.020999681
YGL02_GNYA1SO04JZG77	8.138374662	-0.470132867	-0.412577736	-0.329238963	-0.355354005	0.509447118	0.456683113	0.001587763	0.014896745
YGL02.10202.C1	8.610064473	-0.470202133	-0.116026997	-0.184347535	0.050127466	-0.000426342	0.059557028	0.002308838	0.019439637
YGL02_GNYA1SO04ISQPX	8.226755515	-0.470318928	-0.009540243	-0.546494578	-0.387126848	0.079288419	0.422601833	0.000653688	0.007916507
YGL02_GNYA1SO04H8Z5I	7.889605352	-0.470332925	-0.324993493	-0.269319951	0.207040197	0.381197174	0.58260863	0.006391535	0.040423241
YGL02.642.C1	7.957765449	-0.470726453	0.199741175	0.19135843	0.090593252	0.055019152	0.019991654	0.000960442	0.010425415
YGL02.18794.C1	6.602855397	-0.471097969	0.092590315	0.879945023	-0.186468846	-0.028278389	0.400683587	0.002490224	0.020517666
YGL02_GNYA1SO04JCMHC	10.26041479	-0.471178871	-0.167623153	-0.286547786	-0.020925955	0.14134386	0.351677919	0.00028279	0.004391501

YGL02_GNYA1SO04H8TT2	8.061893899	-0.471216733	-0.064660247	-0.451400557	-0.036208382	0.17042131	0.758087695	0.002280918	0.019275244
YGL02_GNYA1SO04H7JZP	8.574848149	-0.471246955	0.308615183	-0.245123475	0.403821076	0.116088315	0.179661462	0.001920111	0.017058875
YGL02.13629.C1	9.445806583	-0.471265735	0.053751026	-0.134085697	0.234908928	0.071489202	0.435969307	0.000325702	0.004845233
YGL02.10264.C1	9.085667342	-0.471525969	0.20993093	-0.169113077	-0.181605423	-0.100837132	0.369580181	0.000898112	0.009940468
YGL02.8152.C1	9.951696939	-0.471568149	-0.021496762	-0.65888881	-0.113060052	0.109313048	0.5947743	0.003988118	0.028720533
YGL02_GNYA1SO04JMDG0	7.585443426	-0.471611687	-0.171794386	-0.174855372	-0.021646441	0.310067659	0.44337495	0.004973162	0.033758644
YGL02.5136.C2	9.989978735	-0.471680764	-0.022501633	-0.299223793	0.207013472	-0.073276929	0.417505801	0.000930424	0.010189408
YGL02.1060.C1	8.779054195	-0.471767431	0.056701587	-0.121826651	0.335804709	0.004362944	0.287112635	0.001121415	0.011618592
YGL02_GNYA1SO04IDZLB	14.44406382	-0.471778499	-0.063927325	-0.286904107	0.071116184	0.089988491	0.231664825	0.001540205	0.014587375
YGL02_GNYA1SO04JGNM3	7.632236097	-0.471961754	-0.031084093	-0.048744483	0.592093462	0.279412235	0.178494273	0.002767832	0.02214844
YGL02.2560.C1	9.304629962	-0.471979386	-0.463247623	-0.05040984	0.09151981	0.023881745	-0.079428381	0.007610098	0.045847458
YGL02_GNYA1SO04IKJ1Z	9.29430838	-0.472138594	-0.18394675	-0.487592201	-0.103953194	-0.097202766	0.573345528	0.001209077	0.012262028
YGL02_GNYA1SO04H7C1U	9.632373795	-0.472178468	-0.026217523	-0.085812046	-0.188331464	0.028232875	0.120637638	0.003589098	0.026644684
YGL02.10411.C1	9.370484384	-0.472290417	-0.010574162	-0.1391001	-0.156411061	0.08967794	0.377523793	0.002726051	0.021915672
YGL02.6638.C1	10.90834552	-0.472380671	-0.006919764	-0.108441918	-0.39256601	0.13026431	0.302664354	0.002547673	0.020858743
YGL02_GNYA1SO04I62KI	8.200251961	-0.472429583	-0.162214326	-0.123364398	0.321981604	0.01560594	0.318846861	0.000533048	0.006833278
YGL02_GNYA1SO04JRQIV	10.52861007	-0.472625439	-0.153818426	-0.124972567	-0.016314673	0.078038599	0.151693363	0.000244716	0.003953373
YGL02_GNYA1SO04JJ93S	11.85842923	-0.472638759	-0.111270983	-0.476607927	-0.124801972	0.231922751	0.546779538	0.000722885	0.008515599
YGL02_GNYA1SO04JRXYQ	8.906526368	-0.472679997	-0.152115457	-0.131262315	-0.189369781	0.258234354	0.246323402	0.001017678	0.010844
YGL02.6763.C1	9.587985021	-0.472692828	0.215442252	-0.41168331	-0.201329982	-0.12120806	0.292520776	0.000100556	0.002133352
YGL02.4015.C1	8.519882124	-0.472956291	0.066743061	0.349166473	0.13357364	0.320585125	0.067451155	0.001981284	0.01744201
YGL02_GNYA1SO04IGT7J	8.297404217	-0.472971321	-0.070556298	-0.140485403	0.472970746	0.449994825	0.357479736	0.005065509	0.034216742
YGL02.1553.C1	13.51045783	-0.47315606	-0.125794631	-0.104595208	0.147418919	0.058663535	0.512228803	0.000354878	0.005141641
YGL02_GNYA1SO04IRTMJ	9.8280193	-0.473162692	-0.245781141	-0.344702133	-0.028659839	0.208432459	0.289145237	0.001301084	0.012909934
YGL02_GNYA1SO04JM9HD	10.27860267	-0.473351938	-0.069353537	-0.365304379	0.074179517	0.101415809	0.25171948	0.002228611	0.018940756
YGL02.6046.C1	7.63449932	-0.473441561	-0.083250211	-0.252005858	-0.276973285	-0.048374293	0.253711848	0.003379625	0.025510266
YGL02.18629.C1	8.579874957	-0.473661838	0.02232104	0.041654398	-0.23434604	0.310736645	0.238057772	0.000769352	0.008905825
YGL02.22940.C1	10.38806272	-0.473734062	-0.226890235	-0.38782154	-0.075559727	-0.031050764	0.195492829	0.000349425	0.005093967
YGL02.15997.C1	8.052555332	-0.473808449	0.010974188	0.135683362	-0.183856367	0.317203383	0.128473263	0.004460682	0.031159689
YGL02.4773.C1	8.498235365	-0.47393369	0.286616121	0.048777313	-0.459228949	-0.04263698	0.312783175	0.002799067	0.022329398
YGL02_GNYA1SO04IRXCE	7.131167947	-0.474123023	-0.352647702	-0.227623719	-0.156395198	0.222479845	0.081496412	0.008398952	0.049154694
YGL02_GNYA1SO04JD650	7.217463799	-0.474251879	0.005257477	-0.126257194	0.414884018	0.122437401	0.405369297	0.001980737	0.017439566
YGL02.10137.C1	9.207272603	-0.474421423	0.001724497	-0.588366171	-0.116385707	0.044686576	0.623673064	0.000452254	0.006084131
YGL02_GNYA1SO04JDABK	8.807843665	-0.474547972	0.014115652	-0.569037526	0.221946468	0.008034193	0.63702016	0.006418924	0.040546149
YGL02.3884.C1	6.963708969	-0.47464762	0.082355855	0.250100629	0.176059947	-0.095090218	0.088789169	0.000635755	0.007759559
YGL02_GNYA1SO04IQVTH	8.32363072	-0.474783947	-0.346032409	-0.806939078	0.373262776	0.134054436	0.315218718	0.007558407	0.045630955
YGL02_GNYA1SO04ISLSF	9.212054488	-0.474882615	-0.28863292	-0.646657341	-0.268525898	-0.171002135	-0.139580664	0.003038421	0.02365307
YGL02.15990.C1	6.823550134	-0.474976056	0.166859313	-0.09502588	0.087286535	-0.231793208	0.4020629	0.002689966	0.02169156
YGL02_GNYA1SO04JW5UK	9.477396111	-0.474993858	-0.109579296	-0.567919983	-0.025916522	0.230887149	0.547077656	0.005539174	0.036511807
YGL02.13240.C1	8.667350526	-0.475406083	-0.213176521	-0.230261939	0.022558075	0.20600507	0.532526131	0.003384188	0.025531312
YGL02.2423.C2	14.44287973	-0.475437108	-0.021904854	-0.306150215	0.02865443	0.06335929	0.296792872	0.000755292	0.008793374
YGL02.3678.C2	9.203576852	-0.475563096	0.025563937	-0.167467185	-0.166436602	0.182364199	0.550758599	0.000343158	0.005028654
YGL02.6208.C1	11.95011436	-0.475590595	0.028953781	-0.077589955	0.163120132	0.149429854	0.66492452	0.00168829	0.015563548
YGL02.16034.C1	9.121575518	-0.475655062	-0.334493361	-0.319347379	0.0232756	0.206263035	0.080889994	0.002425616	0.020134154
YGL02.13039.C1	9.687897725	-0.475731041	-0.079627559	-0.021637745	-0.122347885	0.053986116	0.24960372	0.000337639	0.004970152
YGL02.8822.C1	8.792866448	-0.475828831	0.463599741	-0.612170962	0.037578668	-0.390046529	0.737382179	0.001639698	0.015242069
YGL02.3291.C1	7.598928626	-0.47594904	0.130042278	-0.229571932	0.125090534	0.100363749	0.24006911	0.002346241	0.019658495
YGL02.8100.C2	12.06444836	-0.476026589	-0.134132904	-0.487536378	0.009808891	0.089967531	0.215099982	0.001294754	0.012859935
YGL02.12583.C1	8.995240302	-0.476166589	0.02913974	0.320760557	-0.24908436	0.028282276	-0.096767116	0.002442117	0.02023345
YGL02.19750.C1	7.065486979	-0.476409976	-0.211106146	-0.40554431	-0.102441958	0.431549828	0.629053713	0.006486934	0.04083433
YGL02_GNYA1SO04JL3R0	11.32935275	-0.476418299	-0.056309898	-0.308931241	-0.456757479	0.149815499	0.225394524	0.000104325	0.00218429
YGL02.1669.C6	8.770330204	-0.476627605	0.092704253	0.052464154	0.028116729	0.035807376	0.478819797	0.00050455	0.006560046
YGL02.3111.C2	9.203183719	-0.476937066	0.329107499	0.380361932	0.101776029	0.003707866	0.04056241	0.002193159	0.018735358
YGL02.10120.C1	9.429572721	-0.476939118	-0.187884749	-0.440855225	-0.272143342	0.055220808	0.526099667	0.000763503	0.008860292
YGL02_GNYA1SO04JEZP8	12.11525843	-0.477096618	0.036427404	-0.112702826	0.130318481	0.165689911	0.348909878	2.60E-05	0.000831448
YGL02.5185.C1	11.87398638	-0.477236565	-0.03537198	-0.616282623	-0.195798707	0.051593558	0.377921244	0.006299351	0.039993734
YGL02_GNYA1SO04JXKXB	11.63811793	-0.477329889	-0.42150304	-0.725097917	-0.036256664	0.18272332	0.603277149	0.00767033	0.046105225
YGL02.2001.C2	9.667338073	-0.477404585	0.203888116	0.086631552	-0.315675719	-0.070520777	0.01155044	0.002161443	0.018532884
YGL02_GNYA1SO04JBTXN	9.058060901	-0.477530767	-0.199656099	-0.186289263	-0.150585294	0.22829309	0.348835746	0.000171621	0.003082895
YGL02_GNYA1SO04JHK39	9.702559067	-0.477591759	-0.056203669	-0.227268181	-0.176352786	0.156298013	0.17189037	0.000227984	0.003760949
YGL02.2633.C2	10.18130896	-0.477811433	-0.114754599	-0.505141177	0.039928118	0.260174846	0.570184826	0.001244162	0.012505144
YGL02_GNYA1SO04H6OXE	11.18514504	-0.478368846	-0.256192863	-0.500238244	0.165911017	-0.100000914	0.489353385	0.000201804	0.003452207
YGL02.10292.C1	9.227528943	-0.478418887	0.035906629	-0.300355481	0.128488154	0.187434916	0.468361278	0.002156675	0.018504253
YGL02.1748.C1	10.25495353	-0.478505159	0.09136979	-0.161526526	-0.057086023	0.081249014	0.530652702	0.002555282	0.020894329
YGL02_GNYA1SO04JYT3A	11.06873198	-0.478570839	-0.15083756	-0.282115365	-0.541551098	0.058621165	0.27495509	0.001586167	0.014891984
YGL02.3577.C2	11.2472668	-0.478621458	0.228751595	0.005796488	-0.038135515	0.154187083	0.260734485	4.61E-05	0.001234656
YGL02.14182.C1	9.015380645	-0.478807009	-0.026128249	-0.14792249	0.110717571	-0.179156733	0.287133853	0.007971222	0.047378465
YGL02.9206.C1	10.22615947	-0.479391409	0.072008921	0.520880011	-0.373966181	-0.058616166	-0.018311671	0.001753282	0.01600568
YGL02.14083.C1	7.469976518	-0.479432798	-0.08345731	-0.015453988	-0.754839762	0.202930268	0.230928867	0.004493962	0.031328504
YGL02_GNYA1SO04JG4SV	13.64880756	-0.479564801	-0.311812094	-0.580635975	0.367048454	0.205993186	0.5330855	0.006595263	0.041331405
YGL02_GNYA1SO04IU56W	7.690445415	-0.479670183	0.185486151	-0.103742699	0.213260711	0.084621174	0.228726744	0.000414337	0.00573429
YGL02_GNYA1SO04JB46I	9.420198298	-0.479727378	-0.352175316	-0.354335151	0.584364386	-0.061473224	0.703496059	0.005920073	0.038293533
YGL02.9689.C1	7.256984194	-0.480043625	-0.007158717	-0.218434858	-0.111033834	0.094154853	0.39840044	0.000450543	0.006068054
YGL02_GNYA1SO04JJF1B	9.121722873	-0.480052482	-0.407023257	-0.413725746	-0.332872835	0.632724815	0.842588401	0.002046538	0.0178286
YGL02_GNYA1SO04J0H6Z	10.44365612	-0.480317037	-0.118829289	-0.347411865	0.112191631	0.113944252	0.309830036	0.000499243	0.006512388
YGL02.92.C1	9.35770308	-0.480400925	-0.252149529	-0.368546265	-0.479809547	0.335887156	0.455868409	0.001611539	0.015052708
YGL02.13906.C1	7.301550953	-0.480524326	-0.037564498	-0.377796803	0.285042767	0.256437374	0.528209906	0.001265639	0.0126552
YGL02_GNYA1SO04IIJA3	11.51293146	-0.480572461	-0.198986014	-0.390653207	-0.13262192	0.141202476	0.033939219	0.000872353	0.009732729
YGL02.4627.C1	8.470715568	-0.480642579	-0.128282828	-0.456068386	-0.312556974	0.139415276	0.263884642	0.000962547	0.010439512
YGL02_GNYA1SO04IL1WS	6.801827427	-0.480703441	-0.617503955	-0.255177472	0.082139298	0.55931839	0.621282729	0.004704841	0.032421593
YGL02_GNYA1SO04JU72B	7.460317491	-0.4808714	-0.255886928	-0.120819125	0.012234482	0.258601134	0.154181349	0.002481677	0.020474754
YGL02.4160.C1	8.159782816	-0.480952985	0.099725672	-0.487298255	-0.239893273	0.05034593	0.743867423	0.000468443	0.006236487
YGL02.879.C1	9.679543368	-0.481034838	0.087232626	0.129305802	-0.041297591	0.089047835	0.392463075	0.001062123	0.011178695
YGL02.5262.C1	6.804562506	-0.481041797	-0.262035792	-0.086876697	0.20165326	0.284051845	0.240855097	0.005787775	0.03768558
YGL02.7116.C1	6.932477829	-0.481212873	0.414833338	0.307785906	-0.086500094	0.129439408	0.072869672	0.006353937	0.0402487
YGL02.20938.C1	7.415588284	-0.481308799	-0.214786898	-0.47551423	0.003222434	0.016741927	0.329394385	0.000561307	0.007097746
YGL02.1301.C1	11.70741481	-0.48139484	0.379749099	0.006756108	-0.31179616	0.257531176	0.380057992	2.86E-05	0.000890847
YGL02_GNYA1SO04JFYH7	10.22255666	-0.481453979	0.008379409	0.096506597	-0.149588677	-0.105933772	0.07725452	0.001633033	0.015195388
YGL02.6264.C1	7.893733934	-0.48149595	-0.365566016	-0.378931332	-0.000327878	0.096123598	0.433163383	0.001740532	0.015915488
YGL02.12411.C1	9.123333028	-0.481728279	0.190973118	0.147058387	-0.253720435	-0.032543712	0.324271382	0.002960735	0.023197494

YGL02.9494.C1	7.221019108	-0.481791278	0.157221947	0.058411629	0.114954485	0.166989095	0.353380875	0.000819043	0.009311065
YGL02.3323.C1	12.23418313	-0.481915652	-0.129097065	-0.306592705	-0.06628049	0.11989354	0.307633842	6.02E-05	0.001478599
YGL02_GNYA1SO04H81GM	9.135785712	-0.482152925	0.016268412	-0.271537526	-0.00146049	-0.03782465	0.276274113	0.001032352	0.010961929
YGL02.17503.C1	12.16072417	-0.482334241	-0.070504346	-0.506788048	-0.156229227	0.008446242	0.495612011	0.000502095	0.006537248
YGL02_GNYA1SO04IAFX4	11.48943626	-0.482401816	-0.079205493	-0.264903508	0.079326609	0.118735837	0.635637951	0.001083406	0.011328111
YGL02.2125.C1	9.813606858	-0.482602804	0.253111855	0.051967737	-0.1499786	0.023967689	0.220262091	0.001953095	0.017268981
YGL02.18403.C1	9.224215413	-0.482746807	-0.055073113	-0.396829176	0.117594537	-0.023122004	0.327257028	0.000134115	0.00259941
YGL02.7819.C2	8.698546063	-0.482753103	-0.321608026	-0.23795326	0.100578894	0.450137113	0.51235397	0.005282164	0.035271941
YGL02.801.C1	10.19242729	-0.48275397	-0.258702849	-0.150225856	0.072909869	0.204750169	0.544951617	0.000489393	0.006427518
YGL02_GNYA1SO04JW77C	8.973661211	-0.482873983	0.014708066	-0.37463635	-0.080274065	0.099600389	0.49487093	0.000845848	0.009522336
YGL02.10595.C1	7.282459673	-0.482908753	-0.048846859	-0.251084561	-0.448017927	0.127884056	0.514384035	0.002809699	0.022389383
YGL02.8280.C1	10.92698195	-0.483007976	-0.054860924	-0.327515411	0.012156661	0.07648693	0.060109322	0.000122256	0.002437873
YGL02.11426.C1	8.40149335	-0.483178878	0.003087438	-0.056616836	0.148555101	0.259039656	0.61081962	0.003821584	0.027848494
YGL02.7020.C1	10.50041518	-0.483244266	-0.201088109	-0.208831016	0.046319942	0.141386897	0.270036844	0.000648616	0.007872017
YGL02.20144.C1	8.718398893	-0.483597368	0.277271188	0.314581437	-0.304045095	-0.009808985	0.102805782	0.007406862	0.044955591
YGL02.17185.C1	8.205036755	-0.483668946	-0.420418232	-0.097587916	-0.123887422	0.150814436	-0.03397897	0.002804356	0.022356942
YGL02.11699.C1	8.235448306	-0.483771237	0.142552963	-0.116266994	-0.137631087	-0.050794747	0.601926805	0.000733221	0.008606826
YGL02_GNYA1SO04IFQZG	3.385913228	-0.483825444	-0.386603814	-0.29289638	-0.006499305	0.436744348	0.290386876	0.007499085	0.045385575
YGL02.491.C1	9.611597355	-0.483997206	-0.184520233	-0.248526375	0.379939201	0.114837138	0.439260627	0.003777128	0.027617289
YGL02.7897.C2	9.814910922	-0.484065268	-0.221453781	-0.511405812	-0.018377328	-0.035203797	0.355634591	0.000502373	0.006539609
YGL02.9726.C1	9.82238947	-0.484082579	-0.101537572	-0.325478829	0.16288085	-0.04959886	0.401137926	0.003140115	0.024219061
YGL02_GNYA1SO04IY4WD	10.37891001	-0.48420012	-0.137646986	-0.519713816	-0.111112141	0.006107773	0.139909112	0.001212308	0.012286487
YGL02_GNYA1SO04JMFAY	9.70737322	-0.484260027	-0.07300581	-0.353901547	0.342255622	0.019570855	0.133802258	0.003000625	0.023432093
YGL02_GNYA1SO04H0IZ9	10.18788284	-0.484296489	-0.431868678	-1.006449597	0.138877666	0.219354913	0.351664194	0.001684214	0.015535438
YGL02.385.C1	9.151257947	-0.484410158	-0.357754513	-0.594077703	0.108707753	0.379190899	0.688063947	0.005958654	0.03845857
YGL02_GNYA1SO04II8C5	7.994484735	-0.48443497	-0.078189855	-0.139978702	-0.209326559	-0.077870902	0.414660193	0.006996532	0.043089155
YGL02.4222.C2	8.514163585	-0.484598558	-0.098208112	-0.21201743	0.080887602	0.199656608	0.33522846	0.000140665	0.002685909
YGL02.17372.C1	5.907900927	-0.484622497	-0.160325318	-0.181749965	-0.225656963	0.207874476	0.369306715	0.001484156	0.01418583
YGL02.11987.C1	8.152606526	-0.484634053	-0.086956922	0.269769814	0.11745596	0.008181533	0.277754652	0.001225942	0.012374839
YGL02_GNYA1SO04JCSFZ	9.332838863	-0.484670157	0.192647506	-0.834106907	0.133956681	0.007476641	0.688133601	0.001883954	0.016817035
YGL02_GNYA1SO04JJCFV	8.051797043	-0.484693332	-0.303342386	-0.297865902	0.312242838	0.394312726	0.611566325	0.003522217	0.026274581
YGL02.5138.C1	8.792392279	-0.484708484	-0.196700437	-0.623736599	-0.684004769	-0.087054272	0.329165377	0.00142224	0.013763042
YGL02.2324.C2	6.068209969	-0.484959938	-0.182897148	-0.430257992	0.627336499	-0.17946302	0.448556113	0.00858879	0.049918299
YGL02.17160.C3	6.263011714	-0.485070015	-0.265849305	-0.419353992	-0.241276571	0.267017255	0.408007008	0.006114034	0.039174413
YGL02.2304.C3	11.99974954	-0.4851582	-0.200414918	-0.362216101	-0.179845877	0.187310281	0.317123659	0.000563237	0.007117982
YGL02.22694.C1	7.107175147	-0.485291008	-0.127630996	-1.064971216	-0.167173257	0.079842803	0.767806681	0.007520358	0.045469699
YGL02_GNYA1SO04JUVKW	7.155545933	-0.485383702	0.10791023	-0.273505434	-0.141121987	0.232472609	0.353631795	0.002004001	0.017568017
YGL02.18796.C1	10.07997257	-0.485400539	-0.016980338	-0.299640569	-0.066911031	0.120443754	0.276052693	0.000143401	0.002723698
YGL02.3523.C2	9.736037283	-0.485450567	-0.018774872	-0.389976883	-0.113453268	-0.065258034	0.317259383	0.000517764	0.006687395
YGL02_GNYA1SO04IAW55	8.080329114	-0.485496196	-0.026660821	-0.309877263	0.332610721	-0.156171261	-0.05689856	0.004254617	0.030105654
YGL02.13901.C2	13.21199989	-0.485748356	0.204847558	-0.081947703	-0.003308318	-0.103396337	0.19973616	0.000106744	0.002220123
YGL02.5321.C2	11.02447407	-0.485825586	-0.016588485	-0.35062222	-0.343721993	0.049590788	0.264790361	0.000413091	0.0057201
YGL02.15930.C1	9.108980073	-0.485962022	-0.129282844	-0.411518986	-0.044860458	0.184823385	0.347135043	0.000315735	0.004749324
YGL02_GNYA1SO04IJ4X1	9.767969562	-0.486267684	-0.089115509	-0.233660151	0.301310766	0.099867916	0.26217202	0.007221543	0.044147382
YGL02.5532.C5	6.530293763	-0.486458557	0.00268326	0.299779424	0.198874744	0.026050817	0.031426565	0.001009449	0.010779161
YGL02.7408.C1	8.388949453	-0.48649602	-0.115999548	-0.451513581	-0.278388555	0.277546704	0.510397711	0.002361739	0.019755835
YGL02.9258.C1	8.884352713	-0.486571527	-0.072684555	-0.059383091	-0.171487633	-0.084700644	0.558921874	0.00052887	0.006795067
YGL02.225.C1	11.0825365	-0.486744469	0.081311994	-0.385296059	0.054451466	-0.063715439	0.411308246	0.000108744	0.002250967
YGL02_GNYA1SO04H1X8B	10.51598414	-0.487339537	0.012552938	-0.41284542	-0.44702746	-0.075867712	0.112026064	0.000160837	0.00294248
YGL02_GNYA1SO04JB48I	10.57814139	-0.487536379	0.056675273	-0.141851341	0.35270931	-0.044232301	-0.168667081	0.003137766	0.024203826
YGL02.3462.C1	8.156652205	-0.487655435	-0.171333841	-0.350495362	0.181860741	0.245190266	0.300677815	0.000922546	0.010131252
YGL02.21197.C1	10.19266597	-0.487690934	0.200068558	-0.246332761	-0.403542212	0.264013414	0.407965846	0.002332744	0.019579053
YGL02.4001.C1	9.492856371	-0.487766814	-0.068835482	-0.201209847	0.172778847	0.100240883	0.433803272	0.000271429	0.004260019
YGL02_GNYA1SO04IKDO7	7.108774791	-0.487820786	-0.037127046	-0.088509521	-0.142800381	0.276406726	0.370933746	0.004530072	0.031508994
YGL02.6989.C1	10.2126933	-0.487827159	-0.08364438	-0.155394954	-0.041094078	0.096345179	0.306122488	0.001971747	0.017384051
YGL02.12508.C1	10.52190624	-0.487889033	-0.169770783	-0.554502324	0.264634446	0.467058852	0.459945911	0.001782227	0.016188153
YGL02_GNYA1SO04IILE5	7.18386471	-0.488024922	0.631947102	0.4120635	0.226153334	0.235490842	0.271297232	0.002895864	0.022859376
YGL02_GNYA1SO04IQP4S	8.294884496	-0.488026387	0.118279003	-0.136195024	0.0158186	-0.049405728	0.398336335	0.000192177	0.003334654
YGL02_GNYA1SO04IWR4X	7.177009094	-0.488110608	-0.212721506	-0.220166058	0.281391874	0.16442792	0.399814843	0.006494604	0.040870691
YGL02.3323.C2	11.90770381	-0.488325226	-0.143931044	-0.348555547	0.051713054	0.130608246	0.383413262	4.28E-05	0.001173663
YGL02_GNYA1SO04H1SRI	11.01275501	-0.488423782	-0.419572704	-0.603105707	0.022182317	0.300545241	0.523077981	0.002433518	0.020181575
YGL02_GNYA1SO04JUYOS	8.148855017	-0.488860232	0.058537189	-0.360589332	-0.092214786	-0.164447558	0.082853116	0.00794091	0.047240401
YGL02.12327.C1	7.126181307	-0.488930915	-0.262941657	-0.492830235	0.342907659	0.170795466	0.194487727	0.003876407	0.02813351
YGL02.2017.C1	7.624856823	-0.488964608	-0.143073711	0.048321159	0.684327659	-0.303346679	0.278603908	0.005120453	0.034473874
YGL02_GNYA1SO04IZ65J	7.224663276	-0.489073096	-0.190073624	0.149898887	0.165145103	0.361773664	0.166266749	0.001847758	0.016601726
YGL02.1412.C2	10.08257445	-0.48911092	0.013068619	-0.277961028	-0.03197411	0.194403372	0.582808969	0.000175655	0.003130594
YGL02.7083.C1	10.24212703	-0.489155351	-0.259647681	0.050196812	-0.184738679	0.026506892	0.286369618	0.000276097	0.0043125
YGL02_GNYA1SO04JVOSJ	10.19175468	-0.489183853	-0.329250998	-0.741411554	0.221615469	0.167841674	0.344204429	0.00239144	0.019936032
YGL02.1700.C3	9.704211029	-0.489195561	0.21575345	-0.114466489	0.566348395	0.118231209	0.469187629	0.001842072	0.016564668
YGL02.1125.C3	7.785081738	-0.489287694	-0.008642132	-0.146721374	-0.081625026	0.246716875	0.215017066	0.000438603	0.005950561
YGL02_GNYA1SO04JF8AU	10.62417017	-0.489354607	-0.184110057	-0.248213484	-0.09313913	0.000215187	0.322768278	0.004665249	0.032200172
YGL02_GNYA1SO04JVXHF	8.975261523	-0.489369364	0.057746594	-0.179518162	-0.120284787	0.109861634	0.544841859	0.000433559	0.005903775
YGL02.12115.C2	9.505116663	-0.489692164	-0.274735798	-0.25234899	0.05974324	0.060334006	0.126604994	0.002922634	0.023010381
YGL02.17178.C1	10.12169828	-0.489884364	-0.179553515	-0.280017013	-0.044737833	0.102503548	0.137404087	0.000162338	0.002961766
YGL02_GNYA1SO04JJRDC	8.400090047	-0.489924673	-0.402330454	-0.270689517	0.105847856	0.218770396	0.031657911	0.001636601	0.015219834
YGL02_GNYA1SO04JM2VK	8.296080819	-0.490403814	-0.097048145	-0.489720518	-0.125672588	-0.016946502	0.276735294	0.003592027	0.026659768
YGL02_GNYA1SO04JPHU7	8.220051997	-0.490420321	-0.111680515	-0.27903328	0.081692259	-0.026833059	0.501042101	0.005658851	0.037094709
YGL02_GNYA1SO04JHHJE	10.00367564	-0.490541908	-0.16323149	-0.261022059	0.447791354	-0.029915545	-0.003212466	0.003551578	0.026438352
YGL02.2873.C2	10.23288694	-0.490625836	0.016524541	-0.097797022	0.070569222	-0.127386419	-0.418296726	0.003367218	0.025441818
YGL02.17333.C1	10.25887068	-0.490637137	-0.030848291	0.094898975	0.015107018	0.183362814	0.348751665	0.00022502	0.003729637
YGL02_GNYA1SO04JWEGB	7.687191787	-0.490687328	0.069278029	-0.235828398	-0.293170901	0.165590067	0.402205025	0.007428678	0.045052102
YGL02_GNYA1SO04JFCYW	13.49135653	-0.490724403	0.180309905	-0.189928987	-0.00076826	0.222933046	0.511526724	0.000143536	0.002724381
YGL02.16097.C2	9.723833633	-0.490811923	-0.104763796	-0.308935279	-0.249887611	0.257831702	0.316148783	0.000998557	0.010696584
YGL02.7018.C1	8.190891468	-0.490827506	0.205866847	-0.167014869	-0.042352633	-0.045711029	0.156138978	0.000774503	0.008943165
YGL02_GNYA1SO04H76NS	10.09180705	-0.490878763	-0.003432608	-0.041556391	-0.268536022	0.148349663	0.273112149	0.000159536	0.002926283
YGL02.6592.C1	8.86960536	-0.491048138	-0.117525917	-0.684186651	0.138727671	-0.06989525	0.448662889	0.000717543	0.008465772
YGL02.12229.C1	10.74376045	-0.491104339	-0.236074969	-0.202816392	-0.092003833	0.223711744	0.584066318	0.003825032	0.027861153
YGL02_GNYA1SO04J0BSQ	7.019279061	-0.49113538	-0.026026669	-0.037271166	0.62994311	-0.07869533	0.316831975	0.003812669	0.027798679
YGL02.6365.C2	11.38181723	-0.491181492	-0.334250624	-0.430043329	0.010128339	0.242928053	0.487804172	0.000563293	0.007117996
YGL02.21675.C1	8.765678187	-0.491331364	-0.161454593	-0.209601452	-0.208797351	0.083599496	0.429437722	0.000705866	0.008363053

YGL02_GNYA1SO04II9ST	9.436175074	-0.491429432	-0.196366529	-0.481403745	-0.059594994	0.122575947	0.569313571	0.000641954	0.007813119
YGL02.1055.C10	10.06415103	-0.491441749	0.075084417	-0.119330313	-0.30589866	0.288186392	0.350585985	0.002789155	0.022275748
YGL02_GNYA1SO04JV3PL	8.346037837	-0.491485772	-0.004105468	-0.463041387	-0.332866201	-0.001885077	0.67913966	0.00046631	0.006219605
YGL02.18803.C1	8.86231908	-0.491528721	-0.210054749	-0.494606189	0.089877034	-0.038781702	0.175696805	0.000661842	0.007983149
YGL02_GNYA1SO04IDQE3	8.998402992	-0.491699286	-0.15854027	-0.487730205	-0.018680922	0.190942864	0.480011669	0.003106312	0.024039957
YGL02_GNYA1SO04JYRX3	7.991355673	-0.491745608	-0.078889544	-0.474141524	0.43442821	0.228634433	0.588721096	0.003698336	0.027193189
YGL02.22699.C1	7.953583827	-0.491795664	-0.204435711	-0.467599216	0.019779527	0.09483008	0.406781028	0.000258698	0.00411255
YGL02.134.C2	7.909212933	-0.491868005	-0.015406561	-0.520060391	0.045660167	0.204883029	0.766666765	0.00530228	0.03537343
YGL02.21188.C1	6.43063369	-0.49201813	-0.102967845	-0.253426679	-0.042861496	0.099822889	0.26444086	0.00294357	0.023107228
YGL02.11535.C1	7.453551911	-0.492031331	0.224376158	-0.106981678	-0.161613297	-0.211503728	0.540401497	0.002764812	0.022135218
YGL02.5192.C1	9.558475815	-0.492244272	-0.273871998	-0.274658649	0.135218337	0.188797576	0.483571843	0.007534684	0.045526557
YGL02.12045.C1	8.688429908	-0.492294009	0.005805199	-0.105614567	-0.092730208	0.252480729	0.608397314	0.003610137	0.026749719
YGL02.4677.C3	13.87521311	-0.492341959	0.196550167	-0.070205725	0.139039326	0.22114752	0.426052288	0.001121151	0.011616787
YGL02.5509.C1	7.449139909	-0.492368326	0.133942542	-0.379729085	0.031750724	-0.025276459	0.251460306	0.007239728	0.044223064
YGL02.11042.C2	8.946124601	-0.492462321	-0.428667914	0.397851377	-0.003637744	-0.062572328	0.310086886	0.007544839	0.045568781
YGL02_GNYA1SO04JEGSC	8.480308252	-0.492540608	-0.038036293	-0.249444398	-0.331647042	0.05323702	0.394753307	0.00596973	0.038505108
YGL02_GNYA1SO04JHU9B	7.778401375	-0.492674005	0.152594888	0.05017696	-0.162230035	-0.126387771	0.191594946	0.002918885	0.022986451
YGL02.21980.C1	11.49901196	-0.492849824	-0.073212289	-0.296474275	-0.050091658	0.142747929	0.637541443	0.000166592	0.003015145
YGL02.898.C1	6.560895342	-0.492884817	0.589957924	-0.021896411	-0.325099361	0.097671298	0.518959442	0.007213837	0.044114856
YGL02.1893.C2	9.73265857	-0.493135407	-0.073835897	-0.372304702	-0.178027637	0.236081302	0.430171215	0.000102206	0.00215614
YGL02.19432.C1	7.230224383	-0.493215412	-0.011341109	0.069212771	0.12053672	0.315823082	0.488970183	0.00438399	0.030770574
YGL02_GNYA1SO04JK74I	7.628702142	-0.493236251	0.172041216	-0.089176174	0.333158737	0.063854843	0.531688237	0.00806576	0.047785633
YGL02_GNYA1SO04IZJLT	9.003783037	-0.493315413	-0.106803679	-0.499894067	0.106771006	0.195692267	0.081658908	0.002734873	0.021968864
YGL02.20770.C1	6.657221516	-0.493335098	0.232103209	-0.160162342	-0.160071839	0.154875983	0.283415222	0.002891714	0.022839148
YGL02_GNYA1SO04JX9Y6	9.678561441	-0.493656532	-0.077212676	-0.109046497	0.060942342	0.062175626	0.338034252	0.003475314	0.026018705
YGL02.10672.C2	9.330043933	-0.493752969	-0.101027859	-0.312907623	0.106034725	0.152735997	0.39989321	0.000129063	0.002528498
YGL02.11796.C1	11.79693894	-0.493797917	0.017699891	-0.189099052	0.034957377	0.141035529	0.330399387	0.000208549	0.003529817
YGL02_GNYA1SO04IYYCB	9.012479279	-0.493847543	-0.200150574	-0.219840435	-0.389907179	-0.022742954	0.104952905	0.002850088	0.022619004
YGL02.4650.C2	11.18295181	-0.493920693	0.007391385	-0.312565438	-0.185852766	0.024319	0.33306619	0.006628156	0.041483338
YGL02.7149.C1	11.36099902	-0.493996707	-0.208813029	-0.385378403	-0.068822866	-0.121180179	-0.013880723	0.004365458	0.030680411
YGL02.1012.C1	9.690998604	-0.494012357	0.054123081	-0.202643397	-0.084629938	0.018544825	0.13433222	0.000686136	0.008195195
YGL02.16193.C1	10.02009995	-0.49409346	0.038083193	0.194095992	-0.222037693	0.092951002	0.290571127	0.004372922	0.030715322
YGL02_GNYA1SO04H8ODT	7.759474546	-0.494119666	-0.051728946	-0.22991586	0.039416283	0.374771197	0.391597107	0.005728637	0.037415948
YGL02_GNYA1SO04JDI2Z	9.612252216	-0.494305208	-0.143435544	-0.229103439	0.167635452	0.258910294	0.200433773	0.001838367	0.016544412
YGL02_GNYA1SO04H3PMC	7.705861351	-0.494488609	0.236794407	-0.121682654	0.018723821	0.081548041	0.385641777	0.0056594	0.037094709
YGL02.20626.C1	8.243590695	-0.494529185	0.314315723	0.027991837	-0.238093779	0.094652344	0.577988866	0.001393328	0.013549066
YGL02_GNYA1SO04JAFU4	10.51637551	-0.494581489	-0.104135108	-0.089735876	-0.464357978	0.065016326	0.220031951	0.004053971	0.029091236
YGL02.22570.C1	5.740930821	-0.494666073	-0.058567675	-0.187625443	-0.328948993	0.10964244	0.496667267	0.00490809	0.033443143
YGL02_GNYA1SO04IPGV9	6.351439659	-0.494694445	-0.067447142	-0.229829279	-0.053597015	0.006477018	-0.297586491	0.006913268	0.042704701
YGL02_GNYA1SO04IVMAR	8.638171039	-0.494742947	-0.01608655	0.085202623	-0.282045854	0.175458293	0.28106704	0.001225633	0.012372683
YGL02.1529.C2	12.10900977	-0.494754498	-0.093313302	0.04918297	-0.198525566	0.115185988	0.163295678	0.000201639	0.003450752
YGL02.8844.C1	7.440957788	-0.494786208	-0.280770051	-0.721050444	-0.063835444	0.049368689	0.824394624	0.006610732	0.041404304
YGL02.11622.C1	9.756882793	-0.4944898	0.009657951	-0.060137089	-0.073359461	0.14815135	0.42004587	0.005320167	0.035461703
YGL02_GNYA1SO04JV8KC	9.098561605	-0.49526905	-0.179554874	-0.44322821	-0.286682744	0.119958002	0.375084399	0.006324563	0.040094832
YGL02.14906.C2	8.67109877	-0.495272163	-0.047205935	-0.022829156	0.130324486	0.118758925	0.375590966	4.64E-05	0.00123932
YGL02.10551.C1	10.89814948	-0.495298067	-0.084353126	-0.443474411	-0.085880373	0.100001752	0.478142175	0.000275623	0.004308102
YGL02.17131.C1	8.663440585	-0.495309817	-0.105584004	-0.464956352	-0.038575069	0.423445766	0.667224839	0.008280448	0.048648031
YGL02.3250.C1	8.9752319	-0.495352335	-0.19491358	-0.397764076	-0.060654521	-0.038587046	0.257474657	0.001833284	0.016508328
YGL02.23253.C1	7.625946681	-0.49535374	0.202992097	0.105266652	-0.02082404	0.387138061	0.359088139	0.000205026	0.003484356
YGL02_GNYA1SO04JAZWW	13.48432781	-0.495465428	-0.291615143	-0.231325749	-0.133362681	-0.007723075	0.349663079	9.58E-05	0.002062069
YGL02.6229.C1	8.417807929	-0.495622992	0.172578367	-0.056288215	0.80005003	-0.115223322	-0.023565427	0.006476766	0.040796105
YGL02.3975.C1	7.653849979	-0.495624786	-0.392808553	-0.284582944	0.075509421	0.174431468	0.298271492	0.000468047	0.006233778
YGL02.22561.C1	7.852042628	-0.495655507	0.209617951	-0.315914456	-0.253986756	-0.354126191	0.243880256	0.001886506	0.016833076
YGL02.2112.C1	8.692705397	-0.495771571	0.173471339	0.042382448	0.115579148	0.234899352	0.511904021	0.003538986	0.026377977
YGL02_GNYA1SO04ICWFP	8.225314739	-0.49609321	-0.077180317	-0.125682719	0.116188289	0.356145651	0.469997364	0.00154876	0.014651257
YGL02.10946.C1	10.95775385	-0.496152372	0.001229368	-0.072113898	-0.176834416	0.074570504	0.429634817	4.54E-05	0.001223778
YGL02.82.C12	9.191237053	-0.4961881	0.120405897	-0.194588278	-0.177489904	-0.167272057	0.345730576	2.24E-05	0.00075042
YGL02.2579.C1	10.06966513	-0.496284744	-0.099516817	-0.57320256	-0.48917365	-0.057443098	0.131326307	0.000170295	0.003064591
YGL02_GNYA1SO04IM0QA	9.262287845	-0.496302669	-0.055571736	-0.13124185	0.106532783	0.129319761	-0.026450406	0.007162955	0.043894898
YGL02.9863.C3	10.8411213	-0.496747277	-0.534909576	-0.673696065	-0.023958263	0.162284242	0.313666024	0.000406167	0.005652029
YGL02_GNYA1SO04IN1MX	11.41337435	-0.496979694	-0.038515935	-0.288421479	-0.306599291	0.081517486	0.430063847	0.001931273	0.017133361
YGL02.4077.C3	11.71428512	-0.497271835	0.059053644	-0.543454761	-0.203219682	-0.239638967	-0.236598811	0.000136306	0.002627085
YGL02.9863.C1	10.09449949	-0.497371054	-0.840605233	-0.791013579	0.049566425	0.142834544	0.558006529	0.006253345	0.039793647
YGL02_GNYA1SO04JZD7S	11.33150512	-0.497393706	-0.051021733	-0.167955675	-0.254665636	0.176918857	0.734387962	0.000325195	0.004841902
YGL02.1760.C1	9.394948581	-0.497460721	-0.061341851	-0.126939557	-0.131991765	0.089120821	0.563640447	0.002301611	0.019402007
YGL02.12805.C1	7.548397078	-0.497533099	-0.118853384	-0.458100664	0.00785837	0.194189436	0.261986145	0.00235363	0.019700729
YGL02.21938.C1	9.970039191	-0.497611278	0.063891219	-0.513909689	-0.272937315	0.155645017	0.153410354	0.00070521	0.008357564
YGL02.10278.C1	7.357801927	-0.497614676	-0.138384793	-0.013560049	0.107457105	0.219896293	0.296760483	0.00414937	0.029582382
YGL02_GNYA1SO04H3ISI	8.369110135	-0.497714425	0.161748463	-0.156587297	0.197158016	0.061003797	0.28407706	0.003748001	0.027468962
YGL02.1055.C5	15.45490554	-0.498158211	-0.086951055	0.011393521	-0.24310568	0.176248683	0.303485961	0.000126486	0.002490825
YGL02_GNYA1SO04JL16N	8.745390988	-0.498422071	0.123549226	0.176205849	-0.652628569	0.147426092	0.086054053	0.006626315	0.041477248
YGL02.22837.C1	8.032697757	-0.498587724	-0.323640566	-0.412305556	0.220297464	0.011770442	0.356721219	0.00290971	0.022937391
YGL02.3257.C1	10.38685719	-0.49883538	0.030268794	0.294673782	0.130693132	-0.219769876	-0.37423998	0.005571246	0.036659766
YGL02.19068.C1	7.810042949	-0.498862113	0.085907738	-0.193285305	-0.200593486	0.173059822	0.289141735	0.001348311	0.013238308
YGL02_GNYA1SO04I8RH9	9.020509185	-0.498972093	0.114627959	-0.088477445	-0.018830432	0.01740483	-0.016642067	0.001535177	0.014554661
YGL02.8890.C1	9.510599505	-0.499035305	-0.521165501	-1.037022249	-0.021820458	0.222624667	0.234076696	0.00049535	0.006480128
YGL02_GNYA1SO04I4ZVG	7.805684146	-0.499054575	-0.168189137	-0.542042132	-0.142909347	0.18223636	0.579693097	0.007190193	0.044001432
YGL02_GNYA1SO04H8RHR	11.43582538	-0.499582561	-0.110376924	-0.279574364	-0.294428396	0.024323608	0.241550005	0.000267355	0.004213999
YGL02_GNYA1SO04H9KV1	8.78182238	-0.499645637	0.085033592	0.224556167	-0.273046011	0.083683575	0.380987787	0.008536272	0.04972365
YGL02_GNYA1SO04JQHLR	8.154843502	-0.499731049	-0.055402458	-0.561768655	-0.064007939	0.239019511	0.893928239	0.00143927	0.013886109
YGL02.8692.C1	8.910569382	-0.499762692	-0.028952705	-0.105331726	-0.195486125	0.173570725	0.286348863	0.00764608	0.045997896
YGL02.626.C3	7.376737107	-0.499781268	0.445423892	0.221723417	0.017563333	0.141207342	0.224017523	0.003678068	0.027091445
YGL02_GNYA1SO04I80KA	9.808533655	-0.499841622	-0.041595854	-0.314061245	0.170373523	0.05984218	0.461854532	0.00098829	0.010626155
YGL02.3271.C1	10.48508743	-0.4999084	-0.031814535	-0.127868946	-0.030683514	0.205035891	0.570830407	0.00016346	0.002973834
YGL02_GNYA1SO04H4OTJ	7.524762043	-0.500043095	0.045982947	-0.059227458	0.030346202	0.068362182	0.240453951	0.002645233	0.021417527
YGL02.3111.C3	8.766009401	-0.500048737	0.383764028	0.519991626	-0.260619522	0.162458137	0.024113594	0.004476563	0.031235794
YGL02_GNYA1SO04I38MU	8.742053609	-0.500111682	-0.068429949	-0.338377762	0.189153414	0.223339852	0.169480903	0.002883702	0.022795333
YGL02.15240.C1	9.636585408	-0.500181894	-0.165703145	-0.353582544	-0.125670085	0.109754756	0.456950182	1.41E-05	0.0005456
YGL02.479.C25	8.875909688	-0.500354722	-0.215349247	-0.780567863	-0.083159802	0.064436955	0.465640862	0.007454889	0.045181442
YGL02_GNYA1SO04I4FK6	15.3260927	-0.500470588	-0.093766998	-0.222660377	0.164950255	0.264145005	0.494733868	0.000120644	0.002416019

YGL02_GNYA1SO04ILB3D	8.878732998	-0.500903055	-0.201980033	-0.631597139	0.209356192	0.103978019	-0.014566578	0.007188447	0.043999061
YGL02.18911.C1	11.02496998	-0.501228899	-0.340533896	-0.393285824	0.122028189	-0.099233657	0.232907597	0.005299693	0.035363461
YGL02_GNYA1SO04H6J6W	11.5320494	-0.501233759	0.103127048	-0.355669449	0.085224413	0.026461393	0.403928862	0.002371726	0.019817247
YGL02.5115.C2	7.605628601	-0.50129025	-0.139300784	-0.499209856	0.445195425	0.142232383	0.358729797	0.003858587	0.028035607
YGL02_GNYA1SO04H8DF4	8.688829282	-0.501709363	0.400639991	0.568444745	-0.07483225	0.037447882	0.22754256	0.002032369	0.017749063
YGL02.798.C1	7.554997001	-0.501918729	0.056400211	-0.158702661	-0.333505655	-0.027670568	0.228979215	0.00091806	0.01009455
YGL02.3768.C2	9.44513251	-0.502030852	-0.113546603	-0.376261115	-0.034346069	0.193675093	0.153058689	0.003239477	0.024757348
YGL02.5911.C1	7.899877079	-0.502084209	-0.043477616	-0.110934592	-0.253377466	0.163435479	0.39595953	0.003110464	0.024055839
YGL02.15075.C1	9.356565621	-0.502100544	0.059034446	-0.052592048	-0.133270458	0.052267118	0.480265832	0.00063999	0.007795082
YGL02_GNYA1SO04IUECC	9.646304013	-0.502374039	-0.195593335	-0.388976348	0.029943217	-0.090394297	-0.245350443	0.004662652	0.032185678
YGL02_GNYA1SO04JJXPI	10.32077794	-0.50243258	-0.075887431	-0.901111469	0.153693471	-0.12828868	0.203981345	0.001304643	0.012938305
YGL02.849.C26	11.67155516	-0.502433604	-0.206787588	-0.3255254	0.454816457	0.017905366	-0.112234728	0.003812214	0.027796927
YGL02.14003.C1	11.19742038	-0.50243617	-0.439626322	-0.345042969	0.05769243	0.136689034	0.313979533	0.005678492	0.037182198
YGL02.2027.C1	9.2749875	-0.502481422	-0.247699014	-0.278172742	-0.123034007	0.147669802	0.472767227	0.003044141	0.023684789
YGL02_GNYA1SO04H4DA2	9.570281486	-0.502494069	0.016787237	0.027583572	-0.161381138	0.074352367	0.414840808	0.000287142	0.004435312
YGL02.6552.C1	13.59900795	-0.502495607	-0.112842213	-0.364992215	-0.02384337	0.145502537	0.373629801	0.001039211	0.011016336
YGL02.16799.C1	7.682897401	-0.502759414	-0.04139483	-0.199889722	-0.140254498	-0.009437945	0.533549277	0.006232246	0.039697998
YGL02.11713.C1	7.067054374	-0.502888255	-0.05425131	-0.628417132	0.027832986	0.323734515	0.685181458	0.001713482	0.015738154
YGL02_GNYA1SO04ITHA7	12.47163557	-0.502888361	-0.256750491	-0.423936945	-0.138553824	0.127227738	0.259929614	0.000583807	0.007292532
YGL02.11715.C1	9.908026354	-0.503028277	-0.404858351	-0.492715533	-0.036591486	0.170635119	0.244215585	0.000131124	0.002558427
YGL02.23251.C1	9.262772617	-0.50318357	-0.736355754	-1.54688164	0.094240478	-0.36675848	0.010549566	0.000407069	0.005660788
YGL02.1384.C1	9.932337296	-0.503261951	0.073271828	-0.260145139	0.066411215	0.072095511	0.20121643	8.04E-05	0.001819995
YGL02_GNYA1SO04J0OCV	9.36588224	-0.503363344	-0.158724475	-0.601527616	0.339024274	0.188644711	0.202690472	0.002797847	0.022321036
YGL02.15855.C1	9.391007057	-0.503448478	0.090811606	0.052026006	-0.234712687	-0.177834431	0.345614151	3.32E-05	0.000988364
YGL02.3577.C4	8.504999548	-0.503531767	0.092922628	0.112066808	-0.125498942	0.186343187	0.318548812	0.000203144	0.003467535
YGL02.11240.C1	9.474905894	-0.503568947	0.090485411	0.080980705	0.009632176	-0.000628479	0.098192016	0.000622051	0.007636201
YGL02_GNYA1SO04I6A6P	11.30964988	-0.503617022	0.101287008	-0.122397754	-0.394681071	-0.101119831	0.125838157	0.000103757	0.002176565
YGL02.5241.C1	15.27709153	-0.503695321	-0.371336364	-0.479139136	0.274557582	-0.04236095	0.256799569	0.000391721	0.005512611
YGL02.17486.C1	9.013711519	-0.5036994	-0.125792605	-0.035214567	-0.198240429	0.17710827	0.355547798	0.006344732	0.040199079
YGL02.5077.C2	9.295955488	-0.503761991	-0.203640554	-0.966716441	0.091903763	-0.021199379	0.174466648	0.000318577	0.004774341
YGL02_GNYA1SO04JAHMV	10.85566585	-0.503934964	-0.17122829	-0.298868032	0.320182368	0.171020515	0.662508661	0.00755	0.045593571
YGL02_GNYA1SO04II5FP	11.32781127	-0.504121848	-0.013120256	-0.399413026	-0.240732078	0.103021008	0.383079311	0.004121146	0.029439349
YGL02.23409.C1	7.959161616	-0.504146252	-0.237422979	-0.698965011	0.062350958	0.234846842	0.492812579	0.005751471	0.037522383
YGL02_GNYA1SO04JT3NS	9.698853819	-0.504197548	-0.196561524	-0.347283142	0.106542616	0.300638923	0.359597204	0.000259489	0.004123102
YGL02.3589.C1	7.421499846	-0.504618225	0.321733125	0.027455565	0.419849918	0.071793357	0.311337692	0.007281676	0.044401803
YGL02_GNYA1SO04IQUMI	11.4253806	-0.504675306	-0.100773308	-0.54317776	-0.115344938	0.176395082	0.399512251	0.000215772	0.003619892
YGL02.13287.C1	9.588402638	-0.504934755	-0.228927163	-0.541007006	0.123738265	0.231809058	0.471163276	0.001899466	0.016917415
YGL02_GNYA1SO04ITSWT	7.477044501	-0.505109793	-0.084273945	-0.04401971	-0.195763267	0.346245613	0.439118907	0.001513583	0.014401596
YGL02.5823.C1	8.411966407	-0.505189366	0.181604326	-0.197342458	0.199760704	0.156306406	0.464581557	0.00076368	0.008861551
YGL02_GNYA1SO04H834P	7.576654271	-0.505401027	-0.386093097	-0.716132685	0.129634663	0.0106071	0.387102535	0.008197531	0.048327522
YGL02_GNYA1SO04H07EG	7.767614125	-0.505518661	-0.273830338	-0.369990193	0.151959227	0.243353618	0.44083943	0.003731337	0.027379869
YGL02_GNYA1SO04JGVY0	10.99386368	-0.505519137	-0.224329151	-0.333726683	-0.398142706	-0.06800676	-0.036357643	0.001344217	0.013210383
YGL02_GNYA1SO04JI60C	10.57002412	-0.505552224	-0.140048738	-0.187274397	-0.436255052	0.339643307	0.418278091	5.28E-05	0.001351005
YGL02.3572.C1	8.470374049	-0.505628708	-0.117500452	-0.309880767	-0.095899541	0.240631685	0.454493201	0.001882211	0.016806335
YGL02_GNYA1SO04IDQAF	8.088772474	-0.505785588	-0.473785796	-0.455737412	-0.101684485	0.349195932	0.685954249	0.000688091	0.008208773
YGL02.7091.C1	8.90123494	-0.505894495	0.373941834	0.194031435	-0.070812468	-0.000650823	0.483696699	0.008259981	0.048556424
YGL02.300.C1	7.777947547	-0.505925277	-0.298316037	-0.428052873	-0.017091985	0.253479971	0.531289132	0.002914646	0.022961452
YGL02.9331.C2	11.04291624	-0.505988232	-0.142288348	-0.289823422	-0.178869123	0.232989055	0.408634234	2.21E-05	0.000743093
YGL02_GNYA1SO04ID8EE	7.820947313	-0.50612692	0.672942033	-0.108064461	-0.188781144	-0.15552233	0.236076072	0.002841094	0.022565966
YGL02_GNYA1SO04I89MJ	10.56792765	-0.506277218	0.2568128	0.086403009	-0.058564303	0.176758256	0.179923325	0.000557866	0.007064589
YGL02.23.C1	11.36593968	-0.506473935	-0.033806436	-0.276642343	-0.021376393	0.011950032	0.529974327	1.94E-05	0.000679265
YGL02.9124.C3	3.354532225	-0.506514327	-0.090742628	-0.245597958	0.034450928	0.264191742	0.354127091	0.007247967	0.044256694
YGL02.1855.C1	9.277653636	-0.506572841	0.002779576	0.554766468	0.137862183	-0.239937064	-0.171168501	0.008021107	0.047606024
YGL02_GNYA1SO04IJCXW	8.76498351	-0.507065863	-0.16239054	-0.788999696	-0.050221578	0.047822827	0.501415589	0.000732916	0.008604195
YGL02.13034.C1	9.726224386	-0.507073859	-0.082294584	-0.177145419	-0.078689676	-0.009841268	0.369389781	5.66E-05	0.001418363
YGL02.4329.C1	11.06176063	-0.507752093	-0.109832663	-0.184509061	-0.194475539	-0.014696226	0.477359296	0.000416563	0.005750964
YGL02.13163.C1	9.587228242	-0.507812796	-0.179061768	-0.189924403	-0.411381355	-0.010058877	0.485844807	0.000322803	0.004817038
YGL02.6394.C1	10.40271525	-0.508138244	0.006614901	-0.226927372	-0.25485359	-0.018372415	0.383690214	0.001087837	0.011360684
YGL02.1496.C1	8.405062782	-0.508228157	-0.128203432	-0.394037665	0.830466837	-0.310109488	-0.249707739	0.006823679	0.042328585
YGL02.7922.C1	7.906233219	-0.508323412	-0.004053258	-0.267958694	0.041076793	0.185225742	0.495612225	0.000330029	0.004894419
YGL02.12782.C1	9.376024918	-0.508463939	-0.222114321	-0.298854942	0.150418726	0.153854533	0.380014871	3.91E-05	0.001103531
YGL02.1548.C1	10.13601582	-0.50846523	0.057198565	0.045538297	0.198485597	0.033236186	0.29319446	0.000913108	0.010056599
YGL02.9778.C1	8.002523058	-0.508505995	0.00628509	-0.238078478	-0.251601585	0.142371511	0.600953589	0.001126326	0.011658623
YGL02_GNYA1SO04JDH69	8.136589461	-0.508676595	-0.150018659	-0.574000322	-0.189354573	0.222460055	0.548613179	0.001080261	0.011311674
YGL02_GNYA1SO04H2BYP	8.531428412	-0.509122529	0.173933916	-0.352160559	-0.018029776	0.144320565	0.363662457	0.001629362	0.015175406
YGL02_GNYA1SO04I0H3K	8.618894673	-0.509137125	-0.109227154	-0.166726889	-0.053171037	-0.046313445	0.16663277	0.002051977	0.017848943
YGL02.14423.C1	6.918957741	-0.509353706	-0.061516666	0.030926172	-0.260133376	0.212776308	0.206223561	0.003428467	0.02575882
YGL02.15199.C1	8.096409507	-0.50951794	-0.00714092	-0.104552581	-0.053975813	0.320336753	0.318554082	0.000877122	0.009769109
YGL02.2055.C2	9.585700311	-0.509904316	-0.146434701	-0.479379344	0.14212311	0.032093472	0.159989257	0.000173507	0.003105996
YGL02.2737.C1	7.210948604	-0.509910797	-0.319093519	-0.791254705	0.164651851	0.3864899	0.542307168	0.003247772	0.024805627
YGL02.4894.C1	8.866516305	-0.510011519	0.084497949	-0.176326897	0.295698103	-0.182618858	0.27245323	0.004808559	0.03295221
YGL02.4283.C1	8.458449216	-0.51005169	-0.208215843	-0.603839795	0.050032895	0.140185054	0.542132303	0.000128433	0.002518825
YGL02.13495.C1	8.459902222	-0.510092817	0.357110152	-0.478556675	-0.086495252	0.075651018	0.538816214	0.00262956	0.021326739
YGL02_GNYA1SO04JV80R	7.467494191	-0.5102242	-0.094752801	-0.609943938	-0.147155487	0.203386831	0.553854017	0.002296744	0.019369804
YGL02.6278.C1	8.548887938	-0.510227915	-0.140552137	-0.293099968	0.354793155	0.292648154	0.375753475	0.003800087	0.027728794
YGL02_GNYA1SO04IUWG0	10.49683284	-0.510493995	0.136766571	-0.296512	-0.461245141	0.090014796	0.367405477	0.002291846	0.019338568
YGL02_GNYA1SO04JFZ26	9.980802714	-0.510515029	0.077008741	-0.377032522	-0.052936217	0.118553309	0.349564009	0.000409798	0.00568788
YGL02.3454.C1	10.39290999	-0.51056605	0.199006894	-0.407120458	0.25215559	-0.064821621	0.701791425	0.001111683	0.011541048
YGL02_GNYA1SO04ID582	8.689512101	-0.510618804	-0.082024961	-0.166927681	0.158439286	0.036582334	0.220190185	0.0019152	0.017025759
YGL02_GNYA1SO04H7DVT	7.35994935	-0.510639102	-0.038116101	0.082162727	-0.327055485	0.081681142	0.372619922	0.003211957	0.024610458
YGL02.4982.C1	7.348497201	-0.510868747	-0.009965343	0.009092144	0.059976746	0.279056544	0.162316211	0.005839959	0.037917367
YGL02.925.C1	7.221502202	-0.510968518	0.445852401	0.551249579	-0.220396496	0.174073761	0.12254674	0.000783545	0.009016915
YGL02.14325.C1	10.03916649	-0.511045751	-0.272569468	-0.402712553	0.064239431	0.187268248	0.169781301	0.002660079	0.021505154
YGL02.15597.C1	8.120367984	-0.511120688	-0.079109213	-0.193848172	0.128801595	0.253425662	0.235444167	0.000144215	0.002734254
YGL02_GNYA1SO04IKYM1	10.15361112	-0.511135048	-0.268181396	-0.037145751	-0.463228835	0.019766403	0.251301111	0.000993545	0.010661408
YGL02.1298.C2	9.888941872	-0.511286281	0.023418943	0.038707029	0.08994071	-0.009304093	0.31890567	0.007547022	0.045579838
YGL02_GNYA1SO04IE83U	7.34170407	-0.511503218	0.05273035	-0.147920938	-0.675830126	0.254012692	0.526944054	0.001457421	0.014014471
YGL02_GNYA1SO04JXPLB	12.67087461	-0.511890258	0.01512802	-0.232973546	-0.264537307	0.092761001	0.33978567	0.007967676	0.047362712
YGL02_GNYA1SO04J08CH	9.35750084	-0.511931813	-0.242271253	-0.623282889	-0.177985991	0.254746527	0.526221212	0.00012502	0.002475138
YGL02.11580.C1	10.3219075	-0.512324387	-0.287641179	-0.655999334	0.129317012	0.380814374	0.710061502	5.21E-05	0.001336616

YGL02_GNYA1SO04H45O7	9.554438901	-0.512473669	0.155446015	0.116676468	0.032135158	-0.017433666	-8.06E-06	0.000228315	0.003764963
YGL02.22725.C1	7.237800344	-0.512529299	0.317786446	-0.121952283	-0.371658637	-0.250212985	0.524398434	0.003717051	0.027299792
YGL02_GNYA1SO04JBPWD	10.21021564	-0.512590738	0.076500813	-0.068181079	-0.173514088	0.190525753	0.423362406	0.001547271	0.014639306
YGL02.22259.C1	5.837122319	-0.512666366	0.054155514	-0.164526779	0.641476179	0.058150316	0.070144998	0.003875953	0.028131793
YGL02_GNYA1SO04I5RUM	7.388800653	-0.512676785	0.066514122	-0.483353136	0.167129855	0.245039295	0.427929953	0.002538727	0.020807574
YGL02.13675.C1	10.79249746	-0.512698433	-0.25339978	-0.578257775	-0.082212499	0.158378185	0.334765361	0.000124041	0.002463764
YGL02.14751.C1	6.634276345	-0.512770127	0.092928422	-0.053918174	0.325544723	-0.058126616	0.050165886	0.004790125	0.032860662
YGL02.9915.C1	8.650833058	-0.512822499	-0.12029117	-0.183894904	-0.016806834	0.172588872	0.320883623	9.41E-05	0.002037113
YGL02_GNYA1SO04JB9E8	9.231778115	-0.512849517	-0.109902944	-0.379411414	-0.207214319	0.213666161	0.447533706	0.000353458	0.005127377
YGL02.479.C31	7.653129953	-0.512996137	-0.229015837	-0.448145657	0.06081181	0.071255377	0.056382151	0.002690969	0.021695595
YGL02_GNYA1SO04I5PVO	9.145433467	-0.513066538	-0.610023176	-0.406745747	-0.110278184	0.264578321	0.320770896	0.002182679	0.018666762
YGL02_GNYA1SO04JEJ8U	11.9085818	-0.513107476	-0.03226689	-0.42130603	0.054283067	0.298106229	0.76157743	0.001137496	0.011733328
YGL02_GNYA1SO04JRFJE	14.34093223	-0.513287023	-0.021470911	-0.209220096	-0.227966913	0.064404969	0.21082496	0.000139301	0.002667487
YGL02.20255.C1	7.13753134	-0.51334846	-0.076025907	-0.565260792	0.391230529	0.12594169	0.456216841	0.000969788	0.010487303
YGL02.1184.C2	10.75714214	-0.513375205	-0.357810004	-0.550577444	0.17599657	0.040430599	-0.240377469	0.00323973	0.024757348
YGL02.12528.C2	8.917128945	-0.51351361	-0.097632744	-0.098570896	-0.202923785	0.37118	0.451054437	0.000234438	0.003835788
YGL02.6118.C1	11.53665378	-0.513608336	0.00078867	-0.194149884	0.181437038	0.258063424	0.522397523	5.55E-05	0.001399973
YGL02_GNYA1SO04IZZ0W	8.679616035	-0.513928723	-0.099967568	-0.5092998	0.07264314	0.042836057	0.333904012	0.000239479	0.003895497
YGL02_GNYA1SO04JD0W5	8.004716961	-0.514156931	0.338386495	-0.033507981	0.620035831	0.290629625	0.526402849	0.000352586	0.005119763
YGL02.5339.C2	8.816477163	-0.514224848	-0.002699036	-0.559895715	-0.042099889	0.214581494	0.392962035	0.005890934	0.038162236
YGL02.7480.C1	9.255287602	-0.514371301	-0.096019785	-0.33222697	0.158856057	0.095115184	0.043201871	0.000360012	0.005195066
YGL02.3714.C2	7.915250939	-0.514386969	0.292076523	-0.29449069	0.22901397	0.03688643	0.471221166	0.000187276	0.003273469
YGL02_GNYA1SO04JD9IT	10.02967259	-0.514664326	-0.167342648	-0.109132864	-0.170723807	0.236680594	0.362933537	0.002354772	0.019707742
YGL02.21627.C1	11.7855521	-0.514911572	-0.080507614	-0.23103404	-0.133905759	0.047462414	0.347774273	0.000135887	0.002622673
YGL02.15937.C1	9.393560724	-0.514920439	-0.143719673	-0.185482192	0.228487168	0.2408042	0.372769818	0.001217583	0.012317618
YGL02.15857.C1	10.06553718	-0.514923435	0.105005165	-0.236278758	-0.127929014	0.099742929	0.526496194	0.00019903	0.003419663
YGL02_GNYA1SO04JRU1Y	8.859682073	-0.514940112	-0.130497479	-0.041935434	-0.482587835	0.204593636	0.151863614	0.004627236	0.032003569
YGL02.18842.C1	7.30918013	-0.514957652	-0.2486256	-0.15158194	0.050506649	0.203656588	0.359980739	0.001149567	0.011828778
YGL02.18331.C1	8.883996324	-0.515076423	-0.6739226	-0.447063198	-0.195600146	0.454987715	0.379320207	0.001183479	0.012073426
YGL02.3056.C1	9.138731572	-0.5150901	-0.31664271	-0.317605373	-0.175008317	0.471335743	0.535317162	3.68E-05	0.001061843
YGL02.15764.C1	7.742755309	-0.515235048	0.144813447	-0.320531937	0.030376153	-0.079347053	0.121505744	0.004848667	0.033142878
YGL02_GNYA1SO04ICPXJ	8.665227946	-0.515438063	-0.046019511	-0.455711171	-0.465828275	0.021860655	0.479809615	0.000992295	0.010652464
YGL02.4064.C3	9.60047303	-0.515504144	0.150178821	-0.07163426	-0.287292351	0.052440979	0.351541959	0.000516869	0.006682481
YGL02_GNYA1SO04IQIWM	7.552471924	-0.515587741	0.070565521	0.025991582	0.089790152	-0.029692602	0.399677699	0.002792766	0.022291435
YGL02.5748.C1	10.16529188	-0.515593052	0.140803539	-0.150944259	0.24287227	0.062200292	0.217312812	0.008566168	0.049829309
YGL02.23602.C1	6.928652116	-0.515857028	0.225900532	-0.241511294	0.20760982	-0.213014609	0.004347938	0.005205281	0.03489924
YGL02.14802.C1	13.35323216	-0.515887121	-0.277546544	-0.055828008	-0.216537231	-0.086456133	0.178615222	0.005958604	0.03845857
YGL02_GNYA1SO04JGPLD	8.124579177	-0.515926212	-0.328691634	-0.33794528	-0.125185276	0.364596949	0.34673415	6.27E-05	0.001519933
YGL02.4601.C3	7.501167011	-0.516313121	-0.783045207	-1.034514501	0.329569651	0.167809112	0.404065866	0.004847573	0.033142393
YGL02_GNYA1SO04INA1F	7.572496037	-0.516315474	0.104466141	-0.267584556	0.099239641	0.071958234	-0.112906867	0.007295722	0.044470705
YGL02_GNYA1SO04H2RP2	7.72147604	-0.516432755	0.098618561	-0.083955876	-0.068584949	-0.060462735	0.570709966	0.00423572	0.030016227
YGL02.6076.C1	6.767175973	-0.516478734	-0.032479985	-0.194234765	-0.131763681	0.423967703	0.541568171	0.002835497	0.022531184
YGL02.3301.C3	11.53207869	-0.516753665	-0.147772647	-0.654107273	-0.378323925	-0.041271821	0.418451032	0.004452662	0.031117645
YGL02.984.C3	9.561180376	-0.5168685	-0.054086356	-0.099235907	-0.571113898	0.021003195	0.337164744	0.003584031	0.026615676
YGL02_GNYA1SO04JW6TS	7.189541258	-0.517104566	-0.09725753	-0.290469378	-0.327618401	0.355004554	0.765134397	0.007169367	0.043919262
YGL02_GNYA1SO04IJ559	7.097720493	-0.517143458	-0.112187871	0.168913933	-0.230401623	0.204133353	0.183977762	0.008462502	0.049417188
YGL02_GNYA1SO04IWLZ7	10.0631603	-0.517453588	-0.061021124	-0.420892686	0.843449685	0.013234829	-0.002953138	0.002045935	0.017825115
YGL02_GNYA1SO04JSCEE	10.17411216	-0.517664441	0.232193274	-0.357769252	0.62022905	0.162259433	0.280399141	0.001630957	0.015182617
YGL02_GNYA1SO04I7PRN	8.267761878	-0.517764129	0.056178697	-0.132123967	-0.158497419	-0.038552983	0.343833839	0.003890831	0.02820184
YGL02_GNYA1SO04JCKJ1	9.19333148	-0.517822159	-0.178858201	-0.764973428	-0.021445227	0.148744586	0.55426361	0.000723206	0.008517648
YGL02_GNYA1SO04I9QL5	9.476873486	-0.518128344	0.003691311	-0.249450499	-0.142792852	0.142451283	0.473785386	0.001155823	0.011870609
YGL02_GNYA1SO04JOXR2	7.328003522	-0.518315896	-0.281788419	-1.152483664	-0.215219754	0.054999658	0.605948852	0.002703079	0.021776955
YGL02.16610.C1	6.204941787	-0.518317992	2.390553314	2.092821335	-0.006569957	-0.068598431	0.202253946	0.000448048	0.006045604
YGL02_GNYA1SO04JR0SY	9.597732226	-0.518368351	-0.882220623	-0.338707443	0.20955784	0.16845355	-0.079504056	0.007316874	0.044564651
YGL02.5458.C1	10.93001467	-0.518390662	0.41791906	0.165059448	-0.209932801	0.087911722	0.540957966	0.002029935	0.01773133
YGL02_GNYA1SO04JOT2L	8.092005691	-0.518424249	0.030603611	-0.197106969	0.131585698	0.069728619	0.320719119	0.000836573	0.009450792
YGL02.107.C1	11.85771788	-0.518644924	-0.252492768	0.004498355	-0.185328648	0.138365017	0.199077897	9.34E-05	0.002026878
YGL02.6685.C1	10.6564473	-0.518656098	-0.133304707	-0.319982555	0.239969697	0.434377776	0.808715911	0.005309834	0.035407411
YGL02_GNYA1SO04H3040	10.43974319	-0.518678944	-0.263108971	-0.240966538	-0.151012766	0.086721214	0.113474153	0.002274224	0.019233745
YGL02_GNYA1SO04JP3ZV	8.784266434	-0.518745049	-0.005466436	0.022361636	-0.228997508	0.138911998	0.314738557	0.000314581	0.004736923
YGL02.5676.C1	11.93681157	-0.51881564	-0.137254323	-0.301381961	0.083988452	0.145621368	0.179856335	0.000341961	0.005015508
YGL02_GNYA1SO04JNDAV	7.082593047	-0.518840254	-0.162806026	-0.025778543	0.044672949	0.129948814	0.442747117	0.000773243	0.008933296
YGL02.11932.C1	7.953332954	-0.518905152	-0.162553742	-0.336095086	0.024225963	0.189906005	0.264735543	0.00088213	0.009808006
YGL02_GNYA1SO04JEJ6Q	7.573883667	-0.519092926	0.157525263	-0.113632044	0.392464127	0.300586529	0.513875408	0.00571204	0.037362194
YGL02_GNYA1SO04I8USN	8.373677039	-0.519226223	-0.175067451	-0.176905802	0.323175122	0.120111164	0.223199111	0.000832257	0.009417635
YGL02_GNYA1SO04IAITP	13.52874903	-0.519240241	-0.130420961	-0.228971567	0.838947592	-0.034126778	-0.052279066	0.003622681	0.026811987
YGL02.3103.C1	9.91023919	-0.519335952	0.148247788	-0.146041038	-0.138029184	0.101827379	0.604325073	5.76E-05	0.001436533
YGL02.8734.C1	9.02604557	-0.519420277	-0.411859943	-0.332512293	0.105929434	0.111496987	0.104084721	0.000206642	0.003504869
YGL02.23227.C1	9.359843781	-0.519709599	-0.280912388	-0.163713993	-0.126521908	-0.008796527	-0.226762233	0.006552884	0.041133504
YGL02_GNYA1SO04IUV15	8.549744804	-0.519763233	0.248179115	-0.036112299	-0.025905277	0.210846103	-0.041567091	0.008557503	0.049790087
YGL02.8029.C1	9.701594709	-0.519831706	-0.147994388	-0.474909575	0.103554297	0.27285451	0.437391154	0.001602779	0.014993599
YGL02_GNYA1SO04JLMSZ	7.868312013	-0.519917778	0.011799079	0.016357542	0.184088409	0.1698665	0.196118465	0.000269303	0.004238249
YGL02.1214.C1	10.98877076	-0.520126375	0.049829372	-0.18827974	-0.778482274	0.015614332	0.231385068	0.005759104	0.037556218
YGL02_GNYA1SO04JJ6O5	7.598901943	-0.520130506	-0.368133027	-0.284366568	0.087785755	0.431796545	0.415121535	0.003144776	0.024247793
YGL02_GNYA1SO04IYMBF	8.465306002	-0.520198704	0.086160954	0.008995055	0.36963724	0.007835379	0.154193157	0.004228845	0.029983915
YGL02.7749.C1	8.713995508	-0.520255902	0.009129426	-0.438905511	0.325987478	0.127121999	0.299055076	9.58E-05	0.002061935
YGL02.13401.C1	9.062880271	-0.520445609	-0.21353139	-1.698052384	-0.140176517	-0.072114209	0.424583664	0.008327709	0.04885034
YGL02_GNYA1SO04JOWL2	8.356385211	-0.520478375	-0.193142309	-0.415644322	0.353929909	0.013975604	0.299939699	0.001103962	0.011484625
YGL02.16949.C1	8.451314765	-0.520681053	0.206418422	-0.010871445	0.060524931	0.089224377	0.522578709	0.000484108	0.0063827
YGL02.4507.C2	11.12338767	-0.520918726	-0.300920264	-0.31774871	-0.28780527	0.230595607	0.431449049	0.001518784	0.014439406
YGL02.6057.C1	9.782425394	-0.520925449	-0.241663861	-0.596686509	-0.12104325	0.006424539	0.31300462	2.66E-05	0.000843906
YGL02.3678.C1	9.66352417	-0.521097907	0.150552989	-0.123819603	-0.005160013	0.051445	0.553990433	0.000779234	0.008983267
YGL02_GNYA1SO04JOIZ5	10.456466	-0.52111294	-0.06303311	-0.317909535	0.056681363	0.137660913	0.400469422	0.00283133	0.022509119
YGL02.8066.C1	9.094417006	-0.521225992	-0.367251796	0.209426279	0.528353599	0.116728339	-0.018947412	0.00565	0.037055592
YGL02.706.C1	10.15411206	-0.521269938	-0.130206555	-0.345822684	0.09452835	0.00248809	0.264838289	0.000123809	0.002461323
YGL02.2859.C1	9.484024924	-0.521271129	-0.043146097	-0.308874673	-0.086647336	0.213475589	0.566626341	0.001262552	0.012631157
YGL02_GNYA1SO04I1RAR	8.752152624	-0.521322789	-0.534403111	-0.55279129	-0.406866476	0.326574258	0.46026875	0.000653975	0.007918503
YGL02_GNYA1SO04JWL4V	8.992513446	-0.52148972	0.110384153	-0.128740218	-0.101901228	0.025992244	0.388331449	0.001515017	0.01441206
YGL02.12415.C1	7.710434877	-0.521510976	0.142056438	-0.236346462	-0.269782342	-0.321646936	0.471079539	0.004318719	0.030431206
YGL02.5201.C1	7.846893253	-0.521657167	0.37806036	0.122927444	-0.205054721	0.233261025	0.476092269	0.001866671	0.016715986

YGL02_GNYA1SO04JY3JF	8.78696732	-0.521668912	-0.240174543	-0.387019489	-0.14537524	0.26743316	0.692275213	0.000466574	0.006220289
YGL02_GNYA1SO04IN7TI	10.30571619	-0.52182916	0.004873785	-0.083341522	-0.243349523	0.054448191	0.566970207	0.006314203	0.040054646
YGL02_GNYA1SO04IAZ4A	8.446769527	-0.521857003	0.194415205	-0.037342132	0.058965765	0.049728463	0.584919555	0.003848249	0.027990333
YGL02.22709.C1	5.920623409	-0.521872911	-0.020760324	0.218164013	-0.113494971	0.111681217	-0.077811357	0.002021513	0.017692719
YGL02.15341.C1	7.635224371	-0.521895264	-0.127389791	-0.350301293	-0.276656244	0.196179948	0.562093376	0.001180928	0.012055781
YGL02.5.C2	6.141217022	-0.522027703	0.609272415	0.290358844	0.006306061	0.111506613	0.667042741	0.002564448	0.020944151
YGL02.375.C2	12.06386221	-0.52233651	0.020264599	-0.382437899	-0.100174153	0.029732217	0.278851211	4.99E-05	0.001301097
YGL02.17068.C1	7.345722086	-0.52247651	-0.083060713	-0.369375935	0.606190154	0.270013937	0.358392045	0.005619956	0.036899664
YGL02_GNYA1SO04IRMTX	12.34704466	-0.522555574	0.011182442	-0.03504757	-0.339936548	0.08329006	0.180599458	0.001093229	0.011399526
YGL02.7412.C1	9.002103639	-0.522628087	-0.062925329	-0.524126105	0.32991218	-0.099398587	0.4732221	0.004462182	0.031167356
YGL02_GNYA1SO04I5ZYJ	15.6579949	-0.523045274	0.048768439	-0.210556794	0.138516137	0.00127087	0.358052454	0.000278822	0.00434835
YGL02.15022.C1	9.132267123	-0.523257779	0.13398998	-0.09218657	0.04063948	0.056200065	0.156417208	0.000135609	0.002620664
YGL02.7717.C1	8.647527888	-0.523303194	0.172124538	-0.331195784	0.100553742	0.08367994	0.265509579	0.002422662	0.020117312
YGL02.13085.C3	13.83061984	-0.523504127	0.151892633	0.042060652	-0.399431151	0.129157087	0.449315364	0.00129056	0.012830085
YGL02.9756.C1	8.581973274	-0.523551426	-0.664871413	-1.741493174	-0.010573813	-0.247470736	0.305514866	0.004372839	0.030715322
YGL02.16937.C1	9.131857144	-0.523746413	-0.239919067	-0.070614214	-0.359262084	0.202430286	0.309939572	0.007051181	0.043365908
YGL02.7908.C1	6.932424488	-0.523944196	-0.045276728	0.044338393	0.299744807	-0.005862151	0.422108866	0.007445739	0.045128101
YGL02.17628.C1	6.740761075	-0.524242025	0.117433654	-0.185377509	0.132576502	0.013039096	0.404134265	0.000213945	0.003597522
YGL02.1596.C1	9.984062881	-0.524251447	-0.096507629	-0.113855532	-0.145097397	0.161327317	0.197167269	0.000173021	0.003101145
YGL02.22181.C1	8.890024951	-0.524339064	-0.195857471	-0.291731417	-0.006764711	0.245457142	0.064418789	0.000129702	0.002537937
YGL02.991.C9	13.27301628	-0.524397888	-0.339262952	-0.187527902	-0.071414692	0.045979828	0.349355159	0.000192234	0.003335172
YGL02_GNYA1SO04JFYCU	10.85157005	-0.524439667	-0.195509898	-0.208132631	-0.010285665	0.088369206	0.264564456	0.0001778	0.003153825
YGL02_GNYA1SO04IN4DG	9.028966835	-0.524573377	-0.045820648	0.132167903	-0.467933658	0.029809956	0.478763643	0.001150851	0.011838512
YGL02.1632.C3	7.36088243	-0.524635182	-0.006180698	-0.084681647	-0.076737876	0.343272939	0.342969383	0.00159677	0.014952507
YGL02_GNYA1SO04H41GG	8.756437776	-0.524935586	0.0248868	0.223579418	0.016329503	0.229585695	0.464345572	0.002963499	0.023212178
YGL02_GNYA1SO04IUKNA	10.96716114	-0.525004224	-0.291472932	-0.403100026	-0.367263928	0.021186814	0.007510836	0.001887775	0.016840573
YGL02.17206.C1	8.311338894	-0.525005848	-0.136927411	-0.263458052	-0.202153977	0.312131869	0.542728151	0.000732409	0.008602009
YGL02_GNYA1SO04JYGJC	6.588735834	-0.525005974	-0.226730269	-0.498941649	0.299144534	0.395383672	0.856201476	0.004373793	0.030717319
YGL02.19537.C1	9.440600884	-0.52501296	0.141945638	0.184615245	-0.068759366	-0.053265748	0.147075142	0.00010908	0.002255931
YGL02.6022.C1	10.52332757	-0.52503449	-0.139016836	-0.417586321	0.03815284	0.166806084	0.388293	0.00079442	0.009108879
YGL02_GNYA1SO04I6NQA	9.968048554	-0.52506425	0.006293603	-0.30689684	-0.371477903	0.257452066	0.576630543	0.00267757	0.021602363
YGL02_GNYA1SO04ITD7J	7.796002541	-0.525141173	0.162143065	0.028135974	0.12358604	0.230525072	0.247074826	0.002522058	0.020711584
YGL02_GNYA1SO04IAU1W	10.2202498	-0.52515989	-0.046408902	-0.355492133	-0.465387103	-0.067091024	0.214634752	0.007585036	0.045740068
YGL02_GNYA1SO04JWGYO	7.072438494	-0.52527577	0.210556039	-0.168898359	-0.073617443	-0.367112147	0.155473006	0.005088989	0.034323594
YGL02.2264.C1	9.293046882	-0.525360879	-0.292099393	-0.418389278	-0.039364737	-0.093798809	0.174645797	0.000989374	0.010633839
YGL02.4329.C2	11.07320479	-0.525393041	-0.159642636	-0.236333233	-0.248413825	0.098642145	0.522532579	0.000969329	0.010484837
YGL02.12271.C1	8.984129937	-0.525410986	-0.121950216	-0.394703082	0.025337713	0.391372684	0.241850302	0.000651154	0.007895411
YGL02.3103.C2	9.800466078	-0.525489017	0.167073273	-0.151684396	-0.488846876	0.146701411	0.58559257	0.001731642	0.015853681
YGL02.1291.C1	8.627839235	-0.525978761	-0.081041271	-0.386699642	0.082839151	0.078565112	0.416162283	0.000720324	0.008493161
YGL02_GNYA1SO04JD0ZC	7.7214676	-0.526080322	-0.170965046	-0.910543603	-0.056312761	0.043537867	0.351284894	0.001932435	0.017137794
YGL02.18475.C1	6.937686652	-0.526140157	-0.232077451	-0.515093668	0.100756846	0.38740515	0.369430769	0.001362018	0.013334723
YGL02_GNYA1SO04IZ1EF	10.57931199	-0.52623199	-0.14434991	-0.19626028	-0.058072475	0.188740288	0.333660996	0.000302082	0.004602905
YGL02_GNYA1SO04JY193	6.678838398	-0.526339263	-0.054201781	-0.35408746	-0.17331062	-0.04811793	0.19667952	0.003524576	0.026287213
YGL02.3558.C1	8.16140444	-0.526363843	0.627766538	-0.415000039	0.104312409	0.400683022	0.38484937	0.001508173	0.014357502
YGL02.730.C1	7.973060552	-0.526530745	-0.167417671	-0.352934241	-0.29060387	0.032039663	0.670171592	0.000229685	0.003781299
YGL02.13085.C1	14.4364291	-0.52664101	0.135452406	-0.037835345	-0.368199218	0.188249293	0.535103845	0.000681035	0.008154516
YGL02.20543.C1	9.162121685	-0.526676596	0.546538963	-0.288380499	-0.020373532	0.111538403	0.556597587	0.00259226	0.021110049
YGL02.8785.C1	7.234756478	-0.526695004	-0.046947354	0.050276908	-0.000222495	0.063054804	0.37412564	0.000135791	0.00262261
YGL02.5640.C2	8.564660573	-0.5267341	-0.154835451	0.071063947	-0.020139984	0.265995162	0.207015104	0.000245862	0.003965456
YGL02_GNYA1SO04H5E3N	10.35196374	-0.526745282	0.195845307	-0.226338186	0.227576273	0.110626418	0.491721194	0.000203977	0.003474691
YGL02_GNYA1SO04IJSG4	9.825134444	-0.526747221	-0.023696246	-0.341387449	-0.384751265	0.286391973	0.545744377	0.000279757	0.004358508
YGL02.8527.C1	8.0282103	-0.526823234	-0.026583054	-0.274065837	-0.42492838	0.171527322	0.265073443	8.83E-06	0.000401247
YGL02_GNYA1SO04JS2R2	9.701324116	-0.526946173	0.092015362	-0.420100512	-0.166934168	0.112670656	0.350465032	0.000188443	0.003291023
YGL02.4939.C1	8.72347355	-0.527307986	-0.043984373	-0.35218448	0.008479645	0.078080195	0.359710036	0.001027964	0.010923941
YGL02_GNYA1SO04IBT5L	11.44151311	-0.527446681	-0.202400561	-0.476604581	-0.212788478	0.124654977	0.631352041	0.000249817	0.004010754
YGL02_GNYA1SO04JD9L0	11.06795252	-0.527519043	0.209803882	0.117425121	0.030379551	0.148096358	0.397967096	0.000455187	0.006111149
YGL02_GNYA1SO04JNEBU	9.240818742	-0.527838049	-0.249719524	-0.368660069	-0.748390208	0.362182874	0.496136555	0.005861469	0.038020811
YGL02.4077.C1	11.40931409	-0.52786609	0.219878552	-0.371730898	-0.240621426	-0.151214296	-0.237112063	6.03E-05	0.00148126
YGL02_GNYA1SO04IEQP2	11.00327849	-0.52805134	-0.17019053	-0.451689254	-0.072322841	0.186931962	0.356744887	0.000259986	0.004129471
YGL02.7522.C2	8.101309844	-0.528071293	-0.068408468	-0.550270044	-0.443674185	0.195169841	0.466227543	0.000806606	0.009218397
YGL02_GNYA1SO04JYA5W	8.444937055	-0.528323486	0.050599588	-0.113846132	0.195919129	0.143595447	0.467325363	0.004994735	0.033869959
YGL02.891.C1	7.237521197	-0.528501784	-0.478673535	-0.199303766	-0.232688472	0.519461833	0.591443882	0.004502372	0.031365183
YGL02.14497.C1	9.764813922	-0.528524168	-0.34725751	-0.485758589	0.247057387	0.242378398	0.224511054	0.000124003	0.002463764
YGL02_GNYA1SO04H2CP2	10.41412333	-0.528569805	-0.743339533	-1.154472917	-0.334488672	0.443762304	0.634102439	0.000265626	0.004194873
YGL02.1164.C2	9.201663712	-0.528626318	-0.087688561	-0.55668373	0.128778047	0.050248306	0.588327967	7.75E-05	0.001771776
YGL02.10686.C1	7.825459285	-0.528857958	-0.161487359	-0.248843589	-0.074708577	0.129668016	0.268223166	0.00037639	0.005358586
YGL02_GNYA1SO04JM01D	6.844204694	-0.52908909	0.019777442	-0.42920095	0.356644516	0.085287357	0.669281134	0.000119148	0.002393644
YGL02.2217.C1	10.02869418	-0.529581426	-0.249181526	-0.412821315	0.129336637	0.054123467	-0.274481825	0.000646012	0.007850703
YGL02_GNYA1SO04JCX5B	8.605242333	-0.529847965	0.220938617	-0.318364067	1.055137919	0.044186176	0.368153197	0.007180954	0.043969829
YGL02_GNYA1SO04H0R8H	7.014027356	-0.529854623	0.632008745	1.135636747	0.307188244	0.060224958	0.147282198	0.005064044	0.034212367
YGL02.808.C1	6.722970808	-0.530013933	0.020043971	-0.508200482	-0.2032939	-0.030924274	0.288509428	0.001657591	0.0153489
YGL02.9326.C1	11.05744548	-0.530109577	-0.228957636	-0.203446706	-0.039537831	0.123665865	0.209657994	1.93E-05	0.000677088
YGL02_GNYA1SO04JZVOQ	9.986084902	-0.530201416	0.131097094	-0.08120353	0.037907422	0.201339132	0.1734779	0.000447601	0.006042883
YGL02_GNYA1SO04JF2PA	11.40575373	-0.5302102	0.119500178	-0.14106347	0.543816368	-0.002666335	0.130016245	0.004926981	0.033541863
YGL02.7294.C1	9.974535904	-0.530247736	-0.175218381	-0.313374081	-0.304591286	0.192209743	0.102162087	3.60E-05	0.001046498
YGL02.1677.C2	9.292664885	-0.530274945	-0.194566439	-0.525402522	-0.044897134	0.253017781	0.446318657	0.000351632	0.005113485
YGL02.5938.C2	10.10737783	-0.530357008	-0.343076318	-0.501006686	0.255032466	0.028088333	0.288707846	0.002096425	0.018127837
YGL02.6781.C1	7.605342608	-0.530502509	-0.170531845	-0.782629657	-0.252253149	0.090582684	0.521989237	0.006354772	0.040249213
YGL02.5854.C1	9.764986015	-0.530648889	-0.001581095	-0.272206031	0.053892144	0.093071177	0.271524565	0.000451896	0.006081222
YGL02.12568.C1	7.932205335	-0.530656915	-0.293277337	-0.425213532	-0.196209789	0.227469898	0.395364851	0.001009512	0.010779161
YGL02.1548.C2	9.045987327	-0.530674226	0.187925274	-0.100747867	0.096884812	0.0130642	0.457351351	0.000630221	0.007708722
YGL02.963.C1	6.25632139	-0.530887938	-0.085563011	-0.737424112	-0.153664397	0.092120265	0.330285612	0.004900289	0.033408556
YGL02_GNYA1SO04JDH80	7.668549542	-0.531017899	0.110431027	-0.455499165	-0.274551825	0.037963875	0.324588576	0.001245317	0.012512013
YGL02.9014.C1	9.595644663	-0.531109421	-0.140779732	-0.21359435	-0.467899655	0.143798374	0.257162808	2.94E-05	0.000906741
YGL02_GNYA1SO04IZE6D	11.28063171	-0.531164522	0.390052773	-0.074571479	-0.277543396	0.07518008	0.472558561	2.70E-05	0.000852288
YGL02_GNYA1SO04IKJ4F	8.116042727	-0.531176887	-0.171002512	-0.39740446	-0.305578108	0.226105842	0.626628883	0.001325469	0.013075748
YGL02_GNYA1SO04H645B	9.904822435	-0.531346513	-0.063054353	-0.353540292	-0.141022613	-0.044709158	0.210380809	3.03E-05	0.000925839
YGL02.11295.C1	8.842034976	-0.53135035	-0.034322456	-0.237951075	0.074877579	0.092474663	0.49627554	0.004399682	0.030855628
YGL02_GNYA1SO04IVY7V	7.458799291	-0.531423543	0.218648521	-0.009368257	0.145350304	-0.111639171	0.029935005	0.000994855	0.010670167
YGL02.2296.C2	11.60557591	-0.531555922	0.018865031	-0.310798527	-0.448700704	0.116777865	0.329117583	4.90E-05	0.001285504

YGL02.21670.C1	8.147005349	-0.531602789	-0.192047195	-0.204030967	-0.01973076	0.14138601	0.209884914	0.000541589	0.006918679
YGL02.3074.C1	7.058339223	-0.531645748	-0.537726669	-0.711668666	0.058640826	0.600789699	0.006033787	0.006695527	0.041779924
YGL02_GNYA1SO04H306V	6.927684053	-0.531903697	-0.175774418	-0.078476048	0.149925549	0.357205167	0.476760539	0.000587328	0.007323099
YGL02_GNYA1SO04JNIJZ	7.960013165	-0.532046932	0.472871417	-0.101179768	0.040481425	0.234802097	0.261835633	0.004129457	0.029480988
YGL02_GNYA1SO04IY0L4	6.629823871	-0.532147107	0.22470388	0.06901841	0.582406712	-0.161905927	-0.044348486	0.005461015	0.036129021
YGL02_GNYA1SO04IVUUO	9.468291722	-0.532227728	-0.134189932	-0.278462543	0.026947161	0.137066854	0.455790904	0.008014883	0.047582167
YGL02_GNYA1SO04IXWYA	8.052756581	-0.532254595	-0.303990853	-0.133268459	0.017345593	0.387025706	0.563551151	0.003185666	0.024462569
YGL02.8522.C2	9.095199125	-0.532274311	0.046938498	-0.487766534	-0.217028379	-0.026133793	0.60102923	0.005924589	0.03831575
YGL02_GNYA1SO04IAOV8	8.879865749	-0.532292023	0.266750721	-0.515035015	-0.229851535	0.144818073	0.324985333	0.002414809	0.020072691
YGL02_GNYA1SO04IBBN7	7.439004883	-0.532452481	0.049131757	-0.0408714	0.11321575	0.031777593	0.483407637	0.002698307	0.021747138
YGL02_GNYA1SO04JZ9RH	8.348736778	-0.53249151	-0.097400119	-0.392081306	0.105196035	-0.070604837	-0.070173582	0.000463803	0.00619701
YGL02.10848.C1	7.725042744	-0.532664379	-0.183092624	-0.291275843	-0.329591905	0.198371926	0.521079743	0.003050115	0.023719687
YGL02.3210.C3	6.898516144	-0.532710263	-0.539938833	-1.353037759	0.113739846	0.094084338	0.57112116	0.006476021	0.04079382
YGL02.710.C1	10.49356412	-0.533227304	-0.23259826	-0.42755104	0.066151237	0.151982671	0.420307425	0.000333163	0.004925096
YGL02.5137.C3	10.52990865	-0.533288136	-0.111775147	-0.374019418	0.077439546	0.15211481	0.573165769	0.000673518	0.008088318
YGL02_GNYA1SO04JR3UM	3.335627569	-0.53347832	-0.465474199	-0.522241193	-0.002778888	0.538826004	0.527971868	0.008338548	0.048891773
YGL02_GNYA1SO04IH4QV	8.651638982	-0.533568813	0.080136636	-0.198149117	-0.071148329	-0.008747319	0.244282898	0.000244777	0.003953867
YGL02_GNYA1SO04JL688	10.25069833	-0.53369673	-0.213329228	-1.004427069	0.610574953	0.213914744	0.263369561	0.002365339	0.019780734
YGL02.16663.C1	10.61542788	-0.533774916	-0.008777513	-0.264743231	-0.438835142	0.233024463	0.334317348	0.002582218	0.021046804
YGL02_GNYA1SO04J0GES	9.737572202	-0.533848159	0.288748307	0.546437373	-0.252551965	-0.185985493	0.136509201	0.008080368	0.047845906
YGL02.11878.C1	10.01380088	-0.533959491	-0.227052955	-0.433773346	0.007879627	0.265336471	0.662969973	5.60E-05	0.001408166
YGL02_GNYA1SO04IN1Y7	6.885224476	-0.533996812	-0.030934684	-0.13630775	-0.12818041	0.288268714	0.177454872	0.001164132	0.011931345
YGL02.1148.C1	11.26007432	-0.534047916	-0.06393133	0.180293876	-0.103837871	0.152320504	0.320364228	5.10E-05	0.001318955
YGL02.487.C1	9.112663955	-0.534167295	-0.131072817	0.161550119	-0.340360859	0.076508027	0.066015867	0.000885027	0.009831577
YGL02.6436.C1	8.105746525	-0.534233008	0.076575394	-0.098487842	0.523105212	-0.06366047	0.042678322	0.005347272	0.035591083
YGL02_GNYA1SO04JDUJY	9.988469252	-0.534387817	-0.12838696	-0.291834861	-0.189680019	0.014897499	-0.027054167	0.000568722	0.00716353
YGL02.9216.C1	5.890104477	-0.534431911	0.230516941	-0.145059324	-0.133253571	0.12282309	0.359122885	0.007288431	0.044434626
YGL02.7330.C1	8.64313752	-0.534485444	0.207119078	-0.250331992	0.229311839	-0.166263457	0.378687062	0.000229627	0.00378083
YGL02.23141.C1	7.167945918	-0.534491648	-0.310063801	-0.395540885	0.426149656	-0.206827265	-0.188619861	0.002641191	0.021394159
YGL02.6813.C2	8.559555936	-0.534565562	0.131495469	-0.399512325	-0.151254011	0.152101717	0.672871747	0.002207712	0.018813875
YGL02.15683.C1	7.458894976	-0.534691615	-0.053435229	-0.272602817	0.505298083	-0.157975278	0.150888628	0.002524849	0.020725634
YGL02.326.C1	8.921402023	-0.534939094	-0.716648905	-0.985275047	-0.055317926	0.155600235	0.859559327	0.003284517	0.025007942
YGL02_GNYA1SO04I6JW8	7.544939234	-0.535089195	-0.291350634	-0.51950164	-0.521962705	0.651204822	0.731346269	0.002196425	0.018750888
YGL02.7961.C1	6.782682645	-0.535170628	0.330690562	-0.293190746	-0.056513049	0.217874354	0.749757495	0.005426012	0.035959914
YGL02.4673.C5	8.818295713	-0.535300851	-0.237935892	-0.49875757	0.136564827	0.223735594	0.54212658	0.00105662	0.011142487
YGL02_GNYA1SO04I23I3	7.219146997	-0.535366904	-0.040609184	-0.182488421	-0.172161624	0.43509868	0.339381014	0.004397695	0.030846705
YGL02.12818.C1	11.0453238	-0.535376609	-0.14102147	-0.074851957	-0.209750415	0.036925776	0.153996441	0.000145941	0.002755757
YGL02_GNYA1SO04JRRDD	8.455678716	-0.535384174	-0.005074322	-0.418851702	-0.15669594	0.160906583	0.451718981	0.00086995	0.009714161
YGL02_GNYA1SO04JXC37	6.885389674	-0.535464161	0.006019684	-0.641778816	0.083571891	0.230090866	0.617051084	0.001136703	0.011730219
YGL02.5584.C2	8.355968001	-0.535512672	-0.486057943	-0.459602831	-0.180626595	0.588577105	0.902147827	0.000128658	0.002522475
YGL02.15936.C1	12.68099362	-0.535522228	-0.129632275	-0.354989692	-0.0522774	0.080195274	0.28971916	0.001045075	0.01106041
YGL02_GNYA1SO04JK1Z2	9.772720977	-0.535595493	-0.061127826	-0.368957065	-0.020848126	0.197729764	0.515595333	0.000105585	0.002202137
YGL02_GNYA1SO04JY32B	12.14679883	-0.535638203	-0.047945306	-0.229731899	-0.167116189	0.030381707	0.532445354	5.42E-05	0.001374346
YGL02_GNYA1SO04H9XF0	8.306020377	-0.535641997	-0.182125638	-0.370516507	-0.015039935	0.186484408	0.337170231	0.001282811	0.012773648
YGL02.14506.C1	8.354932606	-0.535675232	-0.049673522	0.105466586	-0.02739827	0.033481846	0.335882178	2.25E-05	0.000751257
YGL02_GNYA1SO04JJNHM	7.908050251	-0.535710257	-0.298886405	-0.558648185	-0.116572683	0.136414823	0.360515859	0.001969381	0.017376144
YGL02_GNYA1SO04I2QBZ	9.078609531	-0.535770265	-0.077850915	-0.185544327	-0.158464844	0.365780136	0.493206108	0.001205188	0.01223113
YGL02.756.C1	9.04010338	-0.535940222	0.061528804	-0.314546682	-0.223156518	-0.021679703	0.6001354	0.000122931	0.002447641
YGL02_GNYA1SO04JLOJ5	13.8315836	-0.535953111	-0.361353757	-0.841738122	0.160750272	0.235347394	0.175503213	0.00832721	0.04884963
YGL02_GNYA1SO04JW4KY	8.122536209	-0.536027707	-0.707355082	-0.623174259	-0.275329046	0.260529093	0.210475269	0.005705001	0.03731992
YGL02_GNYA1SO04IST3X	3.509788442	-0.536079577	-0.240136637	-0.446721183	-0.203755956	0.206589173	0.487754966	0.006771609	0.042095054
YGL02.8742.C1	8.628820786	-0.536265576	-0.068277154	-0.098736535	-0.046404815	0.273529793	0.498738651	0.000266114	0.004200536
YGL02.2775.C1	10.17971984	-0.536270534	-0.059679144	-0.140829995	0.006664704	0.329888566	0.330410277	0.007615629	0.045870499
YGL02_GNYA1SO04JMF1K	8.663718369	-0.536345237	-0.546311102	-0.426464706	-0.163616805	0.131934703	0.249306329	0.006445941	0.040671933
YGL02.8987.C1	8.298321518	-0.536372667	-0.084999475	-0.166121685	0.112891071	-0.112480794	0.003245833	3.43E-05	0.001010809
YGL02.1925.C3	10.15530697	-0.536405006	-0.341225276	-0.489813722	0.028631199	0.076855882	0.427671246	0.000140391	0.002681867
YGL02_GNYA1SO04I6NFD	9.034229617	-0.536443064	0.135601566	-0.610754968	0.405052525	0.342764007	0.552532527	0.007408155	0.04495781
YGL02_GNYA1SO04H78W2	8.643236661	-0.53659294	0.185864583	-0.271317311	-0.647186807	-0.060590365	0.255115643	0.001570478	0.014788158
YGL02.11413.C1	9.693384821	-0.537092382	-0.013916549	-0.248587512	0.003248265	0.027319369	0.296239379	0.000204784	0.003482485
YGL02.3529.C1	9.069342938	-0.53720974	-0.207539772	-0.512953326	-0.008452633	0.229960082	0.378148671	0.000515813	0.006671655
YGL02_GNYA1SO04J0VW5	9.959089377	-0.537278273	0.295013783	-0.25189753	0.74769424	0.176340711	0.345273802	0.001509187	0.014365046
YGL02.12261.C1	10.98500815	-0.53734768	-0.343291662	-0.446963448	-0.102895655	0.213506375	0.582547542	0.000186296	0.003261883
YGL02_GNYA1SO04ICE8S	9.635905271	-0.537406046	-0.036245096	-0.212891148	-0.028835951	0.233907078	0.095936524	0.001363513	0.013346335
YGL02_GNYA1SO04JWNWG	9.327628258	-0.537678684	-0.130938992	-0.288994311	0.663190475	0.122963267	0.161996505	0.000418424	0.005769887
YGL02.7623.C1	9.443501022	-0.53770494	-0.219165885	-0.46377345	-0.268073887	0.022698541	0.478897774	0.000681046	0.008154516
YGL02_GNYA1SO04ICM3I	7.984007513	-0.53790437	-0.308805821	-0.344636284	-0.054324809	0.36403801	0.383126782	0.004503621	0.031370507
YGL02_GNYA1SO04I97ZW	8.79021054	-0.538103088	-0.450943298	0.073481397	-0.035580987	0.187006438	0.401119496	0.005531518	0.036466908
YGL02.22418.C1	8.912183961	-0.538116945	-0.180930345	-0.368314623	-0.093426553	0.123210257	0.538947507	0.003398713	0.025605094
YGL02.1729.C6	11.06388344	-0.538157257	-0.052890947	0.067348929	0.088446387	0.037708933	0.144956775	0.000333003	0.004924464
YGL02.1575.C1	10.72158781	-0.538191647	-0.130513397	-0.528079829	-0.118668327	0.288826446	0.565226777	0.000102565	0.002160362
YGL02_GNYA1SO04JLC8Y	12.87064761	-0.538222288	-0.14097268	-0.236273862	0.134662336	0.359355316	0.477510862	0.000105426	0.002199873
YGL02.4030.C3	10.22513247	-0.538279285	-0.158423113	-0.589561476	0.196301176	0.182573159	0.232235178	0.002668555	0.021551352
YGL02_GNYA1SO04ISVJX	9.994974705	-0.53835062	-0.2839344	-0.698114202	-0.105628833	0.061777182	0.304694494	0.000424916	0.005827148
YGL02.5756.C1	7.054143507	-0.538409151	-0.640367598	0.211476865	-0.386415575	0.282328567	0.65871931	0.006449417	0.040689301
YGL02.23163.C1	6.417188498	-0.538549685	-0.206259613	-1.021139612	0.447346505	0.251465072	1.023705017	0.005113878	0.034435859
YGL02_GNYA1SO04IVN8T	7.152103517	-0.538778274	0.00820498	-0.108077472	0.283745299	0.099705126	0.309226918	0.000328897	0.004881544
YGL02.1421.C3	6.974056882	-0.538799718	-0.414668881	-0.392478388	-0.209101677	0.340390404	0.853763563	0.001042346	0.011038724
YGL02.6290.C2	9.293026849	-0.538819995	-0.080239424	-0.370732852	-0.068181872	0.013592695	0.331319667	0.000982532	0.010583572
YGL02_GNYA1SO04I6BRH	10.60112753	-0.539048815	0.702996113	0.480540344	-0.539075468	0.300047631	0.361516423	0.000124063	0.002463764
YGL02.20459.C1	9.944186865	-0.539246406	0.061183764	-0.163966224	-0.213926316	0.070427934	0.236297744	1.44E-05	0.000552342
YGL02_GNYA1SO04H23UX	9.105152267	-0.539568171	0.014296577	-0.331033915	0.603809892	-0.101808845	0.040386632	0.004303082	0.030359013
YGL02.3948.C1	10.56135136	-0.539706338	0.219082148	-0.166657509	0.099780015	0.127012125	0.587514895	0.007834056	0.046817717
YGL02_GNYA1SO04ID999	9.370064628	-0.539706406	-0.283118794	-0.359752975	-0.224298829	0.131640437	0.473625323	0.000134084	0.002599346
YGL02.7397.C2	8.280570969	-0.539798051	-0.355655158	-0.622731554	0.053766266	0.29185641	0.568060818	0.000121905	0.002431297
YGL02.6162.C1	9.179505182	-0.539849711	-0.078947837	-0.525872437	-0.202175502	0.056316848	0.646460954	0.006191679	0.039509653
YGL02.9865.C1	7.657817291	-0.540015954	-0.116518038	-0.461873936	0.077501293	0.127816092	0.298682626	0.002557422	0.02090615
YGL02.20423.C1	9.868827644	-0.540143019	-0.202464848	-0.403478134	0.196727456	0.070306922	0.250380117	0.000597957	0.007415646
YGL02.4415.C1	8.903023928	-0.540167755	0.064090551	-0.070164176	0.269801132	0.267018111	0.431684779	0.000394147	0.005539183
YGL02.15121.C1	8.049431117	-0.540278032	-0.409971873	-0.491331801	0.085751983	0.209597343	0.386770084	0.003179667	0.024428093
YGL02_GNYA1SO04JRKJ8	8.517520226	-0.540505656	-0.120762388	-0.201317684	0.357249269	0.388906849	0.42274722	0.002234323	0.018981822

YGL02_GNYA1SO04JTNSU	6.14173089	-0.540553489	0.893233434	-0.090690305	-0.41828107	0.395227518	0.531299568	0.003039262	0.023656779
YGL02_GNYA1SO04JIXRX	7.563806952	-0.540574147	-0.305954062	-0.23454906	-0.557925051	0.291230307	0.593264426	0.001479273	0.014158365
YGL02.22783.C1	7.989052023	-0.540717399	-0.195750487	-0.262852149	0.243132469	0.354286342	0.42912707	0.000496651	0.00648933
YGL02.2818.C31	9.685998593	-0.541060146	0.078383068	-0.13376536	0.252366349	0.071789278	0.365060262	0.000169489	0.003056038
YGL02_GNYA1SO04I6PRN	8.096335106	-0.541084498	0.146009725	-0.305814498	0.187318277	0.021776652	0.499867276	0.00720463	0.044066875
YGL02.4980.C1	9.603535856	-0.541147297	-0.019611081	-0.344958032	-0.129949141	0.110838714	0.510461221	0.00060747	0.007500513
YGL02_GNYA1SO04JG83M	8.910253248	-0.541276692	0.062697698	-0.153703059	-0.440383067	0.232175234	-0.01135234	0.007532077	0.045523548
YGL02.14193.C1	8.354167419	-0.541289386	-0.106739572	-0.478256873	-0.192279131	-0.035516126	0.461278294	0.000419394	0.005777069
YGL02.11963.C1	7.039259864	-0.541468279	-0.284751483	-0.301160993	0.681177717	-0.044410118	0.265239427	0.007647652	0.046005213
YGL02_GNYA1SO04I8SBG	8.216562209	-0.541701914	-0.002352958	-0.334603438	0.120925986	-0.008500296	0.41032344	0.000201226	0.003447005
YGL02_GNYA1SO04H4740	10.22497775	-0.541713936	-0.142905698	-0.472073397	-0.007351995	0.073137105	0.433787437	6.07E-05	0.001489187
YGL02.22537.C1	6.896954629	-0.541839186	-0.220832086	0.665836311	-0.229823912	-0.034071205	-0.120806315	0.00209729	0.018129688
YGL02.22532.C1	7.543066593	-0.541854123	0.162621087	0.037952784	-0.248898542	0.074828943	0.418581602	0.000450389	0.006066614
YGL02_GNYA1SO04JH5Y1	8.556976399	-0.541963174	0.737583668	0.220379115	-0.468710203	-0.455668078	0.194830478	0.00269776	0.021744929
YGL02.5197.C1	8.009038969	-0.542016115	-0.055280766	-0.23769487	0.19312829	0.175337824	0.504724626	0.000361528	0.005208266
YGL02.3951.C4	8.54909825	-0.542022342	0.059452522	-0.429924447	-0.021222062	0.105929918	0.693442452	9.79E-05	0.002089727
YGL02.7170.C1	11.29380442	-0.54203072	-0.192132415	-0.587977169	0.146055265	0.043577559	0.540788989	6.89E-05	0.001627112
YGL02.8745.C1	5.881458619	-0.542074784	-0.264315315	-0.632349544	0.479593143	-0.361892013	0.077281384	0.00610728	0.039140823
YGL02.2990.C2	8.979504547	-0.542104116	0.105858596	-0.490627582	-0.031920234	-0.09526	0.469208659	0.00067931	0.008137005
YGL02_GNYA1SO04JFSTS	6.438890422	-0.542105777	-0.589547565	-0.180642083	-0.256431783	0.920690957	0.174867054	0.006471783	0.040777444
YGL02.4319.C1	9.544891693	-0.542137416	0.0482691	-0.372736988	0.065364159	-0.010834372	0.504364739	0.000211073	0.003560801
YGL02_GNYA1SO04JQ1GA	9.115844849	-0.542147339	-0.614503244	-1.037977266	0.190467567	0.60041156	0.612125692	0.000262656	0.004161679
YGL02.479.C34	8.492698798	-0.542376132	-0.276867698	-0.096023482	-0.018400403	0.268738942	0.576240288	0.000133984	0.002598568
YGL02.12937.C1	8.917900341	-0.542467728	-0.132770405	0.03684858	-0.276907195	0.306252957	0.289890914	0.001217891	0.012319501
YGL02.2079.C2	7.149682968	-0.542626531	0.232847695	-0.286975051	-0.095295792	0.18594616	0.752545404	0.001249455	0.012541799
YGL02.20685.C1	6.459575257	-0.542742588	-0.244353106	-0.478836667	0.55318992	0.053152654	0.235931524	0.00044576	0.006025563
YGL02_GNYA1SO04JRRVJ	8.464536405	-0.542793262	-0.116310096	-0.187216425	0.004863847	0.240044727	0.271491189	0.005104072	0.034387712
YGL02.6525.C2	11.12635785	-0.542824805	-0.065752786	-0.565816516	-0.038093936	0.049255243	0.349184347	0.001976625	0.017415199
YGL02_GNYA1SO04JEI8K	10.30555848	-0.542888892	0.117481776	-0.079906873	-0.31369955	0.151365196	0.285277991	0.001530364	0.01452212
YGL02_GNYA1SO04IFY47	3.464940575	-0.543017781	-0.367754471	-0.406612593	-0.096120013	0.374715705	0.454481127	0.002191959	0.018728816
YGL02.8446.C1	7.518843358	-0.543018771	-0.146221406	0.067880241	-0.397287813	0.14649293	-0.122854659	0.003957159	0.028556339
YGL02.4722.C1	8.907960278	-0.543115043	0.029278709	-0.734637535	-0.072036583	0.078082673	0.618583663	0.000642465	0.007818606
YGL02.1573.C3	9.452286439	-0.543370209	0.343730237	-0.407625943	-0.139914905	-0.046467823	0.263027337	0.000109497	0.002261617
YGL02.6030.C4	3.296109363	-0.543444304	-0.503325003	-0.601895896	0.27497168	0.519818343	0.616523957	0.006579942	0.041263347
YGL02.10945.C1	9.82353425	-0.543598147	-0.113297208	-0.242448329	-0.094970302	-0.070533087	0.236975871	3.25E-05	0.000973199
YGL02.14539.C1	6.159850097	-0.543625662	-0.042080659	0.247367338	-0.05752675	0.196400315	0.258086539	0.00620057	0.039550798
YGL02.12444.C1	9.999295561	-0.543635107	-0.171433953	-0.292814019	-0.142714885	0.317741889	0.510056938	1.56E-05	0.000584432
YGL02.6720.C1	6.152422625	-0.543699987	0.005208664	-0.14826555	0.485861165	-0.179290193	-0.188390904	0.006120193	0.039192545
YGL02_GNYA1SO04JYY1C	10.04809551	-0.543831332	0.081013715	-0.307582052	-0.401166006	0.045486783	0.569931608	0.00039095	0.00550595
YGL02.8465.C1	8.484507376	-0.543890222	-0.283553316	-0.17861332	-0.399649984	0.304228882	0.506186159	0.000948109	0.010332241
YGL02.4473.C2	11.28533175	-0.543909687	-0.28937796	-0.495586064	-0.158287409	0.051919985	0.22518999	9.75E-06	0.000427085
YGL02_GNYA1SO04JEIJQ	9.332243799	-0.543967012	-0.45185181	-0.447101877	-0.185314959	0.211581674	0.174540223	0.000178982	0.0031668
YGL02.20258.C1	8.569238214	-0.543986085	-0.196318054	-0.30563999	0.163276963	0.04283607	0.538325789	0.001149429	0.011828778
YGL02.852.C1	15.9730744	-0.544016185	-0.136328761	-0.309057837	-0.318167528	0.183002909	0.469936811	8.06E-05	0.001822134
YGL02.10524.C1	6.740984655	-0.544212163	0.162178184	0.11322266	-0.270900729	-0.008226593	0.356503456	0.003237899	0.02475212
YGL02.7545.C1	11.95409719	-0.544275062	0.132221805	-0.22086383	0.126579176	0.207394878	0.64191908	0.001557616	0.014711212
YGL02_GNYA1SO04IL67U	6.882035751	-0.544284741	-0.29986444	-0.273501232	0.07040714	0.070461846	-0.037885418	0.003336427	0.025275538
YGL02_GNYA1SO04IMWII	9.573117335	-0.544315318	-0.082376876	-0.080914204	-0.182846202	0.178248249	0.069299561	0.00429841	0.03034159
YGL02.3273.C2	10.88130156	-0.544431627	0.005638212	-0.235684008	-0.099114401	0.178136122	0.330699322	0.000179445	0.003172822
YGL02.388.C2	7.458001427	-0.544945836	-0.117546735	-0.399120881	0.565836778	0.209158911	0.454153274	0.00014262	0.002713629
YGL02.10359.C1	8.756213359	-0.545006427	-0.117262504	-0.304031443	-0.2601821	0.135726975	0.485864171	0.003083433	0.023907049
YGL02.19179.C2	8.080919237	-0.545084851	-0.152083174	-0.519282579	-0.034792421	0.028577346	0.565964857	0.003998177	0.028773765
YGL02_GNYA1SO04IIKMP	8.872284343	-0.545189318	-0.092110458	-0.183098669	0.44881337	-0.017117416	-0.082627505	1.96E-05	0.000684487
YGL02.11260.C1	8.511820961	-0.545328199	0.293153374	0.078878899	-0.112379015	0.087438539	0.291611791	8.11E-05	0.001829516
YGL02_GNYA1SO04JVA7E	8.646279474	-0.545514725	-0.174313058	-0.252718635	-0.249425301	0.246331042	0.34243422	0.000144324	0.002735287
YGL02.5940.C2	13.34766343	-0.545694657	0.166214039	-0.145452228	-0.202132668	0.103984464	0.427285054	0.000352082	0.005116007
YGL02.23159.C1	7.43098432	-0.545799884	-0.105795678	-0.440613353	0.395262363	0.152105782	0.504621464	0.001272458	0.012696914
YGL02.17336.C1	9.660064275	-0.545853017	-0.738741289	-0.647552121	0.142273637	0.273912732	0.038600991	0.002196398	0.018750888
YGL02.9863.C2	10.07591344	-0.545876644	-0.791173781	-0.710761889	-0.0151535	0.253964775	0.496001399	0.000550796	0.007002439
YGL02_GNYA1SO04I3A8L	9.986222893	-0.546107813	-0.133893672	-0.472575438	-0.03192938	-0.113495103	0.420905051	0.00187179	0.016743295
YGL02.5379.C2	8.735970923	-0.546132783	-0.08214503	-0.311263613	-0.067124357	0.051945857	0.454022612	0.004651664	0.032130377
YGL02_GNYA1SO04IBDH3	10.15500381	-0.546393724	0.061969347	-0.224418248	-0.380836055	0.138655691	0.217948359	0.001306339	0.012950168
YGL02.22659.C1	7.368324093	-0.546400447	-1.33243086	-1.289892055	0.259891314	0.828053764	0.711154954	1.98E-05	0.000687731
YGL02.17277.C1	8.103710552	-0.546445559	-0.587578025	-0.461336696	0.042093345	0.085757288	0.300904142	0.007868122	0.046958458
YGL02.4810.C1	3.347679486	-0.546477685	-0.500577208	-0.502739451	0.06348368	0.477738915	0.60177644	0.001695805	0.015621211
YGL02.18940.C1	8.256495147	-0.546501457	-0.1694756	-0.346369062	-0.242508126	0.178506967	0.540294369	0.000320471	0.004790529
YGL02.11726.C1	9.064743128	-0.546519831	-0.009553068	-0.201431983	-0.197933678	0.051103994	-0.004579587	0.000127849	0.002510035
YGL02_GNYA1SO04JXWZD	8.337745074	-0.546543518	0.127599734	-0.190653224	-0.105665241	-0.112135861	0.249329728	0.000595952	0.007397864
YGL02_GNYA1SO04I4R5Y	8.86150341	-0.546615972	-0.09615756	-0.330437493	0.094498847	0.162276796	0.346925042	0.000496854	0.006491278
YGL02.9525.C1	6.737363556	-0.547023742	-0.329630897	-0.472818844	0.125928671	0.224262876	0.023525083	0.005940676	0.038380793
YGL02.758.C2	10.99572068	-0.547062379	0.342347965	0.208508971	-0.024205576	0.099898783	0.442630543	0.000176852	0.003144174
YGL02_GNYA1SO04IRU3T	10.63447398	-0.54725644	-0.094750425	-0.300422807	-0.577760648	0.180971449	0.413242946	0.000673477	0.008088318
YGL02.3634.C1	9.310826673	-0.547316827	-0.233364882	-0.009803593	0.285620389	0.249665963	0.528714547	0.001061953	0.011177805
YGL02.9310.C1	8.821027059	-0.547427678	0.305402496	-0.011303062	0.136836349	0.393083116	0.713305475	0.004189848	0.029787325
YGL02_GNYA1SO04JC2J3	8.160651025	-0.547438924	-0.040496115	-0.239972043	0.016203526	0.075829241	0.43233402	0.007172323	0.043927363
YGL02.11946.C1	6.436758807	-0.54763273	0.023662581	-0.322659564	0.4166349	-0.106543006	0.162030719	0.006014655	0.038735063
YGL02_GNYA1SO04IO32H	7.437946938	-0.547849617	-0.197570239	-0.270344652	0.095831966	0.216662888	0.345318895	0.000514144	0.006652065
YGL02.19520.C1	11.54101431	-0.547849839	-0.309417351	-0.454749288	-0.121665202	0.216575838	0.473928268	3.95E-05	0.001113255
YGL02_GNYA1SO04IXSLI	7.102546194	-0.54821162	0.275770126	0.039746192	0.08298617	-0.123524815	-0.072108161	0.008254439	0.048546456
YGL02.3365.C1	11.48147421	-0.548263921	0.227268168	-0.077457491	-0.069781504	0.330265777	0.424905824	0.000423738	0.005818377
YGL02.2383.C2	7.520715651	-0.54830553	-0.823771234	0.091355908	0.107010758	0.51760555	-0.21329487	0.002689228	0.021686959
YGL02.17686.C1	8.025169991	-0.548364241	-0.201521243	-0.714635409	0.174098699	0.169325004	0.409267114	0.000556158	0.007052607
YGL02_GNYA1SO04JYI9O	7.889389588	-0.548413478	0.07789291	0.055546174	-0.201854397	0.030436585	0.087675161	0.001105054	0.011491634
YGL02.5658.C3	7.263477268	-0.548734079	0.206236266	-0.002108542	0.078130633	0.289561958	0.366839344	0.000221456	0.003691026
YGL02_GNYA1SO04J0LZ9	5.897699086	-0.548832056	0.622756423	0.939971076	-0.067661734	0.581092821	0.528473477	0.003366431	0.025437361
YGL02_GNYA1SO04JM4MJ	8.823701454	-0.54895079	0.162051621	0.093393534	-0.365829247	0.138326629	0.453767993	0.002930061	0.023042136
YGL02_GNYA1SO04JUL2A	11.04431461	-0.549122611	0.097751788	-0.276352365	-0.495265638	0.010770762	0.26896112	0.000601771	0.007447968
YGL02_GNYA1SO04JR03Z	8.583715191	-0.549227047	-0.129094551	-0.462327838	-0.542884011	0.026281936	0.694127207	0.001583272	0.014870194
YGL02_GNYA1SO04JLJWQ	11.53607711	-0.549308348	-0.264989284	-0.594405043	-0.336728264	0.124798956	0.448729809	0.000151065	0.002823287
YGL02.9585.C1	6.181011648	-0.549337158	0.040599405	-0.661829694	0.069896036	0.26064373	0.738172069	0.004005861	0.028819457

YGL02.13901.C1	13.53239554	-0.549390502	0.189763865	-0.120531835	0.094558809	-0.042495527	0.294327053	0.000534233	0.006843605
YGL02_GNYA1SO04IVZ0N	10.83364529	-0.549540128	-0.241330019	-0.350363113	0.360379282	0.011059702	-0.046136982	0.00119797	0.012174094
YGL02_GNYA1SO04IM66Y	13.59181134	-0.54961588	0.078004152	-0.102771995	-0.226438977	0.254644832	0.483590078	0.002724661	0.021907221
YGL02.4495.C1	9.434020259	-0.549664839	-0.153353996	-0.247427313	0.107487577	-0.04298877	0.201380968	0.003986913	0.028716642
YGL02.6506.C1	5.853992456	-0.549706138	0.320914162	0.140261224	0.539909772	-0.127255955	0.205977405	0.00228527	0.019295541
YGL02.22126.C1	6.95031611	-0.5497349	-0.149038937	-0.442402616	0.070583859	-0.22191727	0.207978511	0.000367132	0.00526494
YGL02_GNYA1SO04H1LO7	10.71436603	-0.549775834	-0.005983838	-0.582370528	-0.520568504	0.09815612	0.419318615	0.000870396	0.009715918
YGL02_GNYA1SO04JDEPR	8.836770044	-0.549824129	-0.348865548	-0.919397139	-0.230108262	0.095675633	0.440528823	0.003512336	0.026220627
YGL02_GNYA1SO04IOI5D	10.84730762	-0.54990097	-0.124728198	-0.238264697	0.672991516	-0.023804065	-0.080030998	0.004780067	0.03280035
YGL02.723.C1	7.443523452	-0.550065104	-0.386122308	-0.620347067	0.115794346	0.191583403	0.606443592	0.004854458	0.033171954
YGL02.18007.C1	9.331506412	-0.550085284	-0.21772414	-0.564087292	0.358855483	0.09864609	0.406314358	4.13E-06	0.000246368
YGL02.15843.C1	7.982920686	-0.55032774	0.022123052	-0.256460229	0.194083594	0.125916533	0.280995265	0.001874813	0.016761457
YGL02_GNYA1SO04IBJTP	9.933630479	-0.550367209	-0.283655424	-1.036256631	0.110786934	0.03635868	0.292464438	0.000684025	0.008181925
YGL02.19589.C1	10.00695145	-0.55041022	-0.093529865	-0.542157894	-0.237194193	0.105103537	0.616324572	7.55E-05	0.001739094
YGL02.6864.C1	10.68772884	-0.550699814	-0.075229332	-0.203247322	-0.128841978	0.136656121	0.577433729	0.000183452	0.00322387
YGL02.436.C5	13.00802652	-0.550701506	-0.144327591	-0.258242785	0.841191103	-0.035967106	0.030203374	0.001426338	0.013792477
YGL02.6418.C2	9.714055612	-0.550719403	-0.001881649	-0.113869301	-0.191890302	0.134236	0.329491168	0.000609457	0.007517231
YGL02_GNYA1SO04IPE3E	6.666634474	-0.550794767	-0.371955027	-0.352011047	0.362286789	0.101151084	0.254610606	0.000554046	0.007031332
YGL02_GNYA1SO04JDG7T	8.382946273	-0.550866762	0.082151983	-0.340605512	-0.332395906	0.018640439	0.458308898	0.000572736	0.007197986
YGL02.12362.C1	11.98734744	-0.550874925	0.173947559	0.18340807	-0.108531708	-0.061648635	0.200077574	0.000111275	0.002286195
YGL02.9583.C1	7.213687119	-0.551018361	-0.018124596	-0.140726688	-0.190799368	-0.06294781	0.463468799	0.000237582	0.003872778
YGL02.16.C1	8.351950943	-0.551257899	-0.010887721	0.675927344	-0.023829607	0.116233245	0.268652153	0.001960757	0.017314272
YGL02.15139.C1	7.798665662	-0.551543096	-0.251298528	-0.330066364	0.04420156	0.365782263	0.343836434	4.94E-05	0.001292648
YGL02_GNYA1SO04H2CUJ	8.572901766	-0.551759127	-0.058128421	-0.062273353	0.316210548	0.316036817	0.337587474	0.007614749	0.045870499
YGL02_GNYA1SO04IPDQ6	11.18653851	-0.551834458	-0.273901208	-0.712008501	-0.118328403	0.07369151	0.296904653	0.000403591	0.005629485
YGL02_GNYA1SO04IJVCO	9.52947226	-0.55208557	-0.063664969	-0.257459031	-0.128850513	0.003768747	0.248479841	2.44E-05	0.000795005
YGL02.18617.C1	7.37197011	-0.552091068	-0.176099361	-0.341960958	0.45832086	0.40144163	0.289379476	0.007099277	0.043585115
YGL02.1182.C1	8.251963795	-0.552299135	0.13365651	-0.13044603	0.173540115	0.141453915	0.608157896	0.00090162	0.009969077
YGL02.16188.C1	8.906594812	-0.552509862	-0.052882002	-0.614324285	-0.081165071	0.041654704	0.730038313	0.000408495	0.00567405
YGL02_GNYA1SO04JW8ZD	3.390957745	-0.552520677	-0.396890646	-0.399499688	0.03076477	0.406265425	0.463243732	0.007390892	0.044894432
YGL02_GNYA1SO04IFMW4	7.941630764	-0.552554206	0.070367594	-0.366491322	0.128125668	0.197227789	-0.046686543	0.00453626	0.031535096
YGL02.9585.C2	6.389682555	-0.552590629	-0.335642602	-0.710807298	-0.003617177	0.629324632	0.707078018	0.001504862	0.014336522
YGL02_GNYA1SO04H4CMA	10.06953989	-0.552591938	-0.145753008	-0.302515675	-0.206756778	0.027893173	0.318706059	0.00327679	0.024968354
YGL02.9977.C1	3.273411121	-0.552595185	-0.58686098	-0.556904123	0.180114052	0.569638472	0.62402341	0.00381333	0.027800368
YGL02_GNYA1SO04IBYU3	10.43022726	-0.552668657	0.132535903	-0.123398832	-0.239928326	0.113946439	0.290321259	0.001280714	0.01275865
YGL02.8687.C2	9.154322576	-0.552755704	-0.199931788	-0.189639438	-0.106800286	0.136686887	0.481119771	0.000906255	0.010004945
YGL02_GNYA1SO04JA832	9.056228667	-0.552756346	-0.09437047	-0.219820842	-0.39172213	0.022607278	0.067411771	0.000381574	0.005409192
YGL02_GNYA1SO04JWU80	8.918821838	-0.552863284	0.002726621	-0.209652274	-0.32566983	0.033417723	0.629142474	0.004489707	0.031302211
YGL02_GNYA1SO04H7LJV	8.686144056	-0.552863518	-0.263873056	-0.160466102	-0.02069319	0.408049482	0.30325014	0.004495949	0.031335289
YGL02_GNYA1SO04JTTQU	8.517481576	-0.552932426	0.057359446	-0.114810075	-0.132240383	0.024360975	0.393390377	0.002303671	0.019411866
YGL02.868.C1	8.579982425	-0.552963526	-0.292430014	0.108595451	-0.119267345	0.253042316	-0.114145775	0.00589649	0.038183743
YGL02.12847.C1	8.115632055	-0.553024638	0.179042269	-0.336811617	0.130873567	-0.252621258	0.642913512	0.000412553	0.005715114
YGL02.19792.C1	4.725374499	-0.55303093	-0.025346876	-0.168203104	-0.020571831	-0.01466496	0.42587797	0.002326226	0.01953653
YGL02.4857.C1	10.82348198	-0.553398502	-0.096838082	-0.918768422	-0.061283518	0.134382889	0.329553254	0.000196291	0.003383819
YGL02.11343.C1	7.207976847	-0.553604186	-0.325176975	-1.336016109	-0.080925101	-0.160266043	0.320164036	0.00489565	0.033381214
YGL02.7446.C1	7.929872706	-0.553723349	-0.430432686	0.076908055	0.356157627	0.165180044	0.491480372	0.001865852	0.016711572
YGL02_GNYA1SO04JW01Y	7.409256809	-0.553871698	-0.285538517	-0.074613513	-0.105317481	0.091552202	0.416191093	0.001502656	0.014319717
YGL02.10556.C1	8.037138781	-0.553938245	-0.204885483	-0.445258188	0.203486965	0.106427589	0.3191887	0.002004545	0.017571528
YGL02_GNYA1SO04I824A	9.345294213	-0.554061053	0.046397398	-0.327668239	-0.216292085	0.134236254	0.564111738	0.000816207	0.009292866
YGL02_GNYA1SO04IYPOB	8.270220639	-0.55421327	0.221353606	0.223116023	-0.079134505	-0.071987625	-0.008868058	0.000470752	0.006256936
YGL02.19044.C1	8.478945537	-0.554306995	-0.268260992	-0.504663739	-0.02496477	-0.074864306	0.151432779	0.000735773	0.008628961
YGL02_GNYA1SO04JVL69	7.120015783	-0.554411803	-0.343239673	-0.239850256	-0.047295627	0.33551934	0.659942796	0.006107033	0.039140823
YGL02_GNYA1SO04I1BJ1	7.983809725	-0.554514297	-0.197194617	0.089458493	-0.081000206	0.185365642	-0.188498157	0.001812322	0.016376506
YGL02.6039.C1	10.48382772	-0.55454175	0.156310803	0.133052091	-0.1431879	0.113906561	0.216722948	0.000146833	0.002768177
YGL02_GNYA1SO04I4F3H	9.138750655	-0.554777594	-0.28560754	-0.713939162	0.21298728	-0.063003523	0.651049111	5.72E-05	0.001429284
YGL02_GNYA1SO04ILCX0	9.217174986	-0.554960354	-0.284368597	-0.592248968	-0.022038841	0.239071671	0.547367174	0.00360373	0.026718976
YGL02.17335.C1	9.342007632	-0.555252179	0.135649127	0.153387055	-0.000114418	-0.002378998	0.347009716	0.000466598	0.006220289
YGL02.3779.C1	7.426720708	-0.55529569	-0.000853493	-0.544043588	0.442509593	0.058928033	0.156145672	0.000825372	0.009361815
YGL02_GNYA1SO04I3JEG	10.81348332	-0.55558111	0.023518036	-0.414973592	-0.141521696	0.19084679	0.531976502	0.000132836	0.002584423
YGL02_GNYA1SO04IVN19	9.792460706	-0.555753284	-0.235814854	-0.534644143	0.020201531	0.130798322	0.562116933	0.000158482	0.002913829
YGL02.3705.C5	5.611461063	-0.555778167	-0.258934556	-0.199693305	-0.07608936	-0.195330239	-0.018748479	0.006543359	0.041083672
YGL02.15734.C1	8.167620272	-0.555828733	-0.257492534	-0.746534511	0.06941388	0.287649418	0.737675558	0.000927349	0.010168477
YGL02.10719.C1	9.045362695	-0.555831317	0.152741596	0.040255423	0.05758084	-0.058825038	0.29342359	1.66E-05	0.000609799
YGL02_GNYA1SO04H7F8H	8.228504154	-0.555893474	-0.073425857	-0.358094679	-1.133606728	0.123179261	0.674328695	0.003230796	0.024716786
YGL02.4925.C1	11.03649085	-0.556075949	0.273564979	0.073794471	-0.231788172	0.143368028	0.523815328	3.80E-05	0.001083405
YGL02.2096.C1	8.260967847	-0.55611204	-0.087435029	-0.169369213	-0.221952045	0.283168042	0.36385838	3.76E-05	0.00107843
YGL02.5466.C1	6.685327949	-0.556314702	-0.541814558	-0.254389145	0.073497459	0.509877882	0.261554545	0.007263539	0.04431852
YGL02.7173.C2	10.4789785	-0.556626114	-0.554581018	-0.484036917	-0.022851011	0.227619674	0.264678392	0.002727262	0.021922686
YGL02.6984.C1	9.1985559	-0.556659184	-0.300627482	-0.542754579	0.012776011	-0.035541268	0.748434551	0.002003879	0.017568017
YGL02.11168.C2	7.683760947	-0.556697358	0.072438467	-0.348456468	-0.10271906	0.02763196	0.660644169	0.00584451	0.03794311
YGL02.17735.C1	4.74675051	-0.556715216	0.029997437	-0.109657403	0.11127425	-7.37E-05	0.018128649	0.002190127	0.018715628
YGL02_GNYA1SO04JTVEE	7.746862643	-0.556740632	-0.195192045	-0.103761635	0.032630315	0.304394447	0.482760816	5.90E-05	0.001460558
YGL02_GNYA1SO04H1G1R	13.05862816	-0.556814307	0.110393179	-0.112037067	-0.241171199	0.077896141	0.360697297	0.005713385	0.037363443
YGL02.21821.C1	8.097376643	-0.556828645	-0.052586078	0.254296762	-0.174195418	0.313384275	0.166085571	0.001971695	0.017384051
YGL02_GNYA1SO04JM54L	7.929088735	-0.556893246	-0.202834835	-0.23296037	-0.321442399	0.372637662	0.311236794	0.002050068	0.017839375
YGL02_GNYA1SO04JICYX	7.789147338	-0.557255073	-0.08561074	-0.403299207	0.087725501	0.099272799	0.199475655	0.008010807	0.047568391
YGL02.6920.C1	8.703612739	-0.557267122	-0.008484817	0.038895836	-0.33686692	0.24592866	0.396569316	0.000182207	0.003208074
YGL02_GNYA1SO04IRK1O	13.76853604	-0.557354566	-0.423355609	-1.013664138	-0.039031926	0.278042901	0.375227664	0.000563701	0.007121066
YGL02.9916.C1	7.142497187	-0.557439544	0.148312108	0.166378939	-0.351675959	0.330479288	0.127679148	0.003128317	0.024155398
YGL02.7496.C4	10.26730759	-0.557501505	-0.166187702	-0.637366871	0.291793818	-0.111983932	0.057370687	0.002284562	0.019290939
YGL02_GNYA1SO04IIVTH	6.992865693	-0.557510807	-0.206954789	0.089799734	-0.065683645	0.107191545	0.416059033	0.001760784	0.016046281
YGL02.17529.C1	9.954825286	-0.557612003	-0.083810886	-0.347124779	0.069728411	0.210229623	0.38461409	1.53E-05	0.000576398
YGL02_GNYA1SO04H8K5B	10.76941022	-0.557669068	-0.073084286	0.016056802	-0.050395996	0.238869704	0.211175517	5.34E-05	0.001361204
YGL02_GNYA1SO04JRU3A	10.01841825	-0.558022284	-0.104800274	-0.486002842	0.044547845	0.082219431	0.207864763	7.03E-05	0.00165333
YGL02.9794.C3	10.02175238	-0.558048289	-0.113449801	-0.393485182	0.13801117	0.094147452	-0.196068543	0.001587936	0.014896745
YGL02.8507.C2	7.119856824	-0.558222706	-0.123561821	-0.024374398	-0.041391195	0.343942497	0.313797301	0.000884242	0.009827628
YGL02_GNYA1SO04IZMLO	11.62264069	-0.558232089	-0.366658413	-0.344313851	0.246800259	0.124312315	0.48627635	0.005978178	0.03854424
YGL02_GNYA1SO04IQ91W	10.73342134	-0.558260223	-0.294595298	-0.444266553	-0.442542683	-0.012206756	0.24129765	0.002100896	0.018154373
YGL02.3936.C1	11.92794898	-0.558411539	-0.159073921	-0.730611923	-0.333977225	0.018682184	0.697570051	0.000325004	0.004840959
YGL02.17474.C1	9.972587475	-0.558519614	-0.013176653	-0.137739042	0.115023498	0.086642584	0.128921243	0.00180439	0.01632192

YGL02.17693.C1	8.461939476	-0.558602807	0.023385998	-0.368224794	0.131136644	0.191986305	0.268826602	7.65E-05	0.001754905
YGL02_GNYA1SO04ICSNR	12.18316712	-0.558654812	-0.084559754	0.012079781	-0.228651107	0.110718833	0.192638301	0.000286026	0.004424769
YGL02_GNYA1SO04H89NW	7.998004591	-0.558778465	-0.017800384	-0.19885836	0.108362407	0.216234493	0.28565934	0.007828233	0.046802357
YGL02_GNYA1SO04H5TMC	14.33227613	-0.558815766	-0.020593295	-0.238962076	-0.449429564	0.22596712	0.599362197	0.001653206	0.015319539
YGL02.10172.C1	11.35006424	-0.55903375	0.111165477	-0.168471456	-0.054300824	0.098033999	0.258126095	4.62E-05	0.001236833
YGL02_GNYA1SO04IZMJI	6.401089688	-0.559068523	-0.182805204	-0.209610187	-0.06037498	0.380291621	0.415924892	0.005680939	0.037192578
YGL02_GNYA1SO04JVRYF	10.09787273	-0.559189803	0.412347626	0.121057153	-0.375346791	-0.098700493	0.350686427	0.000303025	0.004611873
YGL02.13551.C1	9.418160471	-0.559401345	-0.204142447	-0.373462547	0.144239008	0.066650933	0.310024301	0.000453368	0.006095215
YGL02_GNYA1SO04IW2JD	7.783347545	-0.559522495	0.045297924	-0.144488106	-0.104381351	0.481040238	0.397498241	0.005143593	0.034590989
YGL02_GNYA1SO04H7Z63	11.56240731	-0.559561941	-0.17759181	-0.31306081	-0.387677336	0.242978256	0.509189046	0.000249309	0.004004704
YGL02_GNYA1SO04JXMKU	9.427091072	-0.559765029	0.156452439	-0.237755657	-0.248580708	0.035588594	0.493695129	0.006172958	0.039429049
YGL02.2430.C1	7.401122858	-0.55990038	-0.06305833	-0.43660784	0.083771133	0.280502826	0.336940252	0.000957348	0.010401415
YGL02.4782.C1	6.522716676	-0.559903181	0.2526901	-0.61503627	0.126746835	-0.059181692	0.370233639	0.002017701	0.017667719
YGL02.9966.C1	7.77852034	-0.560195909	1.134186832	0.982226484	-0.016825404	0.180453738	0.523082558	0.000623198	0.007645206
YGL02.12966.C1	5.927441773	-0.560276151	-0.117819507	-0.210231844	0.247244915	0.145114418	0.396673423	0.007665678	0.046087957
YGL02.14279.C1	7.257577213	-0.56028827	-0.207511464	-0.280904075	0.071554002	-0.058749565	0.507633947	0.002789683	0.022277861
YGL02.18879.C1	8.404324304	-0.560297846	-0.471872627	-0.696777869	0.47762868	0.276329102	0.411040464	0.00430791	0.030376526
YGL02.18447.C1	7.367901466	-0.560332051	-0.531540822	-0.542935001	-0.166066572	0.149676612	0.966815702	0.001290486	0.012830085
YGL02.16051.C1	8.207973369	-0.560390337	-0.066316167	-0.487404082	0.223744565	0.275562134	0.378116418	0.002630262	0.021329654
YGL02.19028.C1	9.042681403	-0.560579912	-0.361013081	-1.006812348	0.834773204	0.074906745	-0.116264753	0.004015779	0.028879905
YGL02.9404.C1	6.973288585	-0.560592522	0.29330156	-0.235235025	-0.742090442	0.127076538	0.382267515	0.003335164	0.025271535
YGL02.16379.C1	8.510412428	-0.560622476	0.0517987	-0.096067004	0.236530802	0.333662919	0.575921706	1.13E-05	0.000469474
YGL02_GNYA1SO04JTCT2	7.575583579	-0.560920421	-0.245450721	-0.088042956	-0.084883809	0.471040375	0.306483929	0.002748628	0.02204517
YGL02_GNYA1SO04IOB14	10.03038781	-0.560977534	-0.099217524	-0.161544062	-0.109958799	0.116069662	0.222121471	3.41E-05	0.001004591
YGL02.290.C2	10.01893186	-0.561051309	0.067561899	-0.313220695	0.043568631	0.037628619	0.291519517	0.000143278	0.002721747
YGL02.8170.C1	6.898079978	-0.56111591	-0.152073512	-0.572795711	0.050294281	-0.054603879	1.135481233	0.003155469	0.024305637
YGL02.18682.C1	7.673637319	-0.561299476	0.038834283	-0.490757185	0.138997518	0.359099373	0.447555148	0.001400396	0.013602816
YGL02.33.C2	6.083699673	-0.561305232	0.240942277	-0.307876939	0.439684133	0.212869402	0.085315393	0.005011493	0.033958314
YGL02.7081.C1	6.511680431	-0.561464789	0.076620497	-0.29646485	-0.163680057	-0.506936264	0.06281062	0.00256037	0.020924039
YGL02.1399.C4	15.98405485	-0.561492765	-0.056287223	-0.327110031	0.216822752	-0.003720399	0.402347437	5.65E-05	0.001417463
YGL02.8539.C1	8.349876679	-0.561497855	0.001348384	-0.657925259	-0.050600021	0.035925116	0.525116823	0.000182126	0.003208074
YGL02.12409.C1	8.572420479	-0.561509576	0.229625515	-0.277896054	-0.147904422	0.068191217	0.673414312	0.001756075	0.016016891
YGL02_GNYA1SO04J0NF0	7.906797129	-0.56157503	-0.060911016	-0.077089866	-0.224489119	0.117433606	0.690672295	0.001387156	0.013512222
YGL02_GNYA1SO04JYKJU	9.702767637	-0.56168313	-0.226317386	-0.482839792	-0.21504579	0.116986724	0.188040639	0.000121444	0.002425849
YGL02.6397.C1	7.923071674	-0.561684912	-0.040587397	-0.098301428	0.207703027	-0.019229362	0.499983487	0.000128782	0.002524516
YGL02_GNYA1SO04H9DLF	9.458103522	-0.561749844	-0.126758308	-0.270264595	0.572365963	0.031082631	0.197097944	8.45E-05	0.00188614
YGL02.5640.C1	9.291657736	-0.561857742	-0.159715802	-0.311746179	0.096693282	0.277291176	0.321721731	8.62E-05	0.001910155
YGL02.6937.C1	9.414918158	-0.561893189	0.1091655	0.633749818	-0.187203283	0.0988671	0.366636653	0.008308174	0.048759835
YGL02_GNYA1SO04H03MN	7.816923969	-0.562069846	-0.178123624	-0.37248938	0.539439222	-0.083379787	-0.019266625	0.000207079	0.00350998
YGL02_GNYA1SO04JM1MW	7.549570448	-0.562176151	-0.162687351	-0.215072453	-0.266824209	0.209268682	0.405020402	0.002065449	0.017935434
YGL02.8424.C1	6.843859789	-0.562350847	0.113312555	-0.078369223	-0.491070983	-0.115250246	0.045896838	0.001077672	0.011293146
YGL02_GNYA1SO04JW9DJ	9.263098718	-0.562403456	0.202362326	0.20429845	0.579384408	-0.143756827	0.071943839	0.000699441	0.008310496
YGL02.522.C1	7.643583073	-0.562708931	-0.575697547	-1.082947712	0.088104712	0.515044165	0.667094545	0.003717784	0.027300537
YGL02.19548.C1	8.684826608	-0.562715807	-0.042581003	-0.401747192	0.017616322	0.194135453	0.261024221	0.000284278	0.004406857
YGL02_GNYA1SO04IRTNC	6.545471452	-0.563141645	0.399892022	-0.06358516	0.883822184	-0.236933075	-0.185017347	0.006646327	0.041562914
YGL02_GNYA1SO04IQF3L	7.187470534	-0.563142795	-0.291545838	-0.119198827	-0.148660891	0.121844067	0.29226415	0.001628083	0.015167856
YGL02.389.C1	10.18608523	-0.563371465	0.446175772	-0.330408199	-0.368037888	0.242484923	0.552710506	0.000747139	0.008720859
YGL02.7039.C2	8.39965875	-0.563372317	0.038497322	-0.555848555	-0.487726104	0.388764624	0.79274441	0.006058109	0.038923934
YGL02_GNYA1SO04JRAXH	6.710615256	-0.563442558	0.12132819	-0.431459385	-0.321481816	0.012323146	0.792502885	0.001080752	0.011314069
YGL02.22207.C1	6.688512521	-0.563548268	-0.056079415	0.058144848	-0.527667074	0.482276237	0.350182444	0.000950587	0.010351456
YGL02_GNYA1SO04I5LD6	10.62450027	-0.563698886	-0.373934891	-0.964662016	0.177306753	0.07836031	0.252147544	0.000240756	0.0039089
YGL02_GNYA1SO04I1FKX	7.809218493	-0.563848569	0.153897156	-0.189506194	0.216046505	-0.100361278	0.577010943	0.000616419	0.007581433
YGL02.17198.C1	7.28043542	-0.563860467	0.034877503	-0.210548888	-0.016652276	-0.091293448	0.538625344	0.000124003	0.002463764
YGL02.12236.C1	10.24753489	-0.563914275	0.028161193	-0.465306444	-0.105525109	0.045624545	0.496534059	5.67E-05	0.001420455
YGL02_GNYA1SO04JRD7V	13.26346084	-0.563978427	-0.302237851	-0.536701984	0.339395974	0.187512481	0.494328689	1.70E-05	0.000618235
YGL02.87.C1	10.26658748	-0.564023845	0.00299433	-0.375929323	-0.071867784	0.146487365	0.384355107	3.75E-05	0.001076518
YGL02_GNYA1SO04H2JIF	8.454333423	-0.5641331	0.573538285	0.445130986	0.132057085	0.186083196	0.410985015	0.000973473	0.010511351
YGL02_GNYA1SO04JD10H	7.745690255	-0.564204663	-0.143115291	-0.164001593	-0.064742643	0.188896638	0.569529857	0.00089269	0.009895683
YGL02_GNYA1SO04JF7ZK	8.394727268	-0.564225431	1.267646683	0.317836934	-0.927115028	-0.398257865	0.063027371	0.002949758	0.02314092
YGL02.8287.C1	8.307481394	-0.564459673	-0.632697999	-0.574798475	0.809828611	0.212968776	0.4600672	0.000181964	0.003205984
YGL02.17015.C1	9.702203331	-0.564521125	0.090010127	-0.165124773	-0.203081675	0.16599359	0.233910073	3.78E-05	0.001080007
YGL02_GNYA1SO04I94YO	10.22902151	-0.564671591	-0.065138985	-0.252782871	0.268107423	0.083991175	0.092054436	0.004979489	0.033790965
YGL02_GNYA1SO04I189T	7.902088964	-0.564843521	0.333786183	-0.359833837	0.17486048	0.358819822	0.336734078	9.58E-05	0.002061841
YGL02.373.C2	10.48999264	-0.565035752	0.08903233	-0.113528211	-0.185418172	0.017466408	0.098965542	9.00E-06	0.000405744
YGL02.6123.C1	8.59481302	-0.565194859	-0.116433078	-0.061033626	-0.000753776	0.106368749	0.305512095	0.000200928	0.003442672
YGL02.589.C1	9.834205233	-0.565321892	-0.315646699	-0.617029276	0.084146061	-0.17470401	-0.102305232	0.001089965	0.011374655
YGL02.20357.C1	8.474540011	-0.565446105	0.086552213	-0.089433141	-0.313373785	0.071629243	0.375808216	6.97E-05	0.001641893
YGL02.14949.C1	3.567599426	-0.565582986	-0.584143646	-0.643944563	-0.1473782	0.491829904	0.684774486	0.003319335	0.025190121
YGL02.30.C6	9.069379574	-0.565666575	0.223930603	-0.82821102	-0.037638751	0.079195163	0.032846301	0.000276418	0.004316878
YGL02_GNYA1SO04JC9FN	14.74081007	-0.566005018	0.083111808	-0.13040507	0.303872314	0.370014321	0.916563822	0.008236187	0.048483032
YGL02.435.C1	11.84668085	-0.566184491	-0.119235733	-0.475927193	-0.130765058	0.190496759	0.531430352	3.73E-05	0.001071432
YGL02_GNYA1SO04JT2KX	6.274158137	-0.566428065	-0.032904398	-0.174889765	-0.199495724	0.626011846	0.456987198	0.001183589	0.012073426
YGL02_GNYA1SO04HZ37G	6.630575936	-0.566446761	-0.13654428	-0.285089632	0.696366848	0.23734268	0.131847323	0.00112926	0.011676516
YGL02_GNYA1SO04IKM16	11.07064716	-0.56660402	-0.368855005	-0.358200205	0.208542408	0.019601631	-0.062889053	0.000284864	0.004411531
YGL02_GNYA1SO04IUKWV	11.00849758	-0.566739446	-0.077412134	-0.256559311	-0.442860483	0.071151936	0.577496661	0.003727643	0.027355862
YGL02.9532.C2	9.807296142	-0.566746237	-0.276170537	-0.124462746	-0.028874504	0.070595629	0.148016969	2.64E-05	0.000840399
YGL02_GNYA1SO04H3P4T	6.669103403	-0.566956763	0.129226073	-0.156048619	-0.006644217	0.052730344	-0.140572015	0.008150244	0.048139293
YGL02.11576.C1	9.658241749	-0.567011288	-0.01702968	-0.295119398	-0.099945856	-0.005334609	0.413224194	0.000389891	0.005494615
YGL02.13302.C1	7.048794868	-0.567082883	1.082650187	0.397842806	-0.549731915	0.567871902	0.67342959	0.000391624	0.005512438
YGL02.6285.C1	7.321665889	-0.567118041	-0.31919408	-0.380930694	0.427923985	-0.083117249	0.092322199	0.001841742	0.016564668
YGL02_GNYA1SO04IC9DV	9.880971614	-0.567136296	-0.260523181	-0.403979511	-0.049518676	0.174600732	0.272723483	0.000364578	0.005241126
YGL02_GNYA1SO04JXV6R	7.367829856	-0.567203444	0.289907865	-0.25610041	0.015618581	0.148122082	0.292174893	0.008416323	0.049218022
YGL02.12450.C1	9.760433159	-0.567255929	-0.231274861	-0.38945849	0.027919332	0.323597962	0.377252542	0.000483277	0.006375861
YGL02_GNYA1SO04H7XAU	7.561758661	-0.567273374	-0.072692723	-0.470005227	0.026724852	-0.11745869	0.375887839	0.005065529	0.034216742
YGL02.4242.C3	10.82557874	-0.567417376	-0.310443485	-1.249766111	0.511901001	0.147293175	0.039118002	0.003568836	0.026536318
YGL02_GNYA1SO04H75R5	8.316217967	-0.56752179	-0.107468137	-0.46160002	0.132777628	0.125156392	0.729249057	0.001295773	0.012868684
YGL02.21882.C1	6.789944564	-0.567555336	0.271100507	-0.388638715	0.016462148	-0.133012546	0.127235813	0.007153116	0.043851364
YGL02_GNYA1SO04JIJKI	10.16317801	-0.567727134	0.034022154	-0.173933945	-0.202476429	0.007577675	0.477327085	8.97E-05	0.001968487
YGL02_GNYA1SO04IG5N4	10.28173172	-0.567759767	0.159643063	-0.124201909	0.041460746	0.065648812	0.190932723	0.001470135	0.01410008
YGL02_GNYA1SO04I7XDJ	7.657933669	-0.567824793	0.016751071	-0.188864639	-0.391981799	0.276858324	-0.084580286	0.003402897	0.025629156

YGL02.3953.C1	3.883655764	-0.567847845	-0.79398292	-0.756753765	-0.24102183	0.504806559	0.563467944	0.002192619	0.018733215
YGL02.1148.C2	10.19879478	-0.567890632	0.044833578	-0.110115476	0.057002618	0.104895265	0.359639475	8.52E-06	0.000391772
YGL02.8069.C1	8.600802491	-0.567891063	-0.121710753	-0.216716065	-0.246934188	0.10315886	0.235089461	0.000274235	0.004292617
YGL02.16999.C1	5.589355598	-0.567997438	-0.328387427	-0.323141137	-0.016944566	0.171830001	0.290954726	0.000431721	0.00588727
YGL02_GNYA1SO04H5BEJ	7.009411698	-0.568037171	-0.048943915	-0.666884602	0.192339721	0.257337655	0.450241271	0.003503028	0.026174746
YGL02_GNYA1SO04IVVXZ	9.243211806	-0.568086648	-0.36051059	-0.445919037	-0.074652213	0.167034696	0.580194766	0.000830013	0.009401282
YGL02.5565.C1	9.57304898	-0.568095261	-0.391546393	-0.193276485	-0.08535337	-0.105473062	0.171012552	0.000466602	0.006220289
YGL02.9681.C1	9.016416188	-0.568199697	-0.214169113	-0.967826028	-0.078175523	0.083199808	0.693885222	0.00025123	0.004026954
YGL02.19319.C1	7.634200768	-0.568269638	0.047818843	-0.078968391	0.588501029	-0.0073312	-0.113286541	0.001324567	0.013070835
YGL02.6979.C1	8.284540603	-0.568309114	-0.107791295	-0.040369335	0.04835752	0.257923089	0.349305251	0.006303247	0.040010489
YGL02.16421.C1	9.43972842	-0.56833813	-0.264482385	-0.652933195	0.074710259	-0.077761205	0.27856516	0.002767452	0.022148197
YGL02.13877.C1	7.281002275	-0.568379845	0.053861404	-0.382199667	0.181167418	0.197964761	0.505794888	0.004111179	0.029382896
YGL02.8299.C1	8.182925352	-0.568465097	-0.05163223	-0.237460565	-0.104597178	0.431894193	0.870913083	0.000875933	0.009758381
YGL02.6175.C2	8.587965339	-0.568474642	-0.228945179	-0.36579162	-0.175530021	0.525913938	0.454906872	0.000453452	0.006095215
YGL02_GNYA1SO04JBGG4	7.841507244	-0.568967952	-0.183073081	-0.340174428	0.086058105	0.173602135	0.438856808	0.003644142	0.026919097
YGL02.13230.C1	8.337191298	-0.569261732	0.038337183	-0.101145404	0.049979223	0.043868933	0.362305763	0.004101611	0.029332197
YGL02.3842.C2	11.2846749	-0.569331955	-0.405303424	-0.538823928	0.03271903	0.240894116	0.640966114	0.000255023	0.004070116
YGL02.5444.C1	10.52200224	-0.569367682	-0.136727985	0.010021187	0.476304522	0.047207044	0.102027225	6.01E-05	0.001477337
YGL02.9646.C1	5.939419398	-0.569429512	1.196801663	0.628512322	0.143285319	-0.558008731	-0.427605303	0.004970197	0.033753439
YGL02.10264.C2	8.176716876	-0.569506636	0.203069056	-0.078980434	-0.161953759	-0.061121225	0.343529628	0.000771692	0.008924933
YGL02_GNYA1SO04I3QTT	9.143849742	-0.569881985	0.263644794	-0.324744186	-0.261376302	0.290969413	0.352487876	5.01E-05	0.001304869
YGL02_GNYA1SO04JB1EG	10.98082651	-0.570036333	-0.001714403	-0.281144389	1.007561308	-0.065875297	-0.051142948	0.00220356	0.018796133
YGL02.10888.C1	7.660533525	-0.570319704	0.069831342	-0.156378572	-0.003861712	0.191521005	0.573852863	0.003109028	0.024055229
YGL02.3443.C1	6.455996402	-0.570368058	-0.080111177	-0.279400723	-0.066151896	0.142308705	0.269068898	0.005384313	0.035756757
YGL02.8116.C1	9.125841652	-0.570610915	0.094558777	-0.354819391	-0.350017065	0.089827574	0.360376475	1.11E-05	0.000465828
YGL02_GNYA1SO04JPK0X	7.621185818	-0.570643929	-0.202265823	-0.013971696	0.091079901	0.411078433	0.373139197	0.007862522	0.046935854
YGL02.12677.C1	10.09779174	-0.570675894	-0.342383644	-0.742604943	0.054700787	-0.08998993	-0.017891025	0.004147482	0.029571791
YGL02.11362.C1	7.687109763	-0.570720528	-0.202262152	-0.358805529	-0.165339308	0.350436656	0.6529758	0.000185281	0.003247637
YGL02_GNYA1SO04I9K3V	9.468588852	-0.570729311	-0.323257694	-0.584262908	-0.226816976	0.453222618	0.745016243	0.000432809	0.005897283
YGL02_GNYA1SO04JBLXK	8.407734777	-0.570809666	-0.0757222205	-0.345603048	0.110577076	0.257980828	0.079712147	0.002299259	0.01938708
YGL02.9445.C2	8.625153837	-0.570825724	-0.621560804	-0.769716136	-0.359799891	0.214095493	0.620580899	0.000433029	0.005899045
YGL02.2936.C4	12.05443539	-0.570886568	0.428670319	0.414079666	-0.3632712	0.195309638	0.252129528	0.000125279	0.002476905
YGL02.11431.C1	9.358079806	-0.571140053	-0.354415881	-0.390917692	-0.126829345	0.154901232	0.526667437	0.000505176	0.006564239
YGL02_GNYA1SO04IDV39	9.853944906	-0.571261069	0.025124506	-0.302089463	-0.050191532	0.114669169	0.295980818	0.000309541	0.004681722
YGL02.11102.C1	8.702301699	-0.571352684	0.074784311	-0.138519575	-0.242740722	0.198255937	0.422865926	0.00053298	0.006833278
YGL02_GNYA1SO04JZQJW	7.283628041	-0.571408902	-0.137322313	-0.334168895	0.439379412	0.219969958	0.359280981	0.004020714	0.028910257
YGL02_GNYA1SO04I8P8Z	7.785495492	-0.57164593	-0.032157367	-0.367397595	0.084397454	0.063545051	0.492432793	5.94E-05	0.001466453
YGL02.12818.C2	10.32373512	-0.571981123	-0.045868882	-0.005261534	-0.273247844	0.073897763	0.123857985	0.000516217	0.006676213
YGL02_GNYA1SO04IIRFS	8.726607049	-0.572109116	0.258981526	-0.031462548	-0.286488845	0.423963049	0.569042895	0.006413259	0.040522229
YGL02_GNYA1SO04JF0QF	8.739437342	-0.572497754	-0.149030367	-0.37898333	-0.465908608	0.246759673	0.260845113	0.007584615	0.045740068
YGL02_GNYA1SO04IOEGO	5.919801517	-0.57251013	-0.250451278	-0.456965489	-0.3328974	-0.025765531	0.803968486	0.00452893	0.031502742
YGL02.5801.C1	11.89922155	-0.572785655	-0.272442856	-0.420830584	-0.190369503	0.163579144	0.50151525	0.000435043	0.005917145
YGL02_GNYA1SO04JY13X	8.155724054	-0.572977203	-0.17690598	-0.395907846	0.761132829	0.290268326	0.256048912	0.000198778	0.003416772
YGL02.4722.C3	7.307049298	-0.573008005	-0.134592998	-0.878073502	0.197718973	0.117134358	0.672560206	0.000103531	0.002172938
YGL02_GNYA1SO04IANA3	10.71114907	-0.573356239	-0.127544713	-0.577540892	-0.429083133	0.161714218	0.322522373	0.002767695	0.02214844
YGL02.19314.C1	5.34603902	-0.573446354	-0.13310342	-0.28211271	0.125177117	0.316064897	0.445872133	0.001128519	0.011672973
YGL02_GNYA1SO04H93CX	8.799433672	-0.57349653	0.021288737	-0.223954627	0.315719996	0.079435629	0.312983204	0.000406932	0.005660239
YGL02.2944.C1	6.930888783	-0.573717194	-0.063667468	0.143109928	0.652529761	-0.075392266	0.228021852	0.003634833	0.02686967
YGL02.17470.C1	4.108424117	-0.573855166	-0.228628348	-0.269798334	0.80730574	0.192855221	-0.17636984	0.002960748	0.023197494
YGL02.3120.C1	7.277871552	-0.573922297	0.24408745	-0.378251441	-0.090374196	0.090829315	0.647114137	0.005875586	0.038085669
YGL02_GNYA1SO04JMTX1	8.074926549	-0.573922579	-0.085785092	-0.534668854	-0.290614925	0.217266532	0.47015088	0.004713089	0.032464205
YGL02_GNYA1SO04JTHXX	8.076865895	-0.573985292	0.121909064	-0.416073681	-0.420352108	0.116252674	0.50060309	0.000411884	0.005710103
YGL02.5129.C1	10.48781776	-0.574245439	-0.304121722	-0.218300525	0.071629525	0.121912074	0.249013556	0.000165726	0.003004077
YGL02.8266.C2	8.24078242	-0.574470879	-0.06936691	-0.275127956	0.763191189	0.031586774	0.168953306	0.001437104	0.013870599
YGL02.11028.C1	6.790557396	-0.574486891	-0.045056124	-0.164402763	0.357402925	-0.08588298	0.038434107	0.00092588	0.010156663
YGL02.12020.C2	9.217614853	-0.574571277	-0.172953717	-0.519466586	0.064046033	0.242651211	0.560177889	0.000334829	0.004940703
YGL02_GNYA1SO04IFGIS	9.208845413	-0.574888485	0.147547045	-0.287235863	-0.001604368	-0.004930241	0.507063995	8.23E-05	0.001853041
YGL02.9631.C1	8.535734378	-0.574903268	-0.545586869	-0.780210472	-0.05338304	0.027252089	0.401231443	0.000114664	0.002330304
YGL02_GNYA1SO04IHG2K	10.28381795	-0.575167417	-0.101854287	-0.78321667	-0.266302663	0.164687291	0.380829923	0.002526578	0.020734964
YGL02_GNYA1SO04JSJFD	10.64298886	-0.575191632	0.282527282	-0.312025128	-0.070273009	-0.020353459	0.413244038	0.001418449	0.01373662
YGL02.849.C18	6.816098738	-0.575201217	-0.302456593	-0.321138827	0.114179925	-0.167086745	0.187521858	0.004497364	0.031340409
YGL02_GNYA1SO04IZZGE	8.621309243	-0.575223544	-0.22594026	-0.533262445	-0.187591823	-0.127282942	0.384608549	0.004099288	0.02932221
YGL02.1632.C1	7.234624449	-0.575280099	-0.045665875	-3.84129779	-0.354978053	0.294075455	0.353306877	0.000679929	0.008143665
YGL02_GNYA1SO04JXMFH	10.51779733	-0.575455822	-0.206297458	-0.675553433	-0.257721042	0.212530928	0.402837511	0.000652736	0.007906452
YGL02_GNYA1SO04JJEA7	8.669095725	-0.575581977	-0.072930205	-0.182944229	0.741676969	-0.054571887	0.168871369	0.000177791	0.003153825
YGL02_GNYA1SO04JGXZT	8.22595792	-0.575630206	-0.429625132	-0.414058521	-0.476389101	0.163754526	0.222990382	7.98E-05	0.001808858
YGL02.1595.C1	8.535734864	-0.575657018	-0.050137601	-0.205159728	0.048728604	0.166459347	0.423374726	0.00029405	0.004513316
YGL02_GNYA1SO04JJYLT	13.27404769	-0.575817687	-0.274405586	-0.327650609	1.020981721	0.027969232	-0.092994936	0.007132803	0.043749465
YGL02.19615.C1	7.764547708	-0.576099801	-0.270042749	-0.355695392	-0.030999967	0.42180072	0.83072233	0.002622578	0.021280657
YGL02.21099.C1	8.895630175	-0.57627787	0.027853967	-0.306865085	0.249208626	0.163467482	0.169674022	6.14E-05	0.001497959
YGL02.1268.C2	8.022225165	-0.576369427	0.35324234	-0.614278723	-0.046326287	0.095857217	0.363858441	0.000296176	0.004534662
YGL02.21165.C1	6.038593455	-0.576508506	-0.348423838	-0.231433138	0.28051154	0.795534688	0.626848962	0.005797849	0.037732876
YGL02.7708.C1	13.48640629	-0.57656701	0.05613003	-0.207162432	-0.134138494	0.120713055	0.327165124	0.000318632	0.004774599
YGL02.22069.C1	5.840057213	-0.576626941	-0.744425162	-0.124673442	0.198338669	0.820745521	0.07211117	0.008003497	0.047527648
YGL02.12330.C1	7.079998326	-0.576663383	-0.145039908	-0.271428544	-0.141352692	0.081934556	0.541943711	0.003701199	0.027211151
YGL02_GNYA1SO04H13WJ	13.26228536	-0.57673345	0.177273789	-0.101742134	-0.26753162	-0.1285256	0.260871506	6.79E-05	0.001610438
YGL02.6219.C1	8.742777495	-0.576857228	-0.26334926	-0.142227125	0.170869981	0.248035633	0.482328904	0.001602983	0.014994419
YGL02_GNYA1SO04I2Q1J	6.942163394	-0.577407443	0.013928731	-0.483913858	0.551282425	-0.125585819	0.130310711	0.000297343	0.004548769
YGL02_GNYA1SO04JEBMC	11.72152006	-0.577535199	-0.042410827	-0.297389898	1.009584999	-0.119924395	-0.104198376	0.001771899	0.016116952
YGL02.16920.C1	11.61258961	-0.577759665	0.002655199	-0.085696696	-0.052648843	-0.096959246	0.105528526	9.24E-05	0.002011464
YGL02_GNYA1SO04JGGQH	7.411680539	-0.577885351	0.070560918	-0.279187615	-0.011883339	-0.096746645	0.358388624	0.000850649	0.009562254
YGL02_GNYA1SO04IA2IG	8.573237984	-0.578066716	-0.101541522	-0.023758733	0.027057402	0.212834054	0.275314474	3.36E-05	0.00099501
YGL02_GNYA1SO04IK5YV	9.677930639	-0.578101376	0.023052243	-0.13610673	-0.033656537	0.092831591	0.325707305	0.00019827	0.003410559
YGL02.11821.C1	8.067725267	-0.578136559	-0.493072885	-0.544055252	-0.017223914	0.496960259	0.670362997	0.000827012	0.009375133
YGL02.2818.C26	7.034603036	-0.578288386	0.108408264	-0.011565991	0.137103605	0.205265587	0.392210172	0.000547602	0.006971123
YGL02.13289.C1	7.451004531	-0.57838574	0.111748496	0.070299874	-0.143582463	0.07600707	0.292060066	0.00265813	0.021497753
YGL02.10396.C1	8.251127158	-0.579279387	-0.480584852	-0.439992581	-0.12003241	0.178666062	0.241321985	0.004166544	0.029673784
YGL02.9548.C1	10.579947	-0.57932192	-0.080935136	-0.357135631	-0.564882158	0.124077071	0.498315507	0.001079153	0.011304461
YGL02_GNYA1SO04JO7BX	9.534673602	-0.579358826	-0.078682014	-0.251780188	-0.208775224	0.235569852	0.588763489	0.004050688	0.029070894
YGL02.21196.C1	6.919559257	-0.579535515	-0.101124327	-0.029361169	0.42681793	0.38118955	0.194589954	0.000135677	0.002621577

YGL02.8552.C1	8.303046695	-0.579546949	0.13053295	0.057459883	-0.160582301	0.056500622	0.14656275	0.000743626	0.008692104
YGL02_GNYA1SO04JUVH1	7.121465704	-0.579669517	0.156094907	-0.256450957	-0.007169328	0.060710869	0.610258176	0.002588479	0.02108456
YGL02_GNYA1SO04I1HLU	8.943099041	-0.579970815	-0.1437333	0.043890606	0.408166165	0.164007428	-0.067427544	0.000337805	0.004971029
YGL02.19754.C1	5.207437551	-0.58004014	0.203712868	0.020198525	-0.130476023	0.042672832	0.087884256	0.00457601	0.031736464
YGL02.311.C3	9.879704621	-0.580044141	-0.009860599	-0.00302133	-0.114735333	0.150205204	-0.065845497	0.000398952	0.005582817
YGL02_GNYA1SO04IRBU7	8.812851887	-0.580300932	0.042880185	-0.048954601	0.091055224	0.135559485	0.247874062	0.001425211	0.013786636
YGL02_GNYA1SO04H7DHM	7.93460333	-0.580319669	0.689838731	0.405319721	0.275557187	0.403323192	0.546482467	0.00104616	0.011066202
YGL02_GNYA1SO04ISYTF	8.893053287	-0.580321371	-0.291421363	-0.32241207	-0.290555048	0.549560151	0.601254258	0.000240553	0.003907078
YGL02.9558.C1	10.79539491	-0.580362776	0.359111921	0.208453234	0.042809445	0.084163976	0.443418107	0.002161214	0.01853215
YGL02_GNYA1SO04IBB12	10.69354414	-0.580374213	-0.104387223	-0.453049078	-0.076762916	0.224533531	0.478626991	0.000795478	0.009116166
YGL02_GNYA1SO04JXCCM	8.211809201	-0.580437867	0.028262458	-0.757045279	0.110237079	0.289492714	0.440850418	0.000113014	0.00230837
YGL02_GNYA1SO04JEITY	7.892686752	-0.580542069	-0.024651058	-0.362720023	-0.535632557	0.096833034	0.337843758	0.001834032	0.016512767
YGL02_GNYA1SO04IQKBV	8.086273753	-0.580593366	0.116526446	-0.223497744	-0.3458494	0.125533808	0.019613907	0.004353136	0.030618737
YGL02.4507.C1	11.43652433	-0.580666635	-0.207759894	-0.364744534	-0.281176864	0.191800456	0.536837232	1.20E-05	0.000486474
YGL02.13503.C1	7.645023823	-0.580671572	-0.217005848	-0.220148679	-0.018643676	0.252713815	0.212582432	0.001160117	0.011896384
YGL02.1670.C1	10.62849377	-0.58093737	-0.210763741	-0.893221153	-0.281896211	0.057943835	0.611088782	5.46E-05	0.001384201
YGL02_GNYA1SO04IRQ95	8.869503657	-0.581081556	-0.340411157	-0.522572668	-0.230946001	0.236269768	0.257590796	0.002605953	0.021193568
YGL02.21747.C1	8.515335142	-0.581244885	-0.057451019	-0.087725466	0.297920866	0.193914981	-0.009145357	9.87E-05	0.002104214
YGL02.12164.C1	9.445216681	-0.58129479	0.1942468	-0.207957912	-0.104460364	0.136359283	0.567840457	7.48E-05	0.001727426
YGL02.4241.C2	9.978979153	-0.581421152	-0.0382882	-0.343379473	-0.413465281	0.170431285	0.356778042	0.000124381	0.002468515
YGL02_GNYA1SO04JGHXR	8.96181436	-0.581475831	-0.332636714	-0.376006121	0.319474291	0.231958231	0.209376592	0.001378723	0.01345149
YGL02_GNYA1SO04IT6QE	7.230103884	-0.581502756	-0.675980662	-0.735677996	-0.321963696	0.742124501	0.637380144	0.000334001	0.004932853
YGL02_GNYA1SO04I7ST4	9.748759431	-0.581661027	0.373198857	0.435961654	-0.081825791	0.00577916	0.38755916	0.002284496	0.019290939
YGL02_GNYA1SO04IWONM	10.8898439	-0.581822569	0.046182029	-0.281212045	-0.261594494	0.080868106	0.327742419	0.00039006	0.005495198
YGL02_GNYA1SO04H54M0	7.151142543	-0.582056288	-0.071663541	0.006748808	0.26323246	0.30961575	0.036552359	0.001735828	0.015881911
YGL02_GNYA1SO04ITDIH	5.723700185	-0.582099997	-0.578276509	-0.335323046	0.706305204	-0.074522718	-0.114950413	0.000807664	0.009223164
YGL02.4074.C3	7.689473323	-0.58222821	0.2727188	-0.200500298	-0.246818749	-0.229978317	0.175727338	0.000131051	0.002557766
YGL02_GNYA1SO04H7K5K	7.886789695	-0.582300602	-0.45315356	0.03869727	-0.192677781	0.222811236	0.227230047	0.000352319	0.005118302
YGL02_GNYA1SO04JV7BT	9.825757472	-0.582357336	-0.194504658	-0.448056332	0.927886271	0.112497447	-0.065837662	0.001587939	0.014896745
YGL02.13189.C1	10.51031573	-0.582390134	-0.086928941	0.216692573	-0.051335037	0.551007268	0.490156237	0.005017138	0.033991232
YGL02_GNYA1SO04I71NL	9.89306562	-0.582553521	-0.194302071	-0.308740314	0.131997137	0.143774009	0.535794481	0.000250702	0.004020974
YGL02_GNYA1SO04IU8VQ	9.016473543	-0.58268928	0.245010083	-0.497713554	-0.556540295	0.148488212	0.52225709	0.002083748	0.018050763
YGL02.2621.C2	9.006197743	-0.582812349	0.077379652	-0.018771344	-0.250288697	0.232057972	0.462683489	4.92E-05	0.001287536
YGL02.3643.C2	8.251032326	-0.582874984	-0.031781995	0.094746456	0.137902607	0.217768277	0.455857451	0.000179324	0.003171121
YGL02_GNYA1SO04JPTLB	6.214602625	-0.58292156	-0.425142705	-0.29794626	0.261621938	0.590897863	0.706681198	0.00646572	0.040757786
YGL02.5477.C3	7.887595591	-0.583079343	-0.132528187	-0.010718945	-0.242963797	0.240362963	0.407368258	0.001137055	0.011731827
YGL02_GNYA1SO04IY13H	6.192212376	-0.583161773	-0.187233581	-0.034633965	0.818762421	0.069831953	0.287065661	0.008511997	0.049625651
YGL02_GNYA1SO04I48ZL	7.016215556	-0.583283786	-0.045935736	-0.040173302	-0.357874152	0.454381284	0.710706187	3.91E-05	0.001104496
YGL02.11875.C1	9.319554577	-0.583358848	0.061399438	0.08458824	-0.205340399	0.01805412	-0.049480401	8.87E-05	0.00195288
YGL02_GNYA1SO04JM0U7	9.681248504	-0.58337688	0.065108647	0.120322032	-0.088698185	0.049365762	-0.001118739	1.13E-05	0.000469474
YGL02.11619.C1	6.477365855	-0.583499003	0.219793093	0.432028455	0.341614861	-0.151241755	0.292959449	0.001119743	0.011603124
YGL02.3473.C4	6.466094327	-0.583579229	0.075244716	0.046513963	0.66633033	0.232822676	0.514189117	0.003923843	0.028377588
YGL02.19536.C1	8.597974295	-0.583817482	-0.167592353	-0.403332784	-0.482803736	0.101090445	0.31235954	0.001999826	0.017550364
YGL02_GNYA1SO04JK2LK	10.54884343	-0.58397878	-0.076979935	-0.325946707	1.069154622	-0.028803779	-0.025030729	0.003474416	0.026014664
YGL02.13116.C1	9.374232995	-0.584668365	0.53575185	-0.407070093	-0.06165678	0.116132461	0.353832054	0.000138215	0.002652415
YGL02.8805.C1	10.33260362	-0.584687867	-0.180267393	-1.015836165	-0.030976097	-0.020323776	-0.146831575	0.001735239	0.015879421
YGL02_GNYA1SO04IR6UU	8.788884648	-0.58469365	-0.540030564	0.659753623	-0.041995619	0.25726944	-0.040585274	0.002791967	0.022287854
YGL02.21373.C1	8.926290814	-0.584965391	0.183644419	-0.283751771	-0.284746426	0.106111079	0.497146092	0.000305017	0.004636578
YGL02_GNYA1SO04I07E4	8.130450791	-0.585026188	-0.056582538	-0.370205621	-0.166774435	0.577973559	0.494950316	0.000685108	0.008191301
YGL02_GNYA1SO04I021D	8.288011938	-0.585063643	0.181690972	-0.134968789	0.090119179	0.035657628	0.340851658	0.000315943	0.004750468
YGL02_GNYA1SO04JJW10	9.433963081	-0.585084768	-0.118070521	-0.174957464	-0.138740743	-0.053010548	0.256817654	6.62E-05	0.001579945
YGL02.17657.C1	7.486215286	-0.585132038	-0.40857106	-0.79208459	0.022826987	0.224544225	0.540043059	0.001665357	0.015405393
YGL02.19787.C1	9.138499107	-0.585139913	-0.324891817	-0.352853706	-0.18918797	0.097097197	0.344395204	0.000110737	0.002279111
YGL02_GNYA1SO04I6TL4	7.78130351	-0.585254513	-0.10175819	-0.250265322	0.544488314	0.278815307	0.312300358	0.00666174	0.041625131
YGL02.12250.C1	6.643348988	-0.585277867	0.050205724	-0.450288045	-0.040919199	0.264049192	1.017168884	0.007784609	0.046621185
YGL02.171.C1	10.64234764	-0.585342303	-0.138008651	-0.203700101	-0.038123999	-0.049135868	0.076432747	0.000160041	0.002933058
YGL02.8266.C5	6.693427146	-0.585367049	0.453464205	-0.11695296	0.069255261	0.171831589	0.340803273	0.000854563	0.009594664
YGL02.8137.C2	8.200913773	-0.585598545	-0.049379594	-0.331626444	-0.050771609	0.126192529	0.406759195	0.002243216	0.019037394
YGL02_GNYA1SO04IAJAM	7.585686977	-0.585720405	-0.358038772	-0.325931603	0.001536536	0.578781067	0.475039022	0.002005226	0.017575118
YGL02_GNYA1SO04JHF8J	8.592211474	-0.58572347	-0.001498174	-0.085194055	0.04299632	-0.350213762	-0.32771249	0.004005131	0.028815807
YGL02.20535.C2	7.177290637	-0.585779024	-0.064741787	-0.787928336	-0.189091721	0.171933362	0.622941996	0.000731213	0.008592608
YGL02.1140.C1	8.23580336	-0.585862311	0.099509163	-0.234198379	-0.155086281	0.204920789	0.197015322	0.000226763	0.00374749
YGL02_GNYA1SO04I39WA	10.69639169	-0.586182166	-0.219024064	-0.429550875	-0.261975956	0.226559932	0.324030772	1.80E-05	0.000642771
YGL02_GNYA1SO04JX14P	7.435295077	-0.58621192	-0.003926283	-0.106838181	-0.218588741	0.583448057	0.306520259	0.002295086	0.01936212
YGL02.9238.C1	6.116214998	-0.586513242	-0.164311792	-0.528275863	-0.023206012	0.505714543	0.936491333	0.002827683	0.022495433
YGL02_GNYA1SO04IXQ3E	9.828168177	-0.586608757	-0.075307369	-0.199460343	-0.337133446	0.193643893	0.364253022	0.001052833	0.01111216
YGL02_GNYA1SO04IXJ0X	10.32169901	-0.586617101	-0.133416908	-0.315070878	0.862685325	-0.029486371	-0.053426532	0.000126322	0.002488803
YGL02_GNYA1SO04ISOPG	8.999535954	-0.586631001	-0.081683162	-0.323022693	-0.033806984	0.432472026	0.64218753	0.00010039	0.002130503
YGL02.14267.C1	8.043989033	-0.586676565	-0.151722831	-0.662207297	-0.272154032	0.362250683	0.516863035	0.001490195	0.014229246
YGL02.114.C2	6.866935174	-0.58677768	0.002639238	-0.12624364	0.307602778	0.112946479	-0.07590271	0.003647119	0.0269263
YGL02.11155.C1	7.891613712	-0.5868408	-0.039079714	-0.519563817	0.231554379	0.349299272	0.583912447	5.82E-05	0.001446893
YGL02_GNYA1SO04IKR4U	8.652274749	-0.586931105	-0.257343045	-0.482048107	0.260161318	0.148577098	0.660916418	0.0002009	0.00344265
YGL02_GNYA1SO04J0CLB	9.511464209	-0.587148731	-0.332039192	-0.379396805	-0.251891573	0.133722415	0.523724985	3.60E-05	0.001045873
YGL02.20918.C1	7.667390263	-0.587248161	0.027373939	-0.387530589	-0.33105623	0.165585487	0.138490929	0.002780818	0.022230379
YGL02_GNYA1SO04IYUJ6	10.0738446	-0.587259355	0.011419331	-0.169650404	0.773305062	0.005752467	0.116399691	0.005024832	0.034024052
YGL02.7035.C1	8.002022643	-0.587324294	0.082055714	-0.190415097	0.176934804	0.091790052	0.545971672	0.002653555	0.021467453
YGL02_GNYA1SO04JKCFB	8.630063082	-0.587356444	-0.177904139	-0.617887977	-0.1843494	0.180525186	0.389804238	0.000979166	0.010558307
YGL02_GNYA1SO04IMKSM	9.454044694	-0.587398422	-0.232911315	-0.378945981	-0.276047019	0.221227657	0.346507925	0.001679428	0.015503442
YGL02_GNYA1SO04IEDZ4	7.485335284	-0.587507624	0.053277415	0.112847499	0.015267333	0.038021799	0.300310085	0.002869765	0.022719237
YGL02.1741.C1	13.20916402	-0.587530277	-0.091211364	-0.21795653	-0.1649732	0.041643983	0.426273747	0.000135713	0.002621895
YGL02_GNYA1SO04JIIWK	10.41498818	-0.587561308	-0.057149698	-0.871756484	0.010514779	0.125151464	0.356809946	0.000128364	0.00251823
YGL02_GNYA1SO04H7DWX	8.886232337	-0.587574674	-0.133639822	-0.104256576	-0.17595788	0.145593243	0.173494248	0.000652586	0.007905378
YGL02_GNYA1SO04IL2BN	9.122137253	-0.587704249	-0.060446749	-0.189083644	0.068744141	0.007356794	-0.222791898	0.005534461	0.036484455
YGL02_GNYA1SO04IRB1Z	8.142850715	-0.587839379	0.070509279	-0.27152528	0.050016835	-0.005667812	0.289574034	0.000148849	0.002795725
YGL02.15915.C1	7.365662684	-0.587923841	-0.169709805	-0.229761028	-0.014813058	0.303257357	0.552287473	0.001260416	0.012619535
YGL02_GNYA1SO04I29MK	7.861865432	-0.587975559	-0.070199063	-0.239445388	0.510347382	0.056534428	0.504694667	0.000528188	0.006788332
YGL02.19667.C1	6.60772759	-0.588218646	0.153760693	-0.274822505	-0.316960779	0.31709095	0.598364989	0.003020338	0.023554785
YGL02.15430.C2	6.6906437	-0.588238994	0.174586656	-0.307031949	-0.057955228	0.421904248	0.082203977	0.007521994	0.045471979
YGL02.6636.C2	8.140412692	-0.588295433	-0.508324701	-0.81736431	0.058113025	0.344300844	0.482721453	0.001055913	0.01113686
YGL02.14646.C1	7.378335569	-0.588457796	-0.253087038	-0.644923907	-0.25287859	-0.048176207	0.788968686	0.000427766	0.005847653

YGL02.2636.C2	10.62095533	-0.58860413	-0.420757991	-0.476657561	0.163555486	0.236075502	0.504119742	0.000305818	0.004643857
YGL02.13274.C4	8.714703173	-0.58864101	-0.116079675	-0.48619169	-0.068300651	0.294859806	0.316039784	0.003523148	0.026279587
YGL02_GNYA1SO04I5E36	9.407355185	-0.58875754	-0.32966385	-0.85891647	0.105115042	0.163158951	0.613856598	0.001452677	0.013981622
YGL02.5407.C1	9.962627252	-0.588770245	-0.176098368	-0.213564356	-0.193216008	0.032688759	0.528099223	0.000318327	0.00477284
YGL02.3055.C1	10.86106757	-0.588937251	-0.085533177	-0.315896785	-0.152146984	0.199629327	0.545342223	0.000122272	0.002437873
YGL02.5708.C2	7.888216601	-0.588938293	0.148944042	-0.077986977	-0.216770458	0.150385686	0.307794956	0.005341892	0.03557264
YGL02_GNYA1SO04I5RPF	9.396066581	-0.588971663	-0.403060273	-0.823335705	-0.126457483	0.264737656	0.831189823	0.000202902	0.003465033
YGL02.6135.C1	8.93028023	-0.588972938	-0.493616784	-0.387562931	0.11233543	0.255572052	0.488255422	0.000136007	0.002623479
YGL02.3085.C1	11.18511437	-0.58922715	-0.018818428	-0.124790943	-0.292149646	0.146716839	0.289187561	0.004369095	0.030695546
YGL02.4423.C1	11.43096376	-0.589229068	-0.136748115	-0.858814459	0.133542687	-0.058898555	0.323141841	0.000357935	0.005175222
YGL02.5584.C3	9.166960096	-0.589250695	-0.60064698	-1.155309492	0.223577121	0.484762102	0.807691464	0.000309291	0.004681104
YGL02.1310.C4	7.389558974	-0.589421279	-0.056213599	-0.322633587	-0.12239386	0.054420548	0.601859965	0.000728943	0.008571372
YGL02.9326.C2	7.04713764	-0.589449342	-0.214382297	-0.308459808	-0.309908472	0.12767831	0.1694213	0.001796137	0.016274544
YGL02.11122.C1	7.857386815	-0.58950342	0.306326376	0.004285036	-0.227199931	0.324683317	0.497018599	0.000372008	0.005314315
YGL02.12178.C1	10.02257192	-0.589719883	0.073355974	-0.428292445	-0.15530975	0.245500524	0.515585753	2.40E-05	0.000786352
YGL02.2041.C1	8.377185614	-0.589772788	-0.145825957	-0.56746897	-0.015178392	-0.102286479	0.615432262	0.00035946	0.005190021
YGL02_GNYA1SO04H9AND	7.084061939	-0.589867028	-0.24239307	0.012842556	0.652594216	0.174556513	0.377071067	0.000283652	0.004400027
YGL02.12768.C1	9.588853273	-0.590043881	-0.029860535	-0.153275713	0.033944719	0.097560192	0.254745099	5.39E-05	0.001370958
YGL02.15640.C1	10.50512119	-0.590356467	0.04450847	-0.082544745	-0.067318326	0.145643507	0.306106955	4.96E-05	0.001297555
YGL02_GNYA1SO04I3KIG	8.613474946	-0.590446291	-0.118446728	-0.183796473	-0.274057168	0.218597482	0.419152716	6.32E-05	0.001529107
YGL02.4053.C2	7.336039258	-0.590470386	0.716867147	0.737445992	0.153530279	0.042565857	0.281709447	0.005226531	0.035013957
YGL02.271.C1	6.007247595	-0.590536455	-0.174814006	0.41789734	0.022264515	-0.036480724	-0.396602254	0.003777499	0.027618446
YGL02_GNYA1SO04INA08	9.325626325	-0.590605731	-0.177261546	-0.718156502	-0.107725871	-0.006519583	0.246437867	0.000557082	0.007058365
YGL02.6936.C1	7.598011876	-0.590656916	-0.042737141	-0.290384907	0.039494224	-0.0082825	0.628279317	0.003950829	0.028518599
YGL02.5757.C1	12.01495668	-0.590775241	-0.000508451	-0.027135697	-0.261741636	0.174797843	0.254839631	0.000664018	0.008001204
YGL02_GNYA1SO04I72IL	11.95309024	-0.590936869	-0.032812087	-0.322108309	-0.140201921	0.319874062	0.848963557	0.000524324	0.006748712
YGL02_GNYA1SO04JO263	9.192216449	-0.59097548	0.013313123	-0.016179872	-0.108617764	0.132612937	0.63138697	0.001568376	0.014774803
YGL02.18162.C1	9.279900193	-0.590996348	-0.064772364	-0.084541831	-0.123506591	0.115711038	0.161670905	3.53E-05	0.001031512
YGL02.5633.C1	7.169470893	-0.591003313	-0.018459267	-0.304404475	-0.26236022	-0.103801353	0.323532465	0.00029498	0.004523304
YGL02.18439.C1	9.105441825	-0.591089034	-0.290483327	-0.929405691	-0.206705598	0.008738227	0.857619929	0.003774613	0.027606691
YGL02.4891.C2	8.323510209	-0.591163402	-0.071089529	-0.485760689	0.118315517	0.06650502	0.443712037	0.000166151	0.00300841
YGL02.2453.C1	8.10370231	-0.591185029	-0.007381717	-0.417163788	0.010504928	0.24439637	0.651655223	0.006589639	0.041304156
YGL02_GNYA1SO04JKWKA	10.12152758	-0.591211446	0.047686947	-0.44292539	-0.048279462	-0.010393476	-0.101389331	5.77E-05	0.001438526
YGL02_GNYA1SO04JCT79	8.585413472	-0.591297735	-0.405610614	-0.693243541	0.265592173	0.369797317	0.437878501	0.004150319	0.02958752
YGL02.17211.C1	7.083367809	-0.591349577	-0.112075471	0.004473863	-0.084770474	0.097967065	0.221512561	0.002568098	0.02096735
YGL02_GNYA1SO04JFHIV	6.758921321	-0.591476587	-0.153841843	-0.623788649	0.193333951	0.371640815	0.672416494	0.002134105	0.018356819
YGL02.5463.C1	9.110570494	-0.591563548	0.001286523	-0.400692153	-0.038000496	-0.010694602	0.48616348	1.35E-05	0.000526261
YGL02_GNYA1SO04IYEHR	10.62953264	-0.591627791	-1.228767948	-0.876879111	-0.195518217	0.526655365	0.568326007	0.000686193	0.008195195
YGL02_GNYA1SO04JF70L	10.31398712	-0.591861182	-0.250555801	-0.614325304	0.114048178	0.444647217	0.759417373	0.000145653	0.002753128
YGL02.16872.C1	6.740799232	-0.591982287	0.006389872	-0.157856531	-0.390024327	0.45615431	0.475392714	0.001577273	0.014834299
YGL02_GNYA1SO04IF4LT	10.28408632	-0.592416107	-0.202522639	-0.461496318	-0.156548872	0.134982808	0.518479039	3.77E-05	0.001078925
YGL02.9978.C1	10.28275861	-0.592504253	-0.735284213	-0.618743684	0.22520242	0.065610734	0.376154133	0.001948562	0.017239501
YGL02_GNYA1SO04IU3B4	10.90227805	-0.59250464	-0.014579119	-0.445708113	-0.013041724	0.294603679	0.489548374	1.25E-05	0.000498134
YGL02_GNYA1SO04I5NJ5	6.608051802	-0.592525161	-0.390165396	0.310410361	0.359548016	0.248871817	0.033810253	0.006875048	0.042545334
YGL02.3854.C2	8.711562793	-0.592655989	-0.164554421	-0.475685103	-0.450763589	0.174872469	0.549237616	0.000115606	0.002342095
YGL02.2990.C1	9.975403985	-0.592678451	0.004280879	-0.042358768	-0.222506846	0.050726364	0.637254194	4.81E-05	0.001270936
YGL02.9973.C1	9.637186422	-0.593058403	-0.438086001	-0.559414919	-0.389271687	0.15343936	0.342882995	0.007822136	0.046784223
YGL02.4331.C1	9.168094468	-0.593149993	-0.266757868	-0.495454679	-0.066912524	0.157768507	0.486040501	9.18E-06	0.000411053
YGL02.2146.C1	7.614623829	-0.593202595	-0.37057701	-0.205393153	0.405799789	0.396993648	0.146564852	0.000479635	0.006339869
YGL02.228.C1	9.613221603	-0.593377493	-0.126314067	-0.588863185	-0.132664215	0.124593128	0.48110626	6.33E-05	0.001530243
YGL02.9100.C1	8.678779207	-0.593394545	-0.175137654	-0.213120474	0.090360554	0.269249859	0.436431629	0.000437472	0.005938323
YGL02_GNYA1SO04IVZA0	9.306516865	-0.59355866	0.109573015	-0.669155905	0.309079522	0.026290879	0.660844358	0.003149354	0.024270083
YGL02_GNYA1SO04JKMZ9	8.440630483	-0.593563092	-0.191794208	-0.744127945	-0.205110924	0.152428153	0.475130149	0.002548247	0.020859196
YGL02_GNYA1SO04IMZVT	9.50490211	-0.593630666	-0.199134225	-0.388069323	0.119948912	0.125697527	0.308307573	0.000115991	0.002348058
YGL02_GNYA1SO04HZ9V1	8.333248702	-0.593834648	-0.052433068	-0.230652463	-0.102356499	0.368928508	0.407205721	0.000325399	0.004842941
YGL02.1662.C1	7.615152086	-0.59384369	0.063853844	0.013653637	0.112014544	0.34392263	0.453211297	0.004238791	0.030029815
YGL02.5365.C1	9.580005144	-0.593983392	-0.003670312	-0.626968077	0.004369378	-0.16566638	0.347691944	1.17E-05	0.000478177
YGL02_GNYA1SO04IYKLH	5.242620974	-0.594194634	0.863181059	1.05852898	-0.421335718	0.63730167	-0.221022271	0.001796894	0.016277985
YGL02.10772.C1	9.008898228	-0.594792662	0.046520471	-0.331613985	0.086084929	0.192075946	0.719747315	0.000489154	0.006426333
YGL02.10930.C1	6.785122356	-0.594851955	1.38956832	0.273107304	-0.397521144	-0.064721657	0.375640134	0.001336675	0.013159227
YGL02_GNYA1SO04JYDDC	7.255769223	-0.594984873	0.166400148	-0.138264926	-0.042658979	-0.073650887	0.128016012	0.003180172	0.024430523
YGL02_GNYA1SO04H9IHY	8.273221239	-0.595001196	-0.746812379	-0.354069037	-0.500423689	0.328042381	-0.100778171	0.007371425	0.044812634
YGL02.5318.C1	6.712146768	-0.595057888	-0.142941901	-0.231276996	-0.100514245	0.383053536	0.691256516	0.002668953	0.021551634
YGL02.7129.C1	9.076673281	-0.595134937	-0.255841603	-0.450470623	0.281212044	0.017366832	0.084172803	0.001596354	0.014949689
YGL02_GNYA1SO04JIVK3	8.391627098	-0.595354223	-0.262457584	-0.578733505	0.01305948	0.050770513	0.37721375	0.000953146	0.010373172
YGL02.3847.C2	11.69378713	-0.59537852	-0.125810252	-0.410220506	0.085236007	0.074662193	0.158133845	0.000762697	0.008854903
YGL02.3147.C3	9.871175362	-0.595581114	-0.158057369	-0.21220467	-0.082017014	0.398009845	0.357978921	0.000897271	0.009934561
YGL02.726.C1	9.784500901	-0.595667206	-0.104669653	-0.067845634	-0.25191799	0.043127004	0.38182309	0.000157278	0.002898974
YGL02_GNYA1SO04I8T5S	8.440571353	-0.595955636	-0.155630894	-0.394007795	-0.196405277	0.318507475	0.499893837	0.000332948	0.004924464
YGL02.4201.C1	10.11894091	-0.595989735	0.179937848	-0.349161956	0.161384423	0.076200857	0.312014521	1.25E-05	0.000499953
YGL02_GNYA1SO04IA2SL	8.89883448	-0.595997142	0.149155433	-0.10757467	-0.143808243	0.27443048	0.419147869	2.98E-06	0.000198847
YGL02_GNYA1SO04JBPMP	11.58918377	-0.596066032	-0.277790951	-0.737021693	-0.101942784	0.279666276	0.641823548	0.000200003	0.003431369
YGL02_GNYA1SO04H277B	7.410052374	-0.596084416	0.095536943	-0.256077525	-0.039432053	-0.166718988	0.115022306	0.008422582	0.049244029
YGL02.2571.C1	11.49519315	-0.596168603	-0.147414103	-0.561565995	-0.116161525	0.13533372	0.391546929	0.001285585	0.012794382
YGL02_GNYA1SO04JEQYU	6.472311958	-0.596250915	-0.179000049	-0.436814345	0.883889166	-0.033743939	0.355815012	0.002982431	0.023322359
YGL02_GNYA1SO04IKAAF	10.7946819	-0.596272494	-0.212015208	-0.255652149	-0.074481519	0.030624495	0.124346222	0.000171002	0.003074752
YGL02.4899.C1	10.38121853	-0.596476704	-0.08723732	-0.221653122	-0.01622355	0.143264566	0.455684927	0.000175275	0.003126384
YGL02.3741.C1	10.992327	-0.596702534	-0.012190986	-0.436982715	0.042221013	0.07119864	0.483966295	0.001530721	0.014524112
YGL02_GNYA1SO04JEPHA	10.90740881	-0.596805488	-0.142943215	-0.571617141	0.036433886	0.059142144	0.509559032	3.67E-05	0.001060853
YGL02.2217.C4	9.197659508	-0.596846997	-0.312123803	-0.50886189	0.233165475	-0.016655332	-0.405991551	0.005926457	0.038319512
YGL02.792.C1	8.73699819	-0.596853155	-1.031989108	-0.73091445	0.05043204	0.549146114	0.46589449	6.01E-05	0.001477337
YGL02_GNYA1SO04IYN1H	10.89981521	-0.596922625	-0.080601965	-0.569724501	-0.737258161	0.082453483	0.727957688	0.000905383	0.010000434
YGL02.15411.C1	8.080299953	-0.597426108	0.066595276	-0.134082634	-0.310019762	0.278530338	0.411860204	0.002325211	0.019533558
YGL02.5265.C1	6.81268486	-0.597751739	-0.069891274	-0.141928286	-0.260130036	0.066019759	0.196137154	0.000538743	0.006889791
YGL02_GNYA1SO04JYOJT	7.071502605	-0.59792092	-0.096247918	-0.460119321	0.244611738	0.096528553	0.381675558	0.001439312	0.013886109
YGL02_GNYA1SO04JH9KZ	7.839095101	-0.597978285	-0.165962416	-0.011491956	0.12132798	0.209017862	-0.086303569	0.001623044	0.015133975
YGL02.5995.C2	7.474305673	-0.59802763	0.054343206	-0.011295523	0.110899494	0.224440099	0.454727552	7.63E-05	0.001751802
YGL02_GNYA1SO04IFR04	7.439928536	-0.598120583	-0.091264794	-0.324971059	0.697797136	0.04325811	0.163192908	0.000845642	0.009521673
YGL02.20177.C1	8.794618053	-0.598198589	-0.093215478	-0.123491185	-0.242808517	0.300651619	0.62364114	7.38E-05	0.001710055
YGL02.4137.C2	10.05427455	-0.598214975	0.085027982	-0.023103284	0.239253957	0.068994204	0.309258103	0.004876966	0.033273086

YGL02.12294.C1	7.248031126	-0.598291993	-0.23588286	-0.796424639	-0.271538165	0.106294026	0.434199202	0.00108294	0.011325944
YGL02.1536.C1	13.96715345	-0.598507632	0.048579819	-0.214723016	-0.244337859	0.22426139	0.465934307	8.22E-05	0.001852135
YGL02.5804.C3	9.126360717	-0.598616653	-0.136095016	-0.287527311	0.722289136	0.118653239	-0.00350063	0.002926096	0.023029233
YGL02_GNYA1SO04JW9KE	8.740598567	-0.598634464	0.279550019	0.61007105	-0.323541373	-0.136234179	0.393887699	0.003395799	0.025589599
YGL02.11750.C1	9.872122907	-0.598745161	-0.173999754	-0.465293822	0.042310805	0.195168815	0.370326451	0.000246653	0.003974745
YGL02.3623.C1	8.146163873	-0.598751714	-0.162013141	-0.688586191	0.319685159	0.238536618	0.268193459	1.69E-05	0.000616176
YGL02_GNYA1SO04I1735	7.3703784	-0.598788686	-0.174903451	-0.427685146	-0.060060346	0.189288185	0.267115338	0.000167374	0.003024633
YGL02.5833.C1	12.02883777	-0.598844587	-0.112883797	-0.480082391	-0.4136444	0.04517379	0.638923587	3.02E-05	0.000923658
YGL02_GNYA1SO04IXUM0	6.805396626	-0.598849843	0.826334952	0.593311201	0.2891203	0.775703757	0.165796983	0.006786776	0.042156211
YGL02_GNYA1SO04JA95K	10.6401394	-0.599111536	-0.346681063	-0.333115099	-0.084291561	0.31256935	0.424058901	4.17E-05	0.001153626
YGL02.658.C2	7.648491972	-0.599166023	-0.234611065	-0.605753401	0.296611942	0.227049351	0.012813139	0.002390724	0.01993263
YGL02_GNYA1SO04J0IB1	7.210763681	-0.599264214	-0.162620361	-0.525530089	0.055193123	0.393943946	0.802208206	0.000640808	0.00780211
YGL02_GNYA1SO04JBJJP	7.386841001	-0.599296077	0.145337557	-0.504901265	-0.287075296	0.093238568	0.561454787	0.000745559	0.008707841
YGL02_GNYA1SO04I3UJJ	5.566755864	-0.599511418	-0.704813478	-0.571572832	0.291014477	0.658204302	0.827336533	0.000984793	0.010596224
YGL02.5379.C1	7.517978364	-0.599550137	-0.26397344	-0.592065336	0.050884446	0.074252646	0.44342532	0.005298633	0.035360028
YGL02_GNYA1SO04JB55H	8.106315578	-0.599569415	-0.084082237	-0.196343985	0.171241527	-0.013621388	0.124981933	0.007956646	0.047312345
YGL02.3786.C1	7.675293289	-0.599676665	0.049094361	-0.347553494	-0.181547439	0.045667487	0.463715141	0.000113	0.00230837
YGL02.12087.C1	6.553422245	-0.600095664	-0.327739958	-0.200144118	0.416405894	0.309440602	0.286399843	0.002346307	0.019658495
YGL02_GNYA1SO04IPLZN	7.752543425	-0.600143254	-0.086867747	0.059833263	0.389544017	-0.000402456	-0.238451701	0.000640869	0.007802121
YGL02.2328.C3	9.412554079	-0.600202379	-0.172896219	-0.597907644	-0.176624802	0.282808864	0.27305	0.003624376	0.026818395
YGL02_GNYA1SO04JGKO6	10.0596442	-0.600228858	-0.080351146	-0.283989848	0.080198161	0.212323115	0.656749536	0.000296776	0.004541702
YGL02_GNYA1SO04I2WPQ	8.558455443	-0.600348511	-0.135453173	-0.143033129	0.876536018	-0.046802532	-0.336990458	0.001573931	0.014814697
YGL02.10337.C2	11.76184122	-0.600358817	-0.278365839	-0.559173797	-0.089708221	0.013109982	0.598060426	0.000738017	0.008642752
YGL02.15969.C1	6.608442734	-0.600418878	0.290188212	0.170476077	0.122585272	-0.063649436	-0.015479317	0.000652026	0.007901553
YGL02_GNYA1SO04JCY8N	8.033966579	-0.600551847	-0.39390633	-0.548949062	0.022493307	0.628555767	0.638176557	0.000756114	0.008800568
YGL02.22552.C1	10.65997557	-0.600574279	-1.497013919	-1.530879579	-0.118495436	0.630016987	0.729918565	9.45E-05	0.002042689
YGL02.15320.C1	7.459447469	-0.600933222	0.681620109	-0.311841921	0.056411479	-0.06448722	0.571532331	0.003746142	0.027461032
YGL02.15391.C1	8.082507118	-0.601162416	-0.078239208	-0.180751513	-0.156713349	0.222244558	-0.062985176	0.003223751	0.024679502
YGL02_GNYA1SO04JZN50	6.659807215	-0.601182072	-0.161394012	-0.869992273	-0.29124178	0.487656319	0.909311435	0.007932617	0.047206315
YGL02.445.C3	12.75745779	-0.601191091	0.120779249	-0.309714113	-0.13620782	0.164996684	0.622802137	0.000305423	0.004639505
YGL02_GNYA1SO04H35QC	6.820885061	-0.601207974	-0.292383008	-0.191849564	0.440311582	0.430537951	0.386689512	0.006772079	0.042095054
YGL02.18248.C1	6.467364388	-0.601688142	-0.26800568	-0.206538248	0.220177532	0.194239158	0.304390055	0.002832504	0.022515688
YGL02_GNYA1SO04I75YE	10.00421952	-0.6017782	-0.231426491	-1.068023558	0.0688301	0.192155375	0.411031465	0.000199564	0.003425652
YGL02.5353.C2	8.950877389	-0.601858163	0.001214505	-0.158571308	-0.427412169	0.11450033	0.341782847	0.000337706	0.004970152
YGL02.713.C1	6.441535071	-0.602125912	-0.057236051	-0.322799538	-0.217497726	0.291320385	0.362882053	0.0015142	0.014406403
YGL02.1837.C1	9.699112014	-0.60214026	-0.197338757	-0.255678546	-0.018216477	0.292898488	0.546199625	1.84E-05	0.000653742
YGL02.7849.C1	8.871011832	-0.602222068	-1.179542797	-1.03203234	-0.126106248	0.364089721	0.810053837	0.002281895	0.019278846
YGL02.4867.C1	10.39403558	-0.60231845	-0.266330956	-0.519440685	0.057384237	0.1935221	0.118753871	4.73E-05	0.001255179
YGL02.23544.C1	7.670273003	-0.602554575	0.022255622	-0.005924168	-0.067581417	0.184938962	0.424126688	8.61E-05	0.001909265
YGL02.6165.C1	7.563296165	-0.602583376	-0.00884461	-0.277696044	-0.148666981	0.156563122	0.595220542	0.001470886	0.014103108
YGL02_GNYA1SO04I5JYF	8.063249365	-0.60258759	0.648239527	-0.023184766	-0.181360991	0.142947541	0.356502954	0.005303502	0.03537627
YGL02_GNYA1SO04IN05X	8.393232443	-0.602648698	-0.248587593	-0.415063922	-0.233186034	0.2121038	0.509909653	0.005758894	0.037556218
YGL02_GNYA1SO04JEP2B	11.8224363	-0.602673183	0.120039428	-0.197146669	-0.350140097	0.222135072	0.344250651	0.002185324	0.018679521
YGL02.1580.C3	14.58821737	-0.602784444	0.108807871	-0.088908165	0.414370926	0.494118441	0.983552346	0.004698021	0.032383214
YGL02_GNYA1SO04JNE4T	13.62769981	-0.603079134	-0.388849815	-1.040151266	-0.760813718	0.223266226	0.380890909	0.000743641	0.008692104
YGL02_GNYA1SO04IQXJ5	10.34851543	-0.603116131	-0.103619379	-0.374419891	-0.507975098	0.20490738	0.470110317	0.001637842	0.015230288
YGL02_GNYA1SO04ILIE6	7.738865508	-0.603174702	-0.1776986	-0.471652434	0.002966953	-0.160937038	0.325569477	0.001719352	0.015773047
YGL02_GNYA1SO04IHQIM	5.799233811	-0.603264927	0.011975551	-0.219847885	0.355969743	0.278360987	0.540958014	0.001998356	0.0175444
YGL02.22660.C1	4.682175892	-0.60326727	-0.257861979	-0.904797544	-0.66291611	0.250136391	1.226611137	0.005673463	0.037157654
YGL02.760.C1	9.428458219	-0.603433134	0.072339811	0.083923521	-0.353150974	0.208898081	0.553886248	0.000205056	0.003484356
YGL02_GNYA1SO04IY1VQ	9.339637479	-0.603569132	-0.166960191	-0.305835677	0.195010759	0.144066851	0.135628214	0.002310598	0.019448163
YGL02.12951.C1	10.10584699	-0.603615652	0.037450124	-0.244201474	0.074841394	0.250630075	0.766240443	0.002248959	0.019076194
YGL02.15915.C2	7.561330139	-0.603833034	-0.188426791	-0.477612605	-0.065866582	0.416565772	0.598078201	0.001416193	0.013719611
YGL02.2168.C1	9.269229113	-0.603905282	-0.040942359	-0.191025614	-0.181618949	0.166360935	0.590099636	0.001908218	0.016976509
YGL02.4863.C1	9.556548547	-0.603948142	-0.071442676	0.010827741	-0.189751236	0.15389486	0.429671854	8.23E-06	0.000384348
YGL02.643.C2	8.530336234	-0.604114108	-0.671672015	-1.143997791	0.056132841	-0.168229133	0.098811415	0.000266885	0.004209953
YGL02.20299.C1	9.914484863	-0.604362213	-0.312632782	-0.479211412	0.100539586	0.25764067	0.6255648	4.60E-05	0.001233419
YGL02.9097.C1	8.72906618	-0.604370837	-0.14068902	-0.208770136	0.279198567	0.281325346	0.188647711	2.59E-05	0.000829391
YGL02.13956.C1	11.19563353	-0.604374827	-0.097353491	-0.287900512	0.90348249	-0.037289959	-0.064320364	0.004830589	0.033055949
YGL02_GNYA1SO04I1TB3	8.749070523	-0.60482134	-0.185033343	-0.504186139	0.269325379	0.413492306	0.567855805	0.003105906	0.024038252
YGL02_GNYA1SO04JLREY	8.742256182	-0.604923348	-0.016618544	-0.21178086	0.12500636	0.042277454	0.520653577	1.57E-05	0.00058605
YGL02.1720.C2	7.406984173	-0.604974956	0.085154861	-0.08257221	-0.067209511	0.209412009	0.736937119	0.003096007	0.023977404
YGL02.17933.C1	5.651168531	-0.604980148	-0.381161868	-0.382181975	-0.263967557	0.35673769	0.553119661	0.002495372	0.020547164
YGL02.2.C5	7.721603066	-0.605110162	0.650689861	-0.601444113	0.226400459	-0.172934202	0.101035462	0.000106615	0.002218248
YGL02_GNYA1SO04IOWQR	8.531527125	-0.605255233	-0.059511297	-0.279271255	0.084917464	0.347974349	0.502906739	0.000155053	0.002872074
YGL02_GNYA1SO04H9P89	7.703249621	-0.605290877	-0.054713655	-0.204444588	0.05917034	0.26288468	0.486831826	0.001112574	0.011547324
YGL02.8052.C1	6.604532608	-0.605528009	0.06137591	-0.282643819	-0.10923528	0.10214761	0.559398534	0.001723731	0.015803782
YGL02.5136.C1	9.311065096	-0.605595585	-0.441153007	-0.591732321	0.081395187	0.030471181	0.517952861	0.000420927	0.005790215
YGL02_GNYA1SO04H8N4T	8.367442759	-0.60576579	0.785678514	0.029210151	0.160562037	0.538185138	0.313454494	3.85E-05	0.001094603
YGL02_GNYA1SO04I92RQ	9.237720914	-0.60578205	0.091957416	-0.14804101	0.160608299	0.23574993	0.373874073	5.82E-05	0.001447831
YGL02_GNYA1SO04I57XS	7.54470031	-0.605834434	-0.194045379	-0.841587057	0.27097161	0.285707811	0.472017378	0.002218939	0.018882098
YGL02.242.C6	13.02566214	-0.606016083	-0.472933117	-1.098008912	0.223302841	0.251335958	0.348737828	0.000267043	0.0042116
YGL02.10046.C1	7.929007054	-0.606059694	-0.206083834	-0.315821497	0.048822462	0.185020415	0.237687896	0.000430216	0.005873086
YGL02_GNYA1SO04I1HLG	8.967708806	-0.606089353	-0.174672701	-0.300858202	-0.103588958	0.280449847	0.301745905	0.005410928	0.035889335
YGL02_GNYA1SO04IEU9F	7.683210089	-0.606125084	-0.052563003	-0.06796915	0.097204747	-0.020708751	0.452623818	0.002462797	0.0203605
YGL02.10159.C1	9.822373099	-0.606283178	-0.411516462	-0.435012563	-0.040577293	0.229643804	0.299009522	2.47E-05	0.000802253
YGL02_GNYA1SO04JH6FI	7.994272365	-0.606299736	-0.101621967	-0.387167229	-0.096496488	0.177726324	0.208057356	0.000764536	0.008869895
YGL02.9700.C1	9.053509787	-0.60651349	0.132266594	-0.260730996	-0.158767784	0.205325036	0.539012458	2.35E-05	0.000774495
YGL02.10885.C1	8.266413083	-0.606606069	-0.344026584	-0.799230608	-0.072032366	0.285418912	0.719268187	0.000579218	0.007254804
YGL02_GNYA1SO04JC41W	9.040027437	-0.606734459	-0.248901607	-0.423848899	0.095880033	0.372507614	0.697803527	2.13E-05	0.000724572
YGL02_GNYA1SO04IJ624	8.699907965	-0.606841597	-0.95685042	-0.677456186	0.121145019	0.594742495	0.450630347	1.12E-05	0.00046827
YGL02.2311.C2	8.441351924	-0.606844394	-0.046286464	-0.673130506	-0.176650649	-0.229209349	0.386448512	0.004643225	0.032089205
YGL02_GNYA1SO04IXGQS	8.728842014	-0.606961784	-0.04331803	-0.387968222	-0.13711473	0.011740013	0.165132077	0.000305168	0.004637784
YGL02.20428.C1	5.394720999	-0.606998805	0.201188478	-0.098284823	0.358017631	-0.000734081	0.322124011	4.87E-05	0.001281613
YGL02.2117.C1	7.295889802	-0.607077945	0.019901309	-0.181775997	0.128830039	-0.012035	0.552797937	0.003753724	0.027494289
YGL02.1358.C1	8.27979903	-0.60738444	-0.472149612	-0.684455676	0.198276536	-0.276197516	0.389051153	0.001156619	0.011876907
YGL02.10846.C1	9.597141744	-0.607737961	-0.073851625	-0.549868987	-0.156983998	-0.251101484	0.49487143	0.001543913	0.014615009
YGL02_GNYA1SO04IN0E5	8.934686954	-0.607809491	-0.031339609	0.166286859	-0.198662089	-0.031134721	0.503427774	0.000499643	0.006514569
YGL02.19719.C1	10.85152335	-0.607814818	-0.413673489	-0.355222238	-0.192470026	0.137486247	0.317395228	4.21E-06	0.000249142
YGL02_GNYA1SO04IY53B	8.055742394	-0.607958207	0.277589828	-0.346916716	0.065203561	0.119814196	0.483868427	0.002302896	0.019410314

YGL02.1847.C1	8.97986549	-0.608047041	-0.084966804	-0.164088923	-0.284890619	0.02299257	0.284675208	3.36E-06	0.000214934
YGL02.15847.C1	3.456478871	-0.608093389	-0.258463212	-0.440602987	-0.042371684	0.249059739	0.453932435	0.002907659	0.022924536
YGL02_GNYA1SO04JJQW1	10.24894443	-0.608229666	-0.321468521	-0.456931294	-0.063508755	0.104730756	0.10835287	3.11E-05	0.000943772
YGL02_GNYA1SO04INRTM	10.7029173	-0.608558448	-0.214655368	-0.119489038	0.100299383	0.193163733	0.313966205	0.000212475	0.003579424
YGL02.7381.C2	7.208335297	-0.608765677	-0.02823247	-0.24264556	-0.226790382	0.263719274	0.353086201	0.006375337	0.040351535
YGL02.3770.C1	11.39864002	-0.608799235	-0.209438095	-0.282076215	-0.252426248	0.16781655	0.249695092	4.12E-05	0.001144873
YGL02.23393.C1	4.801098716	-0.608828953	-0.030948762	-0.327948127	0.050733178	0.225375691	0.445000965	4.50E-05	0.001217113
YGL02.589.C3	11.25409108	-0.60886899	-0.423974663	-0.875615389	0.042217276	-0.171043315	-0.203436592	6.68E-05	0.001591364
YGL02_GNYA1SO04IQG48	8.703448408	-0.608945862	-0.16241337	-1.07634421	0.126658351	-0.134500104	0.322820738	0.002024261	0.017700956
YGL02_GNYA1SO04JZK6R	9.550600969	-0.609190779	-0.07565246	-0.399945932	0.071235075	0.264993383	0.562128193	0.000833316	0.009425507
YGL02.21394.C1	5.228904297	-0.609207487	-0.321136633	-0.113812097	-0.174923383	0.061516747	-0.131188365	0.003857083	0.028030816
YGL02_GNYA1SO04I9AW7	9.662413617	-0.60936103	0.118073007	0.117257357	-0.257032112	0.104807779	0.107282193	0.001962637	0.017327328
YGL02.2117.C5	12.36953181	-0.609406848	-0.467653275	-0.318137089	0.176136995	0.11002663	0.517776878	0.000193837	0.003355817
YGL02.17493.C1	4.684747325	-0.609513821	0.064813776	-0.094296521	-0.357699363	0.197186901	0.36609339	0.007884777	0.047018851
YGL02_GNYA1SO04I0P74	8.433762031	-0.609514533	0.109861723	-0.142485846	0.39666988	0.142973181	0.384897726	0.000200899	0.00344265
YGL02.17271.C1	10.12446612	-0.609522093	0.016197961	-0.085020524	-0.079913897	-0.066582893	0.536888138	2.54E-06	0.000180109
YGL02.9816.C1	6.33566681	-0.609544805	0.444449987	0.273327841	0.777780769	-0.072167153	0.257229798	0.005877116	0.038092511
YGL02.16441.C1	8.653142219	-0.60955499	0.013018073	0.622470101	-0.480980491	-0.163877575	0.070246193	0.000561984	0.007104916
YGL02_GNYA1SO04JZ4FM	8.792712608	-0.609823973	-0.149457277	-0.418124674	-0.312520853	0.096501359	0.336230538	0.001505447	0.014338926
YGL02.6700.C1	8.707186271	-0.609832025	-0.618288965	-1.175720469	-0.050557565	0.140712046	0.400306361	0.002262008	0.019156702
YGL02_GNYA1SO04IJIEU	9.475419846	-0.609860529	-0.103785748	-0.386684811	0.200521156	0.212777657	0.339085228	0.001093517	0.011401611
YGL02.8509.C1	9.480780632	-0.609949895	-0.416383389	-0.876363951	-0.065236878	0.168465393	0.65340342	0.000174465	0.00311939
YGL02.8944.C1	7.257779181	-0.610031839	-0.102951967	-0.062205717	0.316299586	-0.134869375	-0.012497303	0.001240692	0.012479586
YGL02.3855.C2	7.798430077	-0.610165482	-0.518198529	-0.270912965	-0.173622531	-0.220704095	0.682738052	0.001014875	0.010821249
YGL02_GNYA1SO04JTLB1	7.829835715	-0.610217183	-0.388876074	-1.457293654	0.311164495	0.045207563	0.46223992	0.004863004	0.033207569
YGL02.17507.C1	6.347965538	-0.610399995	0.145990916	-0.11541736	-0.296698222	0.086752541	0.406635774	0.000274497	0.004294122
YGL02_GNYA1SO04JG0SA	9.168578019	-0.610417242	-0.074793423	-0.046621165	-0.081880104	0.204578173	0.207593651	0.000790243	0.009074722
YGL02.1343.C1	7.941246815	-0.610641386	0.196855309	0.552381941	-0.267790275	0.10752529	0.311661133	2.07E-05	0.000712582
YGL02_GNYA1SO04IY6F5	8.990923226	-0.610671588	0.009242843	-0.166979369	-0.220356366	0.141111265	0.02332235	0.000255256	0.004072583
YGL02_GNYA1SO04IB00X	7.163271096	-0.611056576	0.314062837	-0.009489999	0.471332327	0.190865081	0.596755653	0.000795283	0.009114738
YGL02.15054.C2	6.397689447	-0.611119783	-0.367067731	-0.066123826	-0.19925822	0.360859538	0.479103374	0.001686388	0.015551219
YGL02.4982.C2	7.88389552	-0.61116552	0.174590935	0.141354369	-0.261223086	0.148659825	0.351486129	0.000588503	0.007333508
YGL02.6635.C4	11.50468493	-0.611175475	0.128390926	0.01303098	-0.265020299	0.206044362	0.517225921	0.003132527	0.024177816
YGL02.12982.C1	7.571288725	-0.611242241	-0.6188197	-0.678089775	0.041877908	0.200716659	0.733258302	0.004757001	0.032678441
YGL02.20743.C1	7.757350288	-0.611272969	-0.547089876	-0.399110045	-0.453841502	0.538213717	0.595731856	0.001199854	0.012186618
YGL02_GNYA1SO04H0QCA	7.071881998	-0.61193082	-0.104935049	-0.111550208	-0.658499885	0.222507889	0.061493454	0.000727829	0.00856138
YGL02.23290.C1	7.588040886	-0.6120662	-0.106408844	-0.140534346	-0.130523147	0.378221878	0.404465378	0.000393279	0.005529129
YGL02.13746.C1	8.354908651	-0.612083767	0.284703782	0.497878704	0.073785494	0.423036993	0.424532195	0.000306526	0.004650778
YGL02.15676.C1	8.270622831	-0.612172606	-0.058840628	-0.428647848	-0.155131209	0.21007942	0.56407363	0.000116602	0.002356382
YGL02.1321.C2	7.831529618	-0.612340453	0.240074116	-0.099497169	-0.220294294	0.301762304	0.449813512	0.000786783	0.009045336
YGL02.329.C39	6.507221836	-0.612342182	0.083930926	-0.552670044	0.223532637	0.102048156	0.635936975	0.005319315	0.035459675
YGL02.895.C2	8.693814709	-0.612343645	0.119441232	-0.051131869	0.029821345	0.252411947	0.033819411	0.000290205	0.004469427
YGL02_GNYA1SO04IGH3K	8.056342922	-0.612363718	0.096586938	-0.171260074	0.072699785	-0.023169565	0.221984417	0.004413378	0.030924937
YGL02.4498.C1	7.829539883	-0.612383756	-0.217979267	-0.936528777	0.081282501	0.077635701	0.837333822	0.000495987	0.006484446
YGL02.18094.C1	12.29907181	-0.612518685	0.204045126	-0.137585703	0.055742005	0.031670428	0.293591307	0.0054055	0.035862514
YGL02_GNYA1SO04INY9G	9.141268357	-0.612544619	0.092735721	-0.966673941	-0.035685452	0.201735659	0.125853583	0.002395579	0.019964109
YGL02_GNYA1SO04IEZQK	15.73311899	-0.612651192	-0.063204573	-0.337731772	-0.053685205	0.137889418	0.478127467	9.65E-06	0.000424193
YGL02_GNYA1SO04JEYS3	10.12424664	-0.61282115	-0.420993461	-0.646011547	0.572357999	0.300442371	0.35052942	0.000722385	0.008512306
YGL02_GNYA1SO04IZ6M4	7.432259729	-0.612831838	0.278880403	-0.02093193	0.014106935	0.056138307	0.030737238	0.000505424	0.0065668
YGL02_GNYA1SO04IE81L	8.80760785	-0.612859952	-0.260516037	-0.277540654	-0.315106658	0.030227533	0.327058847	0.006288079	0.039937833
YGL02_GNYA1SO04I11LJ	7.687810613	-0.613001482	0.081731429	-0.485914812	-0.145853177	-0.0645313	0.672752504	0.005883092	0.038122876
YGL02.5386.C1	8.214822975	-0.613144153	-0.022291362	-0.015028579	0.29821853	0.385450127	0.589265868	0.002167222	0.018568911
YGL02_GNYA1SO04J0UE3	8.128629077	-0.61344166	0.015097721	-0.1735017	0.078296332	0.090250657	0.546443378	0.003297541	0.025077774
YGL02.714.C1	9.432998124	-0.61350699	-0.05542883	-0.601723855	-0.089992389	0.094150266	0.703642243	0.00065783	0.007949141
YGL02_GNYA1SO04JYUGM	8.003936645	-0.613572704	-0.348010727	-0.610319364	0.075421801	0.045030055	0.454498808	0.000383083	0.005425244
YGL02_GNYA1SO04JZEJL	8.293169231	-0.613624203	0.250300603	-0.251468842	-0.25261976	-0.237406771	0.571156174	9.98E-06	0.00043393
YGL02.3611.C2	8.5124578	-0.614161904	-1.44166112	-0.992531788	-0.349773633	0.335593105	0.586057703	0.004572511	0.031720693
YGL02.1816.C1	9.048756096	-0.614257389	0.029767127	-0.248723188	1.086869911	-0.043879986	-0.062305211	0.005500411	0.036319155
YGL02.11174.C1	6.028829521	-0.614277896	0.896885697	-2.999639492	-0.121142201	-0.344902353	0.500941727	0.007893653	0.047050117
YGL02.4670.C1	12.99887295	-0.614293282	0.035148158	-0.316035788	-0.174000413	0.193116529	0.52444395	0.001893894	0.016879653
YGL02.21493.C1	9.51851751	-0.614452395	0.095058248	-0.118784689	0.107980009	0.245151995	0.270655923	4.47E-05	0.001211456
YGL02.4331.C2	9.20255237	-0.614662124	-0.103584464	-0.381944353	-0.297244949	0.15973903	0.482729075	0.000164905	0.002993805
YGL02.1765.C4	12.27767648	-0.614738718	-0.024586476	-0.400253983	-0.148554219	0.16878469	0.530997198	5.18E-05	0.001331822
YGL02.17032.C1	6.777966592	-0.614784291	0.161368094	-0.183040146	-0.340074893	0.101926395	0.489494009	0.002020582	0.017686962
YGL02.7108.C1	10.66319862	-0.614817599	0.113329788	0.232081252	-0.022210574	0.219631954	0.179682872	0.000502073	0.006537248
YGL02.4077.C2	12.86778183	-0.615110612	0.055141474	-0.686299496	-0.056471493	0.01011433	-0.052692866	0.005594306	0.036785334
YGL02.626.C2	9.980733171	-0.615172525	-0.046065617	-0.235536586	-0.1189612	0.069016685	0.32520179	4.05E-05	0.001130581
YGL02.9012.C1	7.074020047	-0.615321849	-0.103639648	0.056363922	0.141904824	0.126031214	0.494345729	0.000156157	0.002885976
YGL02_GNYA1SO04IS1B4	8.019613506	-0.615391164	-0.108885635	-0.152610463	-0.048114017	0.070855427	0.293534542	0.000158651	0.002915008
YGL02.9894.C1	6.950268219	-0.615568929	0.421365815	-0.550383962	-0.142568811	0.013121278	0.340990425	0.004762901	0.032708556
YGL02_GNYA1SO04ILGI8	8.590438626	-0.615629443	-0.222268036	-0.00816255	0.159429431	0.170049173	0.338526526	7.13E-05	0.00166865
YGL02.9196.C1	7.377295348	-0.615644672	-0.048510599	-0.448825184	-0.146403228	0.324645122	0.610920155	1.95E-05	0.000681129
YGL02_GNYA1SO04I02W5	10.93337621	-0.615662994	0.055499738	-0.347494568	0.717023806	0.302900773	0.426907627	0.005463689	0.036141175
YGL02.4876.C2	8.70347611	-0.615751071	-0.027164405	-0.313402234	0.070699344	0.251592544	0.53891375	6.03E-06	0.000312617
YGL02_GNYA1SO04H56OI	6.840603715	-0.615774855	-0.007031643	-0.321126016	0.084728937	-0.068088186	0.294057985	0.004602568	0.031886504
YGL02_GNYA1SO04IBSRQ	9.245171941	-0.615927438	-0.038248046	-0.22261464	0.862988638	0.005524496	0.013251311	0.001334848	0.013146243
YGL02_GNYA1SO04JM722	13.17667393	-0.615942211	-0.120872766	-0.217555758	0.3783563	0.062545605	0.076548528	0.00828096	0.048648321
YGL02.13247.C2	7.705181581	-0.616018297	-0.183188707	-0.446974549	-0.086768112	0.32299818	0.45013766	5.24E-06	0.000286016
YGL02_GNYA1SO04IUX7H	11.37597525	-0.616082572	-0.318372671	-0.819586499	-0.082808716	0.181144405	0.57597281	0.000383665	0.005431101
YGL02_GNYA1SO04I276U	9.214712272	-0.616242285	-0.2515568	-0.35647052	0.030969461	0.27942361	0.374693832	0.000124806	0.002473111
YGL02_GNYA1SO04J0S5M	7.652426509	-0.61627073	-0.136325604	-0.866631937	-0.348623866	-0.069372529	0.606758431	0.006149548	0.039321711
YGL02.7539.C1	8.307401052	-0.616559148	-0.846278178	-0.738819096	0.028697586	0.282448961	0.330843947	0.000860347	0.009638643
YGL02.14829.C1	6.828172089	-0.616594619	0.173766275	-0.239790898	0.111497971	0.332114041	0.480643809	0.00069997	0.008315249
YGL02_GNYA1SO04IYSUJ	7.887841805	-0.616650551	-0.358206599	-1.773784569	0.08079844	0.42569751	0.625440749	0.003166873	0.024364489
YGL02_GNYA1SO04IGH82	9.27145661	-0.616712915	-0.443055866	-0.205764257	0.532394365	0.272219179	0.269766211	0.000426646	0.005837881
YGL02_GNYA1SO04JBY0N	10.4365713	-0.617168124	-0.036296882	-0.376052088	1.160544951	-0.162914368	-0.029613617	0.002367335	0.019792416
YGL02.3277.C1	8.142494904	-0.617169277	-0.33857778	-0.877090594	-0.036656524	-0.009977135	0.632217778	0.000455674	0.006115538
YGL02.4658.C1	7.60029218	-0.617302606	0.448558018	0.893401169	0.352218529	-0.018627831	-0.079670716	0.000242804	0.003932288
YGL02_GNYA1SO04IF7WD	7.253388278	-0.617356551	0.031819364	-0.349923265	0.04420975	0.140121852	0.714883294	4.18E-05	0.001155865
YGL02.7556.C1	9.355323791	-0.617359446	-0.382385503	-0.515298375	0.05105362	0.265949414	0.351232614	5.59E-05	0.001406087

YGL02_GNYA1SO04IM90D	9.261972682	-0.617406333	-0.188034459	-0.315171365	0.53247851	0.104078001	0.228540566	0.001551218	0.014665874
YGL02.6410.C1	9.17853186	-0.617581291	-0.281231502	-0.447363709	0.164839176	0.002704874	-0.031692549	0.00231887	0.019494197
YGL02_GNYA1SO04JSYU6	8.32405712	-0.617746356	-0.083850271	-0.674108555	-0.430085408	0.385659594	0.601718994	0.001587192	0.01489621
YGL02_GNYA1SO04JJJV6	9.921906826	-0.617801563	-0.04138338	-0.487297647	-0.147100335	0.317981526	0.156325057	0.000909103	0.010025275
YGL02.13024.C1	9.138670502	-0.617876094	-0.227179275	-0.301464818	0.01922381	-0.031885186	0.248830885	0.000139062	0.002665117
YGL02_GNYA1SO04JF26Y	8.894604808	-0.618094964	0.433992275	-0.061082844	-0.14694909	0.153794806	0.310579991	0.000772644	0.008930359
YGL02_GNYA1SO04I2ZTX	8.856910771	-0.618204196	-0.229002506	-0.553078073	-0.393499935	0.264700735	0.620078748	0.000120842	0.002416807
YGL02_GNYA1SO04ISJMW	7.389922254	-0.618253099	0.059952941	-0.118475343	0.030751118	0.341169367	0.866583455	0.001537134	0.014565587
YGL02_GNYA1SO04IQRO1	8.410619284	-0.618393865	-0.066196198	-0.354707964	0.239229757	0.116482767	0.265348806	9.33E-05	0.002024987
YGL02.14316.C1	7.587263482	-0.618410663	0.093339602	0.042078953	-0.603899492	-0.001131669	0.203253814	0.000534783	0.006849295
YGL02.11103.C1	8.484845312	-0.618483523	-0.10196945	-0.203752932	0.503832592	0.120066078	0.455750155	8.73E-05	0.001931293
YGL02_GNYA1SO04JV4ET	7.847220759	-0.618537157	0.584280604	-0.024321624	-0.511342153	-0.346243835	0.547390527	0.00485578	0.033179239
YGL02_GNYA1SO04JAXJI	8.078649678	-0.618704442	-0.04785014	-0.442579712	0.011672026	0.067608432	0.321672408	2.87E-05	0.000892447
YGL02.2222.C1	8.775940272	-0.618750054	-0.23051903	-0.36134086	-0.167163046	0.005855787	0.179458153	0.000465126	0.006208281
YGL02_GNYA1SO04I05W2	8.251324631	-0.618806558	0.040535324	-0.436170458	-0.028683264	-0.103451052	0.391456591	0.00186396	0.016698636
YGL02.1228.C1	9.984958898	-0.618835198	-0.274307424	-0.43575173	-0.014854009	0.108424848	0.487953701	4.91E-05	0.00128655
YGL02.3840.C1	9.964616077	-0.618877353	-0.182644612	-0.202337487	-0.15173035	0.076897763	0.538870036	1.86E-05	0.000658172
YGL02_GNYA1SO04JETN2	6.630866091	-0.618904486	-0.076152192	-0.245127575	-0.161948042	-0.181809254	-0.065712608	0.006309505	0.040034647
YGL02.5477.C1	7.82789364	-0.618965314	-0.321324993	-0.311529102	0.093223282	0.281656689	0.459943656	0.004591619	0.031822567
YGL02_GNYA1SO04ID2JY	8.233514607	-0.619027293	-0.139607163	-0.437438653	-0.195914631	0.125732766	0.873927414	0.003825541	0.027861153
YGL02.11055.C1	14.36328508	-0.619240638	-0.048891413	-0.260962858	-0.519456103	0.166487084	0.60821005	0.001017165	0.010839424
YGL02_GNYA1SO04INTD4	7.577925655	-0.619293081	-0.332235026	-0.430729902	0.014315081	0.057377283	0.372198757	0.002930662	0.023042624
YGL02_GNYA1SO04JHSIF	9.081902861	-0.619316138	-0.206662904	0.017496046	0.180417545	0.075170138	-0.214343507	0.000929764	0.010185472
YGL02.6894.C1	11.666607	-0.619333141	-0.221466161	-0.190280414	-0.361257103	-0.029135834	0.169848289	0.001002943	0.010732019
YGL02.15413.C1	8.710537676	-0.619641364	-0.03549466	0.076336392	-0.006902468	0.333497292	0.390289475	0.000476735	0.006311846
YGL02.5247.C1	8.455910419	-0.61967815	-0.183703454	-0.857734859	0.078777873	0.036523207	0.606816057	0.00081577	0.009288707
YGL02.10221.C1	10.91914907	-0.619834811	-0.211346179	-0.187704669	0.008344135	0.249070426	0.273828638	1.56E-05	0.000584469
YGL02_GNYA1SO04H0AXO	8.996739784	-0.619991174	-0.140645575	-0.250420948	0.036265713	0.299436444	0.377579813	0.001059394	0.011159038
YGL02.20639.C1	10.00283609	-0.620216102	-0.067396805	-0.266204943	-0.03401099	-0.08400835	0.180266942	0.001562464	0.014745345
YGL02_GNYA1SO04J0G8L	11.99427465	-0.620296764	-0.325640827	-0.418028511	-0.261697058	0.136672004	0.425804475	4.16E-05	0.001151771
YGL02.20794.C1	8.784985626	-0.620383872	0.04934735	-0.313974963	0.164522055	0.131155616	0.220630822	0.001105833	0.011498553
YGL02.9943.C1	7.95259502	-0.62057805	0.027669158	-0.255416658	-0.235313308	0.075375649	0.574815839	7.40E-05	0.001712144
YGL02.4740.C1	7.854472559	-0.620640677	0.070415754	0.157858453	0.052548564	-0.014612173	0.265715643	0.000674205	0.008093154
YGL02_GNYA1SO04IO17L	7.337928513	-0.620669397	-0.020787322	-0.483676531	-0.191852009	0.191797892	0.356223305	0.000143021	0.002718588
YGL02_GNYA1SO04IQKWM	10.47276238	-0.62076663	-0.130361779	-0.551314724	0.088523831	0.177496069	0.481896499	1.74E-05	0.000626817
YGL02.849.C1	11.28304072	-0.620851337	-0.146433347	-0.306787782	0.474686122	0.074388085	-0.055305798	0.007668931	0.046101094
YGL02.5432.C2	8.560126906	-0.620922232	-0.023305409	-0.439520177	-0.266521483	0.13474998	0.332740269	0.002075679	0.018003743
YGL02.4700.C2	11.25792451	-0.621129776	0.033846087	-0.091835735	0.37099337	0.08604721	0.169817092	0.004718076	0.032480651
YGL02_GNYA1SO04JV00E	7.25553916	-0.621244425	-0.686069573	-0.257650478	-0.288597831	0.614843846	0.320405852	0.004488198	0.031298431
YGL02.931.C4	10.28240228	-0.621405604	-0.443754816	-0.346850447	-0.222257573	0.175996056	0.460952963	3.21E-06	0.000208983
YGL02.5995.C1	8.142660416	-0.621487238	-0.104095984	-0.188424513	-0.042290588	0.150991953	0.266866731	2.23E-05	0.000748708
YGL02.21141.C1	9.372035104	-0.621551427	-0.170653668	-0.165061073	-0.165424943	-0.103891421	0.263578171	0.00057608	0.007230194
YGL02.1152.C1	9.054115091	-0.621576642	-0.076239497	-0.376712761	-0.108852279	0.230297417	0.434674292	2.55E-05	0.000819458
YGL02.7179.C1	9.639488578	-0.62165038	-0.14900181	-0.366490356	0.167345935	0.178642609	0.763072035	0.000685286	0.008191919
YGL02.5077.C1	8.648923726	-0.621692894	-0.10490472	-0.845224568	0.097904373	0.064970076	0.360485374	0.006236173	0.039715297
YGL02.20534.C2	8.501749772	-0.621996531	0.312073707	0.113754234	-0.140982607	-0.127649215	0.025880906	0.000528068	0.00678746
YGL02.23718.C1	7.922219762	-0.622087776	-0.23433175	-0.321797054	-0.138597219	0.333519448	0.413317277	6.08E-05	0.001489187
YGL02_GNYA1SO04JHLGW	9.21366422	-0.622403016	-0.0460758	-0.271677285	-0.113579803	0.110738531	0.450818801	0.000443359	0.005998123
YGL02_GNYA1SO04JNA5O	9.385777221	-0.62250371	-0.377046737	-0.160038745	0.000442077	-0.007352758	0.207966796	0.000322535	0.004814148
YGL02_GNYA1SO04JLJHI	8.002103935	-0.622684902	0.03324977	-0.303575847	0.40251088	-0.040928776	-0.051487408	0.006170173	0.03941515
YGL02.6631.C1	7.907823562	-0.622755226	-0.083848237	0.100283152	-0.123203222	0.224221774	0.324774698	0.001080389	0.011312094
YGL02_GNYA1SO04IO1QM	9.963039655	-0.622880686	0.080366267	-0.315185791	-0.276229619	0.18126723	0.5002435	0.000812726	0.009262186
YGL02_GNYA1SO04JF1ZK	7.441168795	-0.622896034	0.03922311	-0.097812498	-0.107443234	-0.051615	0.274052052	2.31E-05	0.000766805
YGL02.4313.C3	7.134148494	-0.62293863	-0.04824358	-0.207283209	-0.161875817	0.292382976	0.534202295	0.001046222	0.011066202
YGL02_GNYA1SO04JFW9J	10.71247351	-0.622943967	-0.060877885	-0.260316208	0.045153122	0.153553152	0.407265639	3.34E-05	0.000990826
YGL02_GNYA1SO04I3V18	7.469478335	-0.623050003	0.014002468	-0.513434786	0.670504109	0.136052444	0.598588635	0.000224904	0.00372818
YGL02.1691.C1	8.221701693	-0.623186664	0.200306904	-0.207779682	0.174139304	0.357860994	0.449937175	3.97E-05	0.001114356
YGL02_GNYA1SO04I9IRC	6.564046633	-0.623259539	0.00042953	0.202090999	-0.083986786	0.443292147	0.176675845	0.001329558	0.013109093
YGL02.12641.C1	9.666082766	-0.623321914	-0.13712748	-0.517499961	-0.05582103	0.099306078	0.531764899	0.000158043	0.002908589
YGL02_GNYA1SO04JX9DP	9.773419166	-0.623391478	-0.214728112	-0.08241488	0.492578433	0.193703958	0.013855071	0.000258412	0.004108681
YGL02.15826.C1	7.893067174	-0.623441042	-0.01201046	-0.070114704	-0.13010147	0.329398681	0.134623844	0.004048658	0.029059548
YGL02.8564.C1	8.899028901	-0.623539707	0.069657464	-0.42456471	0.068575146	0.166250326	0.533005972	0.000171682	0.003083367
YGL02.11514.C2	8.334291559	-0.623565948	0.03473411	0.251363558	-0.168670416	0.388650299	0.279647895	4.95E-05	0.001295963
YGL02_GNYA1SO04IKIQB	12.23133949	-0.623746803	0.011875255	-0.223165961	-0.160883997	0.30355181	0.615881701	0.002060782	0.017906913
YGL02.22569.C1	7.106625305	-0.623810308	-0.296585774	-0.520279797	-0.136440316	0.167428622	-0.029446766	0.004459171	0.031153049
YGL02.2393.C2	6.96363859	-0.624262953	-0.078297081	0.058374666	0.174445455	0.387008755	0.544342627	9.61E-06	0.000423277
YGL02.18024.C1	8.732421013	-0.624388695	0.069849316	0.091980575	-0.188421305	0.106858025	0.068624463	8.36E-05	0.00187204
YGL02_GNYA1SO04JK4MB	7.673169995	-0.624419989	-0.425146251	-0.459277747	-0.254471556	0.47565588	0.23440498	0.006466906	0.040757786
YGL02.9727.C1	6.959266418	-0.62462591	0.313435649	0.438996334	-0.364509173	0.160294325	0.67012244	0.000178455	0.003160466
YGL02.14804.C1	8.237855513	-0.624670746	-0.2664302	-0.104276413	-0.092741279	0.166519159	0.287891244	0.001171891	0.011989042
YGL02_GNYA1SO04H7HJB	6.067999678	-0.62496928	-0.555464339	-0.404514137	0.295968422	0.401000475	0.832585603	0.002160789	0.018529728
YGL02_GNYA1SO04IVKAO	7.404330898	-0.624983233	0.134269535	-0.114005458	0.019792024	0.178735265	0.338108186	0.001625512	0.015152621
YGL02_GNYA1SO04IQ9BF	7.324046358	-0.625153487	-0.094762818	-0.472482549	0.198551604	0.36259808	0.408257403	0.000346437	0.005062951
YGL02_GNYA1SO04H78MF	12.74542414	-0.625659176	-0.187330263	-0.494467332	0.252883417	0.118836875	0.521484954	5.77E-06	0.000304851
YGL02.1860.C1	8.813361093	-0.625760276	0.128969176	-0.096552539	-0.096757744	0.076854309	0.235392008	0.000253317	0.004051877
YGL02.4368.C1	7.2025378	-0.625796416	0.309996828	-0.319086617	-0.053694472	0.239468449	0.848766692	0.000217709	0.003642372
YGL02_GNYA1SO04IAB9U	10.07640675	-0.625801497	-0.273231957	-0.437115117	0.116935763	0.163208285	0.357131137	2.39E-05	0.000782393
YGL02.23210.C1	9.563537107	-0.625811424	-0.17358226	-0.16890894	0.078845537	0.204007791	0.468530855	3.36E-05	0.00099501
YGL02_GNYA1SO04IVXR4	7.615452741	-0.625878369	-0.196991772	-0.287229449	-0.46669659	0.526742787	0.566320287	0.001345221	0.013215233
YGL02.5031.C1	6.352445651	-0.626126112	-0.074076691	-0.169107887	0.036125274	-0.004101728	0.478876607	0.001200091	0.012186698
YGL02.3782.C1	10.26789922	-0.626208032	-0.373000632	-0.635081345	-0.004416606	0.228475119	0.550880412	1.49E-05	0.000564987
YGL02.861.C2	7.340431346	-0.626238605	-0.649169134	-0.552158068	-0.253120068	0.195834349	-0.621419631	0.001109174	0.011523672
YGL02_GNYA1SO04IHISD	8.347111111	-0.626436521	-0.304665095	-0.468007385	0.051733239	-0.000991321	-0.227315293	0.006237111	0.039717363
YGL02_GNYA1SO04H7SE3	7.899905057	-0.626470718	-0.075893936	-0.22224497	0.066152134	0.230975225	0.326080375	0.001382021	0.013477031
YGL02_GNYA1SO04JOF6F	7.691007955	-0.626488314	-0.182028588	-0.309008493	0.212627311	-0.009498595	0.6995017	0.000950014	0.01034778
YGL02.9368.C1	7.497324565	-0.626514882	0.356872499	0.006246595	-0.177140673	0.25519789	0.50182932	0.000217959	0.003645228
YGL02.4650.C1	11.16987069	-0.626526452	-0.023387151	-0.053154189	0.045445451	0.103508841	0.558552239	2.23E-05	0.000747043
YGL02.9087.C2	12.51191562	-0.626865161	-0.406659192	-0.268673389	0.112062061	0.083918537	-0.055810013	0.000337707	0.004970152
YGL02_GNYA1SO04H4APY	7.38226643	-0.627023249	0.167231301	0.112772464	0.09344431	0.131198335	0.058387856	0.002432213	0.02017463
YGL02.15000.C1	7.639514824	-0.627223946	-0.167591049	-0.659476836	0.042015716	0.284081278	0.628322699	0.000823317	0.009344417

YGL02_GNYA1SO04IB5GS	8.71112815	-0.627239694	0.03219394	-0.254011055	0.351463545	-0.15432571	0.2506228	0.002899071	0.022879109
YGL02.2286.C1	8.790338781	-0.627384428	-0.104669678	-0.200851936	-0.17104825	0.129587129	0.608031688	0.000163273	0.002972518
YGL02.16583.C1	7.479211802	-0.627443975	0.026426299	-0.481945833	0.138636113	0.270905521	0.557371869	0.000472156	0.006271551
YGL02_GNYA1SO04JTX5D	10.00223194	-0.627562662	-0.108154118	-0.490213076	-0.122947162	0.192025512	0.515450493	0.000371749	0.005312798
YGL02_GNYA1SO04JZ449	7.303932171	-0.627734269	0.16846047	-0.332375423	-0.294005968	-0.017725129	0.375367826	0.003367818	0.025443383
YGL02.8380.C1	7.396955949	-0.62794325	0.109834616	0.363495529	-0.063006289	-0.216322508	-0.154417164	0.00464514	0.032097301
YGL02_GNYA1SO04IC0PH	11.11543787	-0.627959172	-0.135162605	-0.602663074	0.248130694	0.276342788	0.688856315	0.000121839	0.002430386
YGL02.13310.C1	7.852030236	-0.628056064	-0.37166372	-0.901715121	0.008805941	0.314924031	0.539213505	0.000240227	0.003903744
YGL02_GNYA1SO04JVHQP	3.412074721	-0.628085312	-0.49809559	-0.588534025	-0.031618926	0.625610885	0.634244373	0.005850952	0.037973515
YGL02.13674.C1	8.255534557	-0.628119712	-0.140447556	-0.368473757	0.103065699	-0.011388116	0.709539581	0.000773913	0.008939442
YGL02_GNYA1SO04JDQMC	8.067924468	-0.628360344	0.061284597	-0.310961252	-0.309509409	-0.145151253	0.387344028	0.000486134	0.006401592
YGL02.12547.C1	8.671249674	-0.628407102	0.108302762	-0.009153923	0.334229759	0.111153226	0.146385931	0.007766454	0.046531825
YGL02_GNYA1SO04JKF41	10.14936621	-0.628478887	-0.364586982	-0.730516864	-0.21572561	0.262629552	0.509568629	0.002770829	0.022169681
YGL02_GNYA1SO04IYUIT	9.959713254	-0.628480309	-0.342059921	-0.401488558	0.046232352	0.15308112	0.251229476	0.00127412	0.012712516
YGL02.22440.C1	7.161946996	-0.62880178	-0.043509135	-0.400225061	-0.018465494	0.214536978	0.419812988	0.000110133	0.002271012
YGL02_GNYA1SO04H65UC	10.52552143	-0.628820668	-0.263163489	-0.461366557	-0.453147985	0.002753225	0.161088183	0.007794896	0.046669842
YGL02_GNYA1SO04JMBOA	7.306373146	-0.628955946	0.045359708	-4.132455041	0.093145332	0.076277793	0.360870464	0.000881636	0.009804791
YGL02_GNYA1SO04JAWJC	8.736065641	-0.629111791	-0.205598174	-0.236858232	0.178359486	-0.15371258	-0.374387365	0.001094484	0.011409124
YGL02_GNYA1SO04IOUE8	11.54067418	-0.629122083	0.093295647	-0.288494529	0.021076778	0.202793441	0.698793282	0.000137483	0.002642292
YGL02_GNYA1SO04JE8ST	12.12363553	-0.629167932	-0.120788556	-0.359215348	0.102400052	0.241551638	0.693193506	3.13E-05	0.000947876
YGL02.14408.C1	8.089919768	-0.629304618	0.583447395	-0.634283444	0.086165403	-0.195545453	0.194712429	0.000113478	0.002316381
YGL02.15574.C1	9.440800205	-0.629406257	0.090931714	0.079101612	-0.014969477	0.031753299	0.348366127	1.96E-05	0.000684487
YGL02_GNYA1SO04JUXOV	7.231650562	-0.629408897	0.345277271	-0.454156032	0.238180504	0.209879183	0.676970197	0.003905734	0.028279788
YGL02_GNYA1SO04I4W2C	8.465244563	-0.629528962	-0.299709965	-0.597556847	0.519905494	0.334604788	0.461930879	0.000208701	0.003531824
YGL02.3085.C2	10.67895663	-0.629533606	0.075462511	-0.093728457	0.031856469	0.021141785	0.457998219	0.000493323	0.006462483
YGL02.22474.C1	7.145807545	-0.629712797	-0.052407603	-0.495964835	-0.059619097	-0.1660994	0.368366349	0.002565821	0.020950075
YGL02.11432.C1	8.528243651	-0.629741466	0.093134033	-0.390860893	0.279683444	0.021672122	0.477319892	0.004944879	0.033639785
YGL02_GNYA1SO04JL648	9.29031859	-0.629988031	-0.2294443	-0.274576686	-0.139598836	0.099932033	0.225317118	0.000640252	0.007796069
YGL02.16817.C1	7.06671595	-0.630336181	-0.320556189	-0.238038309	-0.055423651	0.325241801	0.617509125	1.97E-05	0.000686729
YGL02_GNYA1SO04JZEXP	7.470711801	-0.630482136	-0.012952309	-0.01463528	-0.34830533	0.283371516	0.305022067	0.000973061	0.010508659
YGL02.5126.C1	12.99262885	-0.630533559	0.197958429	-0.280513981	-0.200234283	0.072196313	0.461708961	6.46E-05	0.001552071
YGL02.589.C2	9.482234668	-0.630599027	-0.405642345	-0.642261315	0.116742566	-0.062753597	-0.119146783	0.000934949	0.010222375
YGL02_GNYA1SO04ILQKW	11.84398672	-0.630637647	-0.190903693	-0.502576844	-0.04454925	0.277567808	0.673314345	0.000262263	0.004157479
YGL02_GNYA1SO04JT5QD	11.58572516	-0.630766834	-0.107562912	-0.285940588	0.121037103	0.242336549	0.569968886	0.003018741	0.02354599
YGL02_GNYA1SO04H41LQ	7.949623079	-0.631244389	0.064697617	-0.325376932	-0.164511027	0.025945345	0.504712853	0.000827198	0.009375133
YGL02.14325.C2	8.584962554	-0.631454322	-0.310996626	-0.678019761	0.367187233	0.139688031	0.101049787	0.000118547	0.002383037
YGL02.2624.C2	7.719301721	-0.631684502	-0.014484635	-0.127639232	-0.062067506	0.373716745	0.673958921	1.14E-05	0.000472658
YGL02.17681.C1	4.687448097	-0.631707417	0.012269266	-0.13926489	-0.056272412	0.0489354	0.481612573	0.00719424	0.044019955
YGL02_GNYA1SO04H4QPU	9.397185876	-0.631712113	-0.097030629	-0.218754833	-0.002366956	0.029895504	0.403342304	0.000358997	0.005185654
YGL02.16703.C1	8.993580101	-0.631941981	0.422780113	-0.173855142	0.029057148	0.236473368	0.579722804	0.001950682	0.017250004
YGL02_GNYA1SO04IYQZB	7.997016318	-0.63253538	0.223191033	0.153345876	-0.760407577	0.475283434	0.240643003	0.005774693	0.037637027
YGL02_GNYA1SO04ICW4G	14.51018808	-0.632787758	-0.229959745	-0.491094817	0.376063633	0.240708027	0.637379353	0.000393541	0.005531605
YGL02.619.C2	9.471551937	-0.632873066	0.098485037	-0.293113672	-0.121270468	0.251596726	0.293285989	0.00094035	0.010270163
YGL02.21678.C1	4.970601623	-0.633177163	-0.267957854	-0.290388533	-0.063869238	0.434883245	0.611731827	0.00358027	0.026600053
YGL02_GNYA1SO04JJWFE	9.278205534	-0.633280409	-0.128504614	-0.517074356	-0.05971918	0.173306526	0.756382846	0.000624692	0.007657179
YGL02.20785.C1	7.637834651	-0.633349281	0.347639395	-0.225257593	-0.092356159	0.251309157	0.566200828	0.000419866	0.005779924
YGL02.4460.C1	8.57143084	-0.633442527	-0.053988035	-0.380972869	0.056663039	0.116545525	0.477944732	0.000125161	0.002476021
YGL02.12324.C1	8.579763361	-0.633522288	-0.03629323	-0.41661806	-0.341949499	0.170278457	0.554509769	0.000661446	0.007980605
YGL02_GNYA1SO04JEMYG	8.432104469	-0.633553127	-0.226540426	-0.381595288	-0.196037396	0.298274313	0.475759354	0.00024035	0.003905247
YGL02.14354.C1	6.315932221	-0.633881047	-0.089830134	-0.004392336	-0.05436968	0.37667447	0.310390182	0.001551325	0.014665874
YGL02_GNYA1SO04JUPVD	11.96699042	-0.634186378	-0.108549216	-0.283989196	0.107822982	0.287190644	0.635462932	0.003884041	0.028173127
YGL02.926.C1	9.685491864	-0.634270356	-0.290073176	-0.515952053	0.049024131	0.239919597	0.475148343	0.000120788	0.002416807
YGL02.13348.C1	6.689101666	-0.634377107	-0.43674009	-0.763486254	-0.203463214	0.239771968	0.623324502	0.005788367	0.03768558
YGL02.7445.C1	8.36317856	-0.634410633	0.395380052	0.047530605	-0.018475539	-0.053879905	0.385264188	0.000657826	0.007949141
YGL02.6144.C1	8.522456878	-0.634412369	0.057024929	-0.284248993	-0.029267134	0.033258945	0.333852937	0.000990977	0.01064532
YGL02.2363.C4	7.718286729	-0.634550715	-0.104885417	-0.238437109	0.55641098	-0.194646696	0.230672977	0.003182063	0.024442153
YGL02.10309.C1	8.251105725	-0.634640929	-0.155535092	-0.589592154	-0.042420871	0.31047629	0.852701182	0.000127736	0.002509373
YGL02.12720.C1	7.005082768	-0.63465187	0.10422973	-0.341324484	-0.631918245	0.23327138	0.73497915	0.000148021	0.002784494
YGL02_GNYA1SO04IQE1U	7.40073908	-0.634659196	0.30928526	-0.411347352	-0.058514866	0.318331713	0.740849454	0.004601536	0.031881059
YGL02_GNYA1SO04H1LW7	8.818598333	-0.634692501	0.132380701	-0.339810074	-0.342307631	0.127359436	0.472930132	0.003930343	0.02841032
YGL02_GNYA1SO04I15IO	5.753540116	-0.63484697	0.274774391	-0.291451098	-0.018097227	-0.073718905	0.348712556	0.006409502	0.040500988
YGL02_GNYA1SO04IZXJB	6.971260313	-0.63489175	0.142253819	-0.02552118	0.094043217	0.111979676	0.49075478	9.14E-05	0.001996762
YGL02_GNYA1SO04I3LB9	9.860046178	-0.635382841	0.013345157	0.166888458	0.884923454	-0.229695602	-0.310952167	0.005729311	0.037418459
YGL02_GNYA1SO04IL6X6	8.550230759	-0.635419136	-0.225689933	-0.995297029	0.176005958	0.106567836	0.531298525	0.000150177	0.002812276
YGL02.18032.C1	6.13354298	-0.635464722	0.123492476	-0.224942619	0.228047546	0.137027745	0.222752164	0.006154699	0.039339591
YGL02_GNYA1SO04IJU5Q	7.298447853	-0.635495374	-0.500603998	-0.506501999	-0.316102725	0.300967971	0.446328841	0.002572203	0.020991595
YGL02_GNYA1SO04JXSLY	9.097043957	-0.635512525	-0.068613711	-0.484232724	-0.110741305	0.196052957	0.948570992	2.92E-05	0.000903177
YGL02_GNYA1SO04I1UJH	9.134545514	-0.635524726	-0.018570352	-0.584525893	-0.508902433	0.34060786	0.579342332	6.07E-05	0.00148774
YGL02_GNYA1SO04IM0PF	6.160483795	-0.635541377	0.587068438	0.216138589	-0.088391761	0.348527315	0.35850465	0.006565584	0.041196159
YGL02_GNYA1SO04H86GX	10.49065146	-0.635698791	-0.260871174	-0.470608207	-0.064631329	0.146291893	0.47598387	0.000424157	0.005821049
YGL02.12369.C1	8.450972027	-0.635781754	-0.321841635	0.015300926	-0.168682772	0.232037279	0.348271383	0.000457882	0.00614178
YGL02.320.C1	8.655275945	-0.635902185	-0.162693808	-0.303691393	-0.169603029	0.182422684	0.540929561	1.48E-05	0.00056376
YGL02_GNYA1SO04IVY41	6.847095593	-0.636332904	0.227177953	-0.494270038	0.077451444	-0.053442219	0.834872151	0.000415656	0.005743335
YGL02_GNYA1SO04H5472	9.06343998	-0.636340163	-0.282702868	-0.501413017	0.249881908	0.232654026	0.197327328	0.000132778	0.002583691
YGL02.20867.C1	6.051261827	-0.636383278	0.265984211	0.192253525	-0.022353776	0.011475079	-0.003177298	0.001887086	0.016836997
YGL02_GNYA1SO04JFWWU	9.120467346	-0.636570314	-0.371890716	-0.496179112	-0.235169825	0.083311584	0.250150192	0.000110075	0.002270314
YGL02_GNYA1SO04JRLV8	10.63291142	-0.636587928	0.674136818	0.474651283	-0.49623379	0.237112686	0.407824191	4.11E-05	0.00114274
YGL02.15793.C1	6.320741646	-0.636759409	-0.061507728	-0.344327593	0.368635348	0.024309555	0.188638867	0.004574512	0.031728758
YGL02.19610.C1	10.19792958	-0.636877256	-0.570125626	-0.011274342	-0.08000625	-0.229352664	0.000298836	0.003905624	0.028279788
YGL02.22048.C1	7.641658351	-0.636925093	-0.061948871	-0.927840151	0.006220378	-0.081117255	0.106324765	0.006623188	0.041462262
YGL02.121.C1	10.95677699	-0.636932455	-0.273217716	-0.357063668	-0.032636722	-0.009830467	0.551624714	0.000838447	0.009464292
YGL02.10351.C1	10.54126191	-0.636964595	-0.204317373	-0.928385707	-0.053146645	-0.082696297	0.193626104	0.001131624	0.011690697
YGL02.643.C1	8.927870463	-0.637046266	-0.187733025	-0.421620584	0.048326016	0.116695158	0.295786626	0.002277659	0.019253991
YGL02.12735.C2	8.717232547	-0.637098834	-0.017188227	-0.272455329	-0.054162536	-0.013298751	0.490980365	3.57E-05	0.001039792
YGL02.4589.C1	9.72685491	-0.637369014	-0.185941677	-0.201091126	0.143511959	0.297705568	1.078137259	0.000545905	0.006955968
YGL02.17481.C1	9.400359442	-0.637694891	-0.296430338	-0.711499581	0.05899931	0.208080169	0.466843884	0.001405617	0.013645004
YGL02.2276.C1	8.607051324	-0.637981242	-0.052304177	0.069396215	-0.140916485	0.332581988	0.21199528	0.001081368	0.011315024
YGL02.560.C2	10.2098133	-0.638059504	-0.066144902	-0.342399438	-0.029561256	0.243671189	0.396425114	0.000513903	0.006650281
YGL02.15045.C1	7.002969947	-0.638143383	-2.05904394	-1.515969213	0.370434395	1.042365146	0.579062134	0.006283665	0.039923504
YGL02.16990.C1	6.217460458	-0.638186482	0.105040311	-0.386775023	-0.060093666	-0.239230679	0.294575378	0.000931173	0.010194

YGL02.17944.C1	8.774499538	-0.638283324	-0.173150792	-0.810201284	0.008577962	0.066149828	0.394677358	0.001192961	0.012140343
YGL02.21705.C1	6.704856529	-0.638727381	-0.313138745	-0.028226847	0.065290815	0.339351104	0.421667079	0.002993097	0.023387201
YGL02_GNYA1SO04IXJTN	8.520861275	-0.638813617	0.186367786	-0.05756065	0.079024984	0.217713145	0.490913585	0.000750596	0.008752935
YGL02.425.C2	11.54199546	-0.638972081	-0.085851634	-0.444699617	-0.25905095	0.017905335	0.208996326	7.31E-05	0.001700487
YGL02.3872.C1	11.26043037	-0.639099843	-0.044471132	-0.393485891	0.026668976	0.32231022	0.921115816	0.007257027	0.044295303
YGL02.19169.C1	8.495170396	-0.639114833	-0.253103897	-0.669557983	-0.300666635	0.255429436	0.590345486	0.000103464	0.002172235
YGL02_GNYA1SO04H5JIJ	9.980066444	-0.639288816	-0.327374677	-0.540918034	0.144915287	0.257860247	0.370416732	3.35E-05	0.000992992
YGL02_GNYA1SO04JGL89	11.53228716	-0.639301931	-0.026769411	-0.28375014	0.582755111	0.017386606	-0.065645569	0.000365917	0.00525338
YGL02_GNYA1SO04H78VR	9.118712894	-0.639509892	0.120025022	0.092321563	0.402228872	0.233107253	0.131026405	5.27E-05	0.001349193
YGL02_GNYA1SO04JGFWB	8.95009304	-0.639512097	-0.284744849	-0.505996376	-0.590625753	0.244555613	0.799408527	5.99E-05	0.001474559
YGL02_GNYA1SO04JS48Y	12.09436606	-0.639797777	-0.107088602	-0.773217719	-0.384262818	-0.02170481	0.783818357	0.000197056	0.003394299
YGL02.19230.C1	12.42890261	-0.640290742	-0.07463689	-0.248626867	0.392730356	0.122386819	0.185616013	0.000247933	0.003986931
YGL02_GNYA1SO04IOJ55	8.401162933	-0.640361356	-0.488443113	-0.953026732	-0.111813734	0.159672621	0.428197857	0.002405852	0.020018798
YGL02_GNYA1SO04JFWMN	8.481351986	-0.640452826	0.125735991	-0.304790277	0.464770743	-0.004358756	0.337911664	0.001645574	0.015281278
YGL02.17704.C1	8.369571328	-0.640500935	-0.239203549	-0.590903898	0.190291981	0.187693432	0.321805248	0.000415871	0.005745697
YGL02.3497.C2	6.885900497	-0.640644632	0.524673876	0.305694148	0.035468709	-0.265356053	-0.083050252	0.004794914	0.032883061
YGL02.2115.C1	9.92856518	-0.640928382	-0.254786467	-0.242572568	-0.201814113	0.042889477	0.158142353	0.001749351	0.015978074
YGL02_GNYA1SO04IUVL5	7.879088743	-0.641182061	-0.361362654	-0.100925161	-0.117018636	-0.360115816	0.192899351	0.00211326	0.018217449
YGL02.12953.C1	6.862599828	-0.641302873	0.390760423	-0.151063088	-0.140298528	-0.148517476	0.482386997	0.001146049	0.011808633
YGL02_GNYA1SO04I1U2Y	10.0282751	-0.641310143	-0.130728286	-0.812802304	-0.175336174	0.13830003	0.729767704	0.000177727	0.003153825
YGL02_GNYA1SO04I9P2Y	9.130102122	-0.641324568	0.068790066	-0.081110027	0.156028946	0.112782204	0.193574918	0.000509551	0.006607163
YGL02_GNYA1SO04JSFDM	10.51764808	-0.641357068	0.571729622	0.403800301	-0.37716846	0.294984877	0.455832105	8.52E-05	0.001895056
YGL02_GNYA1SO04I12WW	6.98942669	-0.641391469	-0.193333569	-0.537532397	0.05157093	0.115650423	0.514130688	0.00265776	0.021496974
YGL02_GNYA1SO04I9E3H	10.561052	-0.64143332	-0.147178427	-0.313264258	0.112681731	0.294236943	0.628517595	2.35E-05	0.000774495
YGL02_GNYA1SO04IX6FO	9.872202747	-0.641614071	-0.175585034	-0.302700889	0.487198125	-0.171840246	-0.217029608	0.004171577	0.029698193
YGL02_GNYA1SO04IIV2Z	7.97940594	-0.641723682	-0.330430108	-0.124090517	-0.175490831	0.286726306	0.485131696	6.30E-05	0.001524186
YGL02_GNYA1SO04H3BTD	8.495941745	-0.641891676	0.244081179	0.087144124	-0.355304114	0.150025807	0.24133281	0.000736596	0.008633138
YGL02.6626.C1	9.289566925	-0.641910328	-0.303534247	-0.658695439	0.090090169	0.106240643	0.541677092	0.00123163	0.012415802
YGL02.22680.C1	7.996973326	-0.642028421	0.369393199	0.292474503	-0.348892064	0.34160415	0.370904627	0.008301473	0.048736177
YGL02.6026.C1	9.239313261	-0.642031945	0.036003306	-0.417096384	-0.110059033	0.130333572	0.65395279	0.00024979	0.004010754
YGL02.5017.C3	11.27926416	-0.642137497	0.141692648	-0.220936687	-0.481529692	0.247148657	0.640431997	9.10E-05	0.001989915
YGL02.13632.C1	6.97920373	-0.642216825	-0.474149385	-0.983866223	-0.165727606	-0.053585108	0.603960681	0.003647483	0.0269263
YGL02_GNYA1SO04I1NRE	9.207081909	-0.642265727	-0.33211883	-0.645493392	0.001428202	0.509792409	0.434848294	0.002000846	0.017556934
YGL02.23688.C1	7.537188119	-0.642270348	-0.779010688	-0.313683411	-0.073962574	0.213802503	0.309610896	0.001608102	0.015026956
YGL02.938.C1	10.00760055	-0.642304043	0.029240276	-0.790255225	-0.298009535	0.248114695	0.098092904	0.001405068	0.013641679
YGL02_GNYA1SO04IMKSA	7.810182508	-0.642323037	-0.029330412	-0.277810183	0.116052801	-0.012734019	0.034453907	0.001200151	0.012186698
YGL02_GNYA1SO04JH7TC	8.234460137	-0.642443147	-0.14017557	-0.187492221	-0.141056511	0.020023686	0.591312193	0.000283101	0.00439513
YGL02.12240.C2	7.64131869	-0.642473317	-0.098816572	-0.380651268	-0.03696917	-0.162757332	-0.020573435	0.00053371	0.006838253
YGL02_GNYA1SO04JNT5T	8.353631308	-0.642553143	-0.313150543	-0.410699355	-0.139508589	0.416483198	0.735848784	0.000636564	0.007764302
YGL02.831.C2	7.232649981	-0.642618486	-0.690455824	-0.590080519	0.146948228	0.123766182	0.347568283	0.005846601	0.037950983
YGL02.866.C1	6.043228327	-0.642729047	-0.329963518	-0.021773639	-0.078597546	-0.449948172	1.00882387	0.00283087	0.022507532
YGL02.420.C1	9.453738108	-0.642914913	0.016387289	-0.595041673	-0.082301122	-0.026994133	0.671263907	3.27E-05	0.000977215
YGL02_GNYA1SO04JTTX3	11.10802707	-0.643142519	-0.74002211	-0.534779294	-0.219354986	-0.40372438	0.192640196	0.0018814	0.016802561
YGL02_GNYA1SO04H5888	7.21832784	-0.643182292	-0.068496755	0.396002296	-0.472086531	0.116741633	0.161955107	0.003553405	0.026447393
YGL02.7989.C1	7.319166481	-0.643287369	0.008928134	-0.923441793	-0.195265097	0.202704026	0.759865561	0.00387096	0.028101854
YGL02_GNYA1SO04JWIXA	8.342081048	-0.643307967	-0.212595765	-0.185403993	-0.264329295	0.085518865	0.371979889	0.005169101	0.03471566
YGL02_GNYA1SO04IYTSX	7.672174597	-0.643353531	-0.616063877	-1.162686653	0.34275533	0.157647564	0.100618615	0.000848443	0.00954575
YGL02_GNYA1SO04I7WF8	7.049095235	-0.643470784	-0.154500829	-0.162496432	0.178465124	0.148611658	0.225596034	0.001146443	0.011808929
YGL02.19067.C1	3.608047582	-0.643543988	-0.314165192	-0.677258386	0.010450358	0.188049245	0.616563654	0.000382026	0.005415009
YGL02.1499.C3	9.842013144	-0.643629609	-0.903073655	-1.090475886	-0.168286284	-0.013769866	0.122771477	0.00495044	0.033666166
YGL02_GNYA1SO04IK2EF	8.404465334	-0.643674637	-0.353184793	-0.668641548	0.006847704	0.123947671	0.16633599	6.82E-05	0.001616878
YGL02_GNYA1SO04IMVFE	8.661706853	-0.644233321	0.418878397	-0.039490772	0.075074489	0.209053913	0.61317576	0.000769338	0.008905825
YGL02.11831.C1	8.600285329	-0.644269458	-0.010066233	-0.42800059	-0.026275571	0.274724533	0.41138979	0.000205798	0.003493766
YGL02.3842.C5	10.57165872	-0.644283926	-0.359134187	-0.533336919	-0.30265085	0.266114953	0.631973395	0.00077119	0.008919915
YGL02.16001.C1	3.966201453	-0.644446947	0.071517736	-0.178511191	0.714156756	0.310275178	0.036611243	0.00694049	0.042823439
YGL02.10694.C1	9.663391142	-0.644580492	-0.129961813	-0.303536281	0.172199762	-0.028352428	0.599738687	0.000830483	0.009404957
YGL02.4270.C1	9.953412494	-0.644647278	-0.016526304	-0.100057704	0.008277813	0.172486395	0.54819581	0.000155837	0.002882115
YGL02.1006.C2	8.187314991	-0.644730883	0.018279516	-0.288165111	-0.148918005	0.086568686	0.485730569	0.000212392	0.003578678
YGL02.14233.C1	9.066964699	-0.645090824	0.145911678	-0.185893596	0.116856276	-0.10261507	0.200279677	0.000217079	0.003636367
YGL02.1157.C1	9.218692024	-0.645278117	-0.031126486	-0.309104655	0.611711058	0.016667496	0.035736503	0.000678597	0.008132981
YGL02.6070.C1	7.822845538	-0.645594391	0.086439078	-0.374141602	-0.198118004	0.226880399	0.52917438	0.000158786	0.002916654
YGL02.2119.C1	8.813301189	-0.645826276	-0.124280548	-0.402050511	-0.052189183	0.238123042	0.618314279	0.001332364	0.013128768
YGL02.9871.C3	9.589311861	-0.645986884	-0.078504547	-0.336448029	-0.430218822	0.092501308	0.17361307	0.001469027	0.014093629
YGL02_GNYA1SO04JR215	7.737309634	-0.646149512	0.027704516	-0.294465019	-0.159650633	0.16088806	0.533130541	0.000148398	0.002789949
YGL02.4031.C1	6.932771077	-0.646336475	-0.164408263	-0.522084714	0.152399175	0.468537592	0.41291346	0.003731599	0.027380243
YGL02_GNYA1SO04IAD1E	8.391850813	-0.646360059	0.00926592	-0.010552056	-0.364673786	0.07198915	0.57203542	0.002075033	0.017999344
YGL02_GNYA1SO04IEBH3	7.505918933	-0.646374103	-0.077316525	-0.501140648	-0.026519383	0.551763026	0.88783125	0.000486501	0.006403818
YGL02.3115.C1	8.669579016	-0.646739742	0.304833059	-0.218666143	-0.318537351	0.000858856	0.342078715	8.79E-05	0.001941406
YGL02_GNYA1SO04H7GBU	9.238018338	-0.646758423	0.114679245	-0.210564547	-0.251022522	0.362076161	0.527850112	0.00259218	0.021110049
YGL02_GNYA1SO04ILKN5	7.288109917	-0.646802122	-0.153031126	-0.24179723	0.628543087	-0.094026524	-0.219999349	0.003544933	0.026414647
YGL02_GNYA1SO04H2SJ4	9.556663409	-0.646853703	0.084056701	0.034046348	-0.138929089	-0.001396164	0.143883214	2.16E-06	0.000163404
YGL02.21906.C1	6.612934139	-0.646889361	0.035425371	-0.247046677	0.008251866	0.118339658	0.377503289	0.005985283	0.03857468
YGL02_GNYA1SO04JKESB	7.671617504	-0.646927863	0.544433004	-0.567755098	0.215849366	0.184041171	0.161003842	0.001167495	0.011957293
YGL02.11122.C2	5.552193217	-0.646961409	0.886607086	0.316819873	-0.130894954	0.262448521	0.637195966	0.003857278	0.028030816
YGL02.2108.C1	11.12753915	-0.647108807	0.033352209	-0.193281735	-0.014767933	-0.054895945	0.577268891	4.43E-05	0.001202488
YGL02.21470.C1	6.836531554	-0.647218655	-0.081865563	-0.114042194	0.502321307	0.262331916	0.384310944	0.000922166	0.01012879
YGL02.3933.C2	6.547955299	-0.647267249	-0.122698032	-0.661822641	-0.176298941	0.54863218	0.972513445	0.006684362	0.041737223
YGL02.11457.C1	8.724080359	-0.647270481	-0.014747476	-0.253429244	-0.012060558	0.245819766	0.607753487	0.000142612	0.002713629
YGL02_GNYA1SO04IBGO6	9.649315528	-0.647452748	-0.104160439	-0.352112809	0.485512059	0.065294557	0.129596659	0.000553223	0.007026374
YGL02.9937.C1	9.138031893	-0.64768034	-0.336222254	-0.319222607	-0.214174073	0.222798892	0.350169441	5.22E-05	0.00133755
YGL02_GNYA1SO04H2IWS	9.312416501	-0.647689102	-0.222974839	-0.747175786	-0.149709104	-5.34E-05	0.407517636	6.08E-05	0.001489187
YGL02_GNYA1SO04H0LS3	10.33640327	-0.64771971	0.054140883	-0.180733609	0.034781578	0.096052904	0.393913548	0.000117545	0.002368424
YGL02_GNYA1SO04IN8OD	7.214717019	-0.647790859	-0.092951549	-0.131216131	-0.008866946	0.260455952	0.271645816	9.75E-05	0.002085024
YGL02_GNYA1SO04H09WR	7.137750679	-0.647892224	-0.061126787	-0.638404261	-0.0447921	0.201017998	0.763738027	0.000243854	0.003943384
YGL02.4954.C1	8.977719359	-0.647995615	-0.148690478	-0.536852238	0.154209167	0.303448574	0.914971633	0.005418035	0.035923592
YGL02_GNYA1SO04HZ0L9	10.36098357	-0.64859956	-0.0775777	-0.460537581	0.230538648	0.104121482	0.4584656	0.008371457	0.049035886
YGL02_GNYA1SO04JKFX8	10.66850623	-0.648649929	-0.267254037	-0.517389254	0.140291533	0.145934835	0.494482757	3.60E-05	0.001046097
YGL02.9410.C1	8.821541188	-0.648652058	0.299048681	-0.170936647	-0.045984066	0.365825079	0.633602369	5.20E-05	0.001336616
YGL02_GNYA1SO04J0EPP	8.055763491	-0.64891633	0.003420956	-0.117903349	0.219725257	0.255202788	0.627045926	3.25E-05	0.000973866
YGL02_GNYA1SO04I0D87	7.598858828	-0.649528607	-0.363147523	-0.712572654	0.036665862	0.16772226	0.426486692	0.006256934	0.039808357

YGL02_GNYA1SO04H6TVA	14.72196123	-0.649812811	-0.130895454	-0.532567357	0.065875687	0.053629223	0.537026975	8.33E-06	0.000386927
YGL02.22282.C1	6.915311367	-0.649891367	0.418468417	-0.167461452	-0.917585956	-0.00403746	0.478798605	0.00769225	0.046206959
YGL02_GNYA1SO04JTV3K	7.586744078	-0.649939501	-0.11851738	-0.459713614	0.192269163	-0.103264263	0.570217253	0.00030573	0.00464306
YGL02.23003.C1	5.416566394	-0.650178575	0.05766927	-0.421358925	0.091313697	-0.370954874	0.525886033	0.003335313	0.025271535
YGL02_GNYA1SO04ISJB7	8.715784873	-0.650344114	-0.134717302	-0.407488091	-0.179252649	0.053070197	0.349486686	6.53E-05	0.001563244
YGL02_GNYA1SO04I0C6I	7.442959171	-0.650364108	-0.503063255	-0.173006243	0.15694781	0.164691791	0.360787728	0.001724945	0.015808681
YGL02_GNYA1SO04JGCQI	8.16794484	-0.650477837	-0.179750649	-0.116876932	-0.580181721	0.194907388	0.582800026	0.000575835	0.007227953
YGL02.4858.C1	7.054587232	-0.650594311	-0.001523793	-0.322753064	0.360504597	-0.002163042	-0.278004838	0.004691273	0.032341863
YGL02.6515.C1	11.30049774	-0.650680408	0.136354369	0.197154832	0.34312212	0.198682667	0.66381011	0.004832453	0.033063813
YGL02.4890.C1	10.22462769	-0.650748353	-0.280913201	-0.491913173	-0.138327024	0.309863309	0.370236722	5.92E-06	0.000309607
YGL02_GNYA1SO04JIDPI	9.79401248	-0.650770793	-0.250228772	-0.694020679	-0.298088984	0.188231502	0.6399875	7.11E-05	0.001665244
YGL02.2859.C2	8.732892992	-0.651180222	-0.146144574	-0.61586559	-0.426527299	0.150978155	0.639117971	0.00039245	0.005518075
YGL02.14613.C3	9.165319748	-0.651217791	-0.236770521	-0.722489946	-0.0838239	0.163014045	0.653993695	0.001650779	0.015308308
YGL02.20218.C1	7.424595054	-0.651243708	-0.448192262	-0.809751705	0.011764474	0.2261419	0.363925865	0.003595723	0.026678026
YGL02_GNYA1SO04I7LD1	8.079574102	-0.651282804	-0.118279869	-0.378243908	0.005131488	0.321632737	0.493135225	4.41E-05	0.00119981
YGL02.4324.C1	8.613606876	-0.651355812	-0.041283115	-0.319874402	-0.013682685	0.169097478	0.463782058	1.05E-05	0.000447956
YGL02_GNYA1SO04IU4DC	13.3683344	-0.651520892	-0.022631122	-0.197059437	-0.285697559	0.252853526	0.549445966	6.86E-05	0.001623872
YGL02_GNYA1SO04JE89P	9.805461836	-0.65154287	0.335740579	0.216519748	-0.06532906	0.28213544	0.878133282	0.008279527	0.048647035
YGL02.13712.C1	6.401994571	-0.651572332	0.204740926	-0.623835626	0.158426053	-0.113553833	0.654651139	0.000189235	0.003299734
YGL02.2117.C7	10.89842633	-0.651618966	-0.321096778	-0.348962486	0.036253251	-0.007813299	0.447540005	0.000609446	0.007517231
YGL02.1948.C2	8.158650097	-0.651834028	-0.144649264	-0.446616613	-0.183470341	0.113944272	0.352855165	0.00729705	0.044476706
YGL02_GNYA1SO04H54PC	6.996127386	-0.651928732	-0.14389706	-0.289668122	-0.349237155	0.43056897	0.507916416	0.004643907	0.032092206
YGL02.157.C1	7.067174095	-0.651937422	-0.311750491	-0.401728243	-0.30973887	0.531213086	0.524810727	0.000387331	0.00546746
YGL02_GNYA1SO04I66DL	11.7539317	-0.652083765	0.036677826	-0.313016642	-0.08215652	0.016157308	0.344850943	0.000295726	0.004530985
YGL02.21082.C1	8.263203359	-0.652132551	-0.122468093	-0.538611379	-0.046500652	0.165702375	0.509894639	0.001709368	0.015708867
YGL02.11576.C2	8.53053539	-0.652134214	-0.166384587	-0.235876266	-0.284072961	0.248819674	0.406578898	0.001280913	0.012759653
YGL02.1242.C1	10.60514986	-0.652229469	0.189213971	-0.030551737	0.404495105	0.106993243	0.231676418	0.007424658	0.045034052
YGL02.21889.C1	7.90146957	-0.652243476	0.498736616	-0.572092622	0.220751493	0.090351606	0.261911006	0.00121465	0.012302093
YGL02.8079.C2	7.850454255	-0.652347815	-0.135864822	-0.437022644	-0.059226756	0.26404566	0.501019429	2.81E-05	0.000879324
YGL02.1655.C1	6.96605913	-0.652672394	-0.006596335	-0.237537592	0.371307773	0.149423858	0.48908448	0.003702583	0.027219777
YGL02_GNYA1SO04IEW67	6.382173687	-0.652735271	-0.264203862	-0.664905424	-0.334044006	-0.09904771	0.495736086	0.007181653	0.04397203
YGL02.15842.C1	7.342963652	-0.65281213	-0.067930784	-0.493289426	-0.082451969	0.221963477	0.590705203	0.003755016	0.027500626
YGL02.4479.C1	10.73509253	-0.652856835	0.001368216	0.408023883	0.09544792	0.147212595	0.4240614	3.09E-05	0.00093931
YGL02_GNYA1SO04JXAJK	6.512057417	-0.6528877	-0.146383337	-0.043770495	0.872977994	0.322392431	0.396294113	0.003232786	0.024724709
YGL02_GNYA1SO04I1075	7.230046283	-0.652910045	0.010876316	-0.402845215	-0.026714271	0.07833418	0.66411424	5.85E-05	0.001451418
YGL02.1424.C1	7.688417585	-0.652969262	-0.27755616	-0.758729544	0.119692143	0.021443718	0.509859327	0.000543569	0.006937804
YGL02.3959.C1	7.948959537	-0.653002026	-0.091479225	-0.369096114	0.033227521	0.235649379	0.469890113	0.001192531	0.012137873
YGL02_GNYA1SO04I0E53	7.858488325	-0.653080676	-0.053305705	-0.493426069	-0.127648439	0.172481304	0.712548936	0.00164605	0.015283562
YGL02_GNYA1SO04INZ0A	6.888801531	-0.653150231	-0.04671989	0.047753678	0.16209896	0.01827257	0.357353651	0.003672045	0.0270675
YGL02_GNYA1SO04JVYFC	10.01938285	-0.653360277	0.312860761	0.173521144	-0.030410337	0.247957496	0.500320584	0.006695259	0.041779924
YGL02.7075.C1	10.47621248	-0.65340562	-0.064738307	-0.123078493	-0.001958316	0.005372921	0.365210518	0.000187119	0.003271871
YGL02_GNYA1SO04H164Q	7.750768655	-0.653467426	-0.436695885	-0.600520534	-0.012186462	0.407839927	0.54589374	0.000315999	0.00475055
YGL02.12711.C1	7.923900098	-0.653612804	0.216676414	0.268473158	0.375912504	0.251777179	-0.006583566	0.000360869	0.005199926
YGL02_GNYA1SO04ILITF	7.162208813	-0.653750003	0.22722945	-0.145698163	0.509364111	-0.081724564	0.02173602	0.005230409	0.035036551
YGL02.19188.C1	6.418520791	-0.653755392	-0.537265505	-0.537785179	0.273119818	0.447280094	0.492667095	0.002883214	0.022793051
YGL02.11236.C1	3.39088158	-0.653858002	-0.444414754	-0.46995685	0.166498922	0.461207254	0.487050477	0.005355021	0.035617313
YGL02.14218.C1	5.621533399	-0.653921845	-0.306380557	-0.794213869	-0.092677328	-0.008328827	0.743158013	0.001149649	0.011828778
YGL02.15708.C1	5.596531705	-0.654206775	0.484872479	-0.454858504	0.086145009	-0.497742803	0.389216788	0.000101513	0.002146898
YGL02.21902.C1	8.237957313	-0.654380762	-0.008228115	0.125008216	-0.004902882	0.228217341	0.227046938	0.000119568	0.002399472
YGL02.3349.C1	8.209572583	-0.654491847	0.068834905	-0.221171149	-0.315412989	0.029438441	0.482453463	0.000692121	0.008246977
YGL02_GNYA1SO04INY51	8.214826477	-0.65467427	0.221167443	-0.110988786	-0.291631173	-0.116459972	-0.026940298	0.000178119	0.003156709
YGL02_GNYA1SO04IE36G	7.090266329	-0.654979053	-0.094563807	-0.481083161	0.028878748	-0.183505143	0.108939811	0.0052975	0.03535429
YGL02.4673.C1	8.167830488	-0.655006757	-0.32654519	-0.59195119	0.637598523	0.256874943	0.560781014	0.00066609	0.008021693
YGL02_GNYA1SO04I1LA0	8.939604448	-0.655038726	-0.207070508	-0.394377022	0.007228517	0.122094464	0.1148068	0.000202828	0.003464225
YGL02_GNYA1SO04I3SSC	7.034149693	-0.655041237	-0.247118934	-0.146561867	0.069523052	0.227424573	0.271013334	0.000184605	0.003238858
YGL02_GNYA1SO04IO9CJ	10.69666818	-0.655063524	0.040526025	-0.253262193	-0.111255428	0.16322261	0.528354102	5.39E-05	0.001371333
YGL02_GNYA1SO04H1J67	12.83345258	-0.655068645	0.021690566	-0.415985829	-0.423990756	0.051487132	0.419304481	0.000436705	0.005932277
YGL02_GNYA1SO04JJGTX	9.214577618	-0.655231231	0.016310803	-0.604827954	-0.437517869	-0.017966746	0.675588768	1.72E-05	0.000621066
YGL02.12538.C2	6.230015727	-0.655232628	-0.85204554	-0.80497017	-0.258985915	0.58987516	0.743376188	0.001299756	0.01290071
YGL02.1249.C1	12.02822469	-0.655247657	-0.116693358	-0.329900455	-0.270498166	0.225083386	0.66548327	1.13E-05	0.000469846
YGL02.18808.C1	6.423523995	-0.65546194	-0.146172878	-0.312866991	0.205845256	0.21139882	0.386980359	0.008336136	0.048884609
YGL02_GNYA1SO04IWL6D	8.893074438	-0.655529577	-0.329862881	-1.268401628	0.210623977	0.048137293	-0.453957645	0.005093621	0.034337371
YGL02_GNYA1SO04I2VQL	8.834044134	-0.655573015	0.221240527	-0.376535018	0.353141672	0.355211536	0.381754448	0.000537178	0.006873169
YGL02.8383.C1	10.03722899	-0.655691282	-0.282738267	-0.468837386	-0.018754769	0.156797668	0.314014289	0.00043597	0.005927267
YGL02.12557.C1	7.351901443	-0.655696415	-0.036527628	-0.330008962	0.2397757	0.231890744	0.652046903	0.000233963	0.003830295
YGL02.6210.C3	10.8608869	-0.655712348	-0.115145193	-0.239709196	-0.26040025	0.077649845	0.450621765	7.89E-06	0.000372895
YGL02_GNYA1SO04IX77K	7.83821309	-0.655918224	-0.056296103	-0.310569539	0.467538642	-0.037927936	-0.079824917	0.005153954	0.034648074
YGL02_GNYA1SO04JUY9O	3.905950179	-0.655997863	-0.712670358	-0.83300462	-0.298307534	0.655503978	0.632404232	0.006952592	0.042877679
YGL02_GNYA1SO04JJNNC	7.783441943	-0.656022206	-0.254860139	-0.594019067	0.030094823	0.211749484	0.445849896	0.002082008	0.018043259
YGL02.3842.C4	10.24316234	-0.656095427	-0.344036186	-0.516460269	-0.242152863	0.213834729	0.593987324	3.32E-05	0.000988416
YGL02_GNYA1SO04IJGD3	10.05403475	-0.656117109	-0.055015074	-0.324311459	0.025592126	0.109142291	0.401032828	2.89E-05	0.000898619
YGL02_GNYA1SO04JBQ6C	7.436299143	-0.656156585	0.169868399	-0.18586918	0.450964282	-0.039633655	0.404257233	0.00121365	0.012293065
YGL02.1391.C1	6.391151402	-0.656385968	0.231610516	0.227061881	-0.403055968	0.082958819	0.423102135	0.005435402	0.036007405
YGL02.8662.C1	10.37595447	-0.656397089	-0.449248092	-0.866589224	-0.562530998	-0.035734612	0.437326294	0.001418348	0.01373662
YGL02.16573.C1	7.200842945	-0.656483272	-0.198915441	-0.093104943	-0.284971037	0.211673037	0.134278699	0.00150847	0.014359275
YGL02.8835.C2	9.017188696	-0.656598801	-0.144112642	-0.737605483	0.190767676	0.074638562	0.561891506	0.000475557	0.006301683
YGL02.2044.C1	6.437312827	-0.65676664	-3.459015211	-0.860446899	-0.101924589	0.703295171	0.544960598	0.000100929	0.002139137
YGL02.635.C3	11.15542194	-0.656956351	-0.360321055	-0.39924349	-0.277985675	0.14523145	0.514975522	1.90E-05	0.000669248
YGL02.3622.C1	7.703192661	-0.657012939	-0.252689823	-0.776592186	-0.756944473	0.175265432	0.426128226	0.002358157	0.019732243
YGL02_GNYA1SO04I8GQQ	8.001789943	-0.657660619	-0.200223907	-0.536608234	0.439214999	0.418538805	0.689613939	0.000127739	0.002509373
YGL02_GNYA1SO04IWWVA	10.20370619	-0.65778068	0.008012589	-0.319459761	1.147942002	0.014072698	0.010555386	0.002110636	0.01820695
YGL02_GNYA1SO04IP656	11.22159647	-0.657945333	-0.81723383	-0.521005216	-0.285220786	-0.304899628	0.156739984	0.001786046	0.016214877
YGL02.6895.C1	7.996633083	-0.658030572	-0.696684216	-0.919455503	-0.013970759	0.130854241	0.733992626	0.000324907	0.004840604
YGL02_GNYA1SO04H582F	9.394424065	-0.658278486	-0.164133569	-0.787621204	-0.093859177	0.062512791	0.524110655	0.000125988	0.002485176
YGL02_GNYA1SO04JXS3B	9.792216314	-0.658443557	-0.024602409	-0.213421539	0.076315961	0.20118963	0.462124887	8.62E-05	0.001910155
YGL02.16543.C1	7.244788428	-0.658515086	-0.08077606	-1.065811211	-0.089258254	0.001287641	0.984934459	0.004330733	0.030492629
YGL02.3518.C1	10.55688805	-0.658557668	-0.333750188	-0.515399601	-0.198640501	0.199691685	0.372903963	2.30E-05	0.00076388
YGL02.14623.C2	10.37560151	-0.658627566	-0.18186098	-0.273639175	-0.049541648	0.021029025	0.427525613	4.11E-06	0.000245581
YGL02_GNYA1SO04IJLKR	10.97886205	-0.658786999	-0.191552706	-0.410866917	-0.368294432	0.354479911	0.714624775	0.000289572	0.004463624
YGL02.626.C1	10.04276697	-0.658905689	-0.013264285	-0.212073628	-0.084920583	-0.05351869	0.094700205	0.000148735	0.002794641

YGL02.329.C60	6.914963981	-0.659219373	0.047216833	-0.005784011	0.23104023	0.155374927	0.32796097	0.00145802	0.014017103
YGL02.6374.C2	8.077055741	-0.659575887	-0.301469387	-0.659546174	0.562118731	0.125171876	0.044851366	0.000490651	0.006441108
YGL02.575.C3	10.27305108	-0.659765074	0.222058653	-0.018902311	0.029106361	0.163458776	0.261508278	0.000146342	0.002761726
YGL02_GNYA1SO04I9VMM	8.57137187	-0.659772445	-0.133542379	-0.063974673	-0.39415393	0.236890597	-0.044856823	3.86E-05	0.001097823
YGL02.2493.C2	8.070373051	-0.659777807	-0.175599067	0.090406451	-0.138956072	0.023816736	0.288609134	7.77E-05	0.00177741
YGL02_GNYA1SO04I0FUG	7.222347369	-0.659803546	0.234143729	0.338810828	0.106425255	0.156859873	0.264944216	0.002670665	0.021561307
YGL02_GNYA1SO04JS75X	9.435858663	-0.659832887	-0.333593541	-0.58629536	-0.277687366	0.085788407	0.657669159	0.000243887	0.003943421
YGL02.10227.C1	5.867050631	-0.659839898	0.282074566	0.053696491	-0.116240888	0.235381344	0.262193713	0.006680048	0.041715626
YGL02_GNYA1SO04JSYM9	7.637074488	-0.65999411	-0.019392078	-0.151779588	-0.349539704	0.315781557	0.266496913	0.000282051	0.004384753
YGL02.6819.C1	7.840649536	-0.660217367	0.475863807	0.178387406	-0.209773629	0.237539391	0.440588851	0.000196255	0.003383819
YGL02.16534.C1	8.982451517	-0.660332934	-0.156211552	-0.358888402	0.026125127	-0.051940521	0.131452183	3.88E-05	0.001099021
YGL02.9865.C2	8.005966445	-0.660348082	-0.127746169	-0.707423758	0.004897677	0.150101219	0.328054281	0.000215706	0.003619264
YGL02_GNYA1SO04IC48K	7.429541943	-0.660495848	0.1181217	-0.785745168	-0.24872515	-0.053017617	0.724209959	0.005285736	0.035288513
YGL02_GNYA1SO04JWOLQ	6.802615914	-0.660653194	-0.037140295	-0.16151781	-0.239067979	0.085671471	0.482441684	0.002675181	0.021587117
YGL02_GNYA1SO04IAS70	9.975539245	-0.66068503	-0.139145385	-0.350297737	-0.099345745	0.058932348	0.355961996	0.002324185	0.019528737
YGL02.19463.C1	6.8913654	-0.660759286	0.023944078	0.133879184	-0.144761274	0.232785734	0.188594644	0.000229102	0.003773622
YGL02_GNYA1SO04IWS1X	7.367388752	-0.660914457	-0.151769071	-0.362666601	1.053345707	0.215903317	0.054944538	0.001768089	0.016090205
YGL02_GNYA1SO04I56UF	11.72549862	-0.661114487	-0.362669806	-0.635933568	-0.23539242	0.296170773	0.593949527	5.93E-05	0.001464157
YGL02.21204.C1	7.56229106	-0.66116221	0.209414924	-0.087348383	-0.031121027	0.049398936	0.347117532	5.00E-05	0.001301859
YGL02_GNYA1SO04JYY67	5.314328965	-0.661168161	-0.506852869	-0.650069511	0.357659468	0.510107596	0.657929249	0.005960091	0.038464009
YGL02_GNYA1SO04ID0AY	7.958001693	-0.661319608	0.030093359	0.151572498	-0.098669403	0.214289174	0.319843791	0.000709189	0.008393775
YGL02_GNYA1SO04JQA5N	9.669400012	-0.661323101	-0.385943587	-0.248862517	-0.030320695	0.408049621	0.346910031	0.000158055	0.002908589
YGL02_GNYA1SO04H9658	7.29093424	-0.661442101	-0.175806831	-0.484681058	0.047093719	0.472634686	0.625242643	0.000881689	0.009804791
YGL02_GNYA1SO04JQ484	10.43864321	-0.661616417	-0.195793694	-0.539964982	0.09505479	0.206997881	0.459986006	5.36E-06	0.000290559
YGL02_GNYA1SO04INM0I	7.27823922	-0.661686288	-0.689727286	-0.966101586	-0.074903614	0.754071065	1.240938039	0.001767594	0.016086893
YGL02_GNYA1SO04JN9LO	7.011022565	-0.661714812	-0.017313541	-0.239928931	0.065771204	0.09215375	0.329959502	0.000160191	0.002934552
YGL02_GNYA1SO04JJVHF	7.551454294	-0.661814371	-0.38558671	-1.167495756	0.462799418	-0.358107306	0.222902325	0.000458512	0.006145349
YGL02.7421.C1	10.78974329	-0.661834419	0.217386672	-0.196438496	-0.261275272	-0.109840901	0.541871599	0.000747178	0.008720859
YGL02_GNYA1SO04I4ACD	8.140971575	-0.662089776	-0.169942571	-0.413912075	-0.177427852	0.151095443	0.650125503	0.00063636	0.007762887
YGL02.2365.C1	8.320546335	-0.662211336	0.082919534	-0.332550334	-0.099337014	0.087111225	0.430274812	0.000149664	0.002805206
YGL02_GNYA1SO04IE1RB	8.15655124	-0.662221035	0.022186715	-0.513354048	0.032353072	0.088266678	0.403428692	0.00109201	0.01138865
YGL02_GNYA1SO04JKZ7D	7.999017429	-0.662304591	-0.076106053	-0.201011475	0.005676475	0.278908714	0.568978863	0.000963577	0.010447176
YGL02_GNYA1SO04I1K96	3.368419697	-0.662408898	-0.592514556	-0.641695092	0.106114054	0.659650235	0.659376523	0.003601781	0.026712175
YGL02.2278.C1	7.167520297	-0.662467703	0.394713419	0.335339577	-0.007271526	0.083688625	0.243127084	0.002415633	0.020076967
YGL02.12458.C1	9.427665995	-0.662470983	0.08282971	-0.163163156	-0.165111504	0.093957703	0.151605855	8.96E-05	0.001966796
YGL02.7241.C1	8.604683987	-0.662974366	-0.497878074	-1.137144998	0.050538433	0.267791668	0.489396138	0.000694347	0.008264933
YGL02.11462.C1	6.188760587	-0.662984682	0.132317186	0.091388142	0.114221582	0.463258727	0.458133808	0.0001554	0.002876164
YGL02.20505.C1	7.312743412	-0.663189007	-0.132856998	-0.40437632	0.14644675	-0.133505699	0.387542562	0.000439329	0.005957291
YGL02.18281.C1	11.96470088	-0.663208205	-0.011104742	0.011561379	0.026252894	0.028436924	0.184477035	5.53E-05	0.001395598
YGL02_GNYA1SO04IMA82	7.656190459	-0.66340819	-0.154582186	-0.447347732	0.215260076	0.234202954	0.512290661	0.000339152	0.004986317
YGL02.21651.C1	9.833425585	-0.663442301	-0.503159142	-0.969861519	0.042505846	-0.061190747	-0.130617855	0.000296076	0.004533657
YGL02.20277.C1	5.338504471	-0.663461348	-0.156803552	-0.269363024	0.075344811	-0.040796509	0.241984571	2.88E-06	0.000194671
YGL02.13199.C2	10.51895762	-0.66346724	0.225622305	-0.024165616	0.20283064	0.23289076	0.534376683	4.56E-05	0.001226286
YGL02.3911.C2	7.643306417	-0.663591053	-0.2862361	-0.443471465	0.96243882	-0.005717149	0.052608758	0.003266016	0.024908006
YGL02.15451.C1	6.66531216	-0.663825506	0.415309472	-0.020668656	0.225209567	-0.039302826	0.222076609	0.000189188	0.003299589
YGL02.5441.C2	7.028808734	-0.664032997	0.098249306	-0.29800915	0.005190681	0.154376361	0.34146475	2.34E-05	0.000772644
YGL02.7120.C3	7.659830437	-0.664050934	-0.061623294	-0.00430032	0.086495559	-0.078478704	0.125656307	2.93E-05	0.000906384
YGL02_GNYA1SO04JUMHY	7.807153335	-0.664184656	-0.097445771	-0.275319758	0.126670418	0.062147428	0.365594805	0.004963753	0.033728368
YGL02_GNYA1SO04IMG9H	7.142587307	-0.664339197	-0.536678181	-0.381863007	-0.448645173	0.500209929	0.865045315	0.001566303	0.014762216
YGL02_GNYA1SO04I7V41	8.034646623	-0.664634848	0.139484618	-0.15464251	0.791670555	-0.007404933	0.040615432	0.008386071	0.04909262
YGL02.3581.C2	8.960415595	-0.66464054	0.140589317	-0.157691098	0.139558945	0.136032251	0.370234039	0.002090937	0.018098076
YGL02.7950.C1	10.84917361	-0.664880772	-0.254354446	-0.650806181	-0.00375115	0.126471057	0.251859549	4.14E-06	0.000246672
YGL02.18395.C1	9.50913558	-0.66492839	-0.356271524	-0.040953888	0.153952561	0.230344879	0.47002565	9.06E-05	0.001982718
YGL02_GNYA1SO04I7N97	10.1347322	-0.664966835	0.033024965	0.096300939	-0.044260001	0.149184701	0.212605886	0.000459221	0.006152928
YGL02_GNYA1SO04H5TSZ	10.57106554	-0.665034421	0.056504672	-0.222118159	1.050427953	-0.046535735	0.029745781	0.001810444	0.016366075
YGL02_GNYA1SO04JU4G6	7.453902843	-0.665061624	-0.208797879	-0.340366187	-0.072007283	0.257617805	0.366582876	0.002857444	0.022655529
YGL02_GNYA1SO04I1ZPL	6.952185274	-0.665090542	-0.398002154	-0.867665001	0.407222025	0.301306451	0.875031366	0.005745226	0.037497818
YGL02_GNYA1SO04IDY2G	7.44128597	-0.665099609	-0.175963536	-0.801604741	0.055240032	0.300352235	1.258996128	0.003299235	0.025081993
YGL02_GNYA1SO04I0EDT	6.987669743	-0.665114568	-0.048839711	-0.837554029	-0.300304772	-0.001345056	0.399559544	0.008108433	0.047966028
YGL02_GNYA1SO04I3ZYQ	8.400110194	-0.66531498	-0.015233776	-0.38520727	-0.048231039	0.164742184	0.442740976	0.008031812	0.047652089
YGL02.3459.C3	9.526513717	-0.66548217	-0.242208582	-0.60342198	1.225149554	0.121144147	0.548502763	0.000176902	0.003144174
YGL02.17742.C1	6.639675847	-0.665689096	-0.130202091	-0.231497105	0.307549725	0.269757383	0.267957746	0.000202639	0.003462719
YGL02.23335.C1	5.66908779	-0.665940708	-0.127505323	0.182071472	0.15544915	0.402940123	0.154003584	0.002044351	0.017816745
YGL02.11727.C2	7.521502114	-0.666174624	-0.408844078	-0.246123449	-0.168788204	0.242888164	0.1176538	0.00016495	0.002993869
YGL02.9504.C1	8.10585427	-0.666216826	-0.283712231	-0.431053171	-0.280700132	0.338700411	0.662004586	0.000834512	0.00943574
YGL02.20799.C1	8.286922819	-0.66627659	-0.486697922	-0.663900465	-0.245189256	0.301951512	0.465298519	0.001073711	0.011261293
YGL02.23287.C1	6.827058522	-0.666389492	-0.053643926	-0.563607586	0.094112271	0.250472613	0.855665216	0.000949798	0.010346296
YGL02.21946.C1	4.990037133	-0.666409557	0.205706688	0.129261168	-0.046161165	0.1693314	0.223380931	0.008546117	0.049749673
YGL02_GNYA1SO04IHW2J	12.43964239	-0.666524523	0.221843724	-0.275088436	0.117909195	0.199048934	0.28267144	0.000849321	0.009550767
YGL02.12729.C1	9.157241759	-0.66659457	0.285095542	-0.083754653	0.404329128	-0.187599837	0.085130169	0.000266042	0.004199917
YGL02.9798.C1	6.419392907	-0.666688771	-0.379166026	-0.408435382	-0.236871893	0.175861604	0.545308941	0.00144786	0.013950497
YGL02_GNYA1SO04JFYBJ	6.121478792	-0.666731428	0.020092193	-0.222364584	0.082437654	0.333315182	0.497048097	0.007089129	0.043539327
YGL02.2519.C3	7.567151604	-0.666755911	0.474882531	0.314937504	-0.07410062	0.389704497	0.465303334	0.003836563	0.027921015
YGL02_GNYA1SO04IHAHG	3.733247216	-0.666855063	-0.583154613	-0.641289292	-0.197039621	0.49794416	0.588504663	0.005285302	0.035287434
YGL02.13933.C1	6.485981661	-0.666872233	-0.223403137	-0.355734872	-0.095698578	0.161817361	0.523153028	0.000244331	0.003949107
YGL02.16402.C1	6.375911806	-0.666977549	0.345579034	0.065238923	0.164257729	0.228381926	0.667640428	0.000497191	0.006492398
YGL02.367.C16	10.98722414	-0.667312204	-0.105158837	-0.304075474	0.788403313	-0.011588559	0.007567501	0.005755004	0.037540467
YGL02.7113.C4	3.71088742	-0.667332337	-0.834068024	-0.903151891	0.027158391	0.768147064	0.925877218	0.002872864	0.022733247
YGL02.2146.C2	7.292851147	-0.667345365	-0.261021291	-0.32442625	0.287086705	0.249747352	-0.010513906	0.00062456	0.007657179
YGL02.20889.C1	7.111866063	-0.667871512	-0.454841349	-0.682721164	-0.44322344	0.273256696	0.564421699	0.005932517	0.038345295
YGL02.6172.C1	5.610739302	-0.667881456	0.511401043	0.280649228	-0.276717025	0.142736016	0.391775967	0.001420331	0.013746615
YGL02_GNYA1SO04IRALM	14.64063742	-0.667884461	-0.175894785	-0.372422974	0.307099645	0.242780536	0.587251343	0.000160014	0.002932967
YGL02_GNYA1SO04HZ7SU	7.358737264	-0.668025412	-0.072502215	-0.258807602	-0.186190636	0.050158513	0.259313666	0.00111968	0.011603124
YGL02.20174.C1	5.774002969	-0.668302882	-0.708555137	-0.947319915	-0.054698259	0.677468776	0.598337949	0.001396484	0.013574661
YGL02_GNYA1SO04ITRH2	6.434320596	-0.668355102	0.321067579	-0.805835958	0.323652191	-0.174387518	0.462433104	0.00461694	0.031956412
YGL02.6872.C2	7.906660452	-0.668453635	0.043616823	-0.12608987	-6.17E-05	0.266199618	0.436218549	3.47E-05	0.001017078
YGL02.13516.C1	9.20404869	-0.668532896	-0.62781986	-0.254211156	0.250137492	-0.001562022	-0.100828081	0.000905485	0.010000707
YGL02.9871.C4	9.050283834	-0.668621008	-0.066448503	-0.379140925	-0.128877216	0.196609631	0.263459248	0.000103771	0.002176565
YGL02.22396.C1	7.986228984	-0.668730772	-0.194151717	-0.672997244	0.00899758	0.172463805	0.1246093	0.000184667	0.003239229
YGL02_GNYA1SO04IQA7D	9.953164221	-0.66888062	-0.033689786	-0.58125449	-0.494707685	0.187800666	0.478842384	0.003040758	0.023664156

YGL02_GNYA1SO04H17WD	11.12101818	-0.668907012	-0.140871331	-0.362563493	0.984446732	0.004163589	0.009417326	0.000303035	0.004611873
YGL02.19627.C1	9.288073547	-0.669007044	-0.031913707	0.068807375	0.130968068	0.313465745	0.040808217	0.005359133	0.035637058
YGL02_GNYA1SO04J0R8G	8.642517446	-0.669013852	-0.148928093	-0.448218065	-0.170894471	0.109080797	0.321898792	0.00361613	0.026781864
YGL02_GNYA1SO04I7Y3Y	9.933725038	-0.669523929	-0.287964132	-0.570289315	-0.343802205	0.248781764	0.707224824	0.000126387	0.00248963
YGL02.15498.C2	7.002593336	-0.669646395	0.144388884	0.7466264	0.049005011	0.310957267	0.296379073	0.000404536	0.005637202
YGL02_GNYA1SO04JU2S6	8.763071557	-0.669731235	0.276659379	-0.165273663	-0.826207885	-0.073630227	0.75742544	0.002974982	0.023275006
YGL02.1779.C1	9.757734358	-0.669821199	-0.362696652	-0.746315476	-0.07739302	0.117428869	0.582015639	8.05E-06	0.0003777
YGL02.2134.C1	8.120646178	-0.66982294	-0.348765077	-0.697192421	0.264527503	0.111501254	0.515758919	0.000767159	0.008890762
YGL02.6525.C1	10.45147729	-0.669832834	-0.085239446	-0.614922747	0.239522428	0.092042592	0.352591814	0.000426018	0.00583326
YGL02.3062.C1	10.39817521	-0.669881329	-0.006908581	-0.22142839	0.091411011	0.339230986	0.505283809	1.69E-05	0.000616671
YGL02_GNYA1SO04JP57C	10.29476694	-0.669988429	0.016025252	-0.380898365	-0.152919924	0.111789873	0.438087167	0.00044797	0.006045349
YGL02.21177.C1	6.646127819	-0.670077344	0.240718604	-0.229363434	-0.23154448	-0.029365313	0.548582615	0.000204444	0.003479454
YGL02_GNYA1SO04JBTTR	9.990604892	-0.670105431	-0.235564717	-0.532967694	-0.18493315	0.021658002	0.499402309	0.00081101	0.009245889
YGL02.11055.C2	13.27686853	-0.670310262	-0.040402588	-0.239686846	-0.258511497	0.227256911	0.573267044	8.77E-05	0.001937372
YGL02.1392.C1	11.24564263	-0.670320997	-0.248470574	-0.552163525	0.106137772	0.129317371	-0.058800263	0.004272592	0.03020479
YGL02.4478.C1	11.92008066	-0.670397139	-0.110410268	-0.978512225	-0.110130405	0.061248807	0.360921396	0.003439332	0.025822941
YGL02_GNYA1SO04I88R4	9.529051131	-0.670574973	0.1668501	-0.288843583	-0.253322994	0.079611647	0.528559608	0.000920444	0.010115029
YGL02.15888.C1	6.002922904	-0.670615207	0.289039311	-0.177357107	-0.356267202	0.122187645	0.892970336	0.000577887	0.007244705
YGL02_GNYA1SO04IWCM8	7.64880057	-0.670794727	0.2291177	-0.265986178	-0.400088711	0.077304116	0.898430624	0.00101038	0.010783982
YGL02.5245.C1	5.568282343	-0.67086153	0.835408189	0.67236634	-0.021802706	0.37041866	0.451853872	0.002332896	0.019579066
YGL02_GNYA1SO04JT557	11.32439314	-0.670978562	-0.215382433	-0.442711945	0.026076546	-0.111572151	0.298763106	0.000227164	0.003750794
YGL02_GNYA1SO04IZ28I	7.940470058	-0.671055124	-0.173220609	-0.070391616	-0.387293399	0.318251676	0.233812595	0.000173211	0.003102847
YGL02_GNYA1SO04IERGX	6.672166124	-0.671131413	0.168114374	-0.10075013	0.358483032	0.25656075	0.485530525	0.002607405	0.021198723
YGL02_GNYA1SO04JQOIH	7.96856646	-0.671218284	-0.125741441	-0.479016689	0.029995278	-0.002512278	0.613909461	2.01E-05	0.00069763
YGL02.10364.C1	7.92709466	-0.67129198	0.648028028	0.250803762	0.295478481	0.648712333	0.058079698	0.00586603	0.038048089
YGL02.16675.C2	7.229933299	-0.671304081	-0.273790125	-0.378816058	-0.099308628	0.203905491	0.187640613	0.006572112	0.041226226
YGL02_GNYA1SO04IX8TH	13.27178222	-0.671327535	-0.072723954	-0.714321973	0.167170883	0.054601947	0.569033697	0.000211173	0.003561654
YGL02_GNYA1SO04I4WAX	12.41260453	-0.671389863	-0.226202681	-0.488407458	0.349546645	0.245256491	0.740305005	2.13E-05	0.000725497
YGL02.1728.C6	8.223140962	-0.671554872	-0.20485782	-0.488580089	0.191018918	0.282065986	0.552514063	0.001222697	0.012353386
YGL02_GNYA1SO04H4YF0	6.777768715	-0.671723182	0.317925803	-0.052036827	0.23684894	-0.087390167	0.483546781	0.000621002	0.007626216
YGL02.4027.C1	12.11626331	-0.671980612	-0.321610036	-0.783662533	0.159218313	0.20895901	0.350951544	1.42E-05	0.000547355
YGL02_GNYA1SO04IBLBC	9.229770899	-0.672160744	0.077421933	0.021355507	0.046063051	0.280987152	0.126290639	0.006661589	0.041625131
YGL02_GNYA1SO04H1WZ2	8.950464207	-0.672276708	0.161547872	-0.251895935	-0.30867382	-0.044592924	0.52922864	0.000944906	0.01030511
YGL02_GNYA1SO04I5NBO	9.010935192	-0.672357459	0.041238277	-0.498376771	-0.095912772	0.337969225	0.677445122	0.000439715	0.005961903
YGL02_GNYA1SO04JSRLG	9.393334401	-0.67279288	-0.26861383	-0.39589378	-0.17475288	0.41071261	0.375108962	6.59E-05	0.001576499
YGL02.13235.C1	11.29468017	-0.672875414	0.110640946	-0.451019319	-0.169275339	0.037291071	-0.002095398	7.06E-06	0.000346885
YGL02_GNYA1SO04H1I49	11.2084945	-0.672971683	0.084717515	-0.244185315	0.022567069	0.122558855	0.420003598	0.002436191	0.020198566
YGL02.40.C1	7.811128038	-0.672984641	-0.030449699	-0.534391233	-0.029841948	0.186747202	0.662738145	0.001964601	0.017341115
YGL02_GNYA1SO04JGGDR	9.153081505	-0.673103109	0.127901638	-0.205245541	-0.229347028	0.298685103	0.407483741	0.003976647	0.028655448
YGL02_GNYA1SO04I0LIV	8.28531259	-0.673237231	-0.146123276	-0.22636164	-0.333478041	0.193927505	0.63651629	0.000157229	0.002898974
YGL02.22917.C1	7.347469121	-0.67324583	0.081061508	-0.405867179	0.093908528	0.333403112	0.52573583	0.000452543	0.006086955
YGL02.22934.C1	8.769283592	-0.673295429	-0.402463613	-0.549267929	0.321269415	0.077800744	0.350448625	0.000230504	0.003787556
YGL02.3263.C1	13.69185211	-0.673453572	0.035331486	-0.251177158	-0.040154483	0.11224587	0.482868054	0.000120412	0.002414315
YGL02_GNYA1SO04I28EW	9.25285008	-0.673776314	-0.070572641	-0.428566794	0.758486209	0.272510741	0.577899291	0.000425571	0.005829328
YGL02.528.C1	7.373151106	-0.673809756	-0.012677869	-0.494091878	-0.022350131	0.065897336	0.417917243	0.00027435	0.004293377
YGL02_GNYA1SO04JS4KJ	8.140100659	-0.673810479	-0.538651661	-0.360189401	-0.955238177	0.612347364	0.162925663	0.0060201	0.038764346
YGL02_GNYA1SO04JXLN1	5.995108763	-0.673995888	1.034587333	0.588835553	-0.145317111	0.545092717	0.375725021	0.008297266	0.048720316
YGL02_GNYA1SO04H1KRL	10.55201012	-0.674039978	-0.022854797	-0.359369063	-0.345344481	0.131117057	0.617847034	0.003886098	0.028181732
YGL02.2818.C3	8.519456592	-0.674058371	-0.036317595	-0.31423328	-0.148710683	0.21533124	0.50001367	0.000294209	0.004514143
YGL02.5035.C1	8.396538137	-0.674252261	-0.21839053	-0.55511671	-0.079034706	0.163382686	0.62476184	0.001569115	0.014779033
YGL02_GNYA1SO04II6D4	9.161419607	-0.674268402	-0.260045594	-0.285421772	0.280633979	0.19095066	0.684487652	0.000162493	0.002963861
YGL02.10114.C1	12.32389354	-0.674273261	0.190847648	-0.595661625	-0.166872414	0.167846636	0.381969445	0.001257915	0.012600065
YGL02_GNYA1SO04I4T1H	8.994012263	-0.674346507	-0.508500302	-0.48757133	-0.034810069	0.276276436	-0.015435299	0.000322148	0.004809486
YGL02.1552.C3	7.240064376	-0.674472111	0.127022835	-0.574498105	-0.289668901	0.100505438	0.342094648	0.000177801	0.003153825
YGL02_GNYA1SO04JAMFC	11.95944551	-0.674520882	-0.338523857	-0.471523532	-0.123214536	0.246165311	0.10912298	3.11E-05	0.000943015
YGL02.8159.C1	8.616787324	-0.674554101	-0.215875842	-0.851405139	-0.106504691	0.165202672	0.482997576	3.03E-05	0.000925702
YGL02_GNYA1SO04IY3ZI	8.614946415	-0.674609221	-1.136928078	-0.214140625	-0.308518585	0.11302815	0.440173938	0.004416997	0.0309451
YGL02.1448.C1	9.482354574	-0.674638877	-0.576563152	-0.750292693	-0.000863122	0.516435123	0.643672145	0.002651755	0.021456918
YGL02_GNYA1SO04J0ARD	8.509553433	-0.674674966	0.131204964	-0.378211495	-0.074236035	0.284440887	0.586768677	1.92E-06	0.000152156
YGL02_GNYA1SO04JZQKU	7.947645662	-0.674746078	-0.468792106	-0.418651945	-0.346210637	0.13744867	0.484365447	0.000184677	0.003239229
YGL02.3887.C1	7.199383	-0.674756546	-0.699513391	-0.554263806	0.2973983	0.301006762	0.466357255	0.000725619	0.008540821
YGL02.20806.C1	6.831461675	-0.674813279	-0.085146027	-0.44550739	0.752355258	0.069290009	0.42421199	0.001755831	0.016015803
YGL02.2629.C2	9.516482255	-0.674822073	0.080261842	-0.170475228	-0.038536852	0.334498118	0.375247171	3.03E-06	0.000200968
YGL02_GNYA1SO04JRPYZ	7.691732549	-0.674845621	-0.332677521	-0.331412054	-0.15991393	0.350731054	0.317578931	0.000807628	0.009223164
YGL02.21271.C1	9.01922408	-0.674921115	0.200824968	-0.222814186	0.175960203	0.201416058	0.49288099	7.58E-05	0.001742411
YGL02.1458.C12	9.661185659	-0.67499126	-0.174951521	-0.81546584	-0.076979259	-0.087260962	-0.147295483	0.000686862	0.008199072
YGL02_GNYA1SO04I15XV	7.358165764	-0.674992367	0.502010372	-0.22902848	0.244619646	0.29767069	0.687096935	0.000129673	0.002537754
YGL02.1037.C1	8.039400395	-0.675185893	-1.171707412	-1.133077964	-0.065911445	1.063076267	0.866868655	0.003809714	0.027781827
YGL02_GNYA1SO04IIB8W	9.612964781	-0.675329755	-0.142419337	-0.240667337	0.139558664	0.076853781	-0.084928164	0.000192943	0.00334436
YGL02.7421.C2	10.7470882	-0.675373952	0.122594903	-0.251369095	-0.245555226	-0.121950037	0.466335551	0.000250261	0.004015936
YGL02.14479.C1	7.531822681	-0.675381066	-0.242504961	0.174617335	-0.275507546	-0.080108884	0.368053928	0.004850612	0.033152674
YGL02.11278.C1	7.911728943	-0.675688906	-0.176502609	-0.250203971	0.140924745	0.264817804	0.174667224	0.000204618	0.003480568
YGL02_GNYA1SO04I5KQT	4.99462025	-0.676094446	0.570182388	0.25082703	0.105389389	0.119743278	0.702184025	0.007499495	0.045385933
YGL02_GNYA1SO04INZ7M	7.864452639	-0.676181796	-0.505873561	-0.476991752	-0.174418816	0.354269156	0.276760844	0.004706764	0.032431395
YGL02.3645.C2	7.432227947	-0.676350296	0.261746095	-0.227777011	-0.115956611	-0.115842231	0.28453792	1.98E-05	0.000687217
YGL02_GNYA1SO04JUNRH	7.89318457	-0.676352814	-0.347207939	-0.34944217	0.924133601	0.325066823	0.270752554	0.006633129	0.041503911
YGL02_GNYA1SO04H3LI7	6.173781227	-0.676498606	-0.194388703	-0.523061555	0.215578034	0.559828886	0.652166872	0.001528181	0.014505325
YGL02.1775.C3	6.724017444	-0.676651611	-0.011893117	0.137143045	0.430288484	-0.227524742	-0.154417353	0.007724964	0.046342135
YGL02_GNYA1SO04I66C7	7.167420712	-0.67674461	-0.026391445	-0.262565515	0.045523643	0.294671497	0.665304958	0.005870053	0.038060764
YGL02.5189.C3	7.455383465	-0.676887046	0.419970364	-0.132733988	0.0528292	0.257124811	0.339190319	0.002348854	0.019673469
YGL02.162.C2	9.075170878	-0.676926034	-0.123695475	-0.241222011	0.069287643	0.130164327	0.46871576	0.001490473	0.014230848
YGL02.367.C6	10.81935546	-0.677079618	-0.034051382	-0.245305833	1.158863774	0.032320981	0.033512579	0.000560596	0.007090834
YGL02.3640.C1	9.46944392	-0.67709795	-0.017556774	-0.284453408	0.075969601	0.212960367	0.379266276	3.19E-05	0.000960243
YGL02.8676.C2	8.524575573	-0.677322371	-0.113946668	-0.659084586	0.307659596	0.017866041	0.239017407	1.83E-05	0.000652065
YGL02.19233.C1	3.653959221	-0.677393133	-0.691493198	-0.803018961	0.051677164	0.643376294	0.775703563	0.007233936	0.044200197
YGL02.2.C22	5.598179238	-0.67749421	0.556759598	0.849564801	0.167569976	0.599066795	0.65274212	0.00420722	0.029869835
YGL02.6974.C1	9.887665728	-0.677525354	0.07708736	-0.578938372	0.182691149	-0.235287017	-0.093795151	5.84E-05	0.001451417
YGL02.990.C2	9.49942532	-0.677632213	0.185171805	-0.050522751	0.057201587	0.239321203	0.595770238	0.006429255	0.040593589
YGL02_GNYA1SO04JWYL1	8.81166152	-0.67764512	-0.092946858	-0.046517982	-0.225855025	0.087927442	0.10986863	2.05E-05	0.000705893
YGL02.7468.C1	8.507610355	-0.67768686	-0.201436006	-0.454130231	0.051041206	0.22295447	0.387879218	0.000310202	0.004690625

YGL02.165.C1	5.467717081	-0.677754834	0.701842038	-0.261371763	-0.045092805	0.017336161	0.73338146	0.002795595	0.022306335
YGL02.1885.C1	5.948750719	-0.677845728	-0.038268308	-0.425441001	-0.141952758	0.122581378	0.734381241	0.005368145	0.035676833
YGL02_GNYA1SO04JKXG2	7.464755791	-0.677911862	0.409297578	0.06443079	-0.02150281	0.387746064	0.244072853	0.00018368	0.003226997
YGL02.16779.C1	7.551059188	-0.67818955	-0.140331124	-0.859734235	0.108927239	0.372535867	0.785806237	1.07E-05	0.000454513
YGL02.1925.C2	7.703025872	-0.678244151	-0.17790882	-0.168953063	-0.056103523	0.214327472	0.616581624	0.000523418	0.006738395
YGL02_GNYA1SO04JX2K1	7.580512757	-0.678250967	-0.147958441	-0.110012596	-0.116235077	0.233902925	0.260905794	9.51E-05	0.002050219
YGL02_GNYA1SO04JN7M4	6.749090085	-0.678265212	-0.042601008	-0.39136655	-0.170579909	0.564702542	0.830086358	0.008529258	0.049701675
YGL02_GNYA1SO04JI7GU	11.03036391	-0.678292317	-0.09349103	-0.465480888	-0.132419436	0.241484369	0.876218576	3.58E-05	0.001042268
YGL02_GNYA1SO04JE1CL	9.794303971	-0.678296508	-0.227479163	-0.340452011	0.065378225	0.191797424	0.062220155	0.000662636	0.007990497
YGL02_GNYA1SO04JLV1D	10.73420274	-0.678484047	-0.30741301	-0.211395567	-0.151265178	0.095172685	0.190168887	0.00090491	0.009996065
YGL02_GNYA1SO04I35ID	8.063376536	-0.678550007	-0.620002119	-0.766965767	-0.335230246	0.311920104	0.393864853	0.000164667	0.002990332
YGL02.7109.C1	9.95550032	-0.678570539	-0.04663366	-0.43848453	0.076359964	-0.00434341	0.552147381	4.06E-05	0.001132772
YGL02.9327.C1	9.939766247	-0.678766055	0.05188427	-0.176836068	0.079844652	0.09925685	0.3021447	1.80E-05	0.000643761
YGL02.8915.C1	8.085664082	-0.678852529	-0.470037939	-0.764591112	-0.117540764	0.236699854	0.723857821	0.002926638	0.023031616
YGL02.8741.C1	11.47409157	-0.678858757	-0.472451449	-0.640331927	0.007921201	0.1001704	0.25204653	0.000973264	0.010509975
YGL02.965.C1	10.16819201	-0.678876035	-0.052481994	-0.185036975	-0.013511711	0.186707824	0.363256294	5.44E-06	0.000293161
YGL02.5658.C1	9.455230089	-0.678914797	-0.15968558	-0.457155212	-0.170356868	0.287055375	0.408055027	3.84E-06	0.000234656
YGL02_GNYA1SO04JEWZ2	10.00067379	-0.678923801	-0.199260246	0.142489597	0.308091137	-0.1385713	-0.229882582	0.002421293	0.020107228
YGL02.22492.C1	7.616977141	-0.678931604	-0.120247773	-0.158772082	-0.224880452	0.343710282	0.315017528	0.000503929	0.006553956
YGL02_GNYA1SO04JDC93	9.312730246	-0.67894421	-0.329568224	-0.335358201	0.029473065	0.065820849	0.265659574	3.38E-06	0.000216016
YGL02_GNYA1SO04JV2MJ	9.343878253	-0.678961533	-0.095743012	-0.286005382	0.141986161	0.109571056	0.31860707	4.44E-05	0.001205804
YGL02.13889.C3	10.76563189	-0.679006022	-0.027542913	-0.433466697	0.039567221	0.184759347	0.648725787	0.000351998	0.005115934
YGL02_GNYA1SO04I6MRN	7.424165845	-0.679053787	0.111920144	0.010128392	-0.351318525	0.274385148	0.524001377	0.001933055	0.017140949
YGL02.23641.C1	8.33827522	-0.679311268	-0.687861552	-1.094819167	-0.035911004	0.176784739	0.172748445	0.006361016	0.040277895
YGL02.10898.C1	8.454406264	-0.679454054	-0.336482394	-0.490585817	-0.064088041	-0.050279714	0.512128892	0.000459828	0.006158521
YGL02_GNYA1SO04JZ576	5.962087655	-0.679627358	-0.298012271	-0.311946695	0.385588191	0.46077513	0.451557567	0.002257446	0.019129325
YGL02_GNYA1SO04JG9J6	11.10867417	-0.679789476	-0.169347538	-0.340924266	1.080658459	0.004770882	-0.064222383	0.000320348	0.004790341
YGL02_GNYA1SO04JZP0O	8.68393172	-0.679861321	-0.092120972	-0.627003693	-0.170606467	0.132620347	0.523243838	0.000244933	0.003955398
YGL02.7213.C1	7.741533174	-0.679920775	0.071848241	-0.496014846	0.218534388	0.04980535	0.456254506	4.78E-06	0.000269228
YGL02_GNYA1SO04JEBT6	8.774670332	-0.679937067	-0.269016673	-0.634721941	-0.279311854	0.016983765	0.624180466	0.001290411	0.012830085
YGL02.8155.C1	8.444962643	-0.680071365	-0.12420766	-0.296561879	0.023614785	0.357711355	0.672378948	0.00058176	0.007275637
YGL02_GNYA1SO04JCEM6	7.201125518	-0.680090089	-0.158733547	-0.765458413	1.08068736	-0.219850122	0.635791541	0.004378857	0.03074121
YGL02.5947.C3	9.816881068	-0.680389838	-0.194010111	-0.403750303	0.219474845	0.226616781	0.366469958	0.000307405	0.004659753
YGL02.9715.C1	8.207539071	-0.680430771	-0.088102907	-0.138948395	-0.126079024	0.220925827	0.214512182	9.59E-05	0.002064159
YGL02_GNYA1SO04IVO4D	8.138449345	-0.680436456	0.425842936	0.422439307	0.175112721	-0.13189731	0.270917809	0.001267032	0.012663265
YGL02_GNYA1SO04JQO4W	8.239391526	-0.680717839	-0.017304745	-0.229666479	0.88095726	-0.181972173	-0.038413397	0.005177097	0.034758544
YGL02_GNYA1SO04JOCVP	10.368846	-0.681339063	-0.330529868	-0.580432811	0.056223339	0.221512841	0.560521905	0.000133972	0.002598568
YGL02.10171.C1	5.563708113	-0.681439898	0.195766685	-0.177643367	0.663319068	0.20135337	0.308012462	0.002106348	0.018184499
YGL02.2435.C2	6.920530543	-0.681450158	-0.404756875	-0.412194806	-0.207661414	0.488173039	0.578186962	0.000360117	0.005195066
YGL02_GNYA1SO04H7OGD	12.02707715	-0.681456323	-0.125913162	-0.399145267	0.710079892	0.083508814	0.055564309	0.003792688	0.027701345
YGL02_GNYA1SO04JEGMB	11.08142371	-0.681515308	-0.121767178	-0.493577068	-0.209379458	0.327058807	0.500983803	1.76E-06	0.000144342
YGL02.8127.C1	8.278825296	-0.681551987	-0.453561424	-0.800020018	0.083010198	0.432934831	0.681039397	0.005073124	0.034254055
YGL02.304.C1	7.572466606	-0.681592324	-0.052393019	-0.24631518	-0.221914419	0.118829087	0.492989754	7.51E-05	0.001733231
YGL02.6679.C1	8.271479652	-0.681601575	-0.229234533	-0.614230471	-0.278979464	0.284708695	0.712763488	1.09E-05	0.000459251
YGL02_GNYA1SO04I9C9U	8.730875386	-0.681604158	0.142006206	-0.484766305	-0.224328433	0.012942346	0.702085859	1.41E-05	0.000543928
YGL02_GNYA1SO04JQI9C	7.15336281	-0.681778211	-0.150720954	-0.693332446	-0.040416695	0.323217687	0.440614214	0.005869013	0.038060764
YGL02.1116.C1	7.502993183	-0.68203988	-1.080943546	-0.693642345	0.057402311	0.025619663	0.561563523	0.003923513	0.028376789
YGL02.9714.C1	3.721814352	-0.682042905	-0.495350438	-0.585782362	-0.286094335	0.542611261	0.71176726	0.002500219	0.020576606
YGL02_GNYA1SO04IYN8Y	11.57464992	-0.682164404	-0.046867829	-0.391756148	-0.082942324	0.318905689	0.815628854	7.07E-06	0.000347014
YGL02_GNYA1SO04JPV10	9.329259999	-0.682194919	0.059045257	-0.158004138	-0.000659759	0.280926535	0.668964448	1.29E-05	0.000511183
YGL02_GNYA1SO04IYD21	9.840038371	-0.682206174	-0.08128238	-0.389834657	-0.527095197	0.163166904	0.540124055	0.001424567	0.013782469
YGL02.16885.C1	8.208302842	-0.682316821	0.079592221	-0.000788727	-0.310542402	0.179265295	0.021927387	1.60E-05	0.00059288
YGL02.8569.C1	9.703303199	-0.682407909	-0.137269921	-0.27458767	-0.113142254	0.17556008	0.146508934	5.29E-05	0.001352578
YGL02_GNYA1SO04I4DX2	10.35593746	-0.68262032	-0.121445425	-0.146183592	0.317807772	0.036709097	-0.034577697	0.004912053	0.033464862
YGL02_GNYA1SO04JJ219	7.631079869	-0.682700891	-0.009481378	-0.11135598	-0.160151913	0.363216262	0.444570215	0.000491264	0.006442937
YGL02_GNYA1SO04IAWKP	7.721866308	-0.682723173	-0.477667646	-0.185860002	0.190230766	0.232983156	0.109767316	0.001518767	0.014439406
YGL02.17383.C1	7.603603608	-0.683038994	-0.17660523	-0.372794227	0.063184134	0.376809289	0.691865424	0.000226727	0.003747363
YGL02.16539.C1	7.837302544	-0.6832972	-0.068967387	-0.121948543	-0.13009689	-0.043531717	0.150516888	0.000752347	0.008770122
YGL02_GNYA1SO04JKQM1	9.799290403	-0.683335978	-0.305939644	-0.398154664	-0.131578678	0.25984572	0.329409738	0.000210239	0.00355083
YGL02.22170.C1	6.47367341	-0.68341343	-0.225127976	0.077637452	-0.32635962	0.303706064	0.734970558	8.47E-05	0.001889656
YGL02.1587.C1	12.3224113	-0.683537757	-0.210089676	-0.845474386	-0.057436765	-0.164694528	0.590998586	6.39E-05	0.001540485
YGL02.2641.C2	6.61544154	-0.683737346	0.427102421	-0.002386606	0.802725904	0.023112457	-0.00293159	0.000715029	0.008444776
YGL02.6615.C3	7.599010606	-0.68385218	-0.248507856	-0.663823045	-0.217144078	-0.015145268	0.650319059	0.000295804	0.004531639
YGL02_GNYA1SO04JL6VU	8.928601498	-0.683958061	-0.331979026	-0.907994182	-0.106538336	0.174052611	0.367911223	2.51E-05	0.000811608
YGL02_GNYA1SO04JC8UE	10.63676544	-0.684002302	-0.26980906	-0.476950711	-0.149001086	0.316299685	0.645206918	7.98E-05	0.00180908
YGL02.1976.C1	7.871792358	-0.684032498	-0.221763987	-0.350287384	-0.120192933	0.160666778	0.353861639	0.001857264	0.016657018
YGL02.21732.C1	7.237671919	-0.684046612	0.256780042	-0.084589134	-0.261823581	-0.064935684	0.395155236	5.05E-05	0.001310819
YGL02_GNYA1SO04INGQA	8.714949276	-0.684185829	-0.035194048	-0.745867992	0.001707661	-0.11644303	0.688634196	0.001909402	0.016983278
YGL02_GNYA1SO04I2PFQ	9.928328211	-0.684617824	-0.018259975	-0.341631734	-0.210857708	0.358491545	0.759572415	0.001706441	0.015689062
YGL02_GNYA1SO04I30FM	9.823091499	-0.684706694	-0.231094141	-0.657589078	0.067503391	0.260663598	0.708921007	3.91E-05	0.001104496
YGL02.10362.C1	7.003108674	-0.68487437	-0.342233263	-0.530679575	-0.008275896	0.108308829	0.361976217	0.001587451	0.014896482
YGL02_GNYA1SO04JQBGW	9.974326192	-0.68540719	-0.080539075	-0.727488897	-0.052115238	0.154418552	0.660782308	2.89E-05	0.000898619
YGL02_GNYA1SO04H9TQP	8.414071773	-0.685524909	-0.211816244	-0.640033687	0.421805815	0.173022852	0.818632976	0.000521528	0.006721858
YGL02.2824.C3	9.026824478	-0.685588962	0.215931658	-0.463565021	-0.273483157	0.0265776	0.709964885	0.000178033	0.003156467
YGL02.22471.C1	3.488520196	-0.685597999	-0.018116238	-0.357504984	0.179596452	0.172290125	0.606344564	0.004390139	0.030807055
YGL02_GNYA1SO04I2WFP	8.178132468	-0.6857433	0.102060052	-0.720542643	-0.350941658	0.036246108	0.787584425	0.001349842	0.013249569
YGL02.15588.C1	5.850759143	-0.68594344	-0.191777459	-0.763102456	0.017698057	0.12933153	0.438795661	0.000520511	0.006711642
YGL02.1344.C1	10.1041572	-0.686020777	-0.016086609	-0.193511187	0.145691567	0.093936079	0.595322353	0.000330005	0.004894419
YGL02.12804.C1	10.11955865	-0.686051569	-0.400327606	-0.738540789	-0.268834783	0.102491137	0.225204557	8.78E-05	0.001938509
YGL02.22958.C1	5.24624422	-0.686063975	-0.181790131	-0.192927558	0.753232696	0.499192641	0.063039224	0.004314131	0.030403842
YGL02.18852.C1	9.435710786	-0.686231805	-0.076289665	-0.414000796	-0.090459757	-0.089079332	-0.087842181	1.32E-06	0.000119972
YGL02_GNYA1SO04IZ7CM	10.12015083	-0.6867181	-0.161332521	-0.023109956	-0.142481801	0.239737501	0.414981528	5.95E-05	0.001467403
YGL02.20586.C1	6.343649245	-0.686725818	-0.094692559	-0.482336514	0.020251221	0.287899045	0.813236142	0.001079315	0.011304461
YGL02.8066.C2	9.930697638	-0.686769221	-0.531194792	-0.078373515	-0.109718462	-0.03455696	0.136146174	0.00272329	0.021900272
YGL02.3441.C2	9.28055583	-0.686782251	-0.082715812	-0.485580678	-0.362519996	0.318979052	0.655987878	0.000122583	0.002442939
YGL02.17752.C1	9.837013195	-0.686796222	-0.039596313	-0.672748874	-0.094366343	0.462745594	0.770785575	0.00276746	0.022148197
YGL02_GNYA1SO04ITRVA	9.506788835	-0.686926551	-0.124142752	-0.586493388	-0.097433258	0.241713049	0.585096367	0.000494912	0.006477017
YGL02.16041.C1	7.610721558	-0.687004761	-0.042933692	-0.077490737	-0.015841882	0.036859752	0.173197897	0.000308065	0.004667578
YGL02_GNYA1SO04IPL7W	14.61880996	-0.687126911	-0.152648664	-0.435789973	0.182190458	0.204637477	0.632339174	0.000167054	0.003021168
YGL02.9703.C1	8.840047392	-0.687205581	0.225828845	-0.372115841	-0.252217876	-0.154754663	0.827021258	2.80E-05	0.000877029

YGL02.19237.C1	9.874817815	-0.687279792	-0.13130794	-0.581586441	-0.075571409	0.09448656	0.473537503	6.46E-06	0.000327291
YGL02.9634.C1	8.30087551	-0.687343739	-0.153533925	-0.57540922	-0.075143771	0.213571898	0.496001315	0.000159905	0.002931386
YGL02_GNYA1SO04I5TS9	10.59604205	-0.687367409	-0.304878909	-0.506376211	-0.451224585	0.181862367	0.542815469	0.003252038	0.02482923
YGL02_GNYA1SO04IARW1	7.912554648	-0.687395131	0.072362449	0.080016397	-0.411314004	-0.108015593	0.164263688	0.002579239	0.021033
YGL02_GNYA1SO04I4070	6.974641237	-0.687622669	-0.051848059	-0.630440909	-0.158806006	0.180296553	0.833489951	0.000377753	0.005369728
YGL02_GNYA1SO04IWUSO	9.474926278	-0.687664469	-0.2342126	-0.121012821	0.09195939	0.282748575	0.137197051	0.001868218	0.016725209
YGL02.479.C10	8.305759428	-0.687769362	-0.060683527	-0.151976141	0.46727753	0.084326282	0.04067216	0.002666865	0.021542837
YGL02.22058.C1	9.274073228	-0.688000887	-0.502788917	-0.554606025	-0.042755007	0.1936998	0.271551353	0.000252674	0.004044094
YGL02_GNYA1SO04IDWYW	8.097745003	-0.688029863	-0.312489355	-1.053680529	0.019484633	0.251597519	0.559904077	7.60E-05	0.001746809
YGL02.22847.C1	7.971073173	-0.688176292	-0.145886414	-0.693406193	-0.0459469	0.002951422	0.052066977	0.000255303	0.004072583
YGL02_GNYA1SO04IRORR	8.411493051	-0.688186471	0.02556346	-0.189131938	0.764570403	0.045028486	0.090143842	0.007156385	0.043860867
YGL02.15282.C1	3.528131796	-0.68818686	-0.505959405	-0.634163798	0.146986407	0.460586058	0.931214012	0.000977873	0.010547862
YGL02.1725.C2	10.61603995	-0.688381332	-0.249384089	-0.702881991	-0.076869793	-0.014015829	0.477067192	8.53E-05	0.001895815
YGL02.15308.C1	8.994072608	-0.688746326	-0.377104938	-0.325050487	-0.151240895	0.040736131	0.440291756	1.47E-05	0.000560814
YGL02.10784.C1	5.968700994	-0.688776574	-0.202901654	-0.735963516	-0.525704021	0.314904121	0.777871533	0.00762554	0.045914853
YGL02.9639.C1	9.614400666	-0.689207321	-0.016217383	-0.226183858	-0.166730678	0.215435158	0.628251412	5.08E-05	0.001316117
YGL02_GNYA1SO04I18M9	7.363132099	-0.689245812	-0.05546564	0.064369555	-0.040747208	0.346696927	0.452056595	0.003508666	0.026200243
YGL02_GNYA1SO04ILKU1	9.374499823	-0.689457101	-0.170272333	-0.314582225	0.132563036	0.348896357	0.670498555	0.003479068	0.026040786
YGL02_GNYA1SO04IP16K	9.585782809	-0.689628119	-0.149619722	-0.095754266	0.423475324	0.355862206	0.508540462	4.64E-06	0.000264177
YGL02.16607.C1	8.138083722	-0.690056531	-0.154350088	-0.37198125	-0.042267029	-0.072936105	0.117707238	0.000184444	0.003236898
YGL02.20467.C1	6.425363767	-0.690171905	0.222163624	-0.457959546	-0.238090709	-0.15931236	0.448732274	0.008111235	0.047980416
YGL02.2835.C1	6.772626529	-0.690398111	-0.109290371	0.195135625	-0.172098789	0.0315737	0.580620375	0.003609428	0.026745998
YGL02_GNYA1SO04ILQ4C	11.70101267	-0.690787839	-0.297190318	-0.825052405	-0.324242302	0.134677961	0.399111458	0.000529824	0.006801927
YGL02_GNYA1SO04IWPMO	9.332651682	-0.691432821	-0.196834993	-0.474338692	1.211963635	-0.072888342	0.060183396	0.003793502	0.027705382
YGL02.1634.C1	13.36836669	-0.691508143	-0.099068508	-0.684737453	0.041610312	0.063320345	0.506518882	1.44E-05	0.000551994
YGL02.6290.C3	9.445381529	-0.691528195	-0.047007345	-0.428053248	-0.363878244	0.294694353	0.573631501	0.000750252	0.008750424
YGL02.1414.C3	7.526385617	-0.691764122	-0.012145664	-0.529239889	0.457054204	0.282245697	0.668038996	0.000129299	0.002532358
YGL02_GNYA1SO04IEDMV	6.984548412	-0.691782159	0.07856296	-0.19112989l	0.486693695	0.207539874	0.190875517	0.001786635	0.016216157
YGL02.381.C2	12.91012623	-0.692154411	-0.255622488	-0.630682816	0.266440154	0.229756212	0.667898098	0.000253232	0.004051012
YGL02.1264.C1	9.207747401	-0.692318751	0.138361068	0.330099729	-0.41631965	-0.001599944	0.161107813	0.000100337	0.002129729
YGL02.19782.C1	7.552448035	-0.69234923	-0.074398081	-0.426567283	0.260057823	0.314518347	0.519714545	0.001638879	0.015236651
YGL02.23161.C1	7.121715862	-0.69237146	-0.185292346	-0.480937002	0.589734407	-0.097541425	0.386082904	0.000126043	0.00248551
YGL02_GNYA1SO04IDHA7	9.501059015	-0.692767708	-0.265634275	-0.894006256	0.087734627	0.059480439	0.333739963	0.000334777	0.004940495
YGL02_GNYA1SO04ISLY7	6.671497771	-0.692805042	0.08455143	-1.056459128	0.017704856	-0.050118566	0.632252641	0.003130903	0.024166725
YGL02_GNYA1SO04JI0WD	9.421513024	-0.693212178	-0.147987358	-0.400713876	-0.08832381	0.293017312	0.589537178	2.05E-05	0.000706875
YGL02_GNYA1SO04IDX4I	11.63894704	-0.693695705	-0.070626099	-0.696110742	-0.057260533	0.050392226	0.554239457	1.37E-05	0.000532726
YGL02.2930.C1	8.715759532	-0.693762704	-0.120206423	-0.957420514	-0.125203807	0.239520829	0.737189944	3.95E-05	0.001112695
YGL02.18905.C1	9.206505163	-0.694371916	-0.413076483	-0.40580747	-0.175781316	0.114803902	0.219920821	0.000492362	0.006454079
YGL02_GNYA1SO04JFVVZ	8.708890036	-0.694531167	-1.384352182	-1.17958176	-0.171729314	0.267007729	0.538561501	0.008607926	0.049998936
YGL02.653.C1	9.988659406	-0.69463294	0.182953646	-0.202790559	-0.258736846	-0.028344096	0.661589405	4.47E-06	0.000258095
YGL02_GNYA1SO04JE2KU	7.993999209	-0.694963893	0.032807614	-0.29044943	0.19602032	0.095701222	0.463678612	0.004198389	0.029830033
YGL02.2636.C1	10.88555813	-0.695068043	-0.434537726	-0.482279991	-0.192354155	0.272870844	0.530253236	2.35E-05	0.000774495
YGL02_GNYA1SO04JC95T	10.59024895	-0.695161618	-0.455921197	-0.382845958	0.222047357	0.150886137	0.570014092	0.001876014	0.016764869
YGL02.4668.C1	9.974179122	-0.695250815	-0.232582301	-0.569676348	-0.381547142	0.046084597	0.545131356	8.25E-06	0.000384882
YGL02_GNYA1SO04I8L8T	6.382142701	-0.695325889	0.046826823	-0.109648992	0.297153374	0.48682852	0.479691745	0.004160353	0.029636205
YGL02.12083.C1	9.154760905	-0.695408576	-0.249575943	-0.341477774	-0.163566698	1.078242568	1.084592351	0.001305125	0.012941345
YGL02.6894.C2	11.25611652	-0.695413523	-0.21710346	0.034496476	-0.378472193	0.01086081	0.146951746	2.11E-05	0.000721705
YGL02_GNYA1SO04JLU6Q	8.380493437	-0.695524506	-0.296597882	-0.482826824	0.052162911	0.107697768	0.402126606	4.99E-05	0.001300543
YGL02_GNYA1SO04JR4XP	7.937859209	-0.695561414	-0.034324003	-0.531495554	0.140702423	0.406433736	0.793914493	0.005750088	0.037520519
YGL02.22317.C1	6.269319827	-0.695615349	-0.451847672	-0.682615711	-0.199520345	0.030760728	0.238096158	0.005714948	0.037371778
YGL02_GNYA1SO04H8JAR	9.77194037	-0.695638282	-0.237158577	-0.43606124	0.075431472	0.123077849	0.072289113	0.00025535	0.004072825
YGL02_GNYA1SO04JNQOT	6.585550002	-0.695725521	-0.723210533	-0.504228743	-0.033001983	0.227115202	0.496159239	0.006549207	0.0411164
YGL02_GNYA1SO04JAV79	9.938829046	-0.695733305	0.173580572	-0.153469314	-0.222271574	0.131477189	0.365690117	0.004993703	0.033869959
YGL02.9503.C1	10.03744241	-0.695795852	-0.295140215	-0.333450126	-0.15789033	0.360723008	0.644392555	6.02E-06	0.000312491
YGL02.14919.C1	7.615849056	-0.695888823	0.274782982	-0.009051634	-1.153030484	0.175987584	0.238813151	0.007900641	0.047076599
YGL02_GNYA1SO04IIIK1	7.613412779	-0.695910729	0.178076756	-0.13826301	0.027552239	0.138212983	0.498888083	9.01E-05	0.001975941
YGL02.4722.C2	7.493851348	-0.695997119	-0.137980897	-0.764126759	-0.241431224	0.155954991	0.837205068	0.000101836	0.002150619
YGL02_GNYA1SO04IRX7J	8.568268577	-0.696001374	-0.339702238	-0.587079876	-0.180537382	-0.072373741	0.393963045	0.006135066	0.039260609
YGL02.849.C12	7.650937788	-0.696114733	0.012403505	-0.227141095	0.493321127	0.097718208	0.2715242	0.000290741	0.004475701
YGL02.5339.C1	7.392530969	-0.696326402	-0.098125386	-0.232635176	0.334864684	0.443105848	0.569026771	0.001995036	0.017525432
YGL02_GNYA1SO04JEH5U	9.701639995	-0.69646476	-0.399724853	-0.627398025	0.053433755	-0.071343818	-0.010101743	7.62E-05	0.001751413
YGL02_GNYA1SO04JC5F9	8.162990234	-0.696604755	-0.404556374	-1.001365673	-0.4755119	0.046337639	0.702596747	0.000481634	0.006359145
YGL02.18273.C1	6.493771518	-0.697062186	0.393161546	0.234291275	0.639463208	0.311645634	0.120174872	0.000838499	0.009464292
YGL02.12313.C1	6.290137299	-0.697082837	0.132758768	-0.50582508	0.834792572	0.138183703	0.54687332	0.00180933	0.01635975
YGL02.21571.C1	7.21736081	-0.697088901	-0.104179078	-0.304872718	0.4326405	0.219819011	0.434394685	0.000859112	0.009628544
YGL02.11078.C1	8.191837888	-0.69732079	-0.039004754	-0.434678489	0.104492621	0.201171906	0.914382989	3.89E-05	0.001101463
YGL02_GNYA1SO04JPUM9	7.669469435	-0.697371336	-0.332288452	-0.510988621	-0.037424591	0.271557112	0.544972691	0.001384241	0.0134911
YGL02.22825.C1	6.714693461	-0.697404965	-0.60347378	-0.990994423	0.168444294	0.273177571	0.440803674	0.000497137	0.006492398
YGL02_GNYA1SO04I8NE8	6.908367151	-0.697640613	-0.004167302	-0.037588431	-0.089285114	0.11603	0.574577251	0.003024596	0.023576631
YGL02_GNYA1SO04IGOAA	10.08572664	-0.697813252	-0.056444827	-0.19952061	0.701831436	-0.039511918	-0.132868419	0.006198666	0.039542549
YGL02.11.C1	9.555628974	-0.697896489	-0.768612051	-0.682808559	-0.663495494	0.543172891	0.638180774	0.000157125	0.002897651
YGL02.16964.C1	7.212693169	-0.697899263	-0.392929375	-0.284058893	0.205177946	-0.242294774	0.322740861	0.000239705	0.003898192
YGL02_GNYA1SO04I20RB	9.540102426	-0.697923878	0.123160528	-0.343487454	-0.062542013	0.247086714	0.465807684	8.99E-06	0.000405575
YGL02.936.C1	9.060215981	-0.697952961	-0.260387554	-0.190747338	-0.053611841	0.329047445	0.485202397	0.000789099	0.009066108
YGL02.1589.C1	10.0464436	-0.698034298	-0.121648117	-0.376740917	-0.036419609	0.183027368	0.475412969	3.31E-06	0.000212987
YGL02_GNYA1SO04JTCTH	9.39326734	-0.69810206	-0.01504795	-0.112705713	0.090711987	0.361742975	0.21721466	0.000188899	0.003295879
YGL02.17280.C1	7.807256905	-0.698157513	0.163575145	-0.560278309	0.352366548	0.041363665	0.275774782	0.00163516	0.015209214
YGL02.1728.C5	9.619800915	-0.698438886	-0.041843922	-0.566368017	-0.068488932	0.152302646	0.610877071	2.97E-05	0.000914526
YGL02.4384.C1	9.042158283	-0.698548009	0.166508707	-0.176060666	0.177457109	0.096752239	0.407998823	1.27E-05	0.00050337
YGL02.2311.C5	8.483158911	-0.698553051	-0.202557749	-0.327883731	-0.349459204	0.005341137	0.20628036	0.000248154	0.0039895
YGL02.13610.C1	7.514594837	-0.698582761	-0.218223143	-0.236272124	-0.059306287	0.163959703	0.498815575	8.93E-05	0.001963789
YGL02.4773.C2	8.466158941	-0.698589198	-0.039233999	-0.164393205	-0.323214549	0.223113051	0.447009168	1.08E-05	0.000455891
YGL02.16257.C1	6.645135643	-0.698662199	-0.154150915	-0.527066266	-0.624228248	0.080170544	0.673819193	0.00428092	0.030249449
YGL02_GNYA1SO04JPWXP	7.436790552	-0.698765263	0.222864828	-0.245948921	0.071624922	0.129294886	0.471715771	6.68E-05	0.001591364
YGL02.14141.C1	5.852011546	-0.698798479	0.04489233	-0.127999796	0.148553937	0.894378224	0.632166719	0.000975315	0.010526853
YGL02_GNYA1SO04JC69D	10.43409432	-0.698848775	0.033857483	-0.285725906	0.859925453	-0.095120854	0.02197065	0.001841848	0.016564668
YGL02_GNYA1SO04IX0VC	10.29869145	-0.698886766	-0.34397024	-0.501686683	-0.262377513	0.285448042	0.590308828	0.000113885	0.002319946
YGL02.20950.C1	8.436942076	-0.699090095	-0.026913745	-0.393088166	-0.094263	0.232307027	0.611218503	5.32E-05	0.001359162
YGL02.1765.C2	12.58786907	-0.699106712	-0.021187472	-0.368868781	0.003899646	0.123683123	0.59572026	6.44E-05	0.001549146
YGL02_GNYA1SO04JAQIQ	8.753673625	-0.699169517	-0.410719725	-0.738251426	-0.272814621	-0.066796606	-0.069849644	0.006130115	0.039242498

YGL02.7277.C1	8.614926597	-0.699468272	-0.112786276	-0.565713849	0.122780772	0.155551631	0.45303322	0.000306093	0.004646387
YGL02_GNYA1SO04JB74X	8.84187407	-0.69972644	-0.255483366	-0.123007474	0.060874193	0.365697727	0.564039867	0.00055578	0.007049202
YGL02_GNYA1SO04IIEZB	8.990555315	-0.69988723	-0.408083932	-0.483054265	0.231515322	0.312589341	0.397168734	6.35E-05	0.001534182
YGL02_GNYA1SO04JFRA7	6.61020876	-0.700129531	0.274195125	0.05062441	-0.432234057	-0.445737946	0.203083531	0.008112847	0.047987756
YGL02_GNYA1SO04I91DZ	8.181585216	-0.700411289	-0.199785196	-0.626315186	0.117224696	0.42641925	0.697196359	0.000292843	0.004499752
YGL02.99.C1	7.393420036	-0.700478926	0.354416509	0.621625815	-0.2341906	-0.106148121	0.608941672	0.003649475	0.026933325
YGL02.17921.C2	7.169575436	-0.700529694	-0.090709409	0.244359656	0.054621073	0.214066231	0.400126342	8.47E-05	0.001889656
YGL02_GNYA1SO04IV8XI	3.447875518	-0.700533152	-0.456077657	-0.65126902	0.153589846	0.528579592	0.682460488	0.0018688	0.016728104
YGL02_GNYA1SO04JGABR	10.1431429	-0.700632353	0.109273325	0.095937731	0.072547036	0.226930519	0.63727187	0.004533512	0.031524452
YGL02_GNYA1SO04H91U4	9.356347066	-0.700661567	0.009751391	-0.235050842	0.011689605	0.101153086	0.159674555	0.003681648	0.027103595
YGL02_GNYA1SO04IMGTQ	7.324281364	-0.700673333	-0.260697732	-0.545720096	0.04656626	0.344462845	0.691344502	0.003933131	0.028422539
YGL02.1775.C1	7.852860551	-0.700712239	0.300165839	0.405891939	0.189336045	-0.163554712	-0.025082781	0.002312911	0.019455471
YGL02.21440.C1	8.065340878	-0.7007192	-0.085215947	-0.385168816	0.403955946	0.260501546	0.442094525	0.000678975	0.008133748
YGL02_GNYA1SO04JSEXF	8.894416187	-0.700848221	0.133149224	-0.213972038	-0.338125672	-0.005455146	0.600233793	3.80E-06	0.000232912
YGL02_GNYA1SO04JCZSA	7.625479626	-0.701352233	-0.241630276	-0.303957914	-0.056775386	0.110626301	0.076017063	0.000130136	0.00254413
YGL02.5520.C1	7.19735096	-0.701380066	-0.134939078	-0.830214422	-0.173634506	0.571985573	0.785400855	0.001607202	0.015024117
YGL02.13404.C1	6.589086415	-0.70144491	-1.22557132	-2.054360158	-0.032343655	0.770011147	0.90201633	0.000652367	0.041586629
YGL02.4590.C1	8.932882841	-0.701771924	-0.61046347	-0.368779555	-0.028084882	0.34622343	0.224698332	7.16E-06	0.00034967
YGL02.15954.C1	8.089396948	-0.701860956	0.14940765	-0.194278195	-0.106280025	0.477353701	0.787914499	5.83E-06	0.000306957
YGL02.978.C4	7.630759611	-0.701879059	-0.044242763	-0.427064999	-0.179055428	0.236552992	0.701264727	0.000417336	0.005759784
YGL02.5914.C1	5.593593586	-0.701957992	-0.335151672	-0.419657484	-0.158091812	0.538643538	0.577273405	0.00185394	0.016637642
YGL02_GNYA1SO04IE0G6	11.38211848	-0.701960348	-0.151917632	-0.305334935	1.039696659	0.12054184	0.041738852	0.000890077	0.009872633
YGL02.17173.C1	7.391860685	-0.702113701	-0.356688109	-0.269037146	0.156273791	0.696604315	0.516368115	0.001633903	0.015202393
YGL02_GNYA1SO04IGKJL	9.549885738	-0.702131217	-0.276758825	-0.401054091	-0.125696908	0.232538879	0.490317447	5.16E-05	0.001329148
YGL02.3459.C2	8.667002858	-0.702249343	-0.102780036	-0.496392272	0.303151457	-0.008005908	0.397129183	0.000242616	0.003930231
YGL02_GNYA1SO04IR52A	10.98809769	-0.702407793	-0.423911307	-0.495663676	-0.156996714	0.155269061	0.612303174	2.17E-05	0.000732814
YGL02.19298.C1	6.601972721	-0.702430966	-0.034352763	-0.207179333	0.845237712	-0.001992864	0.225867042	0.003969879	0.028621018
YGL02.3271.C2	7.786815484	-0.7024346	0.358884615	-0.527371294	0.014005954	-0.044478407	0.315846114	0.001262979	0.012634454
YGL02.12179.C1	5.682394663	-0.702446757	-0.247481428	-0.569871046	0.177259905	0.006785622	0.730581203	0.008485896	0.049515837
YGL02.13767.C1	8.143985743	-0.702530544	0.03384571	-0.250337164	0.965785128	0.130482276	-0.059188502	0.004463984	0.031173221
YGL02_GNYA1SO04JD5QB	8.978409346	-0.702589069	-0.217753119	-0.465487924	-0.068464786	0.459639277	0.453911363	0.00041484	0.005736351
YGL02.15271.C1	7.074370869	-0.702623262	0.028978089	-0.522932096	-0.214951259	-0.010825484	0.28312308	8.82E-05	0.001946411
YGL02.12496.C1	6.607299163	-0.702691742	-0.252404166	-0.32920828	0.117759188	0.61447718	0.174187454	2.66E-05	0.000843176
YGL02.3297.C2	9.846568934	-0.702920272	-0.212741057	-0.733174334	0.084306328	0.048202258	0.444024955	2.98E-05	0.000916299
YGL02_GNYA1SO04JQI56	8.562104835	-0.703346885	-0.18266591	-0.135766181	0.612263133	0.050948027	0.143369617	0.000936476	0.010235575
YGL02.2818.C8	7.553984801	-0.703373119	0.032762353	-0.263032783	0.303648038	0.022375489	0.363493153	3.40E-05	0.00100427
YGL02_GNYA1SO04IWDXV	8.086534638	-0.703392062	-0.157427474	-0.976434182	-0.272912097	-0.060692047	0.570796585	0.001253623	0.012571934
YGL02.1347.C1	7.98663914	-0.703538593	-0.125953169	-0.020888834	0.110929958	0.444649288	1.185295051	0.000228447	0.003766484
YGL02_GNYA1SO04H0U04	10.42151083	-0.703935883	-0.173594917	-0.479719938	-0.102754442	0.141558135	0.274917049	2.07E-05	0.000712454
YGL02_GNYA1SO04JJ1LB	8.352173747	-0.703996481	-0.336479596	-0.844712633	0.104266627	-0.123636306	0.263205697	0.005579037	0.036703569
YGL02.14877.C1	5.52608395	-0.704845112	-0.291046356	-0.2306153	-0.068397053	0.287614377	0.753957492	0.007721581	0.046329423
YGL02_GNYA1SO04IMWUW	7.900218419	-0.705031959	-0.462195954	-0.284120808	-0.121112134	0.503417098	0.325510425	0.00654606	0.041098639
YGL02.7139.C1	9.104439246	-0.705052696	-0.100702736	-0.477151891	0.134347119	0.204736884	0.73152778	0.000872435	0.009732806
YGL02.1480.C1	7.406920237	-0.705248558	-0.189739811	-0.728426884	0.228335227	-0.410616621	0.319037835	0.002310331	0.019447663
YGL02.21904.C1	5.862443937	-0.705297823	0.537399325	-0.002275749	0.662010618	-0.133224692	0.22984807	0.007782816	0.046612604
YGL02.13199.C1	8.822048568	-0.705421041	0.232042777	-0.139940895	0.046475503	0.208017705	0.484728718	1.86E-05	0.000656881
YGL02_GNYA1SO04IC81Z	6.987678099	-0.705546511	0.072976861	-0.436593865	0.327608706	0.414489082	1.145543321	0.000530945	0.006814295
YGL02.10474.C1	6.932756353	-0.70560925	-2.337175617	-1.443028874	-0.207914542	-0.551465345	0.530451136	0.005805118	0.037751727
YGL02.11920.C1	8.147663424	-0.705615294	-0.084462568	-0.450639335	0.10332287	-0.102125284	0.566912095	0.000298275	0.004557639
YGL02.8318.C1	8.659948196	-0.705706763	-0.599382487	-0.817315494	-0.221709729	0.286002418	0.933478771	0.000168054	0.003034816
YGL02.21297.C1	8.391172284	-0.705763786	-0.016266733	-0.137571256	0.729662406	0.187720812	0.024571818	0.000454632	0.006105978
YGL02.4185.C1	9.69460573	-0.705828464	-0.249732578	-0.348276875	0.112723174	0.230491749	0.719206093	0.000164955	0.002993869
YGL02.1479.C1	11.59423505	-0.705889636	-0.069626439	-0.639969909	-0.082337285	0.150272885	0.557581719	1.01E-05	0.000435198
YGL02.18765.C1	8.667324057	-0.706028802	0.086975987	-0.265725103	0.184890111	0.04569172	0.145691396	0.00277633	0.02220219
YGL02_GNYA1SO04JZTOY	9.238351436	-0.706084298	-0.31366942	-0.874886195	-0.157891399	0.079062563	0.508033707	0.000221896	0.003694357
YGL02_GNYA1SO04IC3Q8	9.832174421	-0.706113879	-0.003429257	-0.361675534	-0.255606171	0.294970303	0.288559052	0.000451372	0.006076689
YGL02.13126.C1	4.031352986	-0.706195451	-0.698391278	-1.088445813	-0.032814436	0.768601882	1.453095594	0.007164596	0.043902781
YGL02.170.C1	9.490550272	-0.70643858	-0.412040189	-0.756293131	0.100251476	0.272012139	0.587308031	0.000342514	0.00502092
YGL02.22811.C1	7.029856786	-0.706447302	0.024212887	-0.219895703	0.258223981	0.323134327	0.252142708	0.001815007	0.016397342
YGL02.21345.C1	10.30995526	-0.706649977	-0.370835144	-0.21054992	0.093854749	-0.138968201	-0.162277116	0.000424832	0.005827148
YGL02_GNYA1SO04I323J	9.677935422	-0.706761633	-0.326166897	-0.856775432	0.04369445	0.269834409	0.703047307	2.55E-05	0.000819458
YGL02.6987.C1	8.602510794	-0.706793081	-0.209898703	-0.198286058	-0.113830888	0.307079239	0.590490438	4.47E-06	0.000258207
YGL02.18542.C1	6.770036324	-0.706796551	-0.156986364	0.186238487	0.397775967	0.006049771	0.710770225	0.003285737	0.02500857
YGL02.3115.C2	10.11957551	-0.706873784	-0.338539417	-0.727576339	-0.468964622	0.017034313	0.248024562	0.002511734	0.020652998
YGL02_GNYA1SO04JSZGB	10.24079907	-0.707447568	0.636283892	0.432557775	0.028731491	-0.292888116	-0.011865178	0.00026977	0.004242221
YGL02_GNYA1SO04I64I3	6.51527419	-0.707457475	-0.14294729	-0.365942903	0.208894666	0.526673641	0.764813744	0.000578514	0.007248792
YGL02.19152.C1	7.200800463	-0.70816623	-0.186148913	0.114619598	0.026018805	0.192786223	0.513432724	0.000875784	0.009757562
YGL02_GNYA1SO04IU83K	10.11488071	-0.708205719	-0.506851896	-0.75317877	0.118824144	0.059592994	0.410866101	0.001590872	0.014913452
YGL02_GNYA1SO04JNJ9C	7.282553203	-0.708445497	-0.411806777	-0.813519283	0.856286548	0.134912766	0.133785325	0.000225584	0.003735147
YGL02.9928.C1	7.81736355	-0.708488779	-0.214769237	-0.44868555	0.922165459	0.116725008	0.080581598	0.001329404	0.013108573
YGL02_GNYA1SO04H1K4P	3.63473135	-0.708602848	-0.459877676	-0.713003369	-0.191605043	0.430483548	0.747958991	0.008587687	0.049918299
YGL02.9510.C1	6.165190591	-0.708645572	-0.231251841	-0.698618647	0.066386526	0.038752891	0.693946814	0.000216171	0.003624715
YGL02_GNYA1SO04IGXE1	10.1665902	-0.708870871	0.56473988	-0.023174238	0.393037335	-0.058898878	0.488100594	0.00055651	0.007054706
YGL02_GNYA1SO04JJDKI	6.837794818	-0.709720909	-0.35681979	-1.263268462	0.13913858	0.210715393	0.819654976	0.000750136	0.008749862
YGL02.7487.C1	7.459129154	-0.70976556	0.083531956	0.22765591	-0.132646966	0.382294815	0.532224056	0.002215904	0.018861225
YGL02.2727.C2	6.822135348	-0.709853282	0.014604295	-0.722842321	-0.21339349	-0.227765141	0.303157287	0.007710651	0.046289576
YGL02.5848.C2	8.003218466	-0.70989758	-0.119454805	-0.274513062	-0.543704382	0.001909252	0.335480855	8.50E-05	0.001892603
YGL02_GNYA1SO04JY138	8.276662589	-0.710018233	-0.172641534	-0.425309443	0.102076238	0.302654909	0.643536291	0.000897422	0.009935382
YGL02.450.C1	10.88717127	-0.710020904	0.072245584	0.119898707	-0.146447611	0.092284679	0.741983504	0.000214167	0.003599028
YGL02_GNYA1SO04I6WXB	10.64078086	-0.710087151	-0.235979385	-0.485900397	-0.140083421	0.146835661	0.499689634	0.00626561	0.039840069
YGL02_GNYA1SO04JY6JY	7.61211313	-0.710407892	-0.347270134	-0.212980701	-0.354526219	0.371559807	0.531750307	0.000625146	0.007660397
YGL02_GNYA1SO04JYH5B	6.6511076	-0.710893313	-0.214494879	-0.385710033	0.707942542	0.024289532	0.266544322	0.004018829	0.028898305
YGL02_GNYA1SO04JAKQZ	10.27204756	-0.710957475	-0.115726088	-0.473302447	-0.273175847	0.181477214	0.638719879	1.13E-05	0.000469474
YGL02.8835.C3	9.329121821	-0.710959619	-0.175852272	-0.768706563	-0.115675957	0.22199099	0.629624591	7.31E-05	0.001700487
YGL02.1078.C2	14.37709907	-0.71097606	-0.069121362	-0.58952796	-0.034734752	0.234923422	0.833173455	1.94E-06	0.000152725
YGL02.991.C5	8.618960996	-0.71112395	-0.259610725	-0.498804998	-0.581661092	0.10294397	0.750722209	0.000954512	0.010384381
YGL02_GNYA1SO04JZZ9J	10.23701917	-0.711195067	-0.320006813	-0.552794624	-0.234008266	0.243677402	0.645234685	5.41E-05	0.001372784
YGL02.17937.C1	6.415181091	-0.711301907	0.042331782	0.044032117	-0.623706819	0.199957777	0.417689151	0.001806629	0.016336469
YGL02_GNYA1SO04JDGAM	6.029347277	-0.71132661	0.37828021	0.239660135	-0.083528467	-0.125592105	0.231025641	0.000634398	0.007748747
YGL02.22915.C1	8.216626691	-0.711375363	-0.192206537	-0.552593779	-0.099183053	0.096108144	0.452017169	0.000326866	0.004859188

YGL02.2115.C2	9.898725228	-0.711554008	-0.424412416	-0.568208799	-0.306508148	0.182770994	0.35344925	0.000767821	0.008897643
YGL02.20877.C1	8.201501	-0.711600059	-0.287406171	-0.989839789	0.200818764	0.067437201	0.566731291	0.000812995	0.00926362
YGL02_GNYA1SO04JUE5B	8.743476464	-0.711615477	-0.156824888	-0.339903625	-0.407103053	0.132966661	0.611677653	4.56E-05	0.001226575
YGL02.7125.C1	5.919228866	-0.711690954	-0.174149615	0.173544285	0.009875346	0.87393114	0.260770752	0.007287259	0.044429573
YGL02_GNYA1SO04JXVIQ	12.34128288	-0.711739639	0.050867297	-0.345713618	-0.418682563	0.128054952	0.397185192	0.000720426	0.008493589
YGL02_GNYA1SO04I6BTH	5.267440682	-0.711825369	0.237972022	-0.014759179	-0.088195722	-0.200133525	0.578277821	0.006278311	0.039899274
YGL02_GNYA1SO04JPZ0M	8.481812662	-0.712004992	-0.07774265	-0.633258524	0.003348953	0.053997164	0.570020806	0.000193053	0.003344573
YGL02_GNYA1SO04JTQED	8.313200457	-0.712117146	-0.795863186	0.07145149	0.298096065	0.16554259	0.0661408	0.000435739	0.005925367
YGL02.2818.C19	7.804814088	-0.712224215	-0.160814505	-0.187937732	-0.02435651	0.035988778	0.403930949	2.42E-05	0.000789646
YGL02.12432.C1	6.357296248	-0.712324808	0.022596204	-0.507453459	-0.423968196	0.083024794	0.685433197	0.002410394	0.020052492
YGL02.12593.C1	8.131984993	-0.712362946	-0.028732687	0.23991802	-0.549098491	-0.020568764	0.216654148	0.000657493	0.007946975
YGL02_GNYA1SO04I9K17	6.631195318	-0.712619736	-0.229489604	-0.444167041	-0.040909071	0.287287434	0.756045277	0.005811768	0.037784661
YGL02.13910.C1	8.260170276	-0.712690707	-0.087805949	-0.105533609	-0.096555228	0.337475019	0.413637529	2.33E-05	0.000770431
YGL02_GNYA1SO04H7M10	7.577689294	-0.712946651	-0.211674288	-0.222127181	0.186774502	0.210662198	0.672267508	0.00076296	0.008856363
YGL02_GNYA1SO04I5R03	10.11200872	-0.713304848	-0.002195103	-0.257482266	0.026062223	0.093084177	0.415877272	1.46E-05	0.00055746
YGL02.5195.C1	9.124389143	-0.713403083	-0.273215743	-0.369351776	-0.319874718	0.311461929	0.501294733	7.96E-06	0.000375122
YGL02_GNYA1SO04I9XJS	8.553703154	-0.713591734	-0.282895314	-0.777828596	0.625771282	0.017508258	-0.35426656	0.002062587	0.017916585
YGL02_GNYA1SO04I77MC	9.830102482	-0.713627452	-0.147146135	-0.822337857	-0.054485664	-0.078838004	0.40211262	0.000134318	0.002600363
YGL02.792.C2	8.535155851	-0.713823299	-0.966983722	-0.73674966	0.254882027	0.623462073	0.452893306	2.85E-05	0.000887341
YGL02.5804.C10	5.299740198	-0.713981738	0.048344574	0.027517954	1.074159144	0.52509668	0.245957295	0.001773726	0.016129683
YGL02_GNYA1SO04JWYOI	9.602381318	-0.714089636	0.0103897	-0.509427305	0.153123392	-0.049011475	0.265634338	2.98E-06	0.000198699
YGL02_GNYA1SO04I0HD1	6.747221153	-0.714154323	0.020829282	0.677015157	-0.368713787	-0.074020785	0.169414286	0.001207457	0.012250315
YGL02.10397.C1	10.32876078	-0.71418145	-0.316885131	-0.17660095	-0.149931353	0.10512083	-0.132529699	0.000474122	0.006288821
YGL02.6215.C7	9.005102218	-0.714252411	-0.182326493	-0.198433721	0.067200109	0.191057874	-0.080064044	0.005047697	0.034123293
YGL02.965.C2	10.01506346	-0.714280585	-0.241097073	-0.388105979	-0.168877404	0.203596061	0.250701212	2.96E-05	0.000912118
YGL02_GNYA1SO04JLM2R	7.826670754	-0.714511893	-0.244188186	-0.472112577	-0.187851722	0.542878789	0.69681988	0.000669453	0.008051502
YGL02.14674.C1	8.615303198	-0.714671651	-0.461691922	-0.288645807	-0.261059909	-0.067923965	0.572810851	7.54E-06	0.00036251
YGL02.5947.C1	9.63421339	-0.714747865	-0.277890812	-0.420791585	0.083713438	0.246201876	0.413981161	2.70E-05	0.000853009
YGL02_GNYA1SO04IPTK9	7.620843533	-0.714767766	-0.151606709	-0.297762464	-0.288286848	0.210724599	0.349281264	0.001073584	0.011260872
YGL02.19318.C1	6.56494328	-0.714967458	-0.148864589	-0.786592978	0.097109614	0.44566309	1.13181603	0.006205883	0.039571624
YGL02_GNYA1SO04IASC9	7.686394601	-0.715064924	-0.184550208	0.019774331	-0.184105177	0.196569384	0.326562358	0.006392268	0.040423241
YGL02.1709.C2	8.939052794	-0.715069386	0.050169658	-0.296707608	-0.424045349	0.041667492	0.65370472	0.000118941	0.002390601
YGL02_GNYA1SO04JPGH3	6.425592984	-0.715081901	0.248001396	-0.678156886	-0.004521399	0.238741514	0.324475519	0.004518388	0.031444612
YGL02.7778.C1	10.73393571	-0.715142936	-0.119001815	-0.476618538	-0.150980089	0.335786285	0.759216167	0.000125199	0.002476026
YGL02.3089.C1	7.843948274	-0.715253716	-0.410094413	0.078049566	0.149959843	0.273222595	-0.025782429	0.006193891	0.039519876
YGL02_GNYA1SO04I5VX1	8.609324047	-0.715272382	0.016873432	-0.079068351	0.181201381	-0.019435111	0.150275254	0.001058926	0.011156203
YGL02_GNYA1SO04I8H8R	8.270741694	-0.715352155	0.089045172	-0.252335687	0.17462853	0.086977491	0.384614875	0.001361889	0.013334463
YGL02.8893.C2	7.404862483	-0.71548255	-0.258065219	-0.44470303	-0.296447032	-0.117211371	0.495918159	4.16E-05	0.001151771
YGL02.1844.C1	7.783446632	-0.715502387	-0.489009346	-0.575507154	-0.10324551	0.141610755	0.43937987	0.003454413	0.025902658
YGL02.18800.C1	8.717897959	-0.715604493	-0.200020781	-0.345708623	0.324119758	-0.039471239	0.217691647	0.000280359	0.004365259
YGL02_GNYA1SO04H7JTE	12.07178293	-0.715678667	-0.337452547	-0.706086858	-0.084240684	0.287106439	0.639390713	0.000444835	0.006014944
YGL02_GNYA1SO04IMJ6T	8.063374944	-0.715852214	-0.142944228	-0.469524257	-0.034377134	0.006665043	0.114180802	0.001111012	0.011537633
YGL02_GNYA1SO04IZQDM	7.158784928	-0.716044429	-0.15600901	-0.506870999	-0.004928926	0.205910313	0.61061664	0.000159701	0.002928065
YGL02.463.C1	9.125789407	-0.716366074	0.105938397	-0.282229707	-0.194098044	-0.038605809	0.565289746	8.48E-06	0.000391239
YGL02.7521.C1	7.922736296	-0.716669855	0.587842082	0.288111794	-0.100394319	0.335470465	0.49712033	0.003551204	0.026438352
YGL02_GNYA1SO04I1SXU	8.345332579	-0.716693126	-0.107291335	-0.298381727	0.460712449	0.034327616	0.05513697	0.00015183	0.002829424
YGL02.15171.C1	8.363375419	-0.716712713	0.110746808	0.087210028	0.236404669	-0.020003012	-0.174765608	0.005158543	0.03466812
YGL02_GNYA1SO04IT91R	3.391074845	-0.717184891	-0.317179489	-0.747534656	0.320245519	0.410840315	1.146921256	0.005512019	0.036369837
YGL02.5719.C2	6.536739739	-0.717243653	0.184846248	-0.196602043	-0.029657795	0.311078734	0.365208358	0.007119899	0.043688942
YGL02_GNYA1SO04JCA2S	6.838712436	-0.71745509	-0.949668869	-1.304846858	0.213701979	0.213040968	0.420654415	0.000441123	0.005971782
YGL02.7814.C2	6.862058925	-0.717483562	0.01805864	-0.074627092	-0.006466523	0.394637745	0.695273068	0.000547258	0.006969093
YGL02.9763.C1	5.680844133	-0.717500904	-0.368963205	-0.124927429	0.029786387	0.232553736	0.159647435	0.00468168	0.032289483
YGL02_GNYA1SO04IOICW	8.980771392	-0.717514459	-0.039797638	-0.11128852	0.328826622	0.173937619	0.109431284	0.00047546	0.006301409
YGL02.1910.C14	9.37350635	-0.7176515	-0.186060572	-0.43354755	0.108497235	0.375282035	0.615895412	2.96E-05	0.000911792
YGL02_GNYA1SO04IF8MM	7.915196309	-0.717738254	-0.105134621	-0.176290032	-0.169416907	0.046158184	0.613667525	3.57E-05	0.001040137
YGL02_GNYA1SO04JPPRU	14.59745178	-0.7177937	-0.247313211	-0.519350487	-0.334144687	0.402987993	0.718471956	5.85E-06	0.000307298
YGL02.5389.C3	6.627529328	-0.717796954	0.183873697	-0.354116686	0.765925482	-0.2458888	0.073915657	0.002158309	0.018513633
YGL02.11514.C1	8.045850588	-0.717875675	-0.072237169	-0.297783467	0.035412439	0.179746803	0.455779964	0.000803529	0.009188918
YGL02.11837.C1	7.634412117	-0.717959931	0.032192839	-0.335229858	0.043179205	-0.136531325	0.135159463	0.0047497	0.032636943
YGL02_GNYA1SO04JX4XB	8.664709338	-0.717990214	-0.030683141	-0.333836886	0.876905633	0.140613103	0.371554845	0.001915022	0.017025344
YGL02.9218.C1	12.68077089	-0.718028288	0.271066687	-0.292848492	0.070338603	0.23564125	0.286833467	1.54E-06	0.000132743
YGL02.22810.C1	7.551209233	-0.718097645	0.066634789	-0.136586078	0.097056943	0.479333213	0.730858669	9.85E-05	0.002098866
YGL02.4351.C1	9.374505196	-0.71814466	-0.076118636	-0.612969516	-0.023946208	-0.043388792	0.399796832	4.83E-06	0.000271288
YGL02_GNYA1SO04H4HL2	7.366860161	-0.71817374	0.040355599	0.185184312	0.053451392	0.332778109	0.721746552	0.004690604	0.032338976
YGL02.13946.C2	7.334259072	-0.718208336	0.043066284	0.197560389	-0.006948284	0.223632747	0.129951002	3.07E-05	0.000935323
YGL02.2906.C1	8.87695477	-0.718298953	-0.001026138	-0.238223637	-0.058261263	0.401953206	0.693104647	0.003688011	0.027141931
YGL02.4048.C1	8.950519917	-0.718519807	-0.319316485	-0.054645306	-0.038126367	0.387208607	0.551119876	8.92E-05	0.001962137
YGL02_GNYA1SO04JSDXV	5.818875716	-0.718689132	0.15707861	0.272068967	0.551355743	0.138883848	0.364900403	0.003891566	0.028204014
YGL02_GNYA1SO04JZ6JF	8.234104857	-0.718700197	-0.362747708	-0.28293787	0.178461118	0.17250492	0.435391505	0.000837047	0.009454492
YGL02.13007.C1	8.774412536	-0.718714639	-0.140218517	-0.512355131	0.430085985	0.239928297	0.349019005	4.32E-06	0.00025232
YGL02_GNYA1SO04I9BL1	8.924059134	-0.718750864	0.044803393	-0.236204171	1.097867624	-0.015009972	-0.045290258	0.000471154	0.006261641
YGL02.5384.C1	13.80735091	-0.719043348	-0.182168456	-0.355364319	0.120291259	0.252831888	0.479425922	9.48E-05	0.002046045
YGL02_GNYA1SO04H5LHI	9.393951868	-0.71914567	-0.123450367	-0.645859617	0.413032224	-0.054606516	-0.123548906	0.000634863	0.007752327
YGL02_GNYA1SO04JI8WF	5.88239653	-0.71936576	-0.584040841	-0.521951671	0.991054354	0.451931601	0.555479397	0.008552927	0.049774644
YGL02_GNYA1SO04ILCKE	7.229354364	-0.719463193	-0.147224286	-0.422774198	-0.323355328	0.411882489	0.474198784	0.001602074	0.014989063
YGL02_GNYA1SO04H8PWT	8.689581755	-0.719485317	-0.164238306	-0.546228509	0.160886786	0.278844149	0.455797179	0.000302373	0.004606123
YGL02_GNYA1SO04JBXHJ	7.699041762	-0.71948865	-0.0744557	0.070138954	0.632169422	0.26361392	0.09562466	3.25E-05	0.000973836
YGL02.17672.C1	7.371494233	-0.719744534	0.373433018	0.072147981	0.217273405	-0.519754276	-0.223673613	0.00726389	0.04431852
YGL02.18715.C1	8.132632664	-0.719777454	-0.352384508	-1.092044735	-0.051457671	0.095038823	0.934345926	0.000125108	0.00247599
YGL02.20431.C1	4.295770467	-0.719802369	0.337721397	-0.041281756	0.159456926	0.044169636	0.349944114	0.000219323	0.003660974
YGL02.14387.C1	9.081922746	-0.719866678	0.598442578	0.480867532	0.152302149	-0.393600008	-0.219860557	0.002517498	0.020683646
YGL02_GNYA1SO04I5BOG	9.353539381	-0.719977203	-0.131391211	-0.162117819	0.116353311	-0.08008953	-0.058422762	0.003858409	0.028035607
YGL02_GNYA1SO04JD21Q	8.099840349	-0.720163178	-0.263390401	-0.330614489	-0.508166937	0.044926628	0.601833329	9.19E-05	0.002003974
YGL02_GNYA1SO04IL6Z2	7.500654379	-0.720230646	-0.006987797	-0.692112425	0.384691072	0.259403493	1.045824274	0.000467622	0.00623069
YGL02.18312.C1	8.768803844	-0.72027585	-0.225345305	-0.32521099	-0.086174623	0.36679653	0.541069699	4.03E-06	0.000241991
YGL02_GNYA1SO04JE23D	5.659002626	-0.720280394	0.319116273	0.021882098	0.119105235	0.320169123	0.860612867	0.007316985	0.044564651
YGL02_GNYA1SO04INB3Z	7.248125511	-0.720458512	0.026828472	-0.200675059	0.455878409	0.168851918	0.143371924	0.000644389	0.007836136
YGL02.1271.C1	11.75591575	-0.720465795	0.041445045	-0.733038741	0.069353567	0.09552972	0.430287911	0.000128427	0.002518825
YGL02.3383.C3	13.9330071	-0.720516969	0.265857742	0.0368525	0.190423856	0.178855848	0.660774164	0.000209376	0.003539191
YGL02.14973.C1	8.998788767	-0.72072458	-0.052220907	-0.363683362	1.035175845	0.087469646	0.117006916	0.000289977	0.004467918

YGL02.4559.C1	6.452068782	-0.720931576	-0.127892394	-0.549081481	0.010626698	0.122361834	0.729241954	0.000282018	0.004384753
YGL02.16243.C1	8.342806707	-0.721086009	0.279197821	0.19540007	0.032574134	-0.004073253	0.361400747	0.000143703	0.00272662
YGL02_GNYA1SO04JDIUB	9.759758667	-0.721151399	-0.235579973	-0.219652236	0.164567952	0.072618452	-0.008058093	0.00684397	0.042409762
YGL02.23186.C1	6.274074714	-0.721256928	-0.18944629	-0.574298894	0.11473215	0.453205613	0.763893174	0.000970505	0.010491712
YGL02_GNYA1SO04JYIL3	8.94981174	-0.721277248	0.090818192	-0.534013417	-0.471197368	0.136333274	0.757902677	0.002913626	0.0229604
YGL02.14614.C1	9.037708385	-0.72127895	-0.274049862	-0.700533452	0.202187561	0.157897341	0.510584711	3.73E-05	0.001070913
YGL02.9158.C1	7.378049948	-0.721341558	0.017578186	-0.074321029	-0.063778828	-0.272616674	-0.037184724	0.000645009	0.007840721
YGL02.6874.C1	7.82003742	-0.721416484	0.052353377	0.112328982	-0.294380737	-0.141214073	0.324292512	5.58E-05	0.001403887
YGL02.13856.C1	5.380095622	-0.721458185	0.076706516	-0.054684252	0.098982444	-0.177229518	0.251010428	0.007891868	0.04704384
YGL02.22326.C1	7.931982496	-0.721505823	-0.89957973	-0.848161382	0.36834602	0.39155762	0.326594167	0.00066068	0.007974833
YGL02.23283.C1	7.4067092	-0.721523762	0.119099373	-0.276242754	0.162350529	-0.053520129	0.392526257	8.00E-05	0.001811881
YGL02.5815.C1	9.777385853	-0.721556163	-0.303285431	-0.695064412	0.006894717	-0.010049155	0.448943487	0.001190997	0.012128933
YGL02.12050.C1	7.405229638	-0.721890619	-0.109169895	-0.916711124	0.051225503	0.442785886	0.933392722	0.000267826	0.004218822
YGL02.7649.C1	8.584113883	-0.721977028	-0.128059804	-0.176709937	-0.042403185	0.037261422	0.550480505	1.47E-06	0.000128668
YGL02_GNYA1SO04J0DJP	11.72099839	-0.722063989	-0.097416752	-0.326799546	0.983240932	-0.017924758	0.013554889	0.002406197	0.020020386
YGL02_GNYA1SO04IMBW3	8.932370796	-0.72212556	-0.32523498	-0.52727968	0.118884493	0.234692373	0.569719651	4.98E-05	0.001299044
YGL02.14304.C1	8.421655943	-0.722363926	-0.168476006	-0.312961361	0.215473564	0.293292996	0.324005388	0.001270624	0.012686324
YGL02.20563.C1	7.005128881	-0.722434154	0.062656364	-0.177954197	0.634437437	-0.021043307	0.237196706	0.002220389	0.018886993
YGL02.12999.C1	6.35571409	-0.722506463	-0.188918548	-0.520399224	0.193220227	0.344326596	0.891048122	0.008242061	0.048500037
YGL02_GNYA1SO04IGIJN	13.20046987	-0.722518249	-0.203005119	-0.37795843	0.908745844	0.043358708	0.057210187	0.000269597	0.004240517
YGL02_GNYA1SO04IW6OD	12.06226631	-0.722549483	0.255603866	-0.137123871	-0.590662539	0.209126365	0.472291307	0.006236734	0.039716912
YGL02.10822.C1	8.772345873	-0.722863948	-0.166967557	-0.23737343	0.067715737	0.079995071	0.613717794	0.000695349	0.008271741
YGL02.21915.C1	7.567684423	-0.723089655	-0.03301145	-0.588378182	-0.464393239	0.055284867	0.560959842	0.001488763	0.014220815
YGL02.1157.C2	8.279528442	-0.723151475	-0.131323888	-0.358287613	0.422666855	0.14331564	0.172032486	0.004660787	0.032179663
YGL02_GNYA1SO04JOIS3	12.80543661	-0.72348038	-0.241017883	-0.115780877	0.023458454	-0.176101345	0.138248472	0.002362271	0.019759006
YGL02_GNYA1SO04J04VC	9.072744899	-0.723549818	-0.201308634	-0.617360896	-0.066916551	0.336653202	0.551580768	3.74E-06	0.000230777
YGL02.1300.C1	12.91995208	-0.723690289	-0.114177837	-0.770977915	-0.032949773	0.147318541	0.517174389	0.000610248	0.007523405
YGL02_GNYA1SO04JD8IU	6.540141352	-0.723775739	-0.205958638	-0.198346224	-0.224811889	0.044417194	0.262003592	0.00305812	0.023769271
YGL02_GNYA1SO04ISKA4	6.521380666	-0.723864719	-0.116992855	-0.310186221	-0.192916769	0.473701778	1.047297239	0.00033403	0.004932853
YGL02_GNYA1SO04JOYUU	7.516524058	-0.7239514	0.150991196	-0.388093376	0.135683774	0.225753965	0.475960504	1.53E-05	0.000575846
YGL02.10717.C1	6.893182967	-0.724013766	-0.174096382	-0.327566874	0.150448258	0.349957354	0.125272098	0.001475096	0.014131159
YGL02.12528.C1	7.805328457	-0.724345093	-0.055742908	-0.72996122	0.057421535	-0.211065752	0.619027201	0.00063017	0.007708722
YGL02_GNYA1SO04JE60Q	9.651138944	-0.724386398	-0.404292456	-0.475405485	-0.076665306	0.414127915	0.73063296	4.84E-06	0.00027155
YGL02.18497.C1	6.619571318	-0.724449508	-0.260118842	0.059123293	0.293735574	-0.208464612	0.000279876	0.006386725	0.040401881
YGL02_GNYA1SO04IJR21	6.713311365	-0.724499883	0.067501404	-0.659320172	-0.57762194	0.262356839	1.081364496	0.006525271	0.041007197
YGL02.8906.C1	10.01476766	-0.724513607	-0.330122427	-0.843692408	0.288546418	0.225245418	0.574949028	2.58E-05	0.000826669
YGL02_GNYA1SO04I26ZZ	9.753967556	-0.724610545	-0.190110784	-0.396955447	0.698101963	0.11940581	-0.059475955	0.004537051	0.031538902
YGL02.14019.C1	8.90403159	-0.72461144	-0.290137456	-0.338961506	0.248895833	0.297688908	0.552592756	0.000521966	0.006725048
YGL02_GNYA1SO04I0G5T	7.44929811	-0.724732001	0.000305401	-0.17157875	0.105962751	0.25084257	0.58632045	0.00018248	0.00321157
YGL02_GNYA1SO04I2ZXC	12.42635024	-0.724760545	-0.208043727	-0.508004955	-0.079944369	0.312105438	0.622269157	1.53E-05	0.000575846
YGL02.4526.C1	10.89827605	-0.725208772	0.138307777	-0.416982996	0.248451365	0.292129933	0.511074959	7.05E-06	0.000346691
YGL02.22453.C1	7.243442895	-0.725211262	-0.145006218	-0.652831641	-0.105955259	0.126450638	0.553793364	0.005721524	0.037395898
YGL02_GNYA1SO04H4LZB	7.869319802	-0.725384294	0.118427208	0.013694511	0.041273198	-0.081198715	0.158164338	0.001291144	0.0128328
YGL02.2702.C1	10.53699637	-0.725406321	-0.164492076	-0.360464869	-0.03509918	0.244826119	0.687859354	6.24E-05	0.001515576
YGL02.11862.C1	9.11804642	-0.725806911	-0.396995293	-0.49531355	-0.271847218	0.112852471	0.512643238	0.001492602	0.014246977
YGL02.10432.C1	9.983239413	-0.725822905	-0.067245807	-0.471143741	-0.112269904	0.397073941	0.742848478	0.00028102	0.004372395
YGL02.3101.C9	8.189451992	-0.726020142	-0.223952635	-0.530488349	0.098614191	0.285286433	0.539129226	0.003125576	0.02413855
YGL02_GNYA1SO04H9BTU	8.415147445	-0.726047956	0.26035495	-0.376095447	-0.363300213	0.184627716	0.696630099	0.000501959	0.006536861
YGL02_GNYA1SO04IRGQH	7.922798736	-0.726147568	0.188305148	-0.384409835	0.013395448	0.086887308	0.336565177	5.72E-05	0.001429174
YGL02_GNYA1SO04JNG6M	7.566586145	-0.726191763	-0.220149458	-0.04785524	0.071247902	0.386216824	0.551950694	0.000696363	0.008280002
YGL02_GNYA1SO04H0MO9	10.22735685	-0.726265053	-0.549988139	-0.578460796	0.010072262	0.382551284	0.865339246	1.06E-05	0.000451085
YGL02_GNYA1SO04H5J5E	12.54872158	-0.726313344	-0.206262653	-0.119660884	-0.116966888	-0.272664383	0.173112692	0.000936551	0.010235575
YGL02.3135.C1	6.198532762	-0.726817484	-0.209864043	0.559423151	-0.331045879	0.174621124	0.716517288	0.002756978	0.022084788
YGL02_GNYA1SO04JOR24	6.7834177	-0.726838674	-0.204901308	-0.349416865	0.02855063	0.40227937	0.746855059	0.000899745	0.00995545
YGL02.18110.C1	8.571690608	-0.726990788	-0.166275581	-0.461524983	0.2222858	0.054461196	0.402167477	0.000111707	0.002292157
YGL02_GNYA1SO04JY7OT	7.754112436	-0.727084781	0.307833082	-0.390618793	-0.002105012	-0.581999284	0.624704396	0.001289275	0.012823216
YGL02_GNYA1SO04JZMH2	7.11492963	-0.727100176	-0.056570806	-0.637756795	-0.203058696	0.094325663	0.611890889	4.46E-05	0.001210019
YGL02.18264.C1	4.857396084	-0.727138009	0.153902305	-0.197680207	-0.224885996	0.283095081	0.053118685	0.002636792	0.021371001
YGL02.17605.C1	8.932969035	-0.727268612	-0.412017666	-0.307482984	-0.285664139	0.432257098	0.526784652	0.000117599	0.002369142
YGL02.553.C3	7.110998173	-0.727394296	-0.591987064	-0.756000164	-0.230300389	0.125216711	0.202998815	9.19E-05	0.002003974
YGL02_GNYA1SO04ISFOT	9.960118927	-0.727461791	0.363755305	-0.105025668	0.000893708	0.023663583	0.242806516	0.000121127	0.002420625
YGL02.2271.C4	6.347323741	-0.727466287	-0.27980351	0.022209519	-0.016073979	0.376571399	0.50667047	0.001990864	0.017501362
YGL02.15835.C1	7.928694165	-0.727606654	-0.493696721	-0.645996177	0.194519409	-0.037618172	0.459003584	0.000635639	0.007758874
YGL02_GNYA1SO04IPOPH	8.031167723	-0.727632587	0.060629952	0.01211281	0.347114838	-0.016446234	0.60883441	0.001154667	0.011864388
YGL02.12007.C1	10.38691177	-0.727814125	-0.100149017	-0.527527629	0.329136572	0.167401856	0.398715793	9.77E-06	0.000427482
YGL02_GNYA1SO04JM5T9	6.240467622	-0.727870317	-0.421170425	-0.291249974	-0.611357811	0.586771338	0.367904491	0.000664123	0.008001721
YGL02.14380.C1	11.55540463	-0.727930917	-0.159818914	-0.642243137	-0.378371797	0.0886521	0.662368844	0.00220429	0.018799133
YGL02.6438.C3	7.499238223	-0.728191389	0.19729939	-0.044058772	-0.121469705	0.203130689	0.229722402	4.55E-05	0.001224538
YGL02_GNYA1SO04H7PPL	10.67661157	-0.728217951	0.155799422	-0.091005214	0.133998617	0.310042192	0.548978754	5.94E-05	0.001466453
YGL02_GNYA1SO04H17FR	6.970177139	-0.728258141	-0.587047597	-1.405178275	0.146090507	0.134243606	0.88405303	0.003709092	0.027253709
YGL02.5381.C1	7.314366545	-0.728522679	-0.250737391	-0.728868503	-0.655835027	0.212870736	0.730681246	0.005918584	0.038289637
YGL02.21793.C1	9.52610416	-0.728894672	-0.528767929	-0.6946182	0.019575487	0.285337092	0.398281098	1.48E-05	0.000562174
YGL02.21612.C1	6.572145323	-0.729254932	-0.316892387	-0.453908374	-0.223854168	0.372602274	0.370189243	0.002132961	0.018349475
YGL02_GNYA1SO04J0178	8.143845269	-0.729263511	-0.117409011	-0.809337116	-0.152385083	0.287617653	0.850311479	0.006879163	0.042560635
YGL02.19925.C1	6.919308779	-0.729377543	-0.444319306	-0.511266954	0.089304422	0.457904202	0.715032327	0.000908935	0.010024283
YGL02.11743.C1	9.821316979	-0.729406891	-0.031905055	-0.765037164	-0.091482768	-0.090782744	0.368682851	3.61E-06	0.00022589
YGL02.12041.C1	11.47717379	-0.729486665	-0.39569401	-0.669115557	-0.070278023	0.390542258	0.636449085	2.03E-05	0.000701668
YGL02_GNYA1SO04I8VLU	7.682330392	-0.729570124	-0.076286773	0.001935728	-0.227943871	0.377486369	1.171740255	0.000236974	0.003866393
YGL02.18322.C1	6.735405578	-0.729635831	-0.606357601	-0.579806777	0.346892041	0.419290304	0.575774248	0.001355627	0.013288227
YGL02_GNYA1SO04JHP7D	8.637926949	-0.729992724	-0.193224672	-0.535846728	-0.13703437	0.099955135	0.472350809	0.000955355	0.01038673
YGL02_GNYA1SO04H3ETV	9.971896738	-0.730023988	-0.267253824	-0.097559732	0.414345642	0.373893428	0.644440157	5.11E-05	0.001321508
YGL02.13445.C1	9.263756401	-0.730227903	-0.051885449	-0.270638465	0.355681016	0.186412894	0.361236857	0.001352405	0.013265678
YGL02.11689.C1	9.82634017	-0.730294359	-0.147682336	-0.729253536	0.225741763	0.336887358	0.71421176	4.37E-05	0.001190879
YGL02_GNYA1SO04IVGT3	8.48838948	-0.730402119	0.28800952	-0.059624479	0.328613308	0.223917924	0.134374861	0.002285405	0.019295541
YGL02_GNYA1SO04I22PN	7.487229461	-0.730412997	0.053542759	-0.393449195	0.028007816	0.095560252	0.324955695	5.71E-05	0.001428286
YGL02.12947.C1	8.027147486	-0.730467692	-0.135494866	-0.711672211	0.136472861	0.298608385	0.577202662	4.71E-06	0.00026648
YGL02.14232.C1	9.994489705	-0.730545024	-0.133383091	-0.407893372	0.099292992	0.201915812	0.519260843	0.000146411	0.002762419
YGL02.11234.C1	6.072585798	-0.730576407	0.40416165	-0.258233668	0.430755983	-0.100324657	0.639753229	0.002543257	0.020834147
YGL02_GNYA1SO04JXL2P	8.098137579	-0.730836613	-0.13597278	-0.553391751	0.270400735	0.287780335	0.672286189	0.000491158	0.006442857
YGL02_GNYA1SO04JGO5D	6.467346798	-0.730930068	0.425905739	0.096586039	0.798783082	0.17817382	0.476139372	0.002064143	0.017926502

YGL02.6495.C1	11.43129314	-0.730975078	-0.244239695	-0.152166935	-0.116784991	0.219587063	0.153605062	8.08E-06	0.000378504
YGL02.13453.C1	8.103609595	-0.731052797	-0.070043114	-0.520995647	-0.099810323	0.139453416	0.684711978	0.000203954	0.003474691
YGL02.8028.C1	10.02795545	-0.731176306	-0.087155617	-0.629184648	0.066818501	0.246713072	0.471716128	1.02E-05	0.000440745
YGL02_GNYA1SO04JYSJZ	6.592719864	-0.731596063	-0.200979746	-0.439935907	-0.347086344	0.418165858	0.871972779	0.000771843	0.008925242
YGL02_GNYA1SO04ICWI9	9.605555882	-0.731637336	0.682205219	0.478822824	-0.229591404	0.075251602	0.38037877	0.002416639	0.020080014
YGL02.1046.C1	10.48324466	-0.731742218	-0.032456479	-0.093128443	-0.071314628	0.163786284	0.463499512	1.34E-06	0.000120662
YGL02.5558.C1	8.58552328	-0.731875387	-0.134688394	-0.638644577	0.219986019	-0.161753278	0.506817812	0.000275257	0.004303928
YGL02.4940.C2	5.94726674	-0.732061962	-0.343704456	-0.237629272	0.383613998	0.589351461	0.252992823	0.001004791	0.01074558
YGL02_GNYA1SO04IZQQF	9.681000761	-0.732198017	-0.185440451	-0.088409655	-0.280368735	0.083596329	0.123685889	0.000339775	0.004992633
YGL02_GNYA1SO04H5VVM	9.210456766	-0.732251042	-0.872098243	-0.719254828	-0.886128587	0.646871764	0.712435266	0.000168484	0.003040872
YGL02_GNYA1SO04IZ7XM	3.876979997	-0.732308649	-1.187866359	-1.197363997	0.153022195	0.81705842	0.740951306	2.72E-05	0.000856499
YGL02.445.C1	14.54615625	-0.732407017	-0.236573637	-0.515374158	0.284890522	0.300222589	0.71606859	1.52E-05	0.000573728
YGL02.1593.C1	10.23529235	-0.732408902	-0.067059172	-0.137151385	0.070811126	0.174238131	0.206776419	9.14E-06	0.000410187
YGL02_GNYA1SO04JK2P5	9.260913678	-0.732687515	0.053612393	-0.04944596	0.164653715	0.039250258	0.208457673	4.91E-05	0.001287077
YGL02.16501.C1	5.250832811	-0.73272902	-0.306068499	0.125330712	0.210751875	0.342114645	-0.088402975	0.001775673	0.016138809
YGL02.12792.C1	10.05487009	-0.732775984	-0.149761544	-0.245831595	-0.461927859	-0.032833821	0.29959781	0.000911329	0.010043841
YGL02_GNYA1SO04ITYDS	8.541341537	-0.73301308	-0.021333727	-0.636941466	0.035572238	0.204875218	0.610231281	0.000866215	0.009685948
YGL02.4140.C1	9.226271418	-0.733016449	-0.392101248	-0.361850431	0.105888517	0.350934487	0.371650162	2.64E-05	0.000840399
YGL02.12880.C1	10.05732342	-0.733063714	0.08987465	-0.262036089	-0.130175639	0.177960603	0.570677795	1.81E-05	0.000645034
YGL02.8247.C1	7.802971827	-0.733076541	-0.442194063	-0.674255625	0.377992668	0.372343651	0.424488007	0.000557637	0.007062372
YGL02.23682.C1	7.979390437	-0.733172924	-0.110274063	-0.105160011	0.052601793	0.214419983	0.185999527	0.004305727	0.030366047
YGL02.5251.C1	7.847546215	-0.733221446	-0.086226358	-0.627017971	0.12022956	0.300716478	0.701106189	0.001995091	0.017525432
YGL02_GNYA1SO04J0DCI	7.442406955	-0.73388951	0.477915632	0.219974468	0.147432079	0.272039114	0.48126431	6.39E-05	0.001540485
YGL02.8134.C3	9.776520838	-0.734118373	-0.200858706	-0.353343061	0.94997189	-0.03988986	-0.138676959	0.002264532	0.019174315
YGL02.740.C4	5.997327828	-0.73440035	0.110927442	-0.27829241	0.754545931	-0.098862847	0.167797734	0.002804381	0.022356942
YGL02_GNYA1SO04IKF3O	7.677531124	-0.734635656	-0.22330621	-0.366705567	-0.095453385	0.546703683	0.739907833	0.008490393	0.049535737
YGL02.23455.C1	9.210366974	-0.734833019	-0.457650502	-0.763571181	0.567687988	0.386063054	0.568465266	6.01E-06	0.000312183
YGL02_GNYA1SO04JCZ46	7.113444492	-0.734872717	0.121560772	-0.482619055	-0.066394701	0.201738904	0.570461812	0.001837456	0.016539
YGL02_GNYA1SO04H8Z7U	8.572590687	-0.734978568	-0.024419847	-0.311404196	-0.215668671	-0.004620283	0.228632537	5.77E-05	0.001438157
YGL02.18251.C1	8.435850975	-0.735458237	-0.043638951	-0.366514858	0.464906978	0.325086701	0.324735664	0.002615187	0.021242525
YGL02.17053.C1	7.49809902	-0.735579128	-0.117558494	-0.361007113	0.160611814	0.183251917	0.642262653	0.002097114	0.018129688
YGL02.16840.C1	5.513142342	-0.735642707	0.311280925	-0.413517701	-0.23894129	-0.182139259	0.205434742	0.004311225	0.030393283
YGL02.11761.C1	8.054921328	-0.735643972	-0.261160492	-0.815098051	0.28520879	0.447676862	0.746066091	7.78E-06	0.000369122
YGL02.7916.C1	7.13147875	-0.735715957	0.143026487	-0.552889121	-0.056319556	0.259103377	0.751215648	0.000149103	0.002797926
YGL02_GNYA1SO04I70OK	7.25780763	-0.735836111	-0.619637879	-0.413361342	-0.804039988	0.70407846	0.765841172	0.001247645	0.012528479
YGL02_GNYA1SO04JVRUI	10.96436889	-0.73594224	-0.530575274	-0.342890862	0.01146426	0.129335178	0.113010315	4.98E-05	0.001299044
YGL02.21668.C1	7.981295622	-0.736331948	0.177341502	-0.605998158	0.074571231	-0.007040974	0.29498933	0.000448302	0.006046043
YGL02_GNYA1SO04IIQZS	8.031298426	-0.736366935	-0.492585717	-0.318723188	0.209432178	0.34336985	0.420113495	0.000829466	0.009396679
YGL02.2512.C1	3.625712283	-0.73638377	-0.896919197	-0.592955739	0.169705015	0.80510094	0.755971939	0.006532084	0.041032772
YGL02_GNYA1SO04JZ53C	9.213959777	-0.736462643	-0.18941604	-0.21004824	0.056524513	-0.027821022	0.059045937	0.003746444	0.027461158
YGL02.1944.C3	11.34230227	-0.736580935	-0.193767916	-0.623172517	0.067583343	0.22185024	0.613611952	3.62E-05	0.001051235
YGL02_GNYA1SO04I8W7D	6.889225064	-0.736692068	-1.216271274	-1.573216941	0.451864327	0.078861818	0.748227532	0.002839268	0.022554229
YGL02_GNYA1SO04IE9A7	6.972563593	-0.736879809	0.561515437	0.259916786	0.119290574	0.040346219	0.318188024	0.005529389	0.036455174
YGL02_GNYA1SO04JWZSH	12.55821779	-0.737045457	0.203255281	-0.275833918	0.110702043	0.285491386	0.257327539	0.000237585	0.003872778
YGL02_GNYA1SO04I9C9J	8.995635903	-0.737207333	-0.27703064	-0.736056714	-0.10940604	0.321716087	0.675925708	1.75E-05	0.000628319
YGL02.4278.C1	7.609765603	-0.73742971	-0.130684154	0.156131385	-0.016537682	0.430967367	0.505163317	7.84E-05	0.001789663
YGL02_GNYA1SO04H6OVD	7.877438209	-0.737454917	-0.188831166	-0.559644427	0.668165375	0.333952863	0.158689755	0.00360304	0.026717007
YGL02.3838.C1	6.777737966	-0.737618227	-0.516017708	0.102828427	-0.331401769	-0.054492793	0.118344338	0.006175635	0.039440474
YGL02_GNYA1SO04JYWT5	10.29833563	-0.737659272	-0.096051061	-0.343679595	0.057155962	0.105547945	0.646640742	0.000989242	0.010633738
YGL02.3297.C1	8.65923619	-0.737665773	-0.25041321	-0.466967227	0.088284291	0.039533795	0.456479747	4.65E-05	0.001241384
YGL02.3163.C1	6.141417099	-0.737667085	-0.063109414	-0.469375903	0.226657977	-0.215835748	0.43615816	0.003264576	0.024901656
YGL02_GNYA1SO04I397A	7.542634377	-0.737787765	-0.247108795	-0.444367716	-0.005189999	0.300036671	0.365405115	8.14E-05	0.001835142
YGL02.2428.C1	7.401818754	-0.738074319	-0.658863899	-0.683407579	0.568753338	0.048678432	0.341700482	0.000623187	0.007645206
YGL02_GNYA1SO04H9IR0	7.563302371	-0.738234073	0.580900011	0.240559051	0.2832775	0.326589588	0.748870878	0.000147749	0.002780978
YGL02_GNYA1SO04I9GBN	6.568828355	-0.738250079	-0.899623433	-0.662255028	-0.004414494	0.33761242	0.964960497	0.005350403	0.035606432
YGL02_GNYA1SO04JUEHQ	7.649361624	-0.738364118	-0.216342206	-0.19412381	-0.126394373	0.57143218	0.763013294	0.000287391	0.004437227
YGL02.381.C1	11.83993541	-0.738375173	-0.162014109	-0.567836663	0.440422363	0.261139036	0.63616903	0.00099162	0.010648835
YGL02_GNYA1SO04I902Y	8.042088037	-0.73839833	0.081647765	-0.149512721	0.003536506	0.026743668	0.04523556	0.002369444	0.019804935
YGL02_GNYA1SO04JBJLM	13.22348606	-0.738888589	-0.108614854	-0.776188632	-0.056070879	0.096758398	0.637768584	2.50E-06	0.000178524
YGL02_GNYA1SO04IGVZC	7.474732109	-0.738956953	-0.006360871	-1.136464896	-0.276373024	0.162888101	0.839569092	0.005277279	0.035253864
YGL02_GNYA1SO04IEHNZ	9.274011882	-0.738994212	-0.051392532	-0.186968949	-0.394569976	0.090674836	0.121412044	0.000491025	0.006441767
YGL02_GNYA1SO04JG6MX	7.598126552	-0.739023104	-0.097541202	-0.178882617	0.441869055	0.284661234	0.423683672	0.001126359	0.011658623
YGL02_GNYA1SO04JHIF1	9.422660497	-0.739186705	-0.239808081	-0.37403761	-0.011286538	0.202759225	0.487840706	0.000193552	0.003351771
YGL02.5593.C2	9.861935777	-0.739663716	-0.227084973	-0.993251789	0.04007098	0.080580727	0.920132217	0.008210962	0.048389082
YGL02.15489.C1	6.494282587	-0.739676403	0.074898149	-0.082722981	-0.184333836	0.032166721	0.611626175	0.000177033	0.003144342
YGL02_GNYA1SO04JPF4J	8.264561951	-0.739894738	-0.590602607	-0.81513569	0.249496344	0.21647799	0.859549169	7.68E-05	0.001758829
YGL02.6524.C6	7.266335614	-0.740104099	-0.184751295	-0.487336534	0.320772862	0.207875095	0.698929535	0.000129367	0.002532545
YGL02.182.C5	10.38024861	-0.740206716	-0.27637563	-0.662967653	-0.096835724	-0.152139274	0.308191435	5.93E-05	0.001464157
YGL02_GNYA1SO04IPUUM	7.366727282	-0.740247593	-0.774600374	-1.357295304	-0.114028478	0.001089968	0.487533006	0.000316345	0.004753974
YGL02_GNYA1SO04IRX4P	7.694865763	-0.740393534	-0.03738749	0.094065076	-0.027945397	0.419190103	0.295623129	0.002024389	0.017700956
YGL02_GNYA1SO04JIQKV	8.961746818	-0.740515382	-0.017226897	-0.133827062	0.060276076	0.355925096	0.48632819	4.68E-06	0.000265789
YGL02_GNYA1SO04JSMTO	6.262421213	-0.740588253	-0.499611906	-0.939093057	0.410894428	0.444298809	1.213781552	0.007191432	0.044004853
YGL02_GNYA1SO04H4OBG	8.390237549	-0.740697806	-0.02077841	-0.140093818	-0.015605364	0.317663184	0.801487207	1.71E-05	0.000620502
YGL02.14188.C1	9.453261798	-0.740855119	-0.136852682	-0.486805815	-0.178842876	0.0353157	0.264262181	2.26E-05	0.000753984
YGL02_GNYA1SO04JLFWS	10.67631919	-0.741064304	0.013414194	-0.431068999	0.131767675	0.355305499	0.253906961	4.66E-05	0.001242741
YGL02.14484.C1	10.3246392	-0.741118787	-0.107465254	-0.302237945	-0.129447749	0.301732511	0.718074846	0.001122702	0.011629968
YGL02.15846.C1	9.077193328	-0.741151319	-0.32760958	-0.39885369	-0.111207829	0.179498252	0.443744914	7.22E-06	0.000351332
YGL02.16043.C1	6.85477068	-0.74115938	-0.454854435	-0.780110191	-0.780063076	0.10239698	0.75029508	0.005520896	0.036409855
YGL02.16428.C1	7.503289711	-0.741393957	0.002001916	-0.498796347	-0.204046055	0.252067543	0.850999603	0.001217397	0.012317387
YGL02.23700.C1	8.461514758	-0.741443223	-0.213003756	-0.4331191	0.818644868	0.240919381	0.129422378	0.000368241	0.005276802
YGL02_GNYA1SO04I9FPH	7.056508349	-0.741640031	0.502610855	0.034260805	-0.215538946	-0.116097129	0.268247969	0.000361639	0.005209281
YGL02_GNYA1SO04JSY9A	7.084528646	-0.74173285	-1.261732723	-1.010344898	0.425514503	0.940154949	0.923774161	0.006905968	0.042677991
YGL02_GNYA1SO04I1XWY	7.241165128	-0.741803327	-0.812706599	-0.230889579	-0.07963872	0.54455796	0.767620867	0.000885573	0.00983279
YGL02_GNYA1SO04JC9CD	8.198350178	-0.742111641	-0.349311626	-0.406557651	0.079279405	0.474261536	0.597874997	0.003603924	0.026718976
YGL02_GNYA1SO04JPUT6	6.276457668	-0.742160111	-0.4782623	0.032809634	0.895465817	0.305948791	-0.20235207	0.004130949	0.029488392
YGL02.1984.C1	10.2469811	-0.742182264	0.03325925	-0.39262742	0.081000814	0.316138479	0.465498221	5.84E-06	0.000306957
YGL02.20127.C1	9.63626965	-0.742391454	-0.505558208	-0.295457582	-0.323280081	0.305214327	0.482694191	0.000580081	0.007262669
YGL02.20084.C1	7.079258185	-0.742457689	-0.377057177	-0.29485025	-0.05963517	0.336931863	0.548249029	5.39E-05	0.001370827
YGL02.521.C3	7.25297128	-0.742459138	0.023090748	-0.564786588	0.089774601	-0.00516764	0.547483375	8.33E-05	0.001868107
YGL02.20155.C1	9.550591222	-0.742488576	-1.020950647	-0.721569134	0.020753709	0.036383639	0.787435682	0.003250872	0.024821983

YGL02.1712.C1	10.27842034	-0.742599594	-0.185256193	-0.25326814	-0.117273718	-0.005354261	0.210995829	1.09E-05	0.000459251
YGL02.14173.C1	7.706746987	-0.742800114	-0.428673717	-0.922892141	0.230470764	0.178014014	0.522163235	0.000201585	0.003450278
YGL02_GNYA1SO04IMD09	7.26130238	-0.7428898	0.039124219	-0.329600234	0.151390236	-0.181991007	0.241896133	0.000415989	0.005746711
YGL02.8714.C1	6.786486143	-0.742974218	-0.277577146	-0.625748697	0.277590796	-0.140663005	0.357709834	0.000243475	0.003939767
YGL02_GNYA1SO04I5XTK	7.147173923	-0.743002979	-0.703594953	-0.829079889	-0.356693655	0.195520529	0.568785951	0.007755477	0.046485414
YGL02_GNYA1SO04IGOIM	8.425522507	-0.743300662	-0.258392538	-0.476857781	-0.432597652	0.443171283	0.7016175	0.000921309	0.010121095
YGL02.7400.C1	9.777482684	-0.743507336	-0.307622446	-0.689988522	-0.076811835	0.095667455	0.255916633	0.000612413	0.007543633
YGL02.1729.C3	8.75394459	-0.743711122	-0.193911447	-0.220369708	0.049081054	0.047741871	0.183645426	0.000178303	0.003158226
YGL02_GNYA1SO04JGMM5	9.490940269	-0.743762511	-0.06432387	-0.298966131	-0.061330891	0.435469239	0.885381652	9.31E-05	0.002023743
YGL02.18973.C2	8.354285029	-0.743853237	-0.192715421	-0.332861714	-0.129206642	0.244048626	0.401451223	8.49E-05	0.001890429
YGL02.18000.C1	6.236077664	-0.743993652	0.292679993	0.879364348	-0.184873557	0.232128637	0.060904307	0.007841339	0.04684835
YGL02.5332.C1	9.784035528	-0.744008739	0.184965648	0.098109361	0.148493109	0.10902188	0.598498811	2.14E-05	0.000725687
YGL02.3585.C1	9.33576548	-0.744056718	-0.081061749	-0.377543742	-0.311146182	0.107213594	0.420131265	4.90E-05	0.001285877
YGL02.7700.C1	11.22028144	-0.744083078	-0.035552354	-0.423211398	-0.155413144	0.108454131	0.552006091	0.000405191	0.005643872
YGL02.4473.C1	7.859415468	-0.744084153	-0.52430846	-0.684637894	0.220887426	0.285562282	0.404503195	1.85E-05	0.000655997
YGL02_GNYA1SO04JCBD1	9.476384993	-0.744120079	-0.052227645	-0.317030866	0.530095468	-0.017134202	0.017058433	0.007516858	0.045459149
YGL02.19176.C1	9.793420904	-0.744168694	-0.183976572	-0.664724012	0.327917516	-0.145262788	0.703199178	7.06E-06	0.000346885
YGL02_GNYA1SO04I8A9D	6.56911267	-0.744307454	0.37686492	0.036139699	1.014475853	-0.399441999	-0.128675469	0.006582112	0.041268964
YGL02_GNYA1SO04H7U6J	9.355511372	-0.744433603	0.174083694	-0.326350697	-0.651555749	0.037378354	0.328457788	0.004324482	0.030463283
YGL02_GNYA1SO04H75DS	9.654342134	-0.744581475	-0.03040722	-0.59036893	-0.038072557	0.554411464	0.747911821	0.000788404	0.009060754
YGL02.6306.C1	7.222460164	-0.744667393	-0.125999687	0.370433313	-0.172438725	0.242808831	0.512492902	7.01E-05	0.001649231
YGL02.4362.C2	7.156526644	-0.744764137	-0.41569057	-1.53117334	-0.106361934	-0.167458265	0.072785321	0.003078571	0.02387521
YGL02_GNYA1SO04IR4EN	7.738684204	-0.745039999	-0.509414109	-0.833221902	-0.386863062	0.289102298	0.764701628	0.004304553	0.030361122
YGL02_GNYA1SO04IVL9N	7.498071783	-0.745087417	0.077402131	-0.033014371	0.359225248	0.092512311	-0.090282705	0.008146845	0.048127302
YGL02_GNYA1SO04IZH2Q	9.47071445	-0.74538401	-0.028829359	-0.163130007	0.930551881	0.076146648	-0.155160836	0.000914232	0.010064702
YGL02_GNYA1SO04I5YSP	14.07558836	-0.745447193	0.295210585	0.074460942	0.083347514	0.213626098	0.622082264	3.16E-05	0.000955405
YGL02_GNYA1SO04H53S8	7.022863167	-0.745555854	-0.127265685	-0.570562237	0.192584636	0.042733913	0.109516123	0.000770845	0.008917527
YGL02.18953.C1	6.470534526	-0.745855026	-0.572435606	-0.527125555	0.246434683	0.60323844	0.205332098	0.008357406	0.048984505
YGL02.5224.C1	9.82263031	-0.746151188	-0.202640162	-0.877145716	0.109185035	-0.082841007	0.124747674	1.71E-05	0.000620502
YGL02_GNYA1SO04JEOQ9	8.77447171	-0.74638351	0.159375848	-0.129749386	0.836217539	-0.176376176	-0.14816195	0.006491338	0.040856091
YGL02.13943.C1	8.333833925	-0.746513046	0.222951287	-0.14791104	-0.222733917	0.102192837	0.715626372	0.001082872	0.011325944
YGL02.553.C1	7.325583929	-0.74654961	0.016917599	-0.021083259	0.166570393	0.038693437	0.451187289	0.001355066	0.013286387
YGL02.3705.C8	7.650070567	-0.746633144	-0.267276973	-0.202583252	0.139381774	0.158566914	0.173921816	5.46E-05	0.001384629
YGL02_GNYA1SO04IO9PG	6.269191813	-0.746673956	-0.249143181	-0.270562646	0.535417889	0.239278277	0.672152261	0.007556555	0.045624642
YGL02.19059.C1	7.393050594	-0.746721718	-0.024532561	-0.045935189	-0.343300292	0.401990371	0.504935071	0.001072051	0.01124753
YGL02_GNYA1SO04JCAVN	10.25417049	-0.746731373	-0.134746463	-0.825890086	0.09678048	-0.166109269	0.162656296	0.000593206	0.007377913
YGL02.21037.C1	7.524206068	-0.747165256	0.015333134	-0.284284079	0.04426355	0.093662523	0.697055801	0.00065442	0.007920927
YGL02_GNYA1SO04I7JSN	10.20196546	-0.747248789	-0.162437804	-0.162386613	-0.064785118	0.116922457	0.025347667	1.89E-05	0.000666797
YGL02.16484.C1	6.331006004	-0.747444547	0.232538768	-0.845425476	-0.350240711	0.530827448	1.127825503	0.004617101	0.031956412
YGL02.18157.C1	6.356553992	-0.747501093	0.796103724	0.150427492	-0.990546333	0.054867073	0.220451272	0.005244725	0.035108833
YGL02_GNYA1SO04JIYBA	8.554982198	-0.74767494	-0.044781078	-0.469808999	0.069116888	0.043224149	0.386225989	0.000389697	0.005493073
YGL02.15733.C1	6.161051288	-0.747813412	0.17881166	0.078286979	-0.149119904	0.126383039	0.219205644	0.00189837	0.01690981
YGL02.14198.C1	8.020912569	-0.747841319	-0.539734535	-0.744201358	0.020233575	0.388246683	0.356618294	0.000253462	0.00405319
YGL02_GNYA1SO04I4HLJ	13.24779405	-0.747897669	-0.148104545	-0.323919683	0.768866359	0.001631622	0.006128014	0.000120486	0.002414535
YGL02.367.C3	9.766732008	-0.748117977	-0.011219407	-0.294609796	0.97561733	0.061382971	0.015011721	0.000743838	0.008692845
YGL02.11751.C1	8.452820407	-0.748209334	-0.278053477	-0.218491723	-0.086891356	0.238836641	0.386929564	0.000149654	0.002805206
YGL02_GNYA1SO04JDOK0	11.127123	-0.74866893	-0.088519745	-0.7370821	-0.221092442	0.157493408	0.422281432	0.000404637	0.005638002
YGL02.22617.C1	6.343139477	-0.748759362	-0.091727579	-0.57317906	0.779413875	0.266705568	0.169890367	0.006213702	0.039613098
YGL02.1283.C1	10.00110347	-0.748884989	-0.153057213	-0.28802306	0.191265893	0.106535815	0.387032739	2.12E-05	0.000722855
YGL02.311.C2	10.01829148	-0.748903107	-0.076014479	-0.172599374	-0.436257277	0.232097807	0.217310772	1.44E-06	0.000126845
YGL02.23496.C1	3.901165682	-0.749141109	-0.602592054	-0.651621875	-0.308916446	0.595384905	0.756053017	0.002483046	0.020482098
YGL02.660.C1	10.47696593	-0.749362398	-0.057646604	-0.235844875	0.018233117	0.065717442	0.685819756	6.35E-06	0.00032379
YGL02_GNYA1SO04H5PH2	8.120678517	-0.749589392	-0.219632685	-0.462492253	0.451460593	0.125599151	0.180014986	0.001644248	0.015274499
YGL02.16179.C1	3.540698363	-0.749603116	-0.643136185	-0.70197389	0.101088083	0.783845428	1.056366078	0.002579712	0.021033
YGL02_GNYA1SO04H6UD5	7.698374148	-0.749680449	-0.072461401	-0.517574614	0.534684807	0.162143529	0.722554034	1.14E-05	0.000470197
YGL02.14490.C1	7.253229539	-0.749795078	-0.209868359	-0.843576965	-0.250028883	0.231556548	0.313258768	0.005407	0.035868793
YGL02.1281.C1	12.68633312	-0.749841074	-0.122127748	-0.541119049	-0.00104478	0.168550325	0.706085611	0.001155603	0.011869293
YGL02.14832.C1	7.320227423	-0.749999496	0.003804349	-0.337171922	0.353257057	-0.310814008	0.092016101	0.001266934	0.01266326
YGL02.13597.C1	9.601226725	-0.750149545	-0.439645553	-0.825916235	-0.328656987	0.029565754	0.244593703	0.000139257	0.002667281
YGL02_GNYA1SO04JSUPO	7.163958514	-0.750430932	-0.639128007	-0.271877424	-0.019893967	0.286069786	0.518237759	1.84E-06	0.000148858
YGL02_GNYA1SO04INURB	8.907014536	-0.750477924	-0.229159474	-0.233650584	-0.487028135	0.625859879	0.390134462	0.00082218	0.009335428
YGL02.3398.C1	8.032384978	-0.750578446	0.06729856	-0.028937271	-0.084942325	0.017423166	0.558578377	0.000676707	0.008114079
YGL02.8373.C1	4.62756817	-0.750679807	-0.202651132	0.164313928	-0.441956529	1.051256925	1.247069056	0.007335339	0.044641863
YGL02_GNYA1SO04IYYSO	8.209185338	-0.750736598	0.011454737	-0.020786145	-0.091714373	0.208452736	0.620324606	0.001918632	0.017050415
YGL02_GNYA1SO04IT9VP	6.126274666	-0.750742204	-0.338128551	-1.181579165	0.546881201	0.270918364	1.450399198	0.003381148	0.025519149
YGL02_GNYA1SO04JBZAB	10.62029582	-0.750762554	-0.091403289	0.123550119	0.010610958	0.336601621	0.19235065	8.28E-05	0.001860529
YGL02.16064.C1	3.675900384	-0.750787904	-0.70879076	-0.480594607	-0.128446939	0.773727149	0.627156242	0.007788917	0.046640512
YGL02.18215.C1	9.164239334	-0.75080279	-0.213012303	-0.605084292	-0.190537323	0.157985176	0.340550102	2.19E-06	0.000164975
YGL02.14752.C1	5.886859469	-0.750817016	-0.108734025	-0.496226402	0.835339428	0.204422904	0.167944921	0.001620313	0.015116399
YGL02_GNYA1SO04IJ9QJ	12.77264545	-0.750925993	-0.204432055	-0.10273408	0.003982829	-0.129335634	0.229415109	0.000255022	0.004070116
YGL02_GNYA1SO04I80WH	12.61272274	-0.751035728	-0.158310131	-0.71508281	-0.200062593	0.203179111	0.543483096	6.10E-06	0.000315456
YGL02.16376.C1	8.004555212	-0.751085184	-0.31763087	-0.391331144	-0.027773033	0.259249489	0.385525353	0.001545538	0.014626117
YGL02.3875.C2	7.803366709	-0.751085472	-0.261591036	-0.546529694	0.288267544	0.134776894	0.464349133	0.000569742	0.007170796
YGL02_GNYA1SO04JCFPK	8.369624932	-0.751111479	0.044544525	-0.28604048	0.779842435	0.111433544	0.035522407	0.004758941	0.032689409
YGL02.17768.C1	8.99846346	-0.751179462	-0.054118063	-0.552540564	0.061282138	0.212891208	0.769098613	2.52E-05	0.000812364
YGL02.16883.C1	6.938458785	-0.751540784	-0.233521995	-0.777923184	-0.460914341	0.241807189	0.690494157	0.003424215	0.025734341
YGL02.545.C1	8.014484374	-0.751794608	0.088593947	-0.176565059	0.185603057	0.128247035	0.52307007	0.000376857	0.005360988
YGL02_GNYA1SO04H5ZDK	6.723345193	-0.752032876	-0.283376553	-0.23477961	0.250563827	0.54424549	0.476291987	0.002178107	0.018637497
YGL02.15210.C1	7.09472449	-0.75205345	0.409360038	0.48000321	-0.034780998	-0.525146348	-0.005954644	0.000313044	0.004720258
YGL02_GNYA1SO04I4SD6	8.287804598	-0.752189418	-0.194153802	0.066344653	0.413712729	0.055994949	0.019613841	0.000301585	0.00459628
YGL02_GNYA1SO04IPUYN	7.539952573	-0.752245912	-0.638652346	-0.646277613	0.296761208	0.005086847	0.134900907	0.001221999	0.012350289
YGL02.13558.C1	9.154869898	-0.752416962	-0.304005307	-0.844392309	-0.126251526	0.160895656	0.63527466	1.84E-05	0.000653742
YGL02_GNYA1SO04JIR0A	11.44871853	-0.752576129	-0.015106829	-0.557102236	-0.277524155	-0.001293001	0.250372175	0.003122312	0.024126298
YGL02_GNYA1SO04JX8C2	10.01745094	-0.75266139	0.083295791	-0.547868721	0.127324325	0.079873228	0.611458298	0.000185233	0.00324723
YGL02.4898.C4	6.25824644	-0.752676533	0.034835226	-0.156234173	-0.241190471	-0.620824917	0.174029191	0.005965987	0.038487001
YGL02_GNYA1SO04I2OWS	8.990193089	-0.752817234	0.181546849	-0.213444405	-0.067556866	0.205258452	0.635650226	0.0017676	0.016086893
YGL02.1910.C6	7.32529473	-0.752891102	-0.283327467	-0.631232627	-0.362551651	0.158668781	0.275198117	0.00073681	0.008634869
YGL02_GNYA1SO04IT2K3	10.06002417	-0.752992552	0.172760231	-0.050930485	0.114676579	-0.03409855	0.21848664	5.40E-05	0.001372367
YGL02_GNYA1SO04IDYIL	7.476105765	-0.753033633	0.111850034	-0.253342083	-0.397067416	0.171484768	0.727999772	0.000536838	0.006869497
YGL02.14450.C1	7.449210809	-0.753303106	-0.254489553	-0.437293659	0.331495548	-0.078760707	0.047785077	0.003505135	0.026185047

YGL02.2763.C1	6.893758157	-0.753380528	-0.11985482	-0.068880389	-0.090362737	0.016858367	-0.019209362	0.001182784	0.012069971
YGL02.1055.C1	11.48829821	-0.753419752	-0.070902462	-0.452614101	-0.07403034	0.238789995	0.855129064	1.28E-05	0.000507727
YGL02_GNYA1SO04JCNZP	7.391499041	-0.753517223	-0.171649687	-0.570702053	-0.166194943	0.255416347	0.80420086	0.0060521	0.038908488
YGL02_GNYA1SO04IHQBO	8.493435909	-0.753692965	-0.316396884	-0.507007902	0.168563715	0.432810704	0.55044727	6.36E-06	0.000323811
YGL02_GNYA1SO04JHQO2	7.177005119	-0.753744155	-0.095369041	-0.172966371	0.386533731	0.145993146	0.074139502	0.005893969	0.038176166
YGL02_GNYA1SO04IT94J	8.301851519	-0.753813073	0.129856392	0.410799661	-0.242086487	0.124571768	0.401282732	0.005240079	0.035084987
YGL02.20534.C1	7.777933381	-0.753941616	0.296880066	-0.02443619	-0.06359611	0.114905414	0.208618615	7.87E-06	0.000372433
YGL02.13532.C1	8.287965605	-0.754093489	-0.158149598	-0.445650094	0.122615655	0.475300668	0.087743513	0.001133804	0.011706929
YGL02.2818.C17	6.737583897	-0.754386142	-0.296268566	-0.519293283	0.272577849	-0.049605738	0.379367529	0.005263646	0.035191839
YGL02_GNYA1SO04H3FJL	11.2704034	-0.754530107	-0.104282558	-0.280714752	0.549028413	-0.014651461	-0.033739409	0.000494417	0.006471181
YGL02_GNYA1SO04JGI5P	7.592404133	-0.754578707	-0.437511581	-0.387871168	0.052782552	-0.380889187	0.543944542	0.001978436	0.017427603
YGL02.9915.C2	8.66566366	-0.75461848	-0.150818844	-0.260236874	-0.025360949	0.273465729	0.503786551	3.21E-05	0.000963924
YGL02.25.C2	6.285559937	-0.754882638	-0.065383326	-0.471341123	-0.267783435	0.229005799	0.577718471	2.37E-05	0.000778668
YGL02_GNYA1SO04IY5FD	6.93109044	-0.754980075	-0.171840777	-0.339843822	-0.781512411	0.197486964	0.729340108	0.006527603	0.041012584
YGL02_GNYA1SO04IU20M	8.533185264	-0.755032789	-0.246771841	-0.045841822	-0.249710768	0.250164381	0.529450628	2.68E-06	0.000186037
YGL02.5546.C1	8.650947407	-0.755315956	-0.143475807	-0.5320947	-0.035074657	0.159633762	0.66078772	1.00E-05	0.000434576
YGL02_GNYA1SO04I964E	10.17288944	-0.75540055	-0.08663087	-0.227193374	0.213920055	0.158277303	0.262349648	0.005375914	0.035717464
YGL02.645.C2	4.139286698	-0.755431148	-1.129454193	-1.267400611	0.105380369	0.857308415	1.085023629	0.002347735	0.019667838
YGL02.9713.C1	10.32408307	-0.755514272	-0.111008155	-0.173689823	-0.15126339	0.006337709	0.093124446	2.08E-05	0.000715206
YGL02.22603.C1	6.487305678	-0.755611043	-0.083631751	-0.241470791	0.3581549	0.179842365	0.230633231	0.004632196	0.032024946
YGL02_GNYA1SO04JBTVK	7.272379859	-0.755838245	-0.399723248	-0.859944684	-0.302788647	0.387481549	0.637779987	7.91E-05	0.001797166
YGL02_GNYA1SO04ICTWT	7.757152236	-0.755947169	-0.380407336	-0.667692372	0.183112573	0.425686068	0.362849134	0.004060144	0.029117782
YGL02_GNYA1SO04IQ2IK	6.030998865	-0.756135647	-0.500132744	-0.785463054	0.21967046	0.522368287	1.013026751	0.007738499	0.046411577
YGL02_GNYA1SO04I6SJU	3.720856444	-0.756489811	-0.395492738	-0.727073579	-0.166987376	0.526732377	0.827277143	0.004614101	0.031940774
YGL02_GNYA1SO04IBLZU	9.948899356	-0.756716431	0.038229385	-0.794886161	-0.15601919	0.2514865	0.459561254	4.91E-05	0.001287077
YGL02.19842.C1	9.065584851	-0.75679871	-0.091646421	-0.213364914	0.629033198	0.172945957	0.343132499	0.000150677	0.002818404
YGL02.16344.C1	7.179508606	-0.756862044	-0.253060723	-0.293421308	0.519749162	-0.101226313	0.126270546	0.003075132	0.02385854
YGL02_GNYA1SO04I0TYD	6.809989539	-0.756918782	0.040837881	-0.106600229	0.189594027	0.068823124	0.624580195	0.000604539	0.007474367
YGL02.5192.C2	7.073139303	-0.757055683	-0.933365772	-0.407079237	0.130541942	0.517887485	0.674809258	0.004488732	0.031298996
YGL02_GNYA1SO04H44M2	7.136721947	-0.757100256	-0.222060281	-0.213957458	0.004871874	0.420752156	0.572719356	2.11E-06	0.000161347
YGL02.11152.C1	7.90625686	-0.757204208	-0.167910309	-0.307270196	0.436341204	0.146661393	0.13889064	3.35E-05	0.000992665
YGL02_GNYA1SO04JYDEQ	7.732961853	-0.757254924	-0.215602726	-0.562024323	-0.101904281	-0.021956093	0.869680935	0.007776739	0.046582668
YGL02.1933.C1	9.14770404	-0.757264679	0.590897186	0.449871882	-0.433697693	0.247573381	0.524895956	1.12E-06	0.000109271
YGL02.3072.C5	9.261894803	-0.757550723	-0.230098601	-0.344367439	0.675335723	0.080905625	0.053486453	0.003347885	0.025341581
YGL02.7887.C2	9.937243205	-0.757660105	-0.202017925	-0.301809048	-0.327561626	0.3961743	0.547856178	5.98E-07	7.23E-05
YGL02.14446.C1	8.08274092	-0.757697419	0.016007123	-0.501346809	-0.079649446	0.246812929	0.530219071	6.06E-05	0.001487122
YGL02.14122.C1	6.084658301	-0.757786334	0.098237752	-0.094498102	0.585736504	0.344298358	0.513636133	0.002965894	0.023225087
YGL02_GNYA1SO04JYRWO	8.696757506	-0.75782646	-0.20416811	-1.081670729	0.104947717	0.067497127	0.267458926	0.001091004	0.011381824
YGL02_GNYA1SO04IB2FQ	7.849328125	-0.758116024	0.6127945	0.218185656	-0.54120624	-0.006003414	0.259484651	6.36E-06	0.000323991
YGL02_GNYA1SO04JMGFG	7.107676436	-0.758174377	0.00307478	-0.247563027	-0.343174458	0.306467442	0.262781606	0.000209309	0.003538514
YGL02_GNYA1SO04ITV36	9.713723785	-0.758392561	-0.145728831	-0.626860408	-0.131227654	-0.040420126	0.644554167	0.000768605	0.008902743
YGL02.15704.C1	7.368857968	-0.758402844	0.467827572	0.791318256	-0.205976689	-0.274080493	-0.343779966	0.001262501	0.012631157
YGL02_GNYA1SO04H7V05	8.235109324	-0.758840383	0.415100751	-0.168309612	0.174197814	0.193413905	0.650035921	0.000527903	0.00678601
YGL02.17841.C1	8.9994972	-0.758899509	-0.127674062	-0.463325998	0.242040606	-0.110034335	0.391772077	0.000251514	0.004030501
YGL02.3378.C1	11.58271488	-0.759113896	-0.118924032	-0.800751903	0.026668746	0.016808051	0.780893427	0.000405232	0.005643872
YGL02.15375.C1	6.405625217	-0.759186683	-0.076934102	-0.316192479	-0.160417289	0.412263183	0.688844134	0.001117744	0.011587474
YGL02.3439.C4	7.409241408	-0.759248597	-0.40007192	-0.614189316	-0.145940071	0.160597502	0.576973799	8.73E-05	0.001930742
YGL02.367.C11	10.41349873	-0.759289076	-0.06454234	-0.347704352	0.814212007	0.030130168	0.006611852	0.002133109	0.018349475
YGL02.12586.C1	7.882592899	-0.759596033	0.240355311	-0.422770453	0.057030299	-0.325694582	0.518874353	0.000138384	0.002654684
YGL02.329.C58	6.057670059	-0.759654051	-0.077674189	0.069717195	0.647503203	0.143482289	0.228017692	0.0049898	0.033846746
YGL02_GNYA1SO04IZ5NI	9.211674118	-0.759690828	-0.240533138	-0.407046425	-0.136954315	0.278503151	0.456287567	0.002708768	0.021818616
YGL02_GNYA1SO04H5NQH	9.853486735	-0.75979974	-0.347085809	-0.315385844	-0.092318375	0.115045901	-0.027492186	8.38E-06	0.000388374
YGL02.20154.C1	8.632131609	-0.759999421	-0.033304951	-0.255457998	0.145182144	0.183163308	0.166070008	0.000361905	0.005211952
YGL02.15148.C1	9.199794247	-0.760082119	-1.239265225	-2.508577988	0.075235951	0.465008906	0.962699242	0.000123784	0.002461323
YGL02_GNYA1SO04JNYY2	11.39555229	-0.760927231	-0.095934745	-0.360916124	-0.108683633	-0.045970305	0.399010042	0.000249347	0.004004704
YGL02_GNYA1SO04JGG7J	7.432135536	-0.761328737	0.099593847	0.112461998	0.03449057	0.325336839	0.624399938	4.72E-05	0.00125495
YGL02.6780.C1	8.242328101	-0.761356042	0.027316466	-0.340128056	-0.067296969	0.054589412	0.507718545	0.002026491	0.017713541
YGL02.9960.C1	9.384355913	-0.761379427	-0.202713183	-0.481042895	0.59979642	0.323084582	0.627242915	0.000363006	0.005224324
YGL02_GNYA1SO04I7GMQ	11.42428369	-0.761509069	-0.17604581	-0.472092307	0.729704663	0.126673591	0.106392188	0.001868736	0.016728104
YGL02.1992.C1	9.02751643	-0.761634605	0.02820394	-0.517493384	0.010481618	-0.084480104	0.458628823	7.39E-07	8.30E-05
YGL02.3328.C1	10.71280326	-0.761676037	0.044705944	-0.92252652	-0.089991033	-0.102721924	0.685871239	7.90E-05	0.001796118
YGL02_GNYA1SO04JL74B	7.039487226	-0.761826687	-0.064363927	-0.24443189	0.109958189	0.358925254	0.538753338	0.000618082	0.00759612
YGL02.13415.C1	9.017041462	-0.761843524	0.071743062	0.171953089	-0.272369691	0.168992946	0.425542662	0.000285437	0.004417241
YGL02_GNYA1SO04I3YJG	8.624659307	-0.761844784	0.016756356	-0.413773258	0.217401999	0.092988524	0.048640606	0.004742032	0.0325968
YGL02.1369.C2	12.37876039	-0.762270006	-0.120731946	-0.400602143	0.035544343	-0.064109689	0.439344502	2.19E-06	0.000164881
YGL02_GNYA1SO04H5MF2	8.55639312	-0.762393344	-0.379374016	-0.810095179	0.145335478	-0.060914862	0.33601311	0.00403808	0.029005562
YGL02_GNYA1SO04IBSCB	7.383828896	-0.762801202	0.074025019	-0.101859261	-0.139206469	0.449948325	0.840390901	0.001035492	0.010985907
YGL02_GNYA1SO04H1IGP	9.711278348	-0.762926966	-0.063531846	-0.098877321	0.121550833	0.264328597	0.627689754	8.95E-05	0.00196596
YGL02.20303.C1	7.464914701	-0.76293406	0.113237752	-0.619161809	0.160381805	-0.122240754	0.566328284	0.001921279	0.017068086
YGL02.10555.C2	4.2549511	-0.763264156	-0.964023056	-0.84601675	-0.151711299	0.473644356	0.421445748	0.003713012	0.027276731
YGL02.15365.C1	5.981867875	-0.763360874	0.046993571	-0.314756454	0.615044981	0.104169594	-0.216762143	0.008411293	0.049207807
YGL02_GNYA1SO04ITCCL	8.414679634	-0.763400964	-0.091560318	-0.688813656	-0.171119046	0.450637566	0.547325871	8.39E-05	0.001876735
YGL02.14276.C1	7.387900926	-0.763571967	-0.326022728	-0.571866903	-0.169515042	0.335132907	0.819877281	0.000808406	0.009227573
YGL02.2225.C2	6.893138151	-0.763681625	0.070897641	-0.220832146	0.039388653	0.17710874	0.292829128	0.0005849	0.007300557
YGL02.3223.C1	8.341623207	-0.763686281	-0.537833304	-0.395321694	0.120156517	0.130228886	0.149540567	0.000269414	0.004239187
YGL02.9218.C2	11.25147458	-0.763707272	0.14430504	-0.377949629	0.236909964	0.172554592	0.221214537	0.00038292	0.00542404
YGL02.20079.C1	6.253662675	-0.763734869	0.015492348	-0.127236386	0.039181029	0.188019394	0.685917727	0.000415638	0.005743335
YGL02_GNYA1SO04H04KZ	8.485973366	-0.763842097	-0.116557078	-0.293571839	0.870008923	0.096631892	0.17296234	0.000464557	0.006202524
YGL02.1499.C2	7.64779117	-0.764323706	-0.95445452	-1.008867302	-0.354425813	0.192934491	0.444882926	0.002483516	0.020482098
YGL02_GNYA1SO04IPUZ0	7.120490655	-0.764381065	-0.376371349	-0.195133772	0.056449815	0.362211389	0.152098815	0.004772467	0.032762314
YGL02_GNYA1SO04IOAMQ	7.845404163	-0.764565283	-0.028017722	-0.601280885	-0.171854522	0.281191588	0.760863942	0.000556263	0.00705325
YGL02.9851.C1	10.79369577	-0.764635565	-0.141156695	-0.369614711	0.248428827	0.044921597	0.350365322	3.32E-06	0.000213367
YGL02.16857.C1	6.195865711	-0.76471825	-0.468164601	-1.027357299	0.018211905	0.723737694	1.11363628	0.003334474	0.025268128
YGL02_GNYA1SO04IEW31	6.340788262	-0.764768798	0.269818669	-0.255556387	-0.382340967	0.451337668	1.015245724	0.003157997	0.024320805
YGL02_GNYA1SO04IDM0G	9.950319153	-0.765235037	-0.11691478	-0.481762359	-0.080139141	0.150312538	0.559745211	3.29E-05	0.000981885
YGL02_GNYA1SO04H1MNE	11.0341241	-0.765400793	-0.364851802	-0.52165207	-0.096788333	0.29893685	0.131258975	0.000317483	0.004762899
YGL02.14147.C1	7.333738916	-0.765443909	0.18183178	-0.199050982	-0.121353837	-0.037403672	0.519798513	0.004328609	0.030484296
YGL02.8676.C1	7.86164868	-0.765538887	-0.174121689	-0.591943408	0.447964994	0.164806823	0.112661758	0.000299658	0.004575529
YGL02_GNYA1SO04ICW8L	11.94730532	-0.765552042	-0.179577677	-0.644558345	0.46170439	0.216576322	0.667736983	0.000869728	0.009712644
YGL02.19160.C1	6.27372727	-0.765558651	0.190448734	-0.270307889	0.739269039	-0.050983159	-0.024404048	0.000963237	0.010445239

YGL02_GNYA1SO04JL75F	8.614048551	-0.765694958	-0.188287538	-0.315632466	0.954353423	-0.039639039	-0.073451824	0.000178502	0.003160466
YGL02.15274.C1	9.67736089	-0.766028636	-0.143152327	-0.887874242	0.127630661	0.110433627	0.649559574	6.39E-05	0.001540574
YGL02.15218.C1	7.31955009	-0.766333807	-0.871972659	-1.695317179	-0.301214346	0.38910622	0.984480512	0.000446547	0.006031164
YGL02.330.C1	8.70386737	-0.766570158	0.011434977	-0.353000866	0.358054252	0.015111241	0.240802006	4.53E-05	0.001222734
YGL02_GNYA1SO04JE49G	8.293841157	-0.766893551	-0.077096172	-0.2342832	0.581507811	-0.099406824	-0.207394139	0.000245836	0.003965456
YGL02.13273.C1	8.038096718	-0.767427555	-0.002562746	0.09654901	0.275058559	0.166674482	0.315210529	4.48E-05	0.001213672
YGL02.4341.C1	7.170752016	-0.767444445	-0.190449133	-0.375543484	-0.246418792	0.305630258	0.50394572	0.00027325	0.004282665
YGL02.6151.C1	9.979165003	-0.767494346	-0.203286949	-0.139994965	-0.114954722	0.167901881	0.253704137	0.003853237	0.028009616
YGL02.479.C4	8.07455433	-0.767562508	0.662309535	0.005994285	-0.256496458	0.203863019	0.789324725	3.68E-05	0.001062339
YGL02_GNYA1SO04IXJGP	8.569311272	-0.767590145	0.14089501	-0.197511945	0.527004365	0.073615038	0.126680883	0.001311241	0.012979884
YGL02_GNYA1SO04IXKV5	9.048924993	-0.767740701	-0.22189558	-0.361507267	0.616240925	-0.10741891	-0.176424529	0.000127409	0.002505183
YGL02.7312.C1	11.23956831	-0.767841336	-0.200448472	-0.17121812	0.010342537	0.249480921	0.566151581	0.000342637	0.005022158
YGL02.16639.C1	6.31735625	-0.767923053	-0.464421814	-0.148424984	-0.190713975	0.838155806	0.482696603	0.00212231	0.01827479
YGL02.22318.C1	6.001338256	-0.768069123	0.049766841	-0.358763633	-0.071319337	0.222102963	0.793716851	0.000870932	0.009719795
YGL02.14728.C1	7.246210299	-0.768097324	0.012745979	-0.251228334	-0.22015273	0.070226251	0.561343759	0.000145421	0.002750064
YGL02.9409.C1	8.089905821	-0.768192524	0.170153266	-0.4569057	0.021489109	0.422454953	0.809838956	0.000497178	0.006492398
YGL02_GNYA1SO04JSZD9	6.729332325	-0.76839009	-0.136572815	-0.17211361	0.253750611	0.345032666	0.621008248	3.97E-05	0.001114356
YGL02.20573.C1	7.816724156	-0.768529235	0.122605764	-0.238895207	0.070679912	-0.136341018	0.230740533	0.000625004	0.007660103
YGL02.9980.C1	9.121833113	-0.768810117	0.07414384	-0.284270494	-0.484580527	0.148484405	0.600148206	0.000781828	0.009003563
YGL02_GNYA1SO04JGIJ0	9.513188698	-0.768913372	-0.123282569	-0.355363636	0.700491079	0.057580429	-0.019736771	0.006115641	0.039180835
YGL02.1323.C1	7.430483415	-0.769062462	0.904687865	0.285636489	-0.020805155	0.476013416	0.72459217	7.55E-05	0.001738546
YGL02.22769.C1	6.438035284	-0.769081053	0.448819113	0.280882568	-0.203669651	-0.052346724	0.086589124	0.000385869	0.005453371
YGL02_GNYA1SO04I1C1A	6.83709339	-0.769638875	-0.11608764	-0.492373169	-0.388297211	0.386740226	0.148290015	0.000626741	0.007674131
YGL02.12576.C2	8.451833764	-0.769936595	-0.071261899	-0.335345807	-0.236656377	0.075009355	0.337266405	1.16E-05	0.000477859
YGL02.2782.C1	9.778494234	-0.77021122	-0.159599376	-0.472081671	0.04851534	0.136444878	0.713573533	1.26E-05	0.000501788
YGL02.8131.C1	8.660074336	-0.770212173	-0.416872684	-0.862034579	0.243245398	-0.040423288	-0.036586958	0.001436749	0.013868211
YGL02.2954.C2	7.402155991	-0.770215887	-0.208478834	-0.428052924	-0.055268236	0.030215769	0.659383448	2.83E-05	0.000884217
YGL02_GNYA1SO04IHSCY	7.252572378	-0.770524383	0.227748243	-0.117371684	-0.148602527	-0.034461156	0.652007069	0.003905694	0.028279788
YGL02_GNYA1SO04JU2YV	6.340038265	-0.770662243	-0.103239511	-0.305698069	0.2360587	0.503926388	0.542375154	0.0001958	0.003379406
YGL02.20549.C1	5.647717929	-0.770871331	0.086580968	-0.373458928	0.465786377	0.350274674	0.851737604	0.002810759	0.022395071
YGL02.7013.C1	6.22206839	-0.770883196	-0.258720562	-0.563276996	0.374803926	0.306897318	0.614486815	0.000305424	0.004639505
YGL02.11937.C1	11.60934538	-0.77102622	-0.094909765	-0.488447894	-0.273373561	0.197590599	0.601578221	2.41E-05	0.000787607
YGL02_GNYA1SO04JN25I	8.220742965	-0.771132901	-0.219883048	1.174288091	0.083405254	-0.15869269	0.154923655	0.005942783	0.038386742
YGL02.7632.C2	9.494982785	-0.771553123	0.137167838	-0.106398959	-0.028462622	0.012082456	0.28113126	6.08E-05	0.001489187
YGL02_GNYA1SO04JZRLK	6.7273927	-0.771680968	-0.061361347	-0.363556531	0.130711454	0.102225896	0.877801205	0.001821937	0.016437606
YGL02.3607.C1	6.914287157	-0.771750937	0.110367165	-0.167996189	0.953945662	-0.015362253	0.107572572	0.000733418	0.008608361
YGL02.102.C1	6.998096913	-0.771822231	0.08365829	-0.504904508	0.081970268	0.028161621	0.820874544	0.000172442	0.00309309
YGL02.3154.C1	7.317030999	-0.771948819	-0.223754557	-0.548621607	-0.334160314	0.264575285	0.597825613	3.62E-05	0.001051205
YGL02.20262.C1	9.2131576	-0.77215317	-0.106546659	-0.101292811	-0.091262471	0.294680313	0.396899242	0.000621953	0.00763572
YGL02_GNYA1SO04IF9B2	7.296866228	-0.772177058	0.157220693	-0.23935647	0.884175052	0.170345141	-0.254558114	0.001993882	0.017519194
YGL02_GNYA1SO04JJQP1	9.890739339	-0.772218631	-0.401344745	-0.250338344	0.404516037	0.154352693	0.767870598	4.28E-05	0.001173784
YGL02.4843.C1	8.687793007	-0.772396277	0.107174225	-0.152325174	0.299210416	-0.109411401	0.359899601	0.002314288	0.019460729
YGL02.13558.C2	6.975599372	-0.772581802	-0.154219051	-0.686533257	-0.160810275	0.406692854	0.83731741	0.000957952	0.010406236
YGL02.1258.C1	5.219842992	-0.772738775	0.110493759	-0.211176318	0.174139559	0.230459502	-0.012456881	0.006519109	0.040983079
YGL02.17824.C1	6.216447095	-0.772898776	-0.392187929	-0.562752438	0.32902307	0.25137848	0.13352428	0.005427787	0.035969838
YGL02_GNYA1SO04INKM3	10.84875765	-0.77329362	-0.202476586	-0.372958565	0.184952564	0.169144511	0.40423095	8.83E-05	0.001946411
YGL02_GNYA1SO04H8198	9.54712887	-0.77331844	0.6625795	0.530302362	-0.249202755	0.066158442	0.247901943	0.00329995	0.025085782
YGL02.8860.C1	7.93418925	-0.77349249	-0.223019525	-0.011490116	0.004730733	0.247782373	0.360240685	0.00170607	0.015687879
YGL02_GNYA1SO04H0L1L	4.993262035	-0.77350172	0.836468303	0.068528199	0.180353515	-0.136680521	0.665787042	0.007397358	0.04491896
YGL02.7687.C1	6.025375026	-0.773562573	-0.505854163	-0.885511481	0.141486483	-0.062663897	0.773209727	0.008382907	0.049082974
YGL02.9534.C1	10.60608603	-0.773816211	-0.64306335	-1.011903454	-0.218836222	0.24432427	0.928104452	2.72E-05	0.000855991
YGL02.9653.C1	11.91712281	-0.774000702	-0.01586294	-0.25828655	-0.276606721	0.191038504	0.355578033	0.000118299	0.002378423
YGL02.4616.C1	9.007471709	-0.774347014	-0.224178604	-0.376835476	0.145516775	0.148518824	0.336302066	4.29E-06	0.00025122
YGL02_GNYA1SO04H1YD2	9.831711122	-0.774453359	-0.172588202	-0.248938526	-0.099640829	0.313868283	0.587769247	8.56E-06	0.000393194
YGL02.565.C2	7.880694965	-0.774903685	-0.246785616	-0.443362168	0.286222232	0.523734028	0.81422975	0.000808565	0.00922857
YGL02.18400.C1	7.52630581	-0.774937313	0.074031482	-0.538345525	0.320992328	-0.140943146	0.207415726	0.007713161	0.046298209
YGL02.6921.C1	8.316240624	-0.775153662	-0.153080508	-0.438173402	-0.194824964	-0.095957288	0.498640759	4.12E-05	0.001144873
YGL02_GNYA1SO04INO0C	8.338091466	-0.775295648	-0.040262703	-0.295130311	-0.07518191	0.002905017	0.6948461	1.16E-05	0.000476744
YGL02_GNYA1SO04IBHBH	7.957326557	-0.775311992	-0.266573545	-0.221805128	-0.518678635	-0.167597661	0.190388243	0.002156603	0.018504253
YGL02_GNYA1SO04IHBT9	9.750835557	-0.775435283	0.022527846	-0.001254417	-0.285673036	0.185906753	0.394818767	4.35E-06	0.000253451
YGL02_GNYA1SO04IIAAS	6.727545027	-0.775449893	-0.226410421	-0.634440737	-0.31491961	0.335871604	0.9895369	0.000796979	0.009126576
YGL02_GNYA1SO04JKF79	8.787685457	-0.775450705	0.236628077	-0.375540825	0.347544626	0.201945029	0.244312931	9.64E-05	0.0020722
YGL02.4974.C1	8.469762901	-0.775521069	-0.205482612	-0.686980409	0.074358209	0.372281512	0.562321961	4.75E-05	0.001258759
YGL02.7322.C1	7.882962807	-0.775735454	0.346548711	-0.27659824	-0.122936882	0.15110224	0.448441718	2.90E-06	0.00019592
YGL02.5652.C2	10.91713039	-0.77584943	-0.144087113	-0.365184563	0.368698206	0.002969324	-0.056101875	0.001844088	0.016577947
YGL02.9101.C1	3.687198962	-0.77589423	-0.622756345	-0.601970479	-0.001124113	0.710266448	0.748744609	0.007262341	0.044317297
YGL02.7689.C1	10.92615206	-0.776239971	0.057043675	-0.6512863	0.407556086	0.511253057	0.506540271	0.004628532	0.032008157
YGL02_GNYA1SO04JG8N9	10.03757539	-0.776243322	0.008936483	-0.290358162	0.790484863	0.070500706	0.067171244	0.000419488	0.005777069
YGL02.8882.C2	6.75677151	-0.77659594	-0.028476615	-0.787052083	0.105630237	0.162810885	0.368453445	0.002966922	0.023227731
YGL02_GNYA1SO04IBF8K	7.68604266	-0.776815024	0.167677826	-0.098076719	-0.131806486	0.03732558	0.120745873	0.006651067	0.041582519
YGL02_GNYA1SO04IFIY7	8.228127359	-0.776949263	-0.015993967	-0.262322552	0.097000878	0.14386712	0.40743001	0.000225842	0.003737063
YGL02_GNYA1SO04JVV1K	8.370277987	-0.777387646	-0.551720906	-0.545540956	-0.006342161	0.371599986	0.179910393	0.000109943	0.002268184
YGL02.17284.C1	9.09540007	-0.777421998	0.102206831	-0.023360338	-0.473355061	0.165752924	0.530993189	4.00E-06	0.000241195
YGL02_GNYA1SO04I7CC1	8.23949578	-0.77747658	-0.659995592	-0.666538253	-0.14550796	0.252139009	0.711051837	9.63E-05	0.002071986
YGL02_GNYA1SO04H850O	7.961328072	-0.777516189	-0.255726777	-0.249288548	0.219487736	0.073546885	-0.253478882	0.001416269	0.013719611
YGL02_GNYA1SO04JIWIK	7.441187431	-0.777583411	-0.024654429	-0.00340412	-0.437635526	0.439117779	0.227834515	9.74E-05	0.002083884
YGL02.8752.C1	4.020954771	-0.777792249	-0.027073787	-0.689774074	0.157179476	-0.047708232	0.749815717	0.007067471	0.043451646
YGL02.9692.C1	10.15297462	-0.777809027	-0.231860133	-0.601562318	-0.07176445	0.131937174	0.404102647	5.64E-07	6.97E-05
YGL02_GNYA1SO04IVWB3	7.860776573	-0.777994116	-0.417945345	-1.557447162	-0.136805378	0.075124544	0.011391379	0.003261136	0.024882749
YGL02.19261.C1	7.189248505	-0.777997513	0.048060358	-0.254943157	0.230786357	0.129459176	0.245471476	0.005418857	0.035927207
YGL02_GNYA1SO04I1F9E	9.799737956	-0.778049081	-0.092975001	-0.640583279	-0.576735587	0.141649801	0.584558927	6.70E-05	0.001594688
YGL02_GNYA1SO04I312P	7.335044293	-0.778077879	-0.100697109	-0.334379555	0.308512459	0.071055025	0.13076246	0.000371571	0.005312174
YGL02.20048.C1	7.136394536	-0.778100397	-0.018965232	-0.300794281	0.91682787	0.016169446	0.056107056	0.000373889	0.005336632
YGL02_GNYA1SO04JL65U	6.677995646	-0.778964912	-0.211884539	-0.289445912	-0.421101786	0.442197506	0.616848619	0.000662903	0.00799297
YGL02_GNYA1SO04H9480	9.375083427	-0.7789983	-0.161776652	-0.356953198	0.387642163	0.096645034	0.092987783	0.000236395	0.003860364
YGL02.6749.C1	10.56915601	-0.779005498	-0.145359293	-0.155152607	-0.19644972	0.17526255	0.361012617	9.21E-06	0.000411572
YGL02_GNYA1SO04I5YXX	8.536858043	-0.779193401	-0.244855599	-0.35361076	-0.039879631	-0.004475889	0.324884648	0.000109137	0.002256224
YGL02_GNYA1SO04IUOXE	8.823381458	-0.779333597	0.28306119	0.043657675	0.023359935	0.261538141	0.588493295	0.003322288	0.025199691
YGL02_GNYA1SO04I7JFC	7.500731976	-0.779560709	0.259253328	-0.782490239	-0.207250464	-0.185869352	0.416598227	0.000818876	0.009310974
YGL02_GNYA1SO04IXEV3	6.245135763	-0.779616813	0.239252213	-0.116491176	-0.055484555	0.621182922	0.976840888	0.000877571	0.009772425

YGL02_GNYA1SO04I922C	9.680306012	-0.779817986	-0.157575768	-0.310511665	-0.121557515	0.013435845	0.232145198	0.000286464	0.004428894
YGL02_GNYA1SO04JGY89	7.71174087	-0.780059834	-0.207128701	-0.026758086	-0.493816691	0.28855412	0.301886422	1.79E-05	0.000640678
YGL02.2666.C3	6.593313689	-0.780171196	-0.266617335	-0.133600656	-0.193906191	0.430406119	0.945161944	0.000170206	0.003063666
YGL02_GNYA1SO04IO9UB	7.234493105	-0.780187914	-0.475349611	-0.240238902	-0.173432837	-0.004130849	0.699693574	0.006001948	0.03867246
YGL02_GNYA1SO04H49TZ	9.32397174	-0.780322718	0.385492652	-0.132867028	-0.270768767	0.249797435	0.50971965	0.000127133	0.002501288
YGL02.10353.C1	8.424202281	-0.780404029	0.015603571	-0.494385709	0.047020757	0.06155425	0.361499967	8.93E-06	0.000403734
YGL02.329.C66	8.76017231	-0.780512583	-0.027571125	-0.330608261	0.267814444	0.053878827	0.074124762	0.006107107	0.039140823
YGL02.2677.C1	10.09878032	-0.780564322	0.039935056	-1.02789048	0.462785467	-0.02114216	0.07747238	0.000617704	0.007592911
YGL02_GNYA1SO04IRBSF	6.611752884	-0.780744137	-0.016184328	-0.429009428	0.454213329	0.014512066	-0.006189497	0.004062523	0.029124276
YGL02.1066.C4	9.257834054	-0.780766649	-0.008417079	-0.125551472	0.101833766	0.253499516	0.481596506	3.38E-05	0.000999282
YGL02.5928.C2	6.848580554	-0.780908925	-0.372165028	-0.609141027	0.026750677	0.072051208	0.606706262	0.001058334	0.011154225
YGL02.6408.C1	6.564599752	-0.780943422	0.006410686	-0.555186188	0.15912975	0.012716256	0.402671533	0.001801749	0.016307143
YGL02_GNYA1SO04IY9V3	7.529368103	-0.780997886	0.038923225	-0.395898044	-0.125485352	0.278015999	0.615001518	0.000253625	0.004055295
YGL02.12416.C1	7.864462689	-0.781359726	-0.135383609	-0.466353738	0.142695935	0.371686706	0.632599186	0.000516941	0.006682481
YGL02_GNYA1SO04ISS7W	9.173728202	-0.781484636	-0.631657657	-0.494422989	0.090397831	0.444963437	0.901807987	0.000243589	0.003940661
YGL02.8618.C2	8.073650129	-0.781576748	0.418447244	-0.55794713	-0.232678208	0.029177991	0.531791509	0.001585168	0.014885846
YGL02_GNYA1SO04JWZQR	8.12565072	-0.781588545	-0.082721702	-0.44172818	-0.139783685	0.162305447	0.609477459	7.87E-05	0.001793575
YGL02_GNYA1SO04JQUSH	8.306590073	-0.78226536	-0.2901879	-0.357953867	0.156417885	0.223868157	0.485260168	0.000139686	0.002673124
YGL02_GNYA1SO04JESZQ	7.054335879	-0.78229018	-0.103426306	-0.441346421	-0.25988439	0.089212278	0.55801021	0.000980939	0.010571695
YGL02_GNYA1SO04IVF92	8.165122149	-0.782353419	-0.057237887	-0.386400546	-0.007358416	0.283061684	0.696324531	0.003644221	0.026919097
YGL02.19239.C1	5.979902864	-0.78235472	0.235937181	-0.474116113	0.551481531	-0.054715822	0.171446314	0.001188513	0.012114903
YGL02_GNYA1SO04IJ92T	9.814328	-0.782457871	0.008304962	-0.332260845	0.07462704	0.021960477	0.529268078	0.000417571	0.00576242
YGL02.5593.C1	7.219659748	-0.782710665	-0.313852743	-0.30837338	-0.079585145	0.120511902	0.696994525	9.17E-05	0.002000126
YGL02.12268.C1	9.267042686	-0.782923658	0.087948772	0.038845355	-0.026539339	0.107802107	0.380068518	0.000501435	0.006532675
YGL02.2546.C1	8.030202463	-0.783041909	-0.983439927	-0.658512732	-0.038376569	0.360445514	0.459579926	8.08E-05	0.00182635
YGL02.10705.C2	12.52724365	-0.783053974	-0.099263067	-0.362170842	-0.278919826	0.310784625	0.56586125	0.002455184	0.020317012
YGL02.17026.C1	6.830644167	-0.7831979	1.028035406	0.288464227	-0.216748402	0.291603184	0.792683906	8.59E-06	0.000393714
YGL02_GNYA1SO04I9SXW	9.954370964	-0.78343704	-0.119952145	-0.13369331	-0.117920589	0.084127363	0.132864613	0.000294047	0.004513316
YGL02.20544.C1	7.585151695	-0.783520034	-0.019565848	-0.105543874	0.884569968	0.206429082	0.414991159	0.000820055	0.009320042
YGL02.1741.C2	11.8257254	-0.783604399	-0.012238308	-0.309222347	-0.20341386	0.021340775	0.519761268	7.13E-06	0.000348578
YGL02.1164.C3	7.432412121	-0.783664276	-0.029386534	-0.438954465	0.126685253	0.241287926	0.742275133	1.00E-05	0.000434576
YGL02.18374.C1	5.337170144	-0.783710633	0.762194191	0.894012991	-0.258059577	-0.066828557	-0.1551539	0.002377678	0.019850694
YGL02.12831.C1	7.657394214	-0.783809411	-0.048155513	-0.449142074	0.079328544	0.249541413	0.600467096	0.000478519	0.006328996
YGL02_GNYA1SO04IPURY	7.797615795	-0.783831003	0.155477581	-0.723710365	0.33005821	-0.232240912	0.766280622	0.000116189	0.002350604
YGL02_GNYA1SO04H63RZ	8.306354737	-0.78383912	0.198440901	-0.306369547	-0.21797032	0.157985948	0.751870199	0.001948837	0.017240753
YGL02_GNYA1SO04IMP76	9.562477281	-0.784124738	-0.324666055	-0.434517562	0.075151204	0.290142137	0.573621116	0.000259056	0.004117236
YGL02_GNYA1SO04JBXGD	9.031055172	-0.784124977	-0.005284378	-0.351187977	0.454740058	0.172693623	0.194959347	0.001834955	0.01651878
YGL02.5840.C1	3.786796308	-0.784175577	-0.773605897	-0.639753034	-0.190590184	0.760186553	0.644399814	0.002820765	0.022455457
YGL02.1251.C1	13.23168877	-0.784275346	0.434329435	0.103203182	0.088661173	0.177137473	0.85685962	1.96E-05	0.000684131
YGL02.14079.C1	10.0537567	-0.784294514	-0.180706148	-0.523752442	-0.044117835	0.064802626	0.5234826	5.41E-06	0.000292598
YGL02.13747.C1	7.272121208	-0.784473843	-0.275304084	0.147549108	-0.50283132	0.242144603	0.28541935	0.004045118	0.029043165
YGL02_GNYA1SO04ILD9F	7.542394937	-0.784503271	0.585585601	0.807858425	0.079456774	0.235498345	0.259977229	0.000147047	0.002771401
YGL02.9684.C1	9.391489276	-0.784540778	0.159815778	-0.425875945	0.219619932	0.161765688	0.526029951	1.29E-06	0.000118653
YGL02.3625.C1	5.764602111	-0.784618988	-0.646216377	-0.984990124	0.725999094	0.941915984	0.344369226	0.00782779	0.046801868
YGL02.7897.C1	8.188279108	-0.784839867	-0.230621702	-0.710346731	-0.105980522	-0.033374013	0.866519802	1.76E-06	0.000144342
YGL02.23244.C1	5.401128259	-0.784858438	0.093113457	-0.393463138	-0.012532419	-0.224030362	0.295589857	0.002803096	0.022350525
YGL02_GNYA1SO04JTUFM	9.451196653	-0.784994935	-0.08549627	-0.099701849	-0.239111345	0.126282599	0.086052617	0.000105072	0.002194606
YGL02_GNYA1SO04JHLBR	6.30916996	-0.785104415	-0.057777906	-0.406005987	0.207363737	0.001691381	0.415329417	0.001650478	0.015308218
YGL02_GNYA1SO04I2U9B	8.671566627	-0.78511469	-0.435318041	-0.645073415	0.152240803	0.211081284	0.230016344	5.92E-05	0.001464157
YGL02.8109.C1	9.107861106	-0.785171381	-0.281691635	-0.788400005	-0.0677598	0.455950303	0.777053858	4.14E-05	0.001148425
YGL02_GNYA1SO04JR0GN	6.589587557	-0.785228624	0.069566422	-0.344240054	0.195611303	0.161593986	0.705977172	0.000683099	0.008173322
YGL02.9841.C1	7.081273887	-0.785446202	-0.056278052	-0.275316376	-0.131423074	0.148738144	0.435309842	5.10E-05	0.001318955
YGL02_GNYA1SO04H9OBX	7.016014869	-0.785490397	0.346937702	-0.180519221	-0.236491558	0.268345817	0.867150445	0.000831821	0.009415188
YGL02.4726.C1	7.36374721	-0.78549698	-0.172767339	-1.085330824	-0.341444057	0.168185721	0.906185334	0.004589143	0.03180711
YGL02.3226.C2	7.417170556	-0.78576407	0.373801791	-0.272984561	0.437385969	-0.141650212	0.231195001	7.82E-06	0.000370608
YGL02_GNYA1SO04JO9PW	8.900053082	-0.786049309	0.128339032	-0.333553538	0.367588423	0.255494342	0.643338973	0.000483405	0.006376687
YGL02_GNYA1SO04I8L4N	7.387627734	-0.78609605	0.355566512	-0.115910515	0.025621878	0.209532462	0.578639863	0.001812075	0.016375417
YGL02_GNYA1SO04H5DZ7	11.90402047	-0.786138383	0.321668112	-0.28623876	0.240073641	0.233204022	0.253043774	0.000115022	0.002335391
YGL02_GNYA1SO04IQFYO	9.422390423	-0.786176255	-0.333746165	-0.385504559	-0.159457544	0.281690445	0.24680165	0.001577225	0.014834299
YGL02_GNYA1SO04IHLMT	7.459025378	-0.786183026	-0.101862448	-0.365751975	0.577490779	-0.018509462	0.123214752	0.006181184	0.039462494
YGL02_GNYA1SO04I22RR	9.289533568	-0.786232061	-0.246360866	-0.385435642	-0.370443457	0.399212239	0.629969141	0.000601584	0.007446674
YGL02.1233.C1	8.999102869	-0.786463878	0.980213912	0.786186449	0.244743682	0.281763991	0.762058842	2.60E-05	0.000830408
YGL02.2901.C1	7.966396978	-0.786463978	-1.137414007	-0.926380066	-0.081027059	0.851782984	0.811977815	0.000483968	0.006381515
YGL02.2330.C3	7.88590324	-0.786542745	0.160824048	-0.565451043	-0.201488466	0.002004638	0.248873191	0.00084768	0.009538812
YGL02.15974.C1	7.899996251	-0.786636296	0.247011073	-0.14650879	-0.029728606	0.097464486	0.399990838	9.33E-06	0.000415408
YGL02_GNYA1SO04JHWZ4	9.681678902	-0.786676827	0.070412729	-0.65346739	-0.282706074	0.144571875	0.592220696	0.002658384	0.021498463
YGL02_GNYA1SO04IWM18	7.552515128	-0.786731538	-0.132412382	0.0259339	0.008119556	0.259316263	0.217684645	0.002204504	0.018799133
YGL02_GNYA1SO04H91HB	7.765142593	-0.786764604	0.094927135	-0.211028626	-0.058139386	0.111748395	0.500268435	0.000315513	0.004747092
YGL02_GNYA1SO04ID4KZ	6.925872545	-0.78703582	-0.266990818	-0.459900357	0.281744038	0.423371699	0.910903783	0.00016179	0.002954882
YGL02.11373.C1	6.132944342	-0.787394315	0.491660653	0.104953295	-0.093925395	0.468572759	0.695186602	0.003319732	0.025190121
YGL02.329.C54	8.52014771	-0.787540269	-0.343150472	-0.134747558	0.173787473	0.134811942	0.37049792	4.00E-06	0.000241195
YGL02.13452.C1	7.183771651	-0.787547418	-0.008688075	-0.707395695	-0.020219736	-0.165189319	0.399269488	3.27E-05	0.000977691
YGL02.20014.C1	7.541519601	-0.787628938	-0.241080872	-0.528854932	-0.144159049	0.306343121	0.59306325	2.09E-05	0.000716764
YGL02.20781.C1	7.11719368	-0.787725628	-0.058881012	-1.009970208	0.740214233	-0.032215324	0.303808674	3.27E-05	0.000978485
YGL02.3683.C1	6.591661498	-0.78786599	0.074288123	-0.573053568	-0.31731554	0.212130222	0.601857061	0.001032536	0.010961929
YGL02.11500.C1	10.03466184	-0.787904377	-0.051563773	-0.233066057	-0.016865079	0.067516197	0.657301229	4.25E-05	0.001169056
YGL02.1369.C3	11.83444765	-0.788031248	-0.154276725	-0.500404346	0.026330714	-0.092869056	0.456593753	1.19E-05	0.000483022
YGL02_GNYA1SO04IUP2J	9.76651323	-0.788077775	-0.184153916	-0.556232215	-0.306488501	0.320287539	0.933460129	0.000141164	0.002692342
YGL02.6804.C1	7.441474305	-0.788646903	0.066883661	-0.297570766	0.421554142	-0.014607624	0.289410337	0.001350308	0.013252627
YGL02.2552.C1	6.254594026	-0.788697254	0.053103624	-0.21628811	0.033914595	-0.538226326	-0.059570522	0.003780354	0.027636198
YGL02_GNYA1SO04JIXKW	7.361270542	-0.788734604	-0.249938348	-0.799103999	0.0606134	0.503341598	0.69440439	0.000908411	0.010021062
YGL02_GNYA1SO04JOBCW	9.519589963	-0.788802999	-0.267735387	-0.355793197	0.189491807	0.035864873	0.263200398	3.77E-05	0.001079047
YGL02_GNYA1SO04JQ2DK	7.974580575	-0.788822459	-0.058992329	-0.162989662	-0.360172506	0.166792889	0.356564381	0.00167247	0.015450218
YGL02_GNYA1SO04H43O4	10.18239276	-0.788917269	-0.260426308	-0.849012715	-0.101841784	0.177869546	0.637592983	7.61E-06	0.000364191
YGL02_GNYA1SO04JGS7M	9.824565958	-0.789008394	-0.073582062	-0.333998565	0.782755269	0.0922584	0.082882007	0.002557478	0.02090615
YGL02.17912.C1	8.233470825	-0.789178124	-0.143742742	-0.662273838	0.032253982	0.097145106	0.635494641	3.53E-06	0.00022259
YGL02_GNYA1SO04ISN95	6.271178649	-0.789279231	-0.014820199	-0.354730369	0.147198918	0.179365903	0.85078739	0.004972541	0.033757964
YGL02_GNYA1SO04JS5MX	9.238258544	-0.789336701	0.020137854	-0.342373942	0.861491333	0.045709844	-0.049112508	0.000547841	0.006973096
YGL02_GNYA1SO04I8O7R	8.690755919	-0.789658043	-0.062963684	-0.34585363	-0.036988312	0.120095292	0.558562589	4.30E-06	0.000251842
YGL02.15005.C1	6.332295453	-0.789736816	-0.073340624	-0.278723363	0.179053664	0.112031769	0.483118096	0.006200237	0.039550622

YGL02.14806.C1	7.569101368	-0.78995423	0.089251512	-0.062715829	-0.076254716	0.209733221	0.406705932	0.000167073	0.003021168
YGL02_GNYA1SO04JZG7G	8.865400665	-0.79006379	0.041035131	-0.263418112	0.993654508	0.057832355	0.016745859	0.001355132	0.013286387
YGL02.5325.C1	8.65948527	-0.790150636	-0.399341015	-0.774906394	0.100170792	0.503086618	0.909854075	8.60E-07	9.22E-05
YGL02_GNYA1SO04JEBNL	7.685865952	-0.790387724	0.00777151	-0.132666115	-0.152395306	-0.205069601	0.252345231	3.45E-05	0.001013361
YGL02_GNYA1SO04H18J8	9.707118904	-0.79043644	0.009345457	-0.141264102	0.44842937	-0.055997562	0.005191337	0.002606521	0.0211956
YGL02.4219.C1	11.08896075	-0.790489463	-0.118005256	-0.842903331	-0.005016286	0.236638799	0.413579107	0.003825341	0.027861153
YGL02_GNYA1SO04JXAN8	7.888785259	-0.790569751	0.346385909	-0.658668786	-0.615619704	0.484310889	0.31612994	0.006502511	0.040906535
YGL02_GNYA1SO04JWB34	7.936720631	-0.790652272	0.004945928	-0.441387018	0.209364972	0.405142653	0.352102557	0.000690272	0.008228737
YGL02_GNYA1SO04IVYLY	7.176535208	-0.790708353	-0.165937873	-0.309877108	0.859626049	0.148967474	-0.072604996	0.002503441	0.020597886
YGL02_GNYA1SO04JXVTY	6.654261629	-0.790766154	0.255686774	-0.088030909	-0.310155409	0.45176598	0.507421808	0.001850327	0.016612129
YGL02.21715.C1	8.510090944	-0.79091919	0.209086313	-0.106721852	-0.120575531	0.137148252	0.144024379	0.002871562	0.022728813
YGL02_GNYA1SO04I6T2B	10.22902442	-0.790970204	-0.864636982	-0.871655641	-0.066882175	0.599103639	0.750325903	0.001180375	0.012052038
YGL02.6291.C1	6.004804419	-0.791009657	0.568707752	-0.005757173	0.433153079	-0.106129758	0.220347238	0.000286976	0.004434163
YGL02.15055.C1	6.847178933	-0.791136679	-0.319270369	0.005360853	0.195729715	0.082718522	-0.036129762	0.001557216	0.014709158
YGL02.17967.C1	4.919396752	-0.791170169	-0.318041236	-0.109835151	0.446985434	0.549512689	0.210292926	0.000496204	0.006486049
YGL02_GNYA1SO04ISMA1	6.381331957	-0.791686021	-0.155309311	-0.355463187	0.533339084	-0.100631022	0.45141492	0.001456534	0.014008018
YGL02_GNYA1SO04JIFW0	8.122430642	-0.791743132	-0.078606552	-0.794183265	-0.315980146	0.254199259	0.900234994	1.05E-05	0.000448859
YGL02.13722.C2	7.15260401	-0.791922829	-0.283606081	-0.651131233	-0.402676386	0.339223599	0.877185288	1.07E-05	0.000453175
YGL02.4782.C2	7.951720933	-0.791959378	0.060334842	-0.427055297	-0.406585363	0.142496118	0.738669751	1.09E-05	0.000459251
YGL02_GNYA1SO04H99L5	7.948715127	-0.792018275	0.185704982	-0.495523532	-0.127527234	-0.151080034	0.522610672	0.002207758	0.018813875
YGL02.5652.C18	9.117022197	-0.792204057	-0.102372049	-0.406296162	0.560655813	0.091046653	0.103351278	0.000870299	0.009715918
YGL02.10023.C1	10.59823942	-0.792221583	-1.667397782	-1.919112346	-0.368889057	0.323056443	0.73454026	0.000811683	0.009252366
YGL02_GNYA1SO04IPIZR	6.648986068	-0.792420992	-0.476242961	-0.294241383	0.324465564	0.34394328	0.368489219	0.00165092	0.015308308
YGL02.9818.C1	8.861021936	-0.792481008	-0.261898928	-0.80895536	0.014795497	0.369396849	0.755963121	4.10E-05	0.001141995
YGL02_GNYA1SO04JMZQG	9.056237768	-0.792516761	0.049074932	-0.154393869	0.24696677	0.250083511	0.341516007	0.006885943	0.042592406
YGL02.25.C1	8.047940976	-0.792536091	-0.120397921	-0.474507511	-0.181444513	0.144797573	0.193043406	1.24E-05	0.000496382
YGL02_GNYA1SO04JLFSK	6.169678949	-0.792812284	-0.012275655	-0.232278007	-0.40869987	-0.281622544	0.400509537	0.00659036	0.041306677
YGL02.15865.C1	6.203575275	-0.792933111	-0.405051707	-0.438156255	-0.10202011	0.68837143	0.442425415	0.006831916	0.042365471
YGL02.17667.C1	8.4685759	-0.793046254	-0.282231381	-0.516459142	-0.170158482	0.190500813	0.55534933	1.77E-05	0.000634853
YGL02_GNYA1SO04JGEB4	7.754318045	-0.793144538	0.087309605	-0.621827535	0.431842543	0.325796849	0.491586494	0.003038801	0.023654607
YGL02_GNYA1SO04H4IUI	7.494125396	-0.793428646	-0.03069167	-0.121458286	0.149364518	0.16613687	0.470483047	0.000248015	0.003987752
YGL02_GNYA1SO04I9520	7.914549349	-0.793451011	-0.277882783	-0.452796401	-0.051522219	0.031772932	0.472637984	0.00209318	0.01811187
YGL02_GNYA1SO04H87XW	10.01364285	-0.793455051	-0.023640532	-0.514471423	0.085438595	0.189255033	0.620257818	1.27E-05	0.00050337
YGL02_GNYA1SO04JFDGC	8.343381851	-0.793481063	-0.079380083	-0.402225317	0.000209027	0.082317577	0.123182522	0.00029604	0.004533657
YGL02_GNYA1SO04IA4Q6	8.872544955	-0.793645532	-0.088188772	-0.246396811	0.576929395	0.050378308	-0.106041061	0.002139687	0.018393983
YGL02.2311.C1	8.403757518	-0.793790402	-0.2428016	-0.551846683	0.027138477	0.00780173	0.228042244	0.001032792	0.010963551
YGL02.751.C2	12.79314448	-0.793805862	-0.627224674	-1.079436974	0.184823057	-0.268605148	0.558905994	0.000493592	0.006463694
YGL02.17004.C1	8.02545551	-0.793854304	-0.193251441	-0.199323292	-0.25192341	0.235172305	0.663962967	0.001258821	0.012607466
YGL02.14496.C1	7.155899174	-0.793999369	0.144685993	0.086544264	-0.126321272	0.063740453	0.269731013	0.000295958	0.004533465
YGL02_GNYA1SO04I2I0D	9.981310231	-0.794117686	0.165995145	-0.007970284	0.443243008	0.164760508	0.255816184	0.000794811	0.009111741
YGL02.11710.C1	9.600871524	-0.794194873	-0.180861693	-0.067404198	-0.23439266	0.119634556	0.107059356	2.63E-05	0.000838473
YGL02.1613.C3	12.50059836	-0.794327114	-0.157685776	-0.13410183	-0.104161766	-0.141162772	0.239330966	3.32E-05	0.000986796
YGL02.1593.C2	6.630450363	-0.794407667	-0.210366081	-0.049664406	-0.161171873	0.580615683	0.585433633	0.001910577	0.016989327
YGL02_GNYA1SO04IT7D0	6.788599177	-0.794478998	0.397488352	0.354426504	-0.213814025	0.360258408	0.885792036	0.001062536	0.011181215
YGL02_GNYA1SO04JVBDD	11.35422402	-0.794804281	0.110210893	-0.188243524	0.052817906	0.094475299	0.235766199	0.000543859	0.00694028
YGL02.22200.C1	11.69968044	-0.794853747	-0.279351505	-0.612065736	0.887306272	0.141736327	0.127858512	0.001719746	0.015774427
YGL02.5770.C1	8.886971666	-0.794941396	-0.260472543	-0.537880063	-0.117560533	0.141094193	0.151670983	7.89E-05	0.00179454
YGL02.8543.C1	7.661252712	-0.794956302	-0.036373635	-0.021173371	0.122532978	0.192529788	0.226276889	5.02E-05	0.001305704
YGL02_GNYA1SO04INWGP	8.025504243	-0.795449509	-0.036366582	-0.322739958	-0.524805105	0.081887699	-0.131431722	0.002488197	0.020506339
YGL02_GNYA1SO04IW666	6.62718802	-0.795890866	0.208340792	-0.458571264	0.014788131	-0.00399289	0.191511542	0.00010316	0.002167256
YGL02.8754.C1	8.427523667	-0.795955076	0.085354357	0.25411927	-0.282940836	0.333462868	0.887732721	0.000343236	0.00502923
YGL02.7677.C1	8.555388298	-0.796224624	-0.176276952	-0.323154016	-0.14602208	0.442887078	0.636412427	0.000893733	0.009903854
YGL02_GNYA1SO04JLF7V	3.561265623	-0.796301629	2.020857019	3.240293153	0.242580405	1.643932086	1.193358414	0.008500733	0.049580074
YGL02.22295.C1	5.484210998	-0.796305806	-0.137680921	0.281603137	-0.026809572	0.6743296	0.182296405	0.004920551	0.033508421
YGL02_GNYA1SO04JCN2O	8.998871831	-0.796433321	-0.548114374	-0.507030818	-0.012064891	0.352199311	0.206615618	0.000166847	0.00301835
YGL02.16914.C1	7.319115567	-0.796580143	-0.34806041	-1.050166617	0.06495947	-0.151852455	-0.052076817	0.000971943	0.010500964
YGL02.22093.C1	6.018394851	-0.796590349	0.773284132	0.748114654	-0.139912562	0.545755628	0.914587422	0.001471036	0.014103501
YGL02.18620.C1	8.644591241	-0.796595038	-0.14780018	-0.294972597	0.634363835	0.093196443	0.121332609	0.002162409	0.018538711
YGL02.16665.C1	4.468556042	-0.796705253	-1.289268344	-1.124363529	0.269000243	0.861701786	0.979047731	0.004782603	0.032816015
YGL02.13823.C1	8.935852592	-0.796820446	0.032254337	-0.328509447	0.867438442	0.023968527	0.048751494	0.001257376	0.012596457
YGL02_GNYA1SO04JR6T9	7.305479388	-0.796838332	-0.009621796	-0.412611747	-0.225893939	-0.028450609	0.734381584	0.004548542	0.03159165
YGL02.13279.C1	6.666424327	-0.79688365	-0.130976394	0.924426864	0.411554837	-0.178843066	0.494433296	0.005624797	0.036923962
YGL02_GNYA1SO04H3YV5	6.027305092	-0.797184372	-0.268936741	-0.767198438	0.422777052	0.180865051	0.451470012	0.001316326	0.013011886
YGL02.1192.C1	8.416458994	-0.797315206	-0.308518052	-0.525637508	-0.026280019	0.284505609	0.60934987	3.11E-05	0.000943015
YGL02_GNYA1SO04ITJBC	11.88962941	-0.797415345	0.319179732	-0.216101393	0.15729855	0.257100514	0.315533746	8.52E-05	0.001895056
YGL02.22266.C1	6.74966039	-0.797419719	0.307963122	0.225767347	0.240794856	-0.094903704	-0.016114536	0.003980634	0.028679396
YGL02.11865.C1	6.936161316	-0.797573924	-0.144201088	-0.899876601	0.022875231	0.165559713	1.095717332	0.003344272	0.025321633
YGL02.22355.C1	7.682470895	-0.797607473	-0.23952136	-0.731602518	-0.271848247	-0.07136448	0.409508953	0.000165886	0.003005728
YGL02_GNYA1SO04JS7LH	8.678682053	-0.797690657	0.019597672	-0.28715422	-0.15820826	0.443898778	0.980424215	2.40E-05	0.000785386
YGL02.22861.C1	8.018065601	-0.797729919	-0.097421081	-0.861280995	-0.255249178	-0.188852766	0.749781737	0.000569811	0.007170968
YGL02.14100.C1	7.689302012	-0.797762796	0.319973698	0.085532979	-0.216274743	0.014302249	0.709540826	0.000250816	0.004022302
YGL02.329.C56	7.17395809	-0.797779132	-0.582738097	-0.73447573	0.22491448	0.344059532	0.667763819	0.000269891	0.004243088
YGL02.5662.C1	7.714334476	-0.797894955	0.057241054	-0.506338023	-0.489251662	0.035994271	0.404867886	0.000955178	0.010386556
YGL02.3293.C1	8.742366979	-0.798067793	-0.195500533	-0.289486026	-0.135617112	0.457747558	0.583080227	0.000196998	0.003393748
YGL02.3429.C2	5.812212655	-0.798245971	0.148583667	-0.083253848	-0.352098504	-0.036841725	0.63749459	0.000714112	0.008437397
YGL02_GNYA1SO04IACNN	12.4645041	-0.798365484	0.262157329	-0.325658202	0.091179334	0.300823775	0.400472704	4.26E-06	0.000250469
YGL02_GNYA1SO04H3047	8.06349493	-0.798433245	-0.006840683	-0.224197838	0.23030338	0.01610579	0.036748766	0.000991633	0.010648835
YGL02.3533.C3	5.916546855	-0.798736972	0.258977182	0.176583874	-0.148097575	0.089050513	0.762466056	0.000158486	0.002913829
YGL02_GNYA1SO04IF1G7	10.95542974	-0.798815177	-0.119563682	-0.276426266	0.601826841	0.073886018	-0.031242441	0.000212524	0.00357978
YGL02_GNYA1SO04ID3AB	11.79754978	-0.799053045	-0.105299529	-0.242822009	0.970347439	0.142454178	0.120447483	0.00054453	0.006943229
YGL02.23719.C1	9.192331166	-0.799178397	-0.25823275	-0.535859199	0.501173536	0.196632942	0.424441957	0.000213237	0.003588987
YGL02.19105.C1	6.744454652	-0.799191912	-0.797156977	-0.484496373	-0.114515633	0.653063609	0.173133923	5.02E-05	0.001306118
YGL02_GNYA1SO04H231C	10.79915764	-0.799346847	0.456450952	0.536455886	0.031810454	-0.171728577	0.05972613	9.18E-06	0.000411053
YGL02_GNYA1SO04I9X2X	10.28536579	-0.799642557	-0.118201634	-0.836617754	-0.002010641	0.273502396	0.711454837	9.46E-07	9.75E-05
YGL02_GNYA1SO04JNCEP	7.219508263	-0.80006206	0.012217811	-0.872441075	0.309389635	0.325301876	0.622598872	0.001129693	0.011678195
YGL02_GNYA1SO04JVFD7	3.829856273	-0.800088461	-0.64782088	-0.898005993	-0.0812574	0.681319513	1.520735146	0.00530479	0.035379242
YGL02.11474.C1	8.497572597	-0.800230619	-0.154527075	-0.372789118	-0.36597974	0.19379012	0.574450742	4.03E-05	0.001126454
YGL02.13530.C1	6.15664052	-0.800248374	0.314894908	-0.28084104	-0.233807406	0.265741032	0.899261416	0.00010353	0.002172938
YGL02.7558.C1	7.453885648	-0.800266716	-0.231201408	0.467099714	0.965332519	0.422689278	0.319703734	0.003155167	0.024304754
YGL02.23566.C1	7.536085896	-0.800449623	-0.285526745	-0.30306117	0.612151121	-0.017466623	-0.033328964	0.000832487	0.009419419

YGL02_GNYA1SO04IHARH	9.417261083	-0.800716073	-0.069186727	-0.214817554	0.675878386	0.269497488	0.198376407	0.000100596	0.002133473
YGL02_GNYA1SO04IARAL	7.159633829	-0.800904051	-0.023176759	-0.05397993	-0.615146871	0.259202554	0.556780128	0.001422908	0.013768472
YGL02_GNYA1SO04IUFF2	8.162739343	-0.801005899	0.018510927	-0.275658371	0.800513433	-0.136662127	-0.021371362	0.000124553	0.00247041
YGL02.4899.C3	8.377120165	-0.801080254	0.114935372	-0.270347282	-0.080713575	0.185525931	0.6024389	2.58E-05	0.000826669
YGL02.3705.C4	8.020903402	-0.801481539	-0.441184014	-0.870631508	0.217710399	0.510976726	0.819398624	0.000134756	0.002607289
YGL02.3582.C1	10.33727845	-0.801764902	0.021631311	-0.358771023	0.160597556	0.202880867	0.660060314	9.79E-05	0.002089727
YGL02_GNYA1SO04IO23W	9.822975525	-0.801790401	-0.316212167	-0.650185912	-0.104523614	0.197212349	0.327805114	4.44E-06	0.000257758
YGL02_GNYA1SO04ITL9Z	10.07766164	-0.801893471	-0.285622411	-1.090301352	0.22111576	0.172089715	0.487001435	5.42E-07	6.79E-05
YGL02_GNYA1SO04IH4D75	9.251033585	-0.802159734	-0.090292027	-0.292651266	0.710124709	-0.022170746	0.099826341	4.56E-05	0.001226286
YGL02_GNYA1SO04IIMJX	5.723430923	-0.802451502	0.435251999	-0.101271397	-0.409249114	0.025070656	0.184438447	0.004858999	0.033192243
YGL02_GNYA1SO04JP91N	8.059293902	-0.802596998	0.077598112	-0.783772298	1.156743615	0.042953716	0.438478857	0.006638754	0.04152358
YGL02.18647.C1	5.820188603	-0.802878343	-0.127625754	-0.168901002	0.051518072	0.323466234	0.120472776	0.000488476	0.006420681
YGL02_GNYA1SO04I1P43	6.60620324	-0.803251443	-0.092732725	-1.023382924	0.060164414	-0.008841094	0.763502603	0.000472338	0.006272224
YGL02.2747.C1	13.05813564	-0.803365553	-0.30847357	-0.931954931	-0.026912996	0.158855108	0.584052744	3.64E-06	0.00022681
YGL02_GNYA1SO04IJ15Q	6.763969724	-0.803464213	0.050393726	-0.348270947	0.315762167	0.143300364	0.521397668	0.000988773	0.010629788
YGL02_GNYA1SO04I1RX8	6.291659961	-0.803564103	0.031234761	-0.088110938	-0.113804569	0.149435838	0.71631353	0.000357956	0.005175222
YGL02.4333.C2	6.813953016	-0.803672317	0.041536949	-0.746622645	0.280188886	0.137223977	0.77192313	0.000263897	0.004174703
YGL02_GNYA1SO04JOVOK	8.2963323	-0.8037482	-0.166430586	-0.637112785	-0.086232229	0.210997492	0.957940545	0.000107293	0.002227703
YGL02.3383.C4	12.33335703	-0.803750532	0.128971312	-0.346927365	-0.371098978	0.115584989	0.569588982	0.006435413	0.040616627
YGL02.4536.C1	8.435024427	-0.804162426	-1.142266439	0.252029329	-0.181437604	-0.059590292	0.633075044	0.000651945	0.007901308
YGL02.1782.C2	10.50599884	-0.804454457	-0.128785362	-0.51121449	-0.143270769	0.115977838	0.728072352	4.61E-06	0.000262748
YGL02.5151.C2	6.518213472	-0.804456479	-0.655994234	-0.906352176	-0.32681243	0.376551336	0.528059089	0.003847949	0.02798972
YGL02.21848.C1	6.69309019	-0.804775388	-0.189912937	-0.137117898	-0.10073211	0.207483012	0.320514696	0.003622973	0.026812609
YGL02.1459.C1	5.052251112	-0.804786934	1.673284133	0.850802972	0.20535535	-0.024617698	0.194269601	0.001723554	0.015803782
YGL02_GNYA1SO04IN8TK	4.836419981	-0.804867308	-1.772134205	-0.593631632	-0.049846131	1.179349227	-0.494428018	0.008378152	0.049061788
YGL02_GNYA1SO04IBQ16	7.949930696	-0.804961828	-0.085757643	-0.396989589	-0.040270176	0.268268525	0.734069652	1.65E-05	0.000606176
YGL02_GNYA1SO04J0O85	5.535073961	-0.80536225	0.612957767	-0.363610805	0.062894174	-0.489370479	0.707709836	0.003125404	0.02413855
YGL02_GNYA1SO04I7EBH	6.517405232	-0.805529757	0.190451483	0.008371196	-0.127588839	-0.008255784	0.759832085	0.004394067	0.030827939
YGL02_GNYA1SO04IDEW4	6.822720668	-0.806245123	-0.262123224	-0.627483552	-0.040812425	0.293487879	0.630564817	0.001257258	0.012596457
YGL02.4664.C1	9.150655072	-0.806334572	-0.13105796	-0.117709327	0.604560224	0.026551931	0.06938335	0.00043921	0.0059563
YGL02_GNYA1SO04IFDMI	8.33099706	-0.806448886	-0.109061794	-0.127765909	0.312114274	0.037241583	0.697365712	1.33E-06	0.000120195
YGL02_GNYA1SO04I05CO	6.552229575	-0.806488298	-0.492769511	-0.631344006	0.152928961	0.62229882	0.683297081	0.000330806	0.004903128
YGL02_GNYA1SO04I75FT	7.520613443	-0.806488752	-0.708325843	-0.699837348	-0.354722315	0.019805087	-0.091009108	0.00453844	0.031543476
YGL02.17492.C1	6.404350087	-0.806604442	-0.308847465	-0.326441886	-0.01195561	0.303575384	0.736301797	0.000345459	0.005053217
YGL02_GNYA1SO04I1E4Z	7.630775326	-0.80662784	-0.058906806	-0.309102097	0.228307347	0.527069394	0.558308353	4.71E-06	0.00026648
YGL02.411.C2	6.201945616	-0.806779086	-0.600411859	-1.193173805	0.028679768	0.369030923	0.93361979	0.000428715	0.005858764
YGL02_GNYA1SO04H564H	6.347494169	-0.806843249	-0.076285949	-0.283264227	0.175288085	0.330859931	0.726746998	0.00731646	0.044564651
YGL02.2486.C1	6.221991274	-0.807005082	-0.585635803	-1.114802747	-0.095880569	0.516547296	0.471864196	0.000262529	0.004161193
YGL02_GNYA1SO04JDQEA	8.918240915	-0.807160424	-0.013310435	-0.336316991	0.383135515	0.18499125	0.234450689	0.00184909	0.016606777
YGL02.2797.C1	9.144687537	-0.807183415	-0.095150284	-0.698659588	-0.114353891	0.110309169	0.941838855	0.000145774	0.002754615
YGL02.4071.C1	8.051859959	-0.807193194	0.062852684	-0.194209606	0.067454574	0.019644372	0.677872196	0.000754076	0.008783041
YGL02_GNYA1SO04IXKFQ	7.680968882	-0.807886283	-0.20969134	0.047526437	0.038209573	0.673659322	0.49581727	0.00403697	0.029001374
YGL02_GNYA1SO04IU35H	12.74671065	-0.808099516	-0.126723298	-0.106419565	-0.150389102	-0.235159511	0.228623661	0.000427066	0.005841319
YGL02.8070.C1	7.756862487	-0.808147678	-0.347870645	-0.582165281	0.060296741	-0.126370616	0.53565586	7.54E-05	0.001738418
YGL02_GNYA1SO04IEUFJ	8.892962339	-0.808153488	-0.181546745	-0.274969723	1.098736416	0.061458054	-0.076494759	0.000926205	0.010159369
YGL02.23060.C1	9.26894844	-0.808202579	-0.018927787	-0.21691582	0.275453008	0.205001155	0.449040871	1.12E-05	0.000466641
YGL02.13066.C1	7.520346666	-0.808649521	-0.037921912	-0.403118817	0.174826523	0.220168189	0.337673026	0.000663979	0.008001204
YGL02_GNYA1SO04H5QJI	10.05221915	-0.808657692	-0.198996465	-0.502876777	-0.073798503	0.355849272	0.494737314	0.000130613	0.002551243
YGL02_GNYA1SO04JU7DO	9.301036712	-0.808771205	-0.264327049	-0.632947663	-0.20279424	0.455693848	0.790669701	5.53E-06	0.000295941
YGL02.11727.C1	7.410535122	-0.808835179	-0.332105638	-0.004804118	-0.209249488	0.484258488	0.18547926	0.000210655	0.003555703
YGL02_GNYA1SO04IXLY1	7.641909011	-0.808955174	-0.154349158	-0.394799508	-0.092540435	0.124960032	0.542590388	0.00015168	0.002827517
YGL02.10711.C1	8.363187225	-0.809107845	-0.098659973	-0.344299889	0.097756894	0.143765048	0.373837629	1.68E-05	0.000613926
YGL02.1107.C2	8.669038943	-0.809115522	-0.316820286	-0.432505059	0.28646814	0.150121246	0.412033419	1.34E-05	0.000523316
YGL02_GNYA1SO04I36RU	10.75158353	-0.809243656	-0.607303067	-0.17442938	-0.316962906	0.289140837	0.518871532	5.72E-05	0.001428294
YGL02_GNYA1SO04IOUQG	12.81644402	-0.80942371	-0.155212701	-0.319712912	0.72952439	0.045441528	0.084580469	0.000149383	0.002801551
YGL02.4994.C1	7.649969782	-0.809688139	0.312188533	-0.088478029	0.457057152	0.172785284	0.48608979	0.007597554	0.045784666
YGL02_GNYA1SO04IBFBQ	7.567240541	-0.809828931	-0.268491066	-0.403761844	0.58949493	0.116512724	0.081651976	0.001460318	0.014033987
YGL02_GNYA1SO04JDXSA	6.130611195	-0.80992189	-0.196664139	-0.01111638	0.136265123	0.541917398	-0.005449012	0.004252894	0.030096752
YGL02_GNYA1SO04IUNE1	12.50038878	-0.810290167	-0.120833971	-0.140137273	-0.104888703	0.298857353	0.610895338	7.24E-06	0.000351643
YGL02.12873.C1	7.855185184	-0.810892288	0.143736548	-0.725356141	0.005730241	-0.346868175	0.472490719	1.06E-06	0.000104614
YGL02_GNYA1SO04H37NE	6.93437688	-0.811042637	0.058074309	-0.013815434	0.3660241	-0.403636267	0.603990418	6.45E-05	0.001550384
YGL02.13215.C1	5.973003856	-0.811088049	-0.074365183	-0.197680714	0.400421745	0.105183198	0.306861633	0.005924987	0.03831575
YGL02.22953.C1	4.579657438	-0.811184041	0.199387102	-0.09920907	-0.085714029	0.000599032	0.269514395	0.00457788	0.031746035
YGL02_GNYA1SO04I9D95	8.738160195	-0.811273156	-0.40498307	-0.779936776	0.270711744	0.346045971	0.723156145	0.000151664	0.002827517
YGL02.19487.C1	4.023263479	-0.811453689	-0.80457017	-0.411596444	0.235018221	0.577413256	0.59603334	0.006532592	0.041033972
YGL02.10654.C1	7.858022629	-0.811704039	0.050945426	-0.354859044	-0.072344616	0.347536449	0.538704097	0.001016676	0.010835106
YGL02.12996.C1	7.040976823	-0.811843144	-0.248868401	-0.662321729	-0.159717772	0.221700148	0.886826355	0.000906688	0.010008878
YGL02_GNYA1SO04IXDIN	8.888364117	-0.811924589	-0.347503932	-0.715508339	0.017447814	0.401918378	0.710650201	1.24E-05	0.000497964
YGL02_GNYA1SO04IDZFW	10.05108917	-0.811981473	-0.163313111	-0.351006865	-0.086390359	0.330578662	0.228650876	5.82E-05	0.001447831
YGL02.21430.C1	6.186775519	-0.812093011	-0.131103176	-0.016510265	0.679105958	-0.155303801	-0.111651511	0.001753522	0.01600568
YGL02_GNYA1SO04I723W	7.898551778	-0.812192132	0.082136986	0.006179383	0.044736929	0.076012825	0.362552407	0.000380737	0.005400286
YGL02.973.C2	10.12863539	-0.812199236	-0.673061653	-0.779390787	-0.051521815	0.546802537	0.816003141	0.00022575	0.003736464
YGL02_GNYA1SO04ILLFF	11.11892489	-0.812315825	-0.370220222	-0.924104693	-0.17992074	0.294853796	0.652290208	1.10E-05	0.000461449
YGL02_GNYA1SO04IT274	8.643776171	-0.812342734	-0.216536927	-0.250448093	0.154981445	0.480803558	0.375918573	0.00221401	0.018851306
YGL02.14719.C1	11.22274968	-0.812349969	0.098376493	-0.296201539	0.258098308	0.183614044	0.518432562	7.94E-05	0.001803246
YGL02_GNYA1SO04H5TRB	6.912275303	-0.812755214	-0.206821917	-0.132709634	-0.111161309	0.290668553	0.101082993	0.002246163	0.019058657
YGL02_GNYA1SO04ISM8L	8.519904418	-0.81286728	-0.187830103	-0.207619755	-0.362041372	0.135080339	0.594348424	4.64E-05	0.001239964
YGL02.3270.C1	8.704270514	-0.813145391	-0.090872038	-0.321680817	-0.03814811	0.602464913	0.52615346	1.20E-05	0.000485225
YGL02_GNYA1SO04IQNG5	8.495394459	-0.813232308	-0.406130925	-0.662261694	-0.133513383	0.394879739	0.571010795	0.000179758	0.003177054
YGL02.22674.C1	6.917774479	-0.813259943	-0.200255384	-0.837437835	-0.312503264	-0.187460388	0.573175296	0.001336228	0.013155824
YGL02.12677.C2	9.098871487	-0.813492988	-0.332282562	-1.036408982	0.188958049	-0.305160917	0.103027262	0.000626119	0.007670142
YGL02_GNYA1SO04IX7Z0	10.43017559	-0.813660444	0.102021945	-0.501033811	-0.370102195	0.051100967	0.524962692	7.10E-06	0.000347871
YGL02.18620.C2	9.14582942	-0.813666236	-0.007329001	-0.468298511	0.213935016	-0.015421673	0.334794211	3.29E-05	0.000980192
YGL02_GNYA1SO04IR11X	10.89704189	-0.813718441	-0.317483379	-0.693914085	0.198203065	0.296299294	0.363264402	0.000398769	0.00558277
YGL02_GNYA1SO04I4IUS	5.567420353	-0.813825136	-0.083815541	-0.443862005	0.520239322	0.532957272	0.649170028	0.001607553	0.015025232
YGL02.11.C3	9.131125527	-0.813852886	-0.951422349	-0.824434445	-0.869672324	0.676888616	0.909403864	0.001992151	0.017509106
YGL02_GNYA1SO04ILCMX	7.241147154	-0.814126278	-0.255732448	-0.179393039	0.577833614	0.095866415	-0.178111219	0.000993873	0.010662285
YGL02_GNYA1SO04I0XQK	7.967055056	-0.814255836	-0.112966866	-0.543887267	1.050171091	-0.167433209	-0.012217655	0.00686961	0.042519811
YGL02.367.C19	9.792682844	-0.814480498	-0.052084913	-0.411274753	0.815636523	0.056116843	0.15077682	0.001629746	0.015176801
YGL02.1184.C14	8.161810565	-0.815023331	-0.035548612	-0.392138491	0.118193946	0.097805659	-0.015819537	0.000306409	0.004649562

YGL02_GNYA1SO04H5LV2	11.0372101	-0.815214524	-0.061565035	-0.354106489	-0.267435999	0.299264095	0.412635952	0.000420815	0.005789483
YGL02_GNYA1SO04IDTB5	6.893535343	-0.815297323	-0.102871778	-0.632812647	0.067300901	0.025570783	0.398503045	0.001650699	0.015308308
YGL02.3072.C4	9.272684913	-0.815362768	-0.116497475	-0.287277922	0.380311584	0.179616767	0.057301573	0.001132604	0.011698016
YGL02_GNYA1SO04INO58	6.503111956	-0.815489619	-0.09568635	-0.676842178	0.0846393	0.311852005	0.254623859	0.004377291	0.030731888
YGL02.5248.C1	8.700342975	-0.815583298	-0.107708145	-0.224919434	0.178823911	0.353457058	0.671683487	1.79E-06	0.000145725
YGL02.12139.C1	7.090314359	-0.815584535	0.063058169	-0.533284958	0.18843455	-0.355195236	0.199552385	0.004516245	0.03143308
YGL02.7338.C1	8.031945645	-0.815958312	-0.121780696	-0.137811453	0.004681472	0.221979678	0.387710968	0.000173137	0.003101943
YGL02_GNYA1SO04JBBND	10.59151717	-0.815959107	0.269706264	-0.260443652	0.01324812	-0.017224367	0.533260285	1.15E-05	0.000474198
YGL02.16084.C1	7.754324815	-0.81613961	-0.111654442	-0.672301584	0.097062202	-0.367237087	0.179642063	0.001707594	0.015697428
YGL02_GNYA1SO04JSD3P	11.66938321	-0.816351876	0.181997128	-0.609239439	0.00564479	0.172877077	0.404676728	0.000519777	0.006706181
YGL02_GNYA1SO04I4JPQ	11.91609253	-0.81644745	-0.15675017	0.002118332	-0.067743301	-0.215231476	0.188893274	0.000766982	0.008889505
YGL02_GNYA1SO04JC1AQ	7.822521848	-0.81653365	-0.349709541	-0.378343667	-0.100976991	0.641296876	0.857822522	9.38E-05	0.002032605
YGL02_GNYA1SO04IWNR9	6.380618879	-0.816648001	-0.111991166	-0.474964536	0.885719762	0.048888313	0.264458385	0.001980505	0.017438711
YGL02_GNYA1SO04I5KJZ	7.492529572	-0.816704538	0.020924287	-0.706047937	0.329867744	0.037370699	0.469590231	0.00019063	0.003316199
YGL02_GNYA1SO04JMPOQ	11.03106078	-0.816730013	0.289471118	-0.746631529	-0.146695979	0.128073718	0.462249638	0.001140799	0.011762215
YGL02.4.C57	5.690807854	-0.816736237	-0.337367973	-0.415669146	0.209382383	0.359089526	0.363084264	0.007719953	0.046328241
YGL02.8876.C1	8.804286186	-0.816815686	-0.385573824	-0.498236952	-0.437510756	0.357346878	0.747782955	0.000232748	0.003816205
YGL02.8632.C1	7.200953871	-0.81693512	-0.0274073	-0.31939405	-0.045667769	0.289981658	0.795973612	0.000343843	0.005034138
YGL02_GNYA1SO04IIGPD	7.971910452	-0.816963284	-0.645879877	-0.637378202	0.081293411	0.507311047	0.644589415	0.001223573	0.012358243
YGL02_GNYA1SO04H2CYT	8.743580965	-0.817060283	-0.246211224	-0.455773625	0.004918374	0.26976254	0.608575752	0.00748532	0.045312992
YGL02_GNYA1SO04IY4HF	6.457959323	-0.817128624	0.141629251	0.079657691	-0.282040628	0.669580228	0.980194119	0.000612297	0.00754292
YGL02_GNYA1SO04JEZDB	6.29258068	-0.817373048	0.086453542	-0.189474593	0.409029155	-0.014857513	-0.039844023	0.003343972	0.025320842
YGL02_GNYA1SO04JZKUF	9.576737333	-0.817504511	-0.481729218	-0.936804844	-0.279490331	0.119879019	0.303443936	0.000611596	0.007537145
YGL02_GNYA1SO04JHWB0	7.857279408	-0.81755744	-0.095945588	-0.562983867	-0.34943184	0.158700046	0.278002911	3.69E-05	0.001062549
YGL02_GNYA1SO04IC32D	7.840366741	-0.817668195	-0.031636046	-0.249800022	0.561879725	0.367266079	0.431005088	2.76E-05	0.000866654
YGL02_GNYA1SO04JPITS	6.137905245	-0.817894159	0.117596754	-0.042552989	0.41271022	-0.044124921	0.34847598	0.00246778	0.02039128
YGL02_GNYA1SO04JAR4A	7.794765395	-0.817938181	0.111158762	-0.341106043	-0.374873967	0.330666952	0.771357256	1.52E-05	0.000572427
YGL02_GNYA1SO04JLW9D	5.656101226	-0.81803127	-0.323281584	-0.670096328	0.594218605	0.215470991	0.839168655	0.004879725	0.033290158
YGL02.1007.C2	11.09912711	-0.818106101	-0.240458085	-1.078816654	-0.24196162	0.137013155	0.703269863	3.68E-06	0.00022826
YGL02_GNYA1SO04J0RGC	8.838129811	-0.818202077	-0.062266293	-0.666418606	0.063319768	0.238777541	0.56710085	1.44E-05	0.000552342
YGL02_GNYA1SO04JEU7C	7.913828301	-0.818275054	0.101611836	-0.101087706	-0.177607047	0.145597684	0.580121217	0.000881672	0.009804791
YGL02.10738.C1	6.673310473	-0.818291462	-0.125104966	-0.542047714	-0.202389884	0.06281335	0.683145869	0.002877546	0.022761951
YGL02.17527.C1	5.448857951	-0.818337052	0.026969628	0.016271041	0.168008269	-0.374037831	0.035654813	0.00171427	0.015741637
YGL02.795.C1	6.525298665	-0.818749908	0.146455931	0.098804788	0.149576016	0.032344572	0.293669659	0.000275932	0.004310847
YGL02.14579.C1	7.069789646	-0.81899278	-0.51635334	-0.432790022	0.180918665	0.37269331	0.235434786	0.000495278	0.006479838
YGL02_GNYA1SO04ISCDO	7.705311973	-0.819080696	0.195960731	-0.201546966	0.135452585	0.244009691	0.807718576	0.00110146	0.011465053
YGL02.12211.C1	8.22605265	-0.819101194	-0.204629371	-0.327776186	0.507094808	0.010813212	0.257989212	4.36E-06	0.00025379
YGL02.5589.C1	7.955782603	-0.819118918	-0.229301459	-0.406538612	-0.045982979	-0.067973851	0.238369667	0.000392262	0.005517228
YGL02_GNYA1SO04JQJF9	9.362561174	-0.819168082	0.03199223	-0.386991677	-0.268521501	0.231042285	0.47975761	0.000241133	0.003913054
YGL02_GNYA1SO04J0GD8	9.886183121	-0.819246716	-0.094564329	-0.282608888	0.465418757	0.064782503	-0.011591829	0.004736454	0.032568779
YGL02.4072.C1	7.490226098	-0.819301326	0.03495257	-0.235001929	0.771757671	-0.044368856	0.415583385	0.002183334	0.018669904
YGL02.20978.C1	7.017670174	-0.819637292	-0.477752107	-0.678390626	0.536989073	0.6888213	0.526519369	0.003341964	0.02530745
YGL02.16524.C1	8.173485874	-0.819767818	-0.282508589	-0.316281722	0.167068115	-0.028687517	0.391230007	0.00241052	0.020052492
YGL02.1613.C1	12.77934819	-0.819783279	-0.054576572	-0.040329568	-0.075196028	-0.089593278	0.32413506	0.000581931	0.007275637
YGL02.19921.C1	6.389625179	-0.819975388	-0.182737047	-1.352735481	-0.042785018	0.435346829	1.31066708	0.000744089	0.008694987
YGL02.8353.C1	7.671853144	-0.820195886	-0.644687557	-0.826347806	-0.457786781	0.313060054	0.550584671	0.000150742	0.002818882
YGL02_GNYA1SO04JK5IN	6.91783703	-0.820197584	0.097459974	-0.325535045	0.728244516	0.042512608	0.500548748	0.008591357	0.049928733
YGL02.11466.C1	8.967012181	-0.820339872	-0.162815041	-0.27699755	0.203977334	0.034381949	0.056560917	6.77E-06	0.000337676
YGL02_GNYA1SO04IUEEJ	8.90679522	-0.820431858	-0.318922421	-0.528012756	-0.521865629	0.089607806	0.160419362	0.000254222	0.004061843
YGL02_GNYA1SO04JD45O	8.106119237	-0.82057897	-0.084081285	-0.58763162	0.058955882	0.279018949	0.934009171	0.002541279	0.020821901
YGL02.479.C1	9.975825916	-0.820585276	-0.129500659	-0.372067903	0.972443217	0.104325742	0.102099937	0.000151632	0.002827517
YGL02_GNYA1SO04IVLEZ	7.134238664	-0.820586614	0.421189431	0.160586431	-0.041315528	0.093642499	0.509318665	0.000717459	0.008465541
YGL02.15267.C1	6.979916809	-0.820594055	-0.720844952	-0.958690954	0.079610511	0.519158253	0.805353456	0.00260653	0.0211956
YGL02_GNYA1SO04JB7MA	7.051519753	-0.820652577	-0.661680831	-1.105270961	-0.298646623	0.75227851	1.380945844	0.001971193	0.017382415
YGL02.21855.C1	9.600243278	-0.820658452	-0.067504094	-0.261482709	-0.255323739	-0.096305478	0.088107061	0.001621975	0.015127275
YGL02_GNYA1SO04ITK7V	8.362246655	-0.821145489	-0.198470643	-0.43707721	0.621740729	-0.033722406	0.248026759	0.000190106	0.003311587
YGL02.21306.C1	7.946780202	-0.82130418	-0.523816485	-0.716238742	-0.172172731	-0.098670756	0.408469221	0.007926324	0.047186212
YGL02.4866.C1	7.104675221	-0.821375326	0.1998512	-0.081333848	0.032200674	0.042263438	0.158811897	0.001329092	0.013106496
YGL02_GNYA1SO04H7RVU	9.34702728	-0.82144983	-0.056770279	-0.118699084	0.573968266	0.333939198	0.650123496	0.000752603	0.008771525
YGL02.11235.C2	10.8654144	-0.821518735	0.044060485	-0.4203403	-0.22094632	0.177645021	0.454833629	0.001942218	0.017202171
YGL02.12268.C2	8.064245793	-0.821641077	0.252840673	0.008023302	-0.053833374	-0.011109381	0.427916971	0.0010613	0.01117185
YGL02.15181.C1	7.901819411	-0.821753639	-0.110327478	0.037303022	-0.044896174	0.128517263	0.373018139	7.91E-05	0.001797721
YGL02_GNYA1SO04JAD2W	4.582486911	-0.821757897	0.074479565	-0.11026068	1.216575908	-0.222170366	0.147707458	0.005201868	0.034885061
YGL02.2423.C1	6.874968423	-0.821817737	-0.89258942	-0.466560395	-0.039665841	0.506456301	0.26059621	0.001756957	0.016021181
YGL02_GNYA1SO04IJ4JH	11.19696753	-0.822316003	-0.367632108	-0.626092211	-0.424649751	0.095740203	0.205881852	0.000293304	0.004503469
YGL02.22972.C1	8.203749368	-0.822722786	0.314658845	0.110512356	-0.301353143	0.183166976	0.723345566	0.005956213	0.038452393
YGL02_GNYA1SO04I1KEV	8.409008465	-0.822730036	-0.165375401	-0.129306146	-0.176637589	0.500689257	0.609080077	4.78E-06	0.000269228
YGL02_GNYA1SO04JVBBH	7.656141204	-0.823082881	-0.435716054	-0.677883538	-0.033904185	0.09294939	0.442862236	0.003313878	0.025159171
YGL02.13798.C1	4.705919285	-0.823102049	0.309512016	-0.602970529	0.642489625	0.776627846	1.321610807	0.001500158	0.014304332
YGL02_GNYA1SO04JQU0K	7.312113546	-0.823297631	0.246443992	-0.105659292	-0.123088427	0.130231086	0.472633792	0.000798289	0.009139478
YGL02.3951.C2	13.84815667	-0.823358521	0.011850664	-0.463259131	-0.167823412	0.059624364	0.705878297	7.51E-07	8.37E-05
YGL02_GNYA1SO04IXQJ4	8.491451042	-0.823395661	-0.323808464	-0.708833231	0.589691207	0.328310057	0.551063172	6.24E-05	0.001514754
YGL02.4219.C3	8.670044255	-0.823419708	0.126934036	-0.593588716	-0.044227394	0.097955033	0.329883849	0.002240306	0.019023495
YGL02_GNYA1SO04H0NIX	9.985391931	-0.823569927	0.074582537	-0.152228878	1.028188516	0.164307687	0.123317504	0.001849952	0.016609913
YGL02.22507.C1	8.157720901	-0.823949427	-0.085255049	-0.513866829	0.497074387	0.003378952	0.311349613	6.31E-06	0.000321716
YGL02.7312.C2	10.64539558	-0.823959888	-0.575129601	-0.082762338	-0.296038341	0.276489784	0.368924942	7.65E-06	0.000365382
YGL02.20330.C1	9.149964183	-0.823998804	-0.513745089	-0.619346279	-0.512838482	0.57853649	0.651206652	0.005658408	0.037094709
YGL02_GNYA1SO04JB2LM	7.718196136	-0.824419092	0.0461576	0.037157341	0.483060708	0.324774188	0.393306644	0.000616905	0.007586694
YGL02_GNYA1SO04I9IOR	8.970287255	-0.824569538	-0.488997295	-0.302126006	2.572132932	0.097045684	0.596510399	0.00597999	0.03855016
YGL02_GNYA1SO04IXP4P	3.638952857	-0.824938665	-0.379292507	-0.837476051	0.019611878	0.557752855	0.878630417	0.000920717	0.010116306
YGL02_GNYA1SO04I3T9N	8.986831449	-0.824962108	-0.115105047	-0.292427902	0.811424336	0.000351899	-0.223294954	0.001053476	0.011117502
YGL02.11314.C1	7.250327208	-0.824964079	0.133975823	-0.07808859	1.085626734	0.025142678	-0.068348358	0.00259708	0.021140627
YGL02.9118.C1	7.94914094	-0.825010043	0.081566345	-0.40789108	-0.2514815	0.103214228	0.545707915	0.000165285	0.002997774
YGL02.13140.C2	9.345574901	-0.825091017	0.010966023	-0.373554271	-0.08793228	0.216292526	0.738646327	1.50E-06	0.000130187
YGL02_GNYA1SO04JX20D	9.197861388	-0.825142744	0.071188111	-0.275451907	0.902265487	-0.075470281	-0.05809768	0.000374874	0.005344642
YGL02.22689.C1	6.712462096	-0.825372172	-0.325629937	-0.722936626	-0.05026261	0.155526426	0.409946564	9.15E-05	0.00199706
YGL02_GNYA1SO04H9XMQ	8.370591537	-0.825383789	-0.159785982	-0.216127888	0.504487538	0.251537479	0.017283806	0.000290196	0.004469427
YGL02_GNYA1SO04JMC5K	6.733402137	-0.825725074	-1.007646284	-0.494321389	-0.092188399	1.370420212	0.923159071	0.001051447	0.011103326
YGL02.5127.C2	7.579223067	-0.825799701	-0.755891911	-0.499671324	-0.247865434	0.300923992	0.640750862	0.000556541	0.007054706
YGL02.5441.C1	7.893592235	-0.825804406	-0.698192897	-0.441917389	0.094540444	0.287650038	0.62405647	5.31E-05	0.001355881

YGL02_GNYA1SO04JNUU7	6.778548449	-0.826353246	0.058167337	-0.414253986	-0.104023866	-0.076706471	0.632687304	0.00116017	0.011896384
YGL02_GNYA1SO04IDZ8A	8.847819114	-0.8263818	-0.154579554	-0.400511987	0.452047764	0.25503393	0.512631598	0.000576432	0.00723251
YGL02_GNYA1SO04IHCZU	7.646940102	-0.826596985	-0.676267222	-0.516843877	-0.258937092	0.143879125	0.283173001	0.004858283	0.033189333
YGL02_GNYA1SO04H5DEF	9.451805415	-0.826604974	-0.022046945	-0.352508998	0.633526652	0.122908999	0.195009431	0.002387164	0.019914144
YGL02_GNYA1SO04JM89C	10.19468774	-0.826925988	0.114825282	-0.209269619	-0.602052839	-0.077711093	0.075537931	6.38E-05	0.001538946
YGL02.22275.C1	6.951075377	-0.827008214	0.007967855	0.023927782	0.436584606	0.234879949	0.464215473	0.000135786	0.00262261
YGL02.21125.C1	5.799230814	-0.82704765	0.379225187	-0.960627241	0.36549904	-0.381014643	0.59958604	0.00224245	0.019033387
YGL02_GNYA1SO04IG818	8.944910915	-0.827062622	-0.41019351	-0.324642625	-0.554862754	0.286097172	0.636655615	0.000364758	0.005242549
YGL02_GNYA1SO04JHE3D	10.51974452	-0.82711243	-0.13234329	-0.666948382	-0.235986277	0.130430104	0.62544204	9.65E-05	0.002072489
YGL02.1102.C1	8.012958386	-0.827127509	0.109710558	-0.149225726	-0.25648525	0.110623345	0.550755399	1.86E-06	0.000149193
YGL02_GNYA1SO04ISZZ5	7.460929311	-0.82716632	-0.187620726	-0.052049003	0.060820338	0.067909939	-0.005443285	0.00309489	0.023973056
YGL02_GNYA1SO04H6Q5Z	6.583331638	-0.827371879	-0.189757502	-0.91795227	-0.568174422	-0.261918602	0.347698361	0.006372366	0.040336665
YGL02.15877.C1	8.445299365	-0.827392606	-0.190371663	-0.285710559	-0.067091909	0.497303643	0.404294318	5.81E-06	0.000306181
YGL02.4030.C2	8.328906795	-0.827457752	-0.030628391	-0.473199094	-0.132789494	-0.437766698	0.3367982	0.002574938	0.0210073
YGL02_GNYA1SO04IZHFY	6.08016176	-0.827752458	-0.399516556	0.07356914	0.067584	0.870126647	0.320064316	0.00816838	0.048206238
YGL02.8553.C1	8.412318169	-0.828040683	0.327877452	-0.218909839	0.016545393	0.260130431	0.65889676	4.02E-05	0.001124646
YGL02.2627.C1	10.02542045	-0.82813604	-0.118663523	-0.869887584	0.408504249	0.133146759	0.501991292	0.006401282	0.040466292
YGL02.16553.C1	11.65894528	-0.828248917	0.004790814	-0.235288575	0.525250694	0.176041959	0.290659614	0.002325061	0.019533558
YGL02_GNYA1SO04IP28H	7.618265289	-0.828263777	-0.213130797	-0.614683464	0.181713256	0.171731136	0.657799307	2.74E-05	0.000862565
YGL02.2012.C2	8.941482225	-0.828323662	0.024908976	-0.395096767	0.079165678	0.124183163	0.668753379	4.26E-06	0.000250386
YGL02.12743.C1	8.274582444	-0.828492852	-0.139022834	-0.713238372	0.195253001	0.239563004	0.597332202	4.84E-05	0.001275518
YGL02.1668.C1	7.931729999	-0.828598039	-0.103362902	-0.353669986	-0.625445545	0.041284761	0.485794057	0.000381229	0.005404899
YGL02_GNYA1SO04H30RG	6.348256157	-0.828689857	-0.011357695	-0.46018473	-0.083841644	0.186279631	0.698139718	0.001665584	0.015405418
YGL02_GNYA1SO04I7KRR	6.505243847	-0.828950459	-0.264906383	-0.846888071	0.379933793	-0.000131535	0.244465795	0.000522802	0.006733137
YGL02.4.C8	9.970268425	-0.829211496	-0.066130872	-0.280326084	0.653466071	0.107910293	0.235095903	0.000102941	0.002165291
YGL02.14284.C1	6.918568396	-0.829613485	-0.004077177	-0.148517683	0.068019097	0.214892249	0.645691625	0.000146819	0.002768177
YGL02.16530.C1	9.945672913	-0.829637414	0.067232789	-0.034884867	0.096005401	0.316979064	0.427836503	3.50E-08	1.48E-05
YGL02_GNYA1SO04IK3GU	14.14736621	-0.830033563	0.02181864	-0.304949903	-0.38901367	0.243709307	0.629378073	5.93E-05	0.001465053
YGL02.4074.C1	7.323934131	-0.830084065	0.224014175	-0.51785444	-0.450972523	-0.171551875	0.299583468	0.000596324	0.007401064
YGL02_GNYA1SO04JJOPY	7.282072357	-0.830086252	-0.542939516	-1.02957338	-0.609825006	0.461569145	0.352000231	0.007591964	0.045761624
YGL02.1413.C1	8.69612193	-0.830130209	-0.320063865	-0.540694145	0.135315554	-0.083240543	0.495468913	4.72E-05	0.001255171
YGL02.8501.C1	7.937069234	-0.830350707	-0.028232082	0.604144055	0.828083142	-0.077914763	-0.021435793	0.005390278	0.035785358
YGL02_GNYA1SO04I2Y5N	4.921374198	-0.830756598	3.716538801	-0.232879568	0.240924714	1.360786208	1.254844628	0.002681987	0.021632602
YGL02.9331.C1	8.646072785	-0.831069934	-0.147450926	-0.343253407	0.668829646	0.086943213	-0.000824968	0.004056756	0.029104321
YGL02.5690.C4	6.925240401	-0.831091288	0.311656316	-0.087517039	0.219840982	0.091728079	0.016321768	0.000465764	0.006215526
YGL02_GNYA1SO04IP50U	10.71389283	-0.831146896	-0.055848113	-0.359502217	0.424847986	0.10814308	0.056576653	0.007156384	0.043860867
YGL02_GNYA1SO04IGBNM	9.627328012	-0.831378175	-0.025628464	-0.451688207	-0.094747642	0.221209746	0.400347241	2.59E-05	0.000830063
YGL02.10417.C2	9.093222395	-0.831512286	-0.537879926	-0.992696949	-0.370093423	0.275451258	0.535468265	6.19E-05	0.001504578
YGL02_GNYA1SO04I7UID	10.46061789	-0.831801465	-0.091820863	-0.288403113	0.447718709	0.030976312	0.12436261	0.001908962	0.016980795
YGL02.15016.C1	7.84750803	-0.83182877	-0.344317172	-0.438822467	-0.249449996	0.431935393	0.813267626	9.47E-05	0.002045748
YGL02_GNYA1SO04JUV33	6.055680142	-0.831830624	-0.151559695	-0.353955281	0.401054126	0.242327563	0.324911752	0.005945506	0.038398851
YGL02_GNYA1SO04H7F8W	5.994769389	-0.83194358	0.276627717	-0.218643857	0.115917056	0.020922258	0.335301108	0.008192405	0.0483105
YGL02_GNYA1SO04H9JMP	10.00754773	-0.831972845	-0.589680733	-0.450484351	0.322904341	0.230241563	0.616552423	0.000343592	0.005032168
YGL02_GNYA1SO04ILITR	9.984789781	-0.831977745	-0.682200444	-0.900204442	0.035054847	0.323231169	0.024475744	2.51E-05	0.000811608
YGL02_GNYA1SO04JSIFY	11.76950471	-0.831986131	-0.084153699	-0.824030584	0.276589941	0.076593096	0.771636546	8.40E-06	0.000388789
YGL02_GNYA1SO04H7IGG	5.603633205	-0.832042525	0.474525272	0.498839685	0.301020491	-0.187823233	-0.053606607	4.99E-05	0.001300833
YGL02.931.C1	10.69872484	-0.832444165	-0.550223104	-0.320617801	-0.125065051	0.314747366	0.665368001	1.18E-05	0.000481228
YGL02_GNYA1SO04JA8GS	8.370861581	-0.83269398	0.032210737	0.027734816	0.119667723	0.300499676	0.390867714	1.77E-06	0.000144676
YGL02.4332.C1	8.974590333	-0.83299449	-0.046682331	0.004627995	0.151274275	0.432926498	0.386140501	0.000682413	0.008166623
YGL02.15502.C1	3.679006058	-0.833054835	-0.65411428	-0.717214254	-0.03122463	0.713074153	0.822295924	0.006693789	0.041779019
YGL02_GNYA1SO04IOS7F	8.012936876	-0.833349721	0.00741752	-0.23483206	0.27337419	0.23292178	-0.086895511	0.001536159	0.01455864
YGL02_GNYA1SO04I7UKX	6.074135715	-0.833386989	0.576483617	0.82421084	-0.027139018	0.114634149	0.465311595	0.002350952	0.019684674
YGL02.21767.C1	9.365087323	-0.833569921	-0.450337754	-0.580745371	-0.081508285	0.149557543	0.71395253	0.00057188	0.007192114
YGL02.22807.C1	9.003814369	-0.833699887	-1.444795731	-0.698404802	-0.012813777	0.095393791	0.076916172	0.000446365	0.006029767
YGL02_GNYA1SO04JFIG6	7.23073754	-0.833748846	0.0846665	-0.443166789	0.67819271	0.102933949	0.297773648	0.000711423	0.008411949
YGL02.14958.C1	6.608601523	-0.833852851	-0.137117838	-0.690358136	0.096204607	0.345431861	0.89748012	0.000525876	0.006764653
YGL02_GNYA1SO04JU1YK	9.968116045	-0.833964571	-0.117791651	-0.752350014	-0.02924396	0.240757272	0.690424484	1.04E-05	0.000444637
YGL02_GNYA1SO04JIG3X	9.502307367	-0.834061337	-0.125393624	-0.516283476	0.144564769	0.133588523	0.468944725	0.002668475	0.021551352
YGL02.13750.C1	9.904567677	-0.834323767	-0.003342758	-0.405156091	-0.003801444	0.059927692	0.543075501	7.08E-06	0.000347157
YGL02.656.C3	8.973220587	-0.834378959	-0.452719781	-0.771631334	-0.128232579	-0.045102202	0.23081616	0.000578481	0.007248792
YGL02.11229.C2	7.556987812	-0.834668459	0.076987044	0.47836168	-0.228984859	0.081717906	0.371784114	0.00235404	0.019702884
YGL02.2094.C1	6.734229106	-0.83552059	-0.203823239	-0.716460431	0.177921958	0.231799959	1.10987195	0.00026889	0.004233002
YGL02_GNYA1SO04H5R6R	8.273222981	-0.835617608	-0.072970834	-0.293521361	0.173021585	0.092199354	-0.032321751	0.000239171	0.003892926
YGL02_GNYA1SO04IQ1HJ	6.950392395	-0.836251172	-0.325267539	-0.584187261	0.055942944	0.651302102	0.534511455	0.000606166	0.007488758
YGL02_GNYA1SO04JEYUU	8.987182973	-0.836265604	-0.189373306	-0.743155153	0.092201572	0.058760782	0.474804696	1.62E-05	0.000598833
YGL02_GNYA1SO04I7YUL	7.229689748	-0.836272305	-0.049704843	-0.446163063	0.137944816	0.060237351	-0.150142944	0.000329767	0.004892215
YGL02_GNYA1SO04IEZPU	7.391646323	-0.836275199	0.059232767	0.001006756	0.186137345	-0.0615367	0.481516084	0.000229828	0.003781727
YGL02_GNYA1SO04JC35W	9.337849607	-0.836329628	-0.301130176	-0.137145212	0.147677231	0.406584427	0.357419384	4.86E-05	0.001280204
YGL02.7904.C1	3.774606517	-0.836356473	-0.684804543	-0.527736177	-0.075501626	0.715859053	0.564832786	0.000100164	0.002126917
YGL02_GNYA1SO04IL030	7.969455235	-0.836425877	-0.10900118	-0.531490113	0.440137761	0.31818016	0.312925612	8.72E-05	0.001929224
YGL02.3486.C1	8.67589617	-0.8365265	-0.216715695	-0.817138083	0.069546762	-0.029579312	0.783864067	0.000647154	0.007860161
YGL02_GNYA1SO04IR7HM	9.453427254	-0.836773626	0.447568557	-0.534926205	0.339634889	0.197580539	1.034599527	0.004734249	0.032558412
YGL02_GNYA1SO04IPPOF	6.503254037	-0.83688899	-1.157076299	-0.894866815	-0.862052543	1.051805187	1.016187404	0.006457709	0.040723603
YGL02_GNYA1SO04IMID2	11.63291632	-0.836932349	-0.227475962	-0.687538338	0.029198916	0.459637805	0.672645421	5.90E-07	7.16E-05
YGL02_GNYA1SO04I0IXA	8.516965192	-0.836987372	-0.510981309	-0.443611983	0.180344107	0.128486231	0.40594826	4.95E-06	0.000275852
YGL02.2142.C1	5.747344581	-0.837223973	0.677072994	0.549453661	-0.221432927	0.164626132	0.783733531	0.000241397	0.003915526
YGL02.16308.C2	6.77524154	-0.837523893	-0.793775516	-0.095126438	0.067867956	0.786901221	0.716787485	0.008607824	0.049998936
YGL02.23628.C1	5.487992361	-0.83758304	-0.054389461	-0.058437205	0.074152619	0.227240596	0.480108087	1.85E-05	0.000655954
YGL02.1367.C2	7.424350046	-0.837680355	0.012170361	0.044523974	0.067673865	0.385976803	0.558832394	0.000151372	0.002824948
YGL02.19457.C1	4.157323148	-0.837717753	0.355394168	-0.028041812	-0.412133123	-0.281120786	0.195100377	0.003786803	0.027673969
YGL02.23463.C1	8.88689936	-0.837720909	0.151972181	-0.149171756	0.819686181	0.16806428	0.064758415	0.000457914	0.00614178
YGL02.1585.C1	7.865751237	-0.838047122	0.262639915	0.038717933	0.551435165	-0.101792795	0.363994139	0.000481845	0.00636064
YGL02.16927.C1	6.302972103	-0.838139144	0.087847889	-0.201318378	0.411417049	-0.16436221	-0.148381262	0.002895118	0.022859061
YGL02.8296.C1	6.841195668	-0.8381919	-0.75070176	-0.591122854	-0.063318628	0.732576802	0.811191177	0.007103404	0.043606539
YGL02.16675.C1	8.133637957	-0.838246651	-0.150525269	-0.324908409	-0.346968099	0.37853271	0.472584478	3.07E-05	0.000934455
YGL02.6899.C1	7.082107729	-0.838412476	-0.079368188	-0.285509705	0.663121493	0.078981316	-0.010267009	0.000437319	0.005937493
YGL02_GNYA1SO04IW9E9	8.198129298	-0.838419191	0.43144179	-0.177402454	-0.078070344	0.309445768	0.835241085	2.54E-05	0.00081772
YGL02.20449.C1	5.734408936	-0.838435649	-0.03483305	-0.961935611	-0.640114842	-0.254942916	0.95611241	0.008241825	0.048500037
YGL02.2063.C2	4.841985939	-0.838619309	-0.329091757	-0.476693329	0.28551922	0.265047781	0.650072913	0.005414321	0.035904484
YGL02.572.C1	5.898685435	-0.83871988	-0.289134244	-0.134866191	-0.554923657	0.561803729	0.878087284	0.005287721	0.035299946

YGL02_GNYA1SO04JMCYO	7.149766227	-0.838932127	-0.196560234	-0.668473141	0.169843949	0.393600313	1.046015445	0.001307736	0.01296162
YGL02.13909.C1	5.857631811	-0.839095376	0.096362448	0.533438022	-0.113896326	-0.005475508	0.577107219	0.003026889	0.023587402
YGL02_GNYA1SO04JUFLC	7.737404066	-0.839302266	-0.06968284	-0.28173503	-0.18423545	0.454313469	0.734406995	0.000827121	0.009375133
YGL02.13980.C1	6.390180997	-0.839392632	0.120896588	0.017690556	-0.13376215	-0.04111241	0.401375455	0.00213873	0.018389273
YGL02_GNYA1SO04IVH9W	9.059894915	-0.839426519	-0.233868814	-0.81567857	-0.011339098	0.06549712	0.459922377	1.00E-05	0.000434342
YGL02.17374.C1	8.223644761	-0.839599888	-0.074848044	-0.189024716	-0.360744137	0.310416491	0.308875023	0.004476903	0.031236486
YGL02_GNYA1SO04H92ZR	7.971988066	-0.839963079	-0.029355296	-0.034032097	-0.64784027	0.133166501	0.192137342	0.000599032	0.007422624
YGL02_GNYA1SO04I6AHK	7.320436282	-0.840053306	0.45595238	0.278309818	0.383451588	-0.057463587	0.91056769	2.93E-06	0.000197015
YGL02.22719.C1	6.089503739	-0.840084462	0.320567686	-0.149328496	-0.422384957	0.103613809	0.54088366	0.005788294	0.03768558
YGL02_GNYA1SO04IH2P2	6.926094647	-0.840658134	0.001077265	-0.143521827	-0.147595679	-0.00731026	0.234258705	0.001351022	0.01325713
YGL02.1283.C2	9.394828404	-0.84074734	-0.21123921	-0.289899553	0.258509266	0.165185899	0.431825247	6.54E-06	0.000330029
YGL02_GNYA1SO04H9I5P	8.504329105	-0.840891426	-0.166970153	-0.207377438	0.022445801	0.409659379	0.523063758	0.000158271	0.002912164
YGL02_GNYA1SO04I7JHX	12.37402774	-0.841169242	-0.071123214	-0.521600419	-0.329099626	0.211448924	0.566802823	0.000123801	0.002461323
YGL02_GNYA1SO04H6JBD	7.833559348	-0.841564168	-0.064052578	-0.34201721	-0.093310222	0.09460121	0.025220968	0.000199809	0.003429189
YGL02_GNYA1SO04IKJ13	6.175937952	-0.841681726	0.315035489	-0.19738399	0.656422027	-0.059966347	0.291695732	0.005257727	0.035171367
YGL02.1669.C21	6.752670439	-0.841698583	-0.504323257	-0.702734689	0.057250083	0.264939115	0.252565162	5.35E-05	0.001363715
YGL02.5050.C3	9.249771905	-0.841738405	-0.418357018	-0.822698736	-0.002823686	0.137944917	0.54748473	5.02E-07	6.46E-05
YGL02.15673.C1	6.90071131	-0.841905689	0.203233469	0.042505964	-0.261310679	0.066495148	0.485383707	0.000212815	0.003582477
YGL02.14036.C1	7.473177996	-0.842025048	-0.065469423	-0.366369613	0.573708319	0.003598996	0.465556784	8.89E-06	0.000402659
YGL02.2426.C1	6.569490662	-0.842199943	-0.190274494	-0.569084459	0.609854623	-0.202076662	-0.038503126	0.000659843	0.007967947
YGL02_GNYA1SO04IOHJF	9.98929718	-0.842362419	-0.185841443	-0.320591252	0.812912922	0.009464003	-0.089951925	0.003453671	0.025900092
YGL02.12609.C1	8.0090283	-0.842752945	-0.093870454	-0.547627261	-0.043739032	0.2046443	0.848352571	3.86E-05	0.001096508
YGL02_GNYA1SO04IA5F1	6.216145103	-0.842909882	0.008089267	-0.458272245	0.506706888	0.137375798	0.160496927	0.001832088	0.016499851
YGL02_GNYA1SO04IYXVC	10.34745712	-0.842984227	-0.229283324	-0.899265495	0.088553193	-0.001890909	0.642597248	3.63E-06	0.000226598
YGL02.9513.C1	8.88120154	-0.843322997	-0.035682922	-0.226200402	-0.001590326	0.241819659	0.30137281	2.48E-05	0.000803722
YGL02.707.C2	6.730295807	-0.843528035	-0.197690059	-0.642157892	0.016230393	-0.158545004	0.52796293	0.000491591	0.006446568
YGL02.16726.C1	3.621250153	-0.843619907	-0.511403233	-0.610909484	0.208887353	0.684996662	0.8556483	0.001147553	0.011816607
YGL02_GNYA1SO04IVLVM	8.275437114	-0.84368552	0.204520831	-0.832278525	0.04484058	0.108671913	0.6625886	0.001117785	0.011587474
YGL02_GNYA1SO04IM36V	7.515324062	-0.843763291	-0.977264685	-1.075954215	0.102660778	0.322528972	0.63408815	0.001600649	0.014980168
YGL02_GNYA1SO04ICIFT	7.021674003	-0.844064865	0.022395474	-0.17207131	0.728302374	0.203576347	0.045032202	0.002048934	0.017835083
YGL02_GNYA1SO04JR6W5	9.456865526	-0.844162928	0.578872678	0.439809153	-0.351613108	0.230665482	0.425538321	0.002177506	0.018636766
YGL02.11801.C1	6.96384874	-0.84426694	-0.741068753	-0.539286981	0.013310219	0.543498196	0.449080411	0.007870287	0.04696217
YGL02_GNYA1SO04H1DUP	7.104150335	-0.844633637	-0.020686911	-0.436730343	0.378951714	0.140562858	0.45011111	0.00470363	0.032414976
YGL02_GNYA1SO04I14UX	7.805238677	-0.844712534	-0.355340751	-0.207176194	-0.005768302	0.087961633	-0.045442836	0.003670098	0.027057844
YGL02.14258.C1	7.122168234	-0.844871357	-0.066986299	-0.398158341	-0.055851278	0.290091588	0.669762694	0.000474301	0.006289259
YGL02_GNYA1SO04JUBGI	10.61977891	-0.844938251	0.057217077	-0.228629735	-0.364545049	-0.006560638	0.115474136	2.20E-06	0.000165452
YGL02_GNYA1SO04I7EB1	11.84339268	-0.844954101	-0.15821773	0.058504104	0.06121501	-0.124587483	0.211708881	0.001436628	0.013868075
YGL02_GNYA1SO04I7OM6	7.271086835	-0.845100776	-0.047875948	-0.263910811	0.047765328	0.235574864	0.479551194	0.001361602	0.01333266
YGL02.10047.C1	7.533436721	-0.845190047	0.095282228	-0.30550076	-0.328179316	0.163328858	0.645467153	3.78E-05	0.001079686
YGL02.20820.C1	9.796362229	-0.845477871	-0.211065724	-0.648014137	-0.032478437	0.270701802	0.492964092	9.35E-06	0.00041572
YGL02.21017.C1	4.53867176	-0.845553897	-0.499501029	-1.095398823	-0.002302713	0.445312587	1.095325393	0.002052181	0.017848943
YGL02_GNYA1SO04IZ9M5	8.743027788	-0.846270284	-0.101810499	-1.360744445	0.036037791	0.470841189	0.331968047	0.000340827	0.005004126
YGL02_GNYA1SO04ILC03	7.144789981	-0.84649541	-0.126906901	-0.961950556	0.717268554	-0.178762064	0.752564254	0.000480361	0.006345582
YGL02.20905.C1	5.744811213	-0.846685061	-0.241007243	-0.549107439	0.217975481	0.281640046	0.435012955	0.001403352	0.013629145
YGL02.12170.C1	7.110977917	-0.846723239	-0.964112872	-1.409455346	-0.171731669	0.058178013	0.670360572	0.000403397	0.005627382
YGL02.6253.C1	8.29347725	-0.846889268	-0.557174335	-0.720353894	-0.277747151	0.364311194	0.474036181	1.45E-05	0.000556616
YGL02_GNYA1SO04IC6HW	7.985294049	-0.846954812	-0.087711189	-0.559495872	-0.077204825	-0.114239176	0.579287444	0.000934474	0.010220098
YGL02_GNYA1SO04JRJOO	8.866064739	-0.847401016	-0.081933649	-0.639597522	-0.627218632	-0.072954892	0.726005876	8.34E-05	0.001869058
YGL02.138.C1	7.023536431	-0.847466419	-0.081913094	0.040061066	-0.404398537	0.147997928	0.141876521	0.004669261	0.032220991
YGL02.1683.C1	7.406922292	-0.847708699	-0.354831893	-0.273024714	0.101783129	0.35515484	0.725554835	0.000329065	0.00488347
YGL02_GNYA1SO04JKK8C	3.732910639	-0.848758895	-1.068536106	-0.927129807	0.155992156	0.866644603	0.813619531	0.003940355	0.028463622
YGL02.7939.C1	10.52974561	-0.849015014	0.412743774	0.26340066	-0.093315016	0.410550129	0.705737278	0.001462856	0.014051084
YGL02.11397.C1	7.316346941	-0.849072524	-0.442417296	-1.031327561	0.464439676	0.081071333	0.761130988	0.000532036	0.006825426
YGL02_GNYA1SO04H5PP5	7.105384239	-0.849265809	-0.391611113	-0.501469759	0.173717202	0.460477022	0.183576731	0.000651892	0.007901308
YGL02.7667.C3	4.100133074	-0.84938621	0.298477401	-0.017961267	0.510274842	-0.30468119	-0.258492078	0.007321831	0.044582613
YGL02.3626.C4	6.482039428	-0.849612821	-0.127224026	-0.384290662	-0.047133223	0.447388891	0.8311711	0.000700293	0.008315272
YGL02.12397.C1	6.375829641	-0.849671769	-0.140346475	-0.374978952	-0.01430508	0.318022021	0.510913144	0.000222148	0.003696709
YGL02_GNYA1SO04I9VC2	10.00651894	-0.850020558	-0.899683666	-0.792215074	-0.027369813	0.730114378	0.771265212	0.000359852	0.005193942
YGL02.3464.C2	8.737251679	-0.850203731	-0.426527289	-1.069297621	0.073474368	0.126572224	0.37493815	9.76E-05	0.002086341
YGL02_GNYA1SO04JJKYI	6.840991114	-0.850330949	0.812575133	0.345553619	-0.326223785	0.411313123	1.188818805	0.000873154	0.009739152
YGL02_GNYA1SO04IBT9H	6.935602422	-0.850374429	-0.034183492	-0.265207686	1.230340345	0.185883575	0.161317772	0.005528968	0.036455174
YGL02_GNYA1SO04ICXKD	8.582739549	-0.850644283	-0.006037143	-0.26815258	-0.014617947	0.026794051	0.196096174	0.004045398	0.029043165
YGL02_GNYA1SO04I6ZQN	8.993511281	-0.850723838	-0.290026485	-0.466454823	0.586096852	0.086827861	0.014442932	8.60E-05	0.001907648
YGL02_GNYA1SO04IQ57P	7.466151581	-0.851113676	-0.295752448	-0.606078572	0.202640152	0.194991228	0.93768949	0.00014194	0.002704663
YGL02.11660.C1	7.86580203	-0.851157373	-0.077868842	-0.390575648	-0.164287249	0.33229525	0.69453686	1.25E-06	0.00011651
YGL02_GNYA1SO04IM7P3	6.397676683	-0.851272197	-0.319092801	-0.273654903	-0.284789303	0.778121897	0.538495477	0.003360761	0.025415139
YGL02.1792.C2	12.11391943	-0.851792855	-0.016026993	-0.025600918	-0.198723064	0.055168032	0.387637213	0.000595133	0.007390524
YGL02.10398.C1	7.048351507	-0.852005977	-0.071083611	-0.222113098	0.213761962	0.243474024	0.452628275	0.000104312	0.00218429
YGL02_GNYA1SO04I9LAQ	7.840625504	-0.852019734	-0.206006333	-0.455995074	0.44546212	0.08963983	0.322689229	0.003705895	0.027237944
YGL02_GNYA1SO04JVWDM	6.181191948	-0.852129214	0.557695347	0.051842842	-0.121481012	-0.079604741	0.699168059	0.001473431	0.014119139
YGL02.22973.C1	7.666695699	-0.852408949	0.039230051	0.092072786	-0.032998833	0.157446074	0.403114309	4.11E-07	5.71E-05
YGL02.2117.C3	9.324073773	-0.852503595	-0.444444194	-0.47862073	0.100282903	0.177882547	0.673569892	0.000110307	0.002272801
YGL02.21238.C1	10.36248065	-0.852616275	-0.082719252	-0.3545012	-0.052875187	0.256925978	0.708029546	7.20E-06	0.000350598
YGL02.21841.C1	6.915435106	-0.852662416	-0.03565039	-0.293309426	0.337109685	0.201459731	0.458831737	0.00018587	0.003256188
YGL02_GNYA1SO04H29UD	9.549934153	-0.852890354	-0.27662448	-0.464328893	-0.283783976	0.267016429	0.618920857	9.56E-05	0.002059336
YGL02_GNYA1SO04JR0PB	7.320958512	-0.853021228	-0.089779806	-0.720785519	0.469954505	0.263424543	0.767269389	0.002581318	0.021043305
YGL02.15491.C1	8.036156667	-0.853075742	0.272031249	-0.631132373	-0.271794946	0.023010743	0.450104409	0.003809119	0.027779053
YGL02_GNYA1SO04IWAXY	10.40086712	-0.853266389	-0.038203079	-0.406802868	0.259147004	0.179686348	0.109551831	0.004300384	0.030349902
YGL02.4057.C1	9.805542276	-0.853285585	-0.300098845	-0.150370148	-0.215604232	0.306051489	0.551898652	5.01E-05	0.001305307
YGL02.15417.C1	5.613655094	-0.853389759	-0.713419939	-0.945797501	-0.069496953	0.772325186	0.828726398	0.000558978	0.007074517
YGL02.16729.C1	6.010140488	-0.85348057	0.566549752	-0.203420153	0.044391498	0.252312236	0.508167724	7.87E-05	0.001793575
YGL02.13458.C1	8.818871619	-0.853652347	-0.145418165	-0.338608787	0.724252625	0.418049794	0.411682877	0.000498482	0.006504671
YGL02.6450.C1	8.746803133	-0.854140002	-0.149901295	-0.276654953	-0.218694903	0.215708186	0.658862521	6.16E-07	7.37E-05
YGL02.10199.C2	6.10180423	-0.854351864	0.199433894	0.069701439	0.346696737	-0.019601602	0.18865465	0.001385213	0.013497523
YGL02.4664.C4	11.33336619	-0.854605752	-0.084945343	-0.340799217	0.498517002	0.057005972	0.021988688	0.001914419	0.017021155
YGL02_GNYA1SO04JRBBJ	7.633825942	-0.854608082	-0.287824046	0.37218641	0.982571532	0.567818252	0.378614128	0.005782127	0.037670468
YGL02.14445.C1	4.198217729	-0.854647534	0.435849591	0.143133713	-0.022485872	0.376889027	0.966178934	0.005961177	0.038467181
YGL02_GNYA1SO04I71M7	8.991266447	-0.854684935	-0.502105461	-0.336648901	2.700614577	0.170686912	0.69020398	0.006708276	0.041837173
YGL02_GNYA1SO04IK6MS	9.430991298	-0.854748907	-0.604611122	-1.061683539	-0.314091007	0.273856139	0.386178395	2.36E-05	0.000776318
YGL02.11558.C1	7.456826956	-0.854749308	-0.991780992	-0.620935575	-0.130477163	0.50940281	0.273239096	2.92E-05	0.000903982

YGL02.12254.C1	8.724874296	-0.855014862	-0.541936241	-0.640250239	0.233178869	0.148194696	0.576885649	0.000638849	0.007785579
YGL02.4867.C3	12.45017138	-0.855135944	-0.397744966	-0.798677057	-0.091240903	-0.054474787	0.380746702	4.14E-06	0.000246672
YGL02_GNYA1SO04IACH6	6.350083962	-0.855199909	-0.312058569	-0.834224659	-0.014902249	0.376400505	0.693121743	0.002141236	0.018399826
YGL02.3755.C1	6.875043964	-0.855247204	0.019798446	-0.508868728	0.187132677	0.284064589	0.454233076	0.000332178	0.004916862
YGL02.5813.C1	12.2852344	-0.855406166	-0.396888014	-0.663742617	0.0129076	0.210162571	0.824056902	0.000474251	0.006289238
YGL02_GNYA1SO04II51G	8.738698831	-0.855421694	-1.037122176	-0.830986553	-0.143921551	0.251891062	0.83812583	0.001450091	0.013969919
YGL02_GNYA1SO04H89JZ	10.71753764	-0.855552997	-0.093957325	-0.56774509	0.021486693	0.235280052	0.714226443	0.000297567	0.004548994
YGL02_GNYA1SO04ILKJN	6.084742067	-0.855694243	-0.6564556	-0.424474771	0.232620381	0.183689443	0.134389138	0.004126935	0.029472804
YGL02_GNYA1SO04JMMRO	7.270138462	-0.855721049	-0.121504918	-0.425224126	0.135274049	0.513318805	0.788345569	0.000416193	0.005748302
YGL02.13085.C2	9.540654332	-0.855966652	-0.246196226	-0.306061788	0.07062888	0.451684022	0.79863808	0.000543956	0.00694043
YGL02_GNYA1SO04JJJ44	9.894031317	-0.856054265	-0.179776574	-1.003976657	0.086470136	0.01120646	0.308147909	1.49E-05	0.000564209
YGL02_GNYA1SO04JPWC7	8.092537145	-0.856823114	-0.342393458	-0.461006801	0.057841112	-0.264008132	0.593428723	1.32E-05	0.000517832
YGL02.6355.C1	7.484297711	-0.856999258	-0.00125969	-0.551135558	-0.285588984	-0.053999624	1.000987412	0.000583404	0.007289222
YGL02_GNYA1SO04JPEVO	7.254689644	-0.857042656	0.045617859	-0.453311212	0.024149135	0.419457652	0.840897492	0.002283178	0.019284432
YGL02_GNYA1SO04JAPIX	8.118486316	-0.857058855	-0.365541226	-1.009233518	0.373291484	0.030220568	-0.000785559	0.001231231	0.012413717
YGL02.12598.C1	7.070249934	-0.857113753	0.906274756	0.401454596	0.328556326	0.191542556	0.206696736	0.001249119	0.012540364
YGL02_GNYA1SO04H1QZA	9.483244857	-0.857193333	-0.340402318	-0.749624926	-0.072541546	0.268010539	0.955805587	1.42E-06	0.000125721
YGL02.17066.C1	6.053049315	-0.85768913	0.102609641	-0.252719131	0.103867255	-0.342248947	0.144223711	0.002207159	0.018813875
YGL02_GNYA1SO04I475Z	7.48248493	-0.857751005	-0.127850109	-0.480420633	0.023163278	0.016456178	0.52072822	9.34E-05	0.002026731
YGL02_GNYA1SO04IDZBG	8.758091371	-0.857788793	-0.381548892	-0.892465202	0.005754931	0.132419433	0.634004206	0.001611304	0.015052691
YGL02_GNYA1SO04I876E	7.457337974	-0.85780605	-0.209820202	-0.432880712	0.233252666	0.242928694	0.478528413	0.00293737	0.023077295
YGL02_GNYA1SO04JQPJL	7.04079989	-0.858031036	0.326430666	-0.410208527	0.337051703	-0.172972412	0.499945832	0.000117023	0.002361569
YGL02_GNYA1SO04H7AJ3	8.733720604	-0.858067872	-0.036344188	-0.213334559	0.207057764	0.020443174	0.260485448	0.002173564	0.018614624
YGL02.4048.C6	8.447714457	-0.858457272	0.074835528	0.097924842	-0.468904328	0.266975732	0.586408937	0.000105946	0.002206809
YGL02.18829.C1	4.092688138	-0.858505065	-0.431677423	-0.882078771	-0.110813314	0.318724709	0.703348483	0.001822351	0.016439602
YGL02.5938.C3	6.128995098	-0.858521466	-0.740159244	-0.923814878	0.18033798	-0.280564433	0.784874612	4.20E-05	0.001157665
YGL02_GNYA1SO04JSFIO	7.149240916	-0.858577046	0.04666904	0.049585337	-0.162777656	0.402768408	0.586741608	0.00017345	0.003105691
YGL02.7495.C1	4.047181133	-0.858621953	-1.101199016	-0.911647826	0.010197945	0.961088675	0.610593267	0.00061876	0.007603724
YGL02_GNYA1SO04H5A96	6.681882289	-0.858771692	0.042155147	-0.260206215	-0.12523542	0.379297703	0.702993206	0.001544331	0.0146179
YGL02.19209.C1	6.86228972	-0.858806575	-0.091628192	-0.116061473	0.839410549	0.245001187	-0.001077885	0.001777413	0.016152354
YGL02.21317.C1	7.709851605	-0.859494645	-0.309586235	-1.169195296	0.207690172	0.368169826	0.671288225	3.59E-05	0.001043861
YGL02.5115.C1	6.670162605	-0.859761466	-0.155709439	-0.337507133	0.8171671	-0.07984011	0.524447753	0.003309851	0.025137438
YGL02_GNYA1SO04H3XS4	7.640364196	-0.859947344	0.052659255	-0.7002075	-1.016649041	0.453343645	1.157467684	0.000163764	0.002977596
YGL02_GNYA1SO04JC790	9.516533221	-0.860314797	-0.144458546	-0.330739449	-0.139141638	0.292569445	0.366284067	4.91E-05	0.00128655
YGL02_GNYA1SO04JPISE	8.02583298	-0.860399291	0.006544956	-0.607597109	0.041474971	-0.068178374	0.76978647	0.001022499	0.010877465
YGL02_GNYA1SO04IEUO3	9.072475926	-0.860452725	-0.160114456	-0.407684468	-0.396337214	0.073651552	0.599378182	1.92E-05	0.000675708
YGL02.6190.C1	6.747439917	-0.860999989	0.713253836	-0.421667397	-0.415709811	-0.209854421	1.102134624	6.11E-05	0.001493824
YGL02.23068.C1	6.944732223	-0.861309563	-0.007133587	-0.176468361	0.522697921	-0.045021426	-0.023279363	0.001734806	0.015877156
YGL02.5773.C3	6.415549389	-0.861850726	0.231225192	-0.414410118	0.254396355	0.257519827	0.411403064	0.002275678	0.019239759
YGL02.3446.C1	12.17633421	-0.8619521	0.022875477	-0.640583461	-0.186561928	-0.005775772	1.063506642	2.11E-05	0.000721522
YGL02.14945.C1	8.714668838	-0.861995049	-0.5150782	-0.916438128	-0.024678079	0.299922736	0.602277315	9.86E-07	9.98E-05
YGL02.11969.C1	8.166926353	-0.862130699	-0.194761362	-0.794806547	0.091364646	0.190348004	0.800716184	1.22E-05	0.000490815
YGL02_GNYA1SO04IIDRB	8.779965181	-0.862499963	-0.079641718	-0.275679216	0.465846721	0.216705494	0.116465397	0.000760423	0.008832464
YGL02.4033.C1	7.976748507	-0.862503379	0.258946772	-0.556531715	0.232129107	-0.115563533	0.604518642	3.09E-06	0.000203561
YGL02.4100.C1	11.63230153	-0.862506415	0.073945915	-0.315877715	-0.418772155	0.312629524	0.592422691	4.28E-06	0.000251145
YGL02.11335.C2	6.999760818	-0.862623449	-0.442302414	-0.855732009	0.477944113	0.196271464	0.850007196	0.001196453	0.012162499
YGL02.9456.C1	8.512611509	-0.862666509	-0.125125214	-1.394565251	-0.104491054	-0.032081003	0.607420258	0.00103219	0.010961929
YGL02_GNYA1SO04I6XV1	8.158949565	-0.862819443	-0.059726108	-0.490504823	0.203023047	-0.130279268	0.713416422	6.29E-07	7.47E-05
YGL02.606.C2	8.61630488	-0.862942932	-0.025926225	-0.32432879	-0.424582643	0.23064264	0.644663726	2.58E-05	0.000828424
YGL02.645.C1	7.448154063	-0.863121183	-0.963494625	-1.000083818	0.1294071	0.652469664	0.577240441	2.91E-05	0.00090282
YGL02_GNYA1SO04IIQTR	9.646177044	-0.863149403	0.025091537	0.058036987	-0.370396792	-0.047228911	0.476530747	1.92E-05	0.000675073
YGL02_GNYA1SO04JFQVE	8.548982128	-0.863366645	0.190061928	0.157374374	0.281944938	0.136299071	0.235394216	0.000106939	0.002223215
YGL02_GNYA1SO04IA8EY	4.618099726	-0.863380923	0.106648017	0.115952657	0.763455769	0.118031072	0.711445859	0.003608732	0.026742593
YGL02.19037.C1	5.052803344	-0.863552562	0.056801769	-0.251364465	0.288752553	0.088650844	0.457918238	6.19E-05	0.001505398
YGL02.17664.C1	3.891194202	-0.86395796	-0.649406464	-0.633807754	-0.231699774	0.668780162	0.731569493	0.008385478	0.049091367
YGL02_GNYA1SO04JP87L	10.29398136	-0.864002627	-0.260918981	-0.444727968	-0.100769276	0.085989172	-0.160581466	3.26E-06	0.000211019
YGL02_GNYA1SO04IM033	7.194463361	-0.864294983	0.212246862	-0.306716435	-0.598209385	0.191298586	0.16514789	0.00309441	0.023973056
YGL02.12723.C2	4.351558458	-0.864307175	-0.068232252	-0.02284715	0.562937194	-0.008055285	0.039754129	0.003257739	0.02486122
YGL02.7296.C1	5.359596259	-0.864398045	-0.220498651	-1.205372195	0.869920022	0.185285096	1.51392544	0.004184659	0.029760243
YGL02.3127.C1	8.540065852	-0.86493293	-0.233777424	0.021632097	0.137449746	0.253975461	0.877820392	2.93E-05	0.000904798
YGL02.5676.C3	10.22675062	-0.86505997	-0.007197985	-0.135568653	-0.086949957	0.173127208	0.364879087	4.52E-06	0.000259432
YGL02.3712.C1	7.894932188	-0.865086423	-0.075245753	-0.13189585	0.117291396	0.315000308	0.565683371	6.28E-06	0.000320887
YGL02_GNYA1SO04JJ1KL	7.412402301	-0.865303719	0.047345249	-0.098426022	-0.287904616	-0.072309732	0.243916113	0.006978963	0.043001399
YGL02.1027.C1	7.8061653	-0.865425809	-0.034022357	-0.176934266	0.114206315	0.316387252	0.874333046	0.000159228	0.002922283
YGL02_GNYA1SO04JWG5W	9.354147745	-0.86546315	0.021460095	-0.757869088	0.152241088	-0.194639802	0.006689046	1.73E-05	0.00062466
YGL02.87.C2	6.42253526	-0.865802849	0.108042197	-0.531403652	0.164909714	0.155010793	0.583551505	0.000197622	0.003402242
YGL02_GNYA1SO04JCHD3	7.513610199	-0.865906802	-0.354837522	-0.394880574	0.159201388	0.567461772	0.636137563	4.31E-05	0.001179136
YGL02.479.C54	10.42894249	-0.866091514	0.568781186	0.72033538	-0.422863329	-0.204985413	0.100568467	1.11E-05	0.000465005
YGL02.11008.C1	12.87782502	-0.866206744	-0.012968672	-0.260289702	0.044944897	0.205566474	0.910126153	1.89E-06	0.000150888
YGL02_GNYA1SO04IRRB2	7.430511937	-0.866318544	-0.841335241	-1.014888693	0.403296607	0.498300232	0.54421538	0.006866741	0.04250815
YGL02.18791.C1	6.033379838	-0.866467915	-0.162150252	-0.965619066	0.248062292	0.167215442	1.004582748	7.74E-05	0.00177034
YGL02.12448.C1	7.764836847	-0.866649397	-0.012684366	-0.434841519	-0.15536251	0.148908216	0.550229926	0.000107228	0.002227077
YGL02.2196.C1	7.912044364	-0.86708676	-0.589950299	-0.729708308	-0.262876631	0.107969424	0.287987736	0.000559606	0.007080385
YGL02_GNYA1SO04JGH3R	6.57423389	-0.867090427	-0.109989914	-1.016885563	0.467647654	0.188218208	0.493046703	0.00170545	0.015683286
YGL02.3747.C2	7.793208315	-0.867135563	-0.072986138	-0.483829463	-0.271461582	0.32726721	0.3953882	0.003329756	0.02523829
YGL02_GNYA1SO04JB9CZ	6.328051788	-0.867176923	-0.491633343	-1.504526849	0.209491468	-0.270866988	0.534952382	0.007995048	0.047481825
YGL02_GNYA1SO04IXIMY	5.961734821	-0.867382772	-0.088272615	-0.431633914	0.102668246	0.686194465	0.220720184	0.004279716	0.030246899
YGL02.616.C1	8.329854413	-0.867708649	-0.029519537	-0.275920678	0.014306092	0.185385644	0.465758714	6.29E-05	0.00152312
YGL02_GNYA1SO04JJRI8	8.14001968	-0.867777068	-0.123405307	-0.232863481	-0.009256231	0.14786159	0.188061688	0.002348357	0.019670574
YGL02.18030.C1	11.18173482	-0.867917995	-0.163615068	-0.25498845	-0.014969959	0.190808802	0.327645167	1.17E-05	0.000477889
YGL02_GNYA1SO04JCQH5	11.69723872	-0.86793175	-0.05703084	-0.372581428	0.588171701	0.071175606	0.164145743	0.000378238	0.005374252
YGL02.1755.C2	3.8523575	-0.867960309	-0.498080081	-0.808016202	0.306011475	0.290658414	0.99864746	0.006634973	0.041509953
YGL02_GNYA1SO04IZZ49	5.439441123	-0.868267566	0.208182975	-0.09067308	0.248933629	0.108232181	0.523829726	0.008078751	0.047838713
YGL02.10159.C3	3.56654626	-0.868329329	-0.829787892	-0.489272836	0.271749345	0.731915167	0.477140742	0.005297136	0.035353684
YGL02_GNYA1SO04JIG92	6.071278078	-0.868462265	-0.629165243	-0.628420952	0.252483423	0.745458183	0.855308839	0.002872373	0.022732138
YGL02.20509.C1	6.822006092	-0.868777343	0.064415797	-0.322217485	0.178416579	0.128565847	0.517815185	0.004994697	0.033869959
YGL02.4362.C1	8.534043435	-0.868844945	-0.156813072	-1.517991789	-0.013146701	-0.341634495	0.390153324	0.0009141	0.010064102
YGL02_GNYA1SO04I55HY	7.887517741	-0.86898373	0.006832658	-0.444376986	-0.025379217	0.063547691	0.212241199	0.00155131	0.014665874
YGL02_GNYA1SO04I1L3F	7.887939803	-0.869069037	-0.071274875	-0.491932038	-0.139393111	0.427337689	0.80418882	0.000648076	0.007866928
YGL02.4900.C1	7.913896912	-0.869525858	-0.38641204	-0.78882312	0.235201017	0.121096571	0.896568277	7.81E-06	0.000369914

YGL02_GNYA1SO04IRC75	8.925871202	-0.869749997	-0.18397536	-0.391451946	0.678312967	0.043207993	-0.060580027	0.006254316	0.039797565
YGL02.601.C1	7.079224399	-0.869773967	-0.28538662	-0.428352467	0.379450434	0.513141007	0.673145133	9.76E-05	0.002086341
YGL02.10040.C1	9.29527229	-0.869851062	-0.115545467	-0.933756472	-0.160610975	-0.022804218	0.359356982	0.001642672	0.015264237
YGL02.5161.C1	8.200024633	-0.870205278	0.005329569	-0.066096485	0.049537497	0.369078216	0.681479667	0.000701806	0.008326373
YGL02.10739.C2	7.805718809	-0.87024261	0.307269832	-0.449829376	-0.338004266	0.342910818	0.892050159	0.00042877	0.005858901
YGL02.23549.C1	6.574448589	-0.870508584	0.118919336	-0.337498853	1.078440631	0.000674423	0.372581415	0.000926505	0.01016028
YGL02.8989.C1	10.78872385	-0.870516576	0.014327072	-0.309515103	-0.489234218	-0.034528306	0.015844805	1.68E-05	0.000613836
YGL02.16474.C1	4.952123946	-0.870523095	0.032771595	-0.347897886	-0.566913457	0.196011416	0.335290766	0.001888389	0.016841752
YGL02.4891.C1	7.825230071	-0.870605903	-0.005820677	-0.538373384	0.399166906	0.165246394	0.666370618	9.98E-05	0.002122036
YGL02_GNYA1SO04IK82F	7.417538543	-0.870613615	-0.069593026	-0.483486275	0.070320822	0.46313369	0.378280099	0.000291936	0.004490443
YGL02_GNYA1SO04INT8G	7.073198161	-0.870891855	-0.057350126	-0.25843336	0.221710625	0.308239028	-0.064798275	0.000138255	0.002652795
YGL02.1923.C1	8.055342862	-0.870896962	-0.397505364	-0.1937484	-0.407681478	-0.501104511	-0.213836073	0.002734789	0.021968864
YGL02_GNYA1SO04IJU09	6.049036755	-0.870940259	-0.066815317	-0.552807724	0.005717194	0.28582086	0.936015755	0.005780702	0.037666712
YGL02.19515.C1	9.125639198	-0.871535349	-0.144716711	-0.446343667	-0.118115702	0.00075997	0.293981391	0.000315957	0.004750468
YGL02_GNYA1SO04JI5DZ	6.984385953	-0.871615206	-0.121324141	-0.429103023	0.037297197	0.322842361	0.833140132	0.002363482	0.019767856
YGL02.20816.C1	8.871910658	-0.871746081	0.05130065	-0.411219915	0.084178243	0.336271776	0.842832214	4.50E-06	0.000259215
YGL02_GNYA1SO04JP07U	8.101584134	-0.871868284	0.036270633	-0.614169433	-0.082837398	-0.248867145	0.020972438	3.58E-05	0.001042268
YGL02_GNYA1SO04I2CNP	8.44269842	-0.87205937	-0.095017714	-0.528946556	-0.089081519	0.390621168	0.869203323	6.54E-06	0.000330029
YGL02_GNYA1SO04IXQVL	9.771117575	-0.872117977	-0.825950441	-0.853208244	-0.134837574	0.378479839	1.031971382	8.31E-06	0.0003862
YGL02_GNYA1SO04IBIRD	8.795138781	-0.872315416	-0.199616392	-0.294730162	-0.132069706	0.112944874	0.050588793	2.48E-05	0.000803722
YGL02.10682.C1	9.473520394	-0.872429686	0.085131535	-0.687765054	-0.0832097	0.002399511	0.481535963	0.000504862	0.006561474
YGL02.16791.C1	9.613404327	-0.87249306	-0.126211943	-0.384932576	0.905827249	-0.055905177	-0.065972569	0.004291254	0.030306938
YGL02.1431.C1	5.968249018	-0.872564075	-0.507026386	-0.502445014	0.315046412	0.392855219	0.350074463	0.001621055	0.015121964
YGL02_GNYA1SO04IDB1D	5.359777694	-0.872594149	0.33938353	0.120548499	0.56166626	0.216808121	0.242781206	0.001539676	0.014583432
YGL02.6972.C1	3.573346827	-0.872941218	-0.480627073	-0.616300462	0.207632616	0.514271646	0.646070299	0.004033819	0.028985172
YGL02.5082.C2	7.778830435	-0.872970872	-0.192821707	-0.724928261	-0.5223663	-0.008665458	0.895459268	0.000356053	0.005155179
YGL02.2936.C2	9.524057578	-0.872983028	-0.002724227	-0.348331878	-0.383633101	0.335435708	0.796751837	1.05E-05	0.000447754
YGL02.1110.C1	7.357383601	-0.873068035	0.284036937	-0.253132777	0.769487071	0.144567636	0.649238715	1.57E-05	0.00058605
YGL02.1580.C6	9.789335514	-0.873826917	-0.04995076	-0.625493759	-0.017924611	0.104633471	0.287526349	0.00013953	0.00267093
YGL02.9658.C1	6.683466518	-0.873988521	0.021797521	-0.169098997	-0.138220423	0.434511644	0.59576589	0.004960271	0.03371001
YGL02_GNYA1SO04ID5T1	8.960745616	-0.874167866	0.224350174	-0.098813558	-0.298084279	0.10029745	0.611788642	0.000205001	0.003484356
YGL02.4898.C3	7.547022098	-0.874534809	0.285560919	-0.256783207	0.791078583	0.072685257	-0.072463515	0.00011714	0.002363197
YGL02_GNYA1SO04I56TG	8.559584055	-0.874541488	-0.202423501	-0.576582704	0.148190412	0.539996866	0.230315219	8.41E-05	0.001880065
YGL02_GNYA1SO04H12D7	6.563855566	-0.874766466	-0.17785141	0.184067691	-0.254679723	0.459382171	0.668629409	0.001343212	0.013206512
YGL02.1387.C1	7.898338326	-0.874935287	-0.163454225	-0.595715539	0.016825335	0.438660198	1.044690414	1.54E-06	0.000133004
YGL02.10148.C1	9.103844887	-0.875393998	0.099412784	-0.249674592	-0.05889415	0.156818989	0.41182409	1.16E-05	0.000477468
YGL02_GNYA1SO04JHXGV	7.584145243	-0.875538377	-0.375258242	-0.54368777	-0.208167505	0.262328555	0.786054861	0.00092648	0.01016028
YGL02.329.C35	5.979700686	-0.876158207	0.253581013	-0.119841392	0.305683838	0.068117648	0.46049417	0.000608658	0.007510977
YGL02_GNYA1SO04JA07W	7.881519081	-0.876404111	-0.234715417	0.242882041	0.138219826	0.234443374	0.033366315	0.000294379	0.004515154
YGL02.6045.C1	6.409954086	-0.876670765	-0.291291741	-0.700821625	0.398977785	0.306440041	0.697230589	0.0006437	0.007830198
YGL02.18959.C1	6.993105999	-0.876727275	0.251877754	-0.510273905	-0.150853534	0.125661627	0.527375939	0.000181437	0.003200036
YGL02_GNYA1SO04IZVR5	8.192436215	-0.876763849	0.290688628	-0.569096529	0.364190702	0.287865033	0.434674909	0.00035499	0.005142677
YGL02_GNYA1SO04IOD31	10.07194537	-0.876917019	-0.053270453	0.205892599	-0.18979634	0.250496662	0.478651551	0.000125583	0.002480978
YGL02.16613.C1	7.14504112	-0.876929551	-0.34864117	-0.207815013	-0.089475665	0.252731709	0.353835537	1.24E-06	0.000115925
YGL02.2467.C1	6.440827464	-0.876967505	0.087141913	-0.230001376	0.774963082	0.108585545	0.086368751	0.00074496	0.008703598
YGL02.7570.C1	7.945521736	-0.877079639	-0.373977026	-0.683546161	0.430507924	0.134982702	0.864377201	4.40E-05	0.001198566
YGL02_GNYA1SO04I1H8M	10.04255528	-0.877089272	-0.230500169	-0.616569379	0.223718877	0.217842329	0.699284438	0.002229154	0.018943894
YGL02.2708.C1	9.164994887	-0.877385891	-0.171935465	-0.321924933	-0.119138746	0.195783651	0.492455221	3.48E-06	0.000220542
YGL02.4330.C3	7.754841945	-0.877429729	-0.847265249	-0.266395483	-0.116328949	0.538567973	0.20133616	0.00305287	0.023733589
YGL02.5095.C1	6.598132921	-0.877539216	0.150514544	-0.399037002	0.124056499	0.176073086	0.599318914	0.000612508	0.007544084
YGL02.8179.C1	6.521433371	-0.877660493	0.032794214	-0.167635095	0.135675728	0.099731911	0.575073106	0.00028866	0.00445435
YGL02_GNYA1SO04IE0U5	5.387673703	-0.877703219	0.100319501	-0.870610182	-0.066669154	0.119531157	1.398053213	0.002636846	0.021371001
YGL02.10792.C1	9.724542169	-0.877882122	-0.053081638	-0.234979427	0.077910582	0.249721717	0.527954442	0.0001446	0.002737634
YGL02_GNYA1SO04JREYU	8.993089497	-0.877963359	-0.082689988	-0.378753286	0.176838336	0.135271695	0.810210523	3.71E-05	0.00106665
YGL02_GNYA1SO04IGR0P	8.418461995	-0.878035623	0.054088077	-0.20535406	0.307784945	0.153965566	0.44302574	0.000229985	0.003782914
YGL02_GNYA1SO04H8JL7	3.733740479	-0.878035965	0.693792608	-1.007495035	0.187686574	-0.323801803	1.042241003	0.004374592	0.030719601
YGL02.19942.C1	7.102772061	-0.878038296	0.303374473	-0.291036715	-0.130013552	-0.083185568	0.428847706	0.006987733	0.0430452
YGL02.12473.C1	6.623524509	-0.878342936	-0.151025079	-0.310110156	-0.267556746	0.488360909	0.390351201	0.000790453	0.009075591
YGL02.1214.C4	9.968508565	-0.8784127	-0.113363644	-0.481043711	-0.007136003	0.099976349	0.382526559	2.99E-07	4.71E-05
YGL02.14370.C1	9.520619651	-0.87859726	-0.044899833	-0.245464513	-0.026692175	0.202498341	0.27691638	0.008466455	0.049429123
YGL02.2818.C18	7.321899709	-0.878654345	0.145733171	-0.251093826	0.276801895	0.216407036	0.727010342	0.000103948	0.002178861
YGL02_GNYA1SO04IVOXF	7.031096023	-0.87891038	-2.12E-05	-0.221950569	-0.841934723	-0.604839245	0.248117882	0.002049694	0.017838097
YGL02_GNYA1SO04IVP0R	8.984187725	-0.878947917	-0.017564871	-0.251076224	-0.101226939	-0.253726187	0.283215774	2.53E-05	0.000814359
YGL02.2423.C3	11.98506124	-0.878967546	0.109161536	-0.351472307	0.076365867	0.333914726	0.635830823	0.003125079	0.02413855
YGL02_GNYA1SO04IEPFB	8.62040864	-0.879178245	-0.359393379	-1.044213542	-0.174347103	0.256101431	0.650283087	0.000402907	0.005623238
YGL02_GNYA1SO04IWVDW	9.12101367	-0.87934046	-0.089029503	-0.020783599	0.531022969	0.32428562	0.302328369	5.90E-05	0.001460558
YGL02_GNYA1SO04JVX07	8.762494332	-0.879409062	0.520281364	0.085735813	-0.242846059	-0.024004765	0.610313298	6.42E-06	0.000325821
YGL02.9304.C1	7.434284726	-0.879410266	-0.077582867	-0.59065696	0.387439255	0.16675035	0.612190394	0.000104321	0.00218429
YGL02.1192.C2	8.389460072	-0.879472054	-0.301148215	-0.35051963	-0.205740614	0.279204471	0.554026406	2.36E-05	0.000775958
YGL02.11902.C1	8.003080213	-0.87955316	-0.008910766	-0.410021202	0.054473064	0.525456919	0.987527945	3.67E-06	0.000227897
YGL02_GNYA1SO04J0PR2	6.577011642	-0.879642702	-0.428107667	-0.480865802	-0.413512658	0.770326394	0.276847887	0.001875818	0.016764317
YGL02.17683.C1	6.289958283	-0.879794194	-0.297343131	-0.373680036	0.149751403	0.369618816	0.645229409	0.000184105	0.003232267
YGL02_GNYA1SO04H582H	5.433501493	-0.880013895	-0.075987156	-0.551862199	0.805514726	-0.113321503	0.102313201	0.005632217	0.036959549
YGL02_GNYA1SO04JLRSX	5.653745663	-0.880095307	-0.523357255	-0.114734921	0.288346877	0.757296836	0.176092831	0.004141578	0.029543092
YGL02.11394.C1	10.92687682	-0.880114972	-0.293807028	-0.779016431	0.13508925	0.31423796	0.492612	0.000644369	0.007836136
YGL02_GNYA1SO04I7U9X	8.930189515	-0.880413111	-0.137654893	-0.453099862	-0.192913766	0.249874713	0.58100216	0.000104521	0.002186149
YGL02.1007.C1	9.64019251	-0.880635529	-0.080852571	-0.779343017	-0.011556965	0.237075673	0.716000809	7.38E-05	0.001710151
YGL02_GNYA1SO04IKL34	7.757876317	-0.880999526	0.013155451	-0.41637448	1.140538515	-0.050390365	0.212599195	0.003362966	0.025421557
YGL02.367.C12	8.501835226	-0.881122611	0.006938584	-0.293525956	1.144843092	0.064104442	0.178571712	0.000600774	0.007440598
YGL02_GNYA1SO04I81EV	7.373188527	-0.881329964	-0.162801526	-0.159247053	0.367242149	0.35875595	0.666528211	0.003321852	0.025199027
YGL02.19027.C1	3.541592966	-0.881680981	-0.448218653	-0.880904394	0.218438584	0.467823298	0.894714678	0.001249777	0.012543562
YGL02_GNYA1SO04JXPD1	9.950391357	-0.881773402	-0.001124465	-0.394638581	1.221472465	0.042952962	0.076735554	0.002622219	0.021279691
YGL02_GNYA1SO04IWEP9	8.50971939	-0.881892668	-0.078443626	-0.205433643	0.020806828	0.236464003	0.612960628	1.85E-05	0.000655997
YGL02.2719.C1	11.1870518	-0.881972019	-0.309847364	-1.056098212	-0.0980949	0.232414057	0.678698823	6.75E-08	2.09E-05
YGL02_GNYA1SO04J07X6	8.34248998	-0.882069345	0.005796549	-0.495262882	-0.021106831	0.20313813	0.585965713	1.25E-06	0.00011651
YGL02_GNYA1SO04IVWHJ	7.754637571	-0.882142415	-0.129139053	-0.515458124	0.294762428	0.053839194	0.434389615	4.29E-05	0.001175586
YGL02_GNYA1SO04JRX06	8.33747182	-0.882472903	-0.063903441	-0.418731262	-0.172254109	0.375515251	0.879964671	0.000154642	0.002866562
YGL02_GNYA1SO04I8ZXL	6.346908418	-0.88253007	0.03429653	-0.453193593	0.000667053	0.435722861	0.363938421	0.00152123	0.014458419
YGL02_GNYA1SO04JUSN0	6.962770379	-0.882629154	-0.050085176	0.005916837	0.916939463	0.028596922	0.134046054	0.00181205	0.016375417
YGL02_GNYA1SO04IZN6T	11.89680066	-0.882648218	-0.167133089	-0.315803468	0.636099734	0.12704339	0.16637111	0.000589336	0.007341066

YGL02_GNYA1SO04IHOAE	8.7724933	-0.88275437	-0.126522415	-0.636936833	-0.056366697	0.222093961	0.213378257	0.000341834	0.005014702
YGL02.17356.C1	6.000132158	-0.882813964	-0.189099205	-0.284089934	0.087804952	0.593104852	-0.105839117	0.002307366	0.019431546
YGL02.4219.C2	10.06462422	-0.882844641	0.037912655	-0.752798017	0.012854461	0.269470059	0.365088802	0.000655613	0.007932148
YGL02.831.C1	7.54737605	-0.8829057	0.235323695	-0.349192952	-0.017572473	0.152610454	0.736314716	0.000934583	0.010220098
YGL02_GNYA1SO04IUOC7	6.064832237	-0.883433436	-0.649346312	-0.588429965	-0.064901694	0.509596472	0.693176158	0.006179061	0.039453401
YGL02_GNYA1SO04IGPEG	7.109135189	-0.883436135	-0.302864388	-0.675342001	0.186116468	0.308692579	-0.13936186	0.001869791	0.016734642
YGL02_GNYA1SO04IRGTP	8.383480161	-0.883668042	-0.276116174	-0.357744309	0.072380768	0.41449919	0.664777312	0.000386468	0.005460048
YGL02.21206.C1	7.089944997	-0.883730228	-0.493250323	-1.28606515	-0.337080799	0.590208062	1.285038959	5.40E-05	0.001371468
YGL02_GNYA1SO04JYMVS	9.241031785	-0.883946548	-0.138519836	-0.283922725	0.588288956	0.091256081	0.022833882	0.000933048	0.010208489
YGL02_GNYA1SO04IR28P	7.197055567	-0.884087304	-0.013513062	-0.393239054	0.561309468	0.102538322	0.489869113	0.003158746	0.024325092
YGL02.6681.C1	6.11064714	-0.884248279	0.276995433	-0.147693269	0.017041944	0.219314291	0.081037575	0.003483988	0.026061049
YGL02_GNYA1SO04JQGYU	8.183283126	-0.88426412	-0.23136651	-0.451475219	0.980166025	0.204211435	0.213063588	0.001238166	0.012462292
YGL02_GNYA1SO04IT7ZV	5.351533478	-0.884416922	0.195788609	-0.305379361	0.377373959	0.477383282	0.902733471	0.001563885	0.014749665
YGL02_GNYA1SO04IG12A	6.309296026	-0.884540056	-0.243666876	-0.671277323	0.18451403	-0.400082445	0.035696465	0.007871472	0.046965462
YGL02.11229.C1	8.840638239	-0.884637636	0.009868996	-0.043917454	0.01232196	0.15335479	0.479225589	5.48E-05	0.001387863
YGL02.7903.C1	9.208095813	-0.884727734	-0.233526228	-0.367820791	0.018288339	0.094925214	-0.036959813	2.81E-05	0.000878474
YGL02.2818.C21	8.382153457	-0.884847646	0.37695037	-0.049218335	-0.237135532	0.005282223	0.482757133	0.000131709	0.002567526
YGL02.6290.C4	8.259128204	-0.884919256	-0.052810371	-0.575081268	-0.235725944	0.288362363	0.659087963	9.46E-05	0.002044597
YGL02_GNYA1SO04H357U	7.973470175	-0.884975566	-0.22257187	0.123735631	0.317570607	0.4098571	-0.262242064	0.000228925	0.003772632
YGL02.15439.C1	9.93875362	-0.885035851	-0.302529476	-0.948012079	-0.129650895	0.082781996	0.462401306	9.22E-06	0.000411831
YGL02_GNYA1SO04ICUQG	5.508116774	-0.885483742	-0.670672504	-0.219689103	0.16987005	0.651882937	0.175654785	0.001088479	0.011364644
YGL02.3499.C1	8.767744864	-0.885601363	-0.035372616	-0.741705408	-0.302239525	0.217716516	0.569022794	7.41E-06	0.000357983
YGL02_GNYA1SO04JOWUG	8.315494561	-0.885793392	-0.092249142	-0.232103358	-0.415999578	-0.010932543	-0.034484984	9.17E-07	9.57E-05
YGL02_GNYA1SO04IEBZD	6.554889168	-0.885819359	0.083770223	-0.639426219	-0.455668548	0.15223783	1.19114585	0.000419059	0.005775573
YGL02.4.C55	6.421063012	-0.885854278	-0.023917771	-0.46168839	0.789437586	0.177198057	0.216187829	0.001803682	0.016316799
YGL02_GNYA1SO04JFENW	7.188129266	-0.886171468	-0.396363442	-0.556653029	0.276023387	0.609811438	1.209816094	0.001700339	0.015649624
YGL02.21979.C1	4.699702425	-0.886233582	-0.729487715	-0.353454469	-0.273719278	0.661772729	1.045812003	0.00626326	0.039833313
YGL02.6647.C1	5.570053565	-0.886296781	0.315547178	-0.245242428	0.329895339	-0.083912608	0.727340816	0.00014584	0.002755073
YGL02.3459.C1	9.134921289	-0.886384001	-0.355218631	-0.717206813	0.4277025	0.381594133	0.588742173	1.29E-06	0.000118523
YGL02.1238.C3	6.074586817	-0.886509315	-0.00247959	-0.706009911	0.329390726	0.16933463	0.531917797	0.000353337	0.005126191
YGL02.21887.C1	7.975094217	-0.886618246	-0.033852752	-0.22874159	0.439830818	-0.034399212	0.167717409	0.00052367	0.00674096
YGL02.18807.C1	8.557489632	-0.88681157	-0.298631425	-0.816927059	0.008128724	-0.089782163	0.536227512	0.000269322	0.004238249
YGL02.9535.C1	12.438545	-0.886992328	-0.221601918	-0.434504049	-0.061176999	0.346286902	0.506395046	4.28E-07	5.88E-05
YGL02.8153.C1	6.205944421	-0.887091868	-0.393395388	-1.039554816	0.247650383	0.345468893	0.618288947	5.56E-05	0.00140141
YGL02.903.C2	9.452347154	-0.887105371	-0.043781091	-0.78380294	-0.190100977	-0.055959465	0.627380674	1.41E-05	0.000545639
YGL02.2463.C1	10.51797319	-0.887131696	0.032365934	0.132519932	0.109240638	0.052355607	0.169134093	1.55E-05	0.000580426
YGL02.1216.C1	11.99771627	-0.887307207	-0.198720444	-1.135692988	0.020791826	0.028609692	0.332633521	1.47E-05	0.000560814
YGL02.1511.C1	10.6560707	-0.887376876	-0.112621191	-0.280457223	0.408999437	0.174264765	0.219444749	0.000996108	0.010678294
YGL02_GNYA1SO04IRP8S	8.445056205	-0.887472943	-0.062804901	-0.390707495	1.082423301	0.046609363	0.03394053	0.000624706	0.007657179
YGL02.1233.C8	8.900117211	-0.887503767	1.271050389	0.803334231	-0.014758316	0.442859962	0.7919326	5.48E-06	0.000294367
YGL02_GNYA1SO04H9BOW	12.72684077	-0.887705538	-0.25312178	-0.618686687	-0.341323919	0.406289654	0.740774717	0.000476784	0.006311846
YGL02_GNYA1SO04IW35K	8.665904339	-0.888143551	-0.082269235	0.12956631	0.164491863	0.228458549	-0.186436997	0.000160741	0.002941298
YGL02.8076.C1	7.529019753	-0.888323886	0.280220142	-0.528910365	-0.079110346	0.269325331	1.173545138	3.66E-05	0.001058769
YGL02_GNYA1SO04H7SPI	10.12501442	-0.888428574	-0.128979715	-0.420219216	0.024398587	0.242253762	0.608476702	0.004460377	0.031159689
YGL02.1061.C1	6.032519512	-0.888611239	1.137566166	0.5633668	0.4103615	0.261640577	0.875809155	0.001462375	0.014047499
YGL02_GNYA1SO04IH32X	8.727425298	-0.888699423	-0.210648848	0.286596307	-0.004127879	-0.216222556	0.108370358	7.39E-05	0.001710462
YGL02_GNYA1SO04IVJYQ	10.77056703	-0.889188439	-0.047211861	-0.367383813	0.614656608	0.045876623	0.228803262	0.000869366	0.009711531
YGL02_GNYA1SO04JNCY4	5.600437923	-0.889222497	0.305429767	0.13130268	-0.234751093	0.450808154	0.235656544	0.002223881	0.018911724
YGL02.18005.C1	9.408556056	-0.889254477	-0.036840095	-0.731225366	-0.328348622	0.228249009	0.544868379	0.000275608	0.004308102
YGL02.14545.C1	7.994065535	-0.889315752	-0.912488318	-0.634243125	0.358450995	0.053178715	-0.122234619	6.25E-05	0.001516467
YGL02.3756.C1	6.934711979	-0.889358081	-0.132734646	-0.700546484	-0.248429107	0.10161926	0.407745993	0.00031292	0.004719601
YGL02.1746.C2	8.797122997	-0.889555509	-0.107945854	-0.545394644	0.060334765	0.21578382	0.900130018	8.44E-06	0.000390064
YGL02_GNYA1SO04IP1SX	8.026652244	-0.889877626	-0.385868382	-0.310994142	0.40593943	0.308494705	0.452054665	0.000941608	0.01028216
YGL02_GNYA1SO04IJO5T	7.654931068	-0.889927859	0.012210666	0.16924531	0.208212495	0.278958019	0.002819559	0.004907388	0.033440121
YGL02.13387.C1	7.706674355	-0.889957773	-0.368292476	-0.616214032	-0.210891382	0.167238547	0.556125687	0.000210342	0.003551808
YGL02_GNYA1SO04IX914	6.864709646	-0.89010843	0.36530305	0.160959533	-0.136735755	0.263879554	0.553666297	0.001284956	0.012789096
YGL02.5242.C1	7.06945134	-0.890488175	0.114232025	-0.286318327	0.339322316	0.299273613	0.395941819	0.000572159	0.007194228
YGL02.2995.C1	7.428432127	-0.890579566	-0.283933252	-0.3183169	-0.193539627	0.265147455	0.692652422	0.000914444	0.010066177
YGL02_GNYA1SO04IW7JA	3.654309341	-0.890684639	-0.517559943	-0.813095997	0.106624398	0.475654759	0.853666886	0.0005678	0.0071547
YGL02_GNYA1SO04ITQNJ	8.583287289	-0.890734424	-0.106694988	-0.739704264	-0.49958919	0.320400979	1.004232336	0.000126764	0.002494776
YGL02_GNYA1SO04JTKSF	5.11866684	-0.890752155	0.083846853	-1.070946306	0.501745071	-0.200137505	1.245493023	0.00573744	0.037454991
YGL02_GNYA1SO04I8ZCV	8.977688276	-0.890762528	0.007564484	-0.177124393	0.587041061	0.133654236	0.151605853	2.58E-05	0.000826669
YGL02.13344.C1	8.644419173	-0.890979508	-0.025722172	-0.389381599	0.577166715	0.240467194	0.424217123	0.00022124	0.003689177
YGL02_GNYA1SO04IIR7O	9.154307612	-0.89114802	-0.167535885	-0.737489185	-0.06092698	0.405825918	0.812215674	3.35E-06	0.000214241
YGL02.2256.C1	6.357451378	-0.891501226	-0.172770136	-0.675763716	-0.04682272	0.410673996	0.732866684	0.000102565	0.002160362
YGL02_GNYA1SO04IU39I	3.859787947	-0.891613313	-1.224184991	-1.237247181	0.273348948	0.943981688	1.728793798	0.002988584	0.023363056
YGL02.16627.C1	7.811897135	-0.891729822	-0.291778288	-0.416536525	0.193526324	0.474228683	0.724541432	0.001020794	0.010863789
YGL02_GNYA1SO04IWXF0	5.876731602	-0.891761979	-0.384967504	-0.554978442	0.255543424	0.619908062	0.748275391	0.007425476	0.045034793
YGL02_GNYA1SO04JEO9F	9.502985444	-0.891896362	-0.113088152	-0.366265404	-0.012790205	0.084397031	0.112175762	1.81E-06	0.000146495
YGL02.13676.C2	6.16495166	-0.8919486	-0.910819205	-0.722021847	0.040169628	0.55298152	0.682387329	0.000271345	0.00425922
YGL02.182.C2	10.93698896	-0.891971979	-0.189132911	-0.972574833	0.156891367	-0.077277004	0.493749534	1.08E-06	0.000105915
YGL02.17687.C1	9.116030671	-0.892198726	0.026071404	-0.127417572	-0.181787682	0.09498517	0.57319811	1.85E-07	3.52E-05
YGL02_GNYA1SO04JVA9W	12.52337738	-0.892221553	-0.390996455	-0.83193879	-0.162619745	0.019463823	0.422503844	3.09E-06	0.000203491
YGL02.10434.C1	6.509472782	-0.892229314	-0.142384292	-0.472406048	0.45590734	0.30259593	0.640164912	0.003192148	0.024496909
YGL02_GNYA1SO04ITJQT	8.38858154	-0.892300058	-0.15147537	-0.324515776	-0.174192903	-0.060838302	0.304693951	0.002051558	0.017847471
YGL02.5991.C1	8.327675422	-0.892665867	-0.211539181	-0.727422813	0.057553778	0.273428461	0.759281468	9.32E-05	0.002024538
YGL02.9897.C1	5.392221083	-0.892719491	0.442106366	-0.538052496	-0.25038493	-0.334869053	0.990240765	0.005403082	0.035851987
YGL02.15727.C1	4.375511745	-0.892843579	-0.461559892	-1.193781685	0.191240415	-0.273701999	0.599959153	0.001190179	0.012124416
YGL02.10311.C1	7.696474237	-0.892916728	-0.582842297	-1.983540397	-0.330116983	-0.307812596	1.0241387	0.000586366	0.007314857
YGL02.9569.C1	6.75285773	-0.893316132	-0.075721008	-0.398817651	0.644365398	0.156544457	0.046968833	0.001883487	0.016816561
YGL02.13658.C1	6.906271913	-0.893382816	0.139899533	-0.703853298	-0.070891142	0.393130944	0.547666061	3.43E-05	0.001010243
YGL02.9534.C2	10.40142202	-0.893397194	-0.535981805	-0.704466743	-0.054108633	0.448417918	1.010992092	2.87E-06	0.000194559
YGL02.3431.C3	9.132312955	-0.89342116	-0.026505484	-0.299610005	1.06228335	-0.098110602	0.046773728	0.000143499	0.002724349
YGL02_GNYA1SO04JRUKZ	8.475374731	-0.893425426	-0.199403727	-0.521002643	0.51142456	0.078043845	0.299632714	0.001344638	0.013211512
YGL02.2037.C1	6.901850215	-0.893472745	-0.133620812	-0.690070913	-0.14676763	0.482909127	0.538336183	1.55E-05	0.000580477
YGL02.15537.C1	6.119776037	-0.893502749	0.043183889	-0.057750477	0.592579795	0.192088378	0.019191973	0.000190165	0.003312009
YGL02.2003.C1	7.29350391	-0.893653342	0.236099604	-0.674909109	0.073280263	-0.142544853	0.426403713	6.26E-06	0.000320473
YGL02_GNYA1SO04JALRK	8.273491228	-0.894036119	-0.06269991	-0.859822432	0.121632589	0.216463325	0.675281213	0.000333075	0.004924924
YGL02_GNYA1SO04H72KN	7.923308378	-0.894214352	-0.159932359	0.050960107	0.742918205	0.032043447	-0.175578088	0.001146986	0.011812646
YGL02.13963.C1	8.794881023	-0.894387291	-0.079291731	-0.598982093	0.253848704	-0.04051401	0.132483265	3.18E-05	0.000959885

YGL02.10893.C1	7.657119041	-0.894452119	0.211300858	-0.644283821	-0.247827563	0.493503033	0.990468695	1.23E-05	0.000492729
YGL02.1535.C1	5.983513555	-0.894518872	-0.882054535	-0.360707281	0.145031967	0.977221095	0.880325583	0.003746214	0.027461032
YGL02.3383.C5	9.375829618	-0.894711738	-0.255151513	-0.949722338	0.177452961	0.102231047	0.559785035	5.47E-06	0.000294345
YGL02.15088.C1	10.86430914	-0.894916498	-0.488698396	-0.640005828	0.031620997	0.1858971	0.480579652	8.16E-07	8.87E-05
YGL02_GNYA1SO04ITJ6S	8.808691094	-0.895015713	-0.027873191	-0.419619582	0.43288933	0.207833526	0.27560153	0.00042531	0.005828835
YGL02_GNYA1SO04JDWY2	9.290367803	-0.895093917	-0.082504542	-0.400520328	0.93209551	0.11925672	0.06838577	0.001724614	0.015807646
YGL02.1750.C1	8.849182501	-0.895319678	-0.388922017	-0.333068886	0.76412247	0.10943189	0.195813018	0.001128239	0.011672973
YGL02.17086.C1	8.206268674	-0.895392097	0.216626014	-0.74583595	-0.176508775	0.102894849	0.509069723	6.97E-06	0.000343489
YGL02.4645.C1	8.667186623	-0.89607728	-0.212016869	-0.774449807	-0.053511154	0.32491997	0.866861059	3.57E-06	0.000224278
YGL02_GNYA1SO04JK9O0	8.340333565	-0.896222256	-0.227682679	-0.526750872	0.476532882	0.083530506	0.203987366	0.000196361	0.003384584
YGL02.6580.C1	8.052765924	-0.896398106	-0.521503376	-0.977869727	0.357285491	0.368344432	0.634427751	6.50E-05	0.00155892
YGL02.4074.C2	7.680156626	-0.8964657	0.205183657	-0.46240113	-0.167496466	0.043314269	0.322942385	8.86E-05	0.001952119
YGL02_GNYA1SO04JZH5L	8.189678194	-0.89651026	-0.044946973	-0.194944883	-0.148097962	0.451267361	0.404991703	8.07E-06	0.000378364
YGL02_GNYA1SO04JFT74	5.0721311	-0.896512207	0.392190785	0.187170673	0.473024884	-0.269549474	0.256649924	0.002553867	0.02088624
YGL02.22114.C1	3.928293541	-0.896667876	-0.334656981	-0.381313235	0.031232357	0.260345445	0.537927411	0.003065385	0.023812877
YGL02_GNYA1SO04IIRV4	6.67299501	-0.896699773	-0.045955534	-0.347707981	-0.015909932	0.040224181	1.050767644	0.000696197	0.008278792
YGL02.3315.C2	7.089788663	-0.896781645	-0.164869634	-0.327791741	0.062736374	-0.064589557	0.501370806	5.05E-06	0.000279362
YGL02.10417.C1	9.206639307	-0.896783091	-0.323546706	-0.897208844	-0.167912087	0.21197081	0.555403892	1.09E-05	0.000459077
YGL02.8043.C2	9.090065947	-0.896803523	-0.204752599	-0.161002625	-0.109696639	0.150698939	0.636503377	2.95E-05	0.000909775
YGL02_GNYA1SO04IAVHH	7.057834426	-0.896976453	-0.1950908	-0.955964279	-0.226785786	0.394570889	0.948732435	0.001680533	0.015511426
YGL02_GNYA1SO04H6MJF	7.213857704	-0.897087364	-0.075502358	-0.522401806	0.800831455	0.480849913	0.751957835	9.69E-05	0.002077872
YGL02_GNYA1SO04I1AYJ	8.757917879	-0.897141311	0.045574326	-0.295222976	-0.273729227	0.131463784	0.448194889	1.28E-06	0.000117946
YGL02_GNYA1SO04IYOM0	4.610659676	-0.897428383	-1.767619646	0.412657669	0.049876582	1.239810316	1.269328327	0.008070198	0.047800992
YGL02_GNYA1SO04JCIC8	7.487037781	-0.897700846	-0.514963499	-0.855586993	0.139833871	0.448591169	0.603628694	1.18E-05	0.000482065
YGL02.7272.C1	5.079774196	-0.897785845	-0.245641671	-0.233113099	0.880050767	-0.126393445	-0.355598016	0.000487015	0.006408642
YGL02_GNYA1SO04JH8CB	5.489938122	-0.897890647	-0.033203998	0.026703476	-0.208045809	0.615124015	0.330734403	0.008042901	0.047691657
YGL02_GNYA1SO04I667G	6.95556335	-0.897987882	0.007528017	-0.683093199	-0.28306521	0.308674472	0.542222979	0.000313598	0.004725426
YGL02.18500.C1	4.270044344	-0.898163836	-0.138040151	-0.347796998	0.035091891	0.207089415	0.069323206	0.005085496	0.034307973
YGL02.16839.C1	4.031962467	-0.898288656	-0.734457159	-0.936798783	-0.159194548	0.706960224	0.86711998	0.002139832	0.018393983
YGL02_GNYA1SO04I5AZ7	6.799620411	-0.898381634	-0.215686754	-0.549954917	0.162893652	0.396700152	0.823577073	0.00037689	0.005360988
YGL02.13809.C1	5.600343837	-0.898481299	-0.210000717	-0.267260851	1.299210514	0.365856252	0.401490527	0.007819963	0.046774593
YGL02_GNYA1SO04IVFKE	7.681400363	-0.898525655	-0.34934268	-0.462754449	0.371026776	0.345421085	0.247750582	0.001231106	0.012413416
YGL02.17246.C1	11.71473421	-0.898538204	-0.100701296	-0.406483833	0.043777728	0.264383395	0.516319332	1.75E-08	1.05E-05
YGL02.11643.C1	10.67675531	-0.898544035	-0.024428134	0.06175049	-0.140889024	0.344290009	0.451244884	7.54E-05	0.001738418
YGL02.2818.C15	8.463676533	-0.898731714	0.084733105	-0.190603931	0.270619704	0.396498941	0.50464471	0.000964413	0.010451868
YGL02_GNYA1SO04H80VG	7.201879119	-0.898959601	-0.126130353	-0.685401286	0.123830725	0.295886896	0.540569087	3.47E-05	0.001018398
YGL02.19259.C1	6.795149856	-0.89937174	-0.031051901	-0.577977914	0.182350236	0.341151872	0.767450495	2.83E-05	0.000883147
YGL02.1380.C1	9.441466728	-0.899599128	-0.080452547	-0.811071856	0.167532747	0.222269163	0.237200442	0.00012651	0.002490916
YGL02_GNYA1SO04IF1F6	7.454971563	-0.899804718	-0.199695494	-0.600443864	-0.084609284	0.283260891	0.615620894	0.00118329	0.012073426
YGL02.6148.C1	8.313840283	-0.899949156	-0.257496268	-0.464590469	-0.111461172	0.176906486	0.716672344	6.51E-06	0.000329112
YGL02.3706.C1	7.641853757	-0.900301862	-0.005049357	-0.56649575	-0.300991908	0.41293756	0.907140694	0.000246488	0.003973387
YGL02_GNYA1SO04JH9EO	6.466827234	-0.900415743	0.20392275	-0.005229738	1.847815521	0.583434467	0.787108221	0.005386141	0.035765229
YGL02.10089.C2	5.66942168	-0.90048714	0.100730692	-0.255385679	0.734356838	0.1608683	0.436729646	0.007591221	0.045759275
YGL02.9517.C1	8.058666513	-0.900548905	-0.389230439	-0.591641236	-0.071191469	0.172549717	0.523551009	2.09E-06	0.000160018
YGL02.10593.C1	7.14882515	-0.900711145	-0.014314829	0.063871267	0.401249592	-0.235319019	0.008269584	0.008038101	0.047678479
YGL02_GNYA1SO04JV8LK	8.762216863	-0.900798086	-0.178038576	-0.865288079	-0.165918701	0.178792092	0.806341428	1.49E-05	0.000564904
YGL02.2782.C2	10.08164852	-0.900991375	0.006822563	-0.636395707	-0.126305058	0.000692625	0.641578217	7.60E-06	0.000364191
YGL02.3911.C1	7.267048033	-0.901263997	-0.072277125	-0.304850496	0.820054648	-0.111716274	0.276855355	0.000413717	0.005726325
YGL02_GNYA1SO04I6SEA	8.577757448	-0.901377989	-0.054217318	-0.417973364	0.194004408	0.263607675	0.612700488	9.25E-07	9.62E-05
YGL02.3914.C1	5.95743871	-0.90168227	0.115583564	-0.281929829	0.260270058	0.237640481	0.733654222	0.000107704	0.0022341
YGL02.22164.C1	8.340629503	-0.901726634	-0.235742935	-0.441003697	0.352777191	0.214202719	0.531416743	2.42E-06	0.000175364
YGL02_GNYA1SO04IB721	8.293930252	-0.901818153	-0.145165443	-0.37082353	0.75100846	0.134403316	-0.064603749	0.000900732	0.009961808
YGL02.23162.C1	7.802794339	-0.901951304	-0.422916929	-0.555954344	0.084684912	0.43573862	0.830964202	4.99E-05	0.001300906
YGL02.1765.C3	9.361885885	-0.901961459	0.046532314	-0.406879332	-0.507933318	0.154328763	0.81150341	1.78E-06	0.000144887
YGL02.1078.C4	8.996036294	-0.90203803	-0.405370254	-0.92256486	0.045430119	0.281961609	0.903183321	5.65E-06	0.000300728
YGL02.8463.C1	4.033761895	-0.902095507	-0.772412728	-0.461081789	0.420616788	0.358160365	0.615519126	0.007082833	0.043513044
YGL02.329.C57	12.01623517	-0.902166861	-0.157211247	-0.38035083	0.644936177	0.093340515	0.117175445	3.78E-05	0.001080007
YGL02.9377.C1	6.584056868	-0.902250471	-0.473527642	-0.241848658	-0.009061661	0.160195841	0.666283763	0.00060884	0.007512482
YGL02.5578.C1	7.284208095	-0.902906606	-0.437249277	-0.579087771	-0.228286012	-0.134311764	0.219468558	0.000120601	0.002415709
YGL02_GNYA1SO04IQUBE	8.337661324	-0.90295636	-0.399858428	-0.512299138	-0.236256718	0.045729478	0.553512349	5.10E-05	0.001319818
YGL02.2429.C1	8.577737714	-0.902959218	-0.180815576	-0.697355938	0.130819861	-0.102370485	0.505180931	2.03E-06	0.000157022
YGL02_GNYA1SO04JPUCZ	3.77233341	-0.902974899	-0.237028162	-0.742047318	0.000911268	0.269982508	0.800217048	0.007246955	0.044252673
YGL02.23223.C1	6.362186274	-0.903133946	-0.512768595	-0.507076576	0.09982245	0.710186061	0.81541086	0.000733976	0.008612569
YGL02.15886.C1	10.11113023	-0.903172378	0.181747215	-0.315666379	0.026787112	0.263358524	0.725867095	0.000581799	0.007275637
YGL02_GNYA1SO04JSPKZ	8.716338309	-0.903173183	0.087959253	-0.364539334	1.042318544	0.081511798	0.201584558	0.001505197	0.014337856
YGL02.11186.C1	6.820660697	-0.903184508	-0.098491568	-1.135870178	-0.101416577	0.40145895	1.366433717	0.001586647	0.014894335
YGL02.16296.C1	6.930733228	-0.903302906	-0.478499356	-0.90783049	0.005852865	0.47650286	0.835439579	3.16E-05	0.000954362
YGL02.18908.C1	7.793252049	-0.903642493	-0.082789382	-0.376719096	-0.300844217	0.215697167	0.572832704	9.50E-06	0.0004198
YGL02.17156.C1	7.988540172	-0.903665563	-0.244650896	-0.620456498	-0.103225148	0.187142475	0.539604755	0.000284124	0.004405867
YGL02_GNYA1SO04IFWZ4	5.965468741	-0.903734419	0.011127762	-0.048488977	0.23109025	0.294506913	0.21569089	0.00518415	0.034795071
YGL02_GNYA1SO04JKXN6	9.462146426	-0.904560372	-0.235148663	-0.23879587	-0.124163179	0.139208499	0.461793228	0.00102322	0.010882456
YGL02.1898.C3	3.388597981	-0.904747501	0.009448515	-0.901067798	0.51256985	0.011782778	1.189164862	0.005085782	0.034307973
YGL02.3226.C1	7.4363933	-0.90504674	-0.176345238	-0.740036183	-0.15593429	-0.259254942	0.074292319	0.000952689	0.010370197
YGL02.8802.C1	8.079583093	-0.905288871	-0.15135726	-0.799974438	0.447678868	-0.237350073	0.280206347	9.80E-05	0.002090235
YGL02_GNYA1SO04IV2LW	9.140229103	-0.905485302	-0.113621442	-0.287140366	0.47739204	0.014138562	0.012478348	0.000590735	0.007355667
YGL02_GNYA1SO04JSP7E	9.175775686	-0.905542437	0.007324357	-0.42936738	-0.162012152	0.000804191	0.424888881	1.15E-06	0.000110923
YGL02.8382.C1	6.159373958	-0.905557186	-0.983126684	-1.366458945	0.176469046	0.329183762	1.011634118	0.003097677	0.023988898
YGL02_GNYA1SO04JM2MG	6.919023676	-0.905630414	-0.009437278	-0.634550559	-0.868713757	0.185573188	0.817506086	0.001091712	0.011386941
YGL02_GNYA1SO04ISKXN	7.868385616	-0.905939426	-0.025500779	-0.063042818	1.184360241	0.052640452	0.041642202	0.00100836	0.010770402
YGL02_GNYA1SO04IZ80G	8.793117986	-0.906226756	-0.079396894	-0.264207105	0.717171576	-0.009345285	-0.053045093	0.002607133	0.021197842
YGL02_GNYA1SO04I10QF	8.590993646	-0.906745803	-0.499117978	-0.40451309	0.022080943	0.465159141	0.68015289	9.35E-06	0.000415689
YGL02_GNYA1SO04IPRGY	9.420031721	-0.907083566	-0.04483517	-0.466570129	0.650091514	0.129680649	0.237620011	6.71E-05	0.001596611
YGL02.10198.C1	8.954966568	-0.907170028	-0.175536504	-0.520922485	1.008611101	0.123364113	0.049983036	0.000656894	0.007941956
YGL02.18145.C1	7.741232065	-0.907388206	-0.078347526	-0.277654182	0.245539094	0.227536504	0.525370546	2.65E-05	0.000842061
YGL02_GNYA1SO04JQALU	6.977319194	-0.907705964	-0.005792389	-0.28738285	-0.192131875	-0.020840506	0.321535102	0.002012513	0.017631828
YGL02_GNYA1SO04JBBFI	7.154399436	-0.90826261	-0.054355877	-0.708830456	0.004766956	0.394373834	1.206376856	0.000163804	0.002977596
YGL02_GNYA1SO04IKZMK	9.462941733	-0.908374251	-0.231930464	-0.450118568	0.694079282	0.274352785	0.43165342	2.45E-05	0.000797496
YGL02.15913.C1	6.07774489	-0.90844642	-0.068185485	-0.650021664	0.405315556	0.440045094	0.877237697	0.000168348	0.003038848
YGL02.9419.C1	7.597592541	-0.908933105	0.140135334	-0.463624399	0.708000371	-0.035861229	0.125243361	0.000488242	0.006418258
YGL02_GNYA1SO04JLPEX	8.573131932	-0.908951677	-0.503294408	-0.874227566	0.616350168	0.383388852	0.968370539	2.49E-06	0.000178051

YGL02_GNYA1SO04JJEHJ	9.620319305	-0.909088856	-0.042361916	-0.393134519	0.030978036	0.428215644	0.305338564	3.02E-05	0.000925605
YGL02_GNYA1SO04JM0G9	6.429504383	-0.90918039	0.13706343	-0.097409698	1.07921737	0.167747067	-0.21688398	0.001659108	0.015361851
YGL02.19387.C1	7.048383886	-0.909753915	0.109388804	-0.274108686	-0.393528684	0.563208081	1.002591873	2.44E-06	0.000176218
YGL02.367.C9	9.361204799	-0.910079363	-0.06061874	-0.532354884	1.135771259	0.016872761	0.226136215	0.000568481	0.007162585
YGL02.673.C1	7.819519644	-0.910177592	0.265717274	-0.265070537	0.001511853	0.184590771	0.453087897	3.41E-06	0.000217403
YGL02_GNYA1SO04JC6QE	8.471057278	-0.910194526	-0.424254541	-0.979751199	0.308458761	0.398909334	0.78369638	1.46E-05	0.000556693
YGL02.9182.C1	8.324695552	-0.910627883	0.003379961	-0.373992928	-0.09151528	-0.011556353	1.129839496	3.07E-06	0.000202499
YGL02.17549.C1	7.43497474	-0.910632512	-0.459039189	-0.600752415	-0.306246133	0.279092874	0.628161016	0.000421759	0.005798582
YGL02.6805.C2	8.632784795	-0.910703218	-0.030991651	-0.298439513	1.174772774	0.043099129	-0.001742618	0.007982927	0.047429419
YGL02.1805.C1	11.5775967	-0.910825564	-0.278360484	-0.584015129	-0.081575605	0.331326248	0.91489383	3.91E-05	0.001103531
YGL02_GNYA1SO04H4WSR	7.429899051	-0.910977178	-0.021237243	-0.126820325	0.124203309	0.37306845	0.525557834	0.000114463	0.002328419
YGL02_GNYA1SO04H3R4B	10.26209101	-0.911049642	-0.053157521	-0.873314266	-0.105407268	0.021030837	0.779141743	1.61E-07	3.24E-05
YGL02.20053.C1	7.384213588	-0.911186663	-0.310092628	-0.212684024	0.300600099	0.266101559	0.624451613	2.51E-05	0.000811608
YGL02.10232.C1	5.165417973	-0.911278407	-0.578012566	-0.916827922	-0.030080879	0.069701291	0.39750127	0.000807164	0.009222951
YGL02_GNYA1SO04ITUVH	6.46495677	-0.911495452	-1.254700638	-0.286879276	-0.353010307	-0.186508127	0.300948294	0.001997872	0.017541532
YGL02_GNYA1SO04J05IK	7.054891668	-0.911617872	-0.102624045	-0.310980146	0.277407665	0.095147263	0.26259807	0.003095956	0.023977404
YGL02.12838.C1	7.800980855	-0.911710189	-0.589942047	-0.734452611	-0.263645587	0.090735474	0.586173817	9.93E-05	0.002114833
YGL02_GNYA1SO04IS6WR	8.428761489	-0.911977911	-0.176641035	-0.365112219	0.105469687	0.249858542	0.134312776	0.000984553	0.010595651
YGL02.318.C1	7.766291263	-0.912074993	-0.254922652	-0.453018316	0.168269889	0.098397793	-0.159276377	0.0028363	0.022535288
YGL02_GNYA1SO04J0FCW	7.661042325	-0.912143492	0.01992198	-0.591864149	-0.037404828	-0.096123821	0.864253878	8.59E-05	0.001906223
YGL02_GNYA1SO04I335B	7.124279784	-0.912160716	-0.339708422	-0.883105543	-0.478578853	0.779122411	1.081576545	9.99E-06	0.00043393
YGL02.11048.C1	9.090578173	-0.912377291	-0.216101729	-0.696537254	-0.109694534	0.004892441	0.554006148	3.25E-07	4.96E-05
YGL02_GNYA1SO04JT998	6.99741791	-0.912408528	-0.13454911	-0.367940938	0.150363936	-0.000339256	0.283940589	0.000202713	0.003462719
YGL02_GNYA1SO04IDSDS	7.77603674	-0.912475317	-0.223393293	-0.262437557	0.345616709	0.107272487	0.317733367	6.62E-05	0.001579945
YGL02_GNYA1SO04INIK7	8.631955342	-0.91259527	0.160236211	0.656218171	-0.653309033	-0.088641278	0.263002111	0.001098512	0.011442636
YGL02.2935.C2	8.509706888	-0.912735952	-0.326559858	-1.128713217	0.264690872	-0.012905789	0.700172214	0.000856898	0.009612243
YGL02.3089.C3	8.931214746	-0.912758197	-0.79155108	-0.619233402	0.09329202	0.303849813	0.640847141	0.001279355	0.012751803
YGL02.10102.C1	5.53713302	-0.913011021	-0.154048131	0.23623787	0.144263626	0.096344511	-0.242802034	2.55E-05	0.000819458
YGL02_GNYA1SO04JFO65	11.26170035	-0.913066226	-0.003071753	-0.282471131	0.368921515	0.073673283	0.200080075	0.004824767	0.033028325
YGL02.16934.C1	5.964152335	-0.913075074	0.04948419	-0.520092781	-0.025060455	0.129076675	0.532284336	0.006118665	0.039191116
YGL02.10667.C1	6.007562849	-0.913339741	0.726548605	0.761031815	0.056113063	0.765180991	0.520508762	0.00437351	0.030716999
YGL02.6887.C1	7.220915825	-0.913764063	0.065020408	-0.508822934	-0.354376533	0.014764602	0.32826847	4.40E-05	0.001198285
YGL02_GNYA1SO04I2TAX	8.133107629	-0.91403744	-0.419290306	-1.258029555	-0.061979359	0.27634455	0.984220683	1.78E-05	0.000637341
YGL02_GNYA1SO04H6BCT	8.31723974	-0.914298902	-0.063266824	-0.234010988	-0.475681654	0.251358515	0.772450897	6.08E-05	0.001489187
YGL02.2811.C3	4.009354596	-0.914318314	-1.231383816	-0.972419506	0.142419255	1.112389407	0.730200503	0.00846336	0.04941767
YGL02.18257.C1	7.427874531	-0.914778417	-0.129958048	-0.583118987	0.519693378	0.306566019	0.017558302	0.002702931	0.021776955
YGL02.2363.C1	9.946490551	-0.914977103	-0.150400093	-0.466466571	0.85436057	0.064683221	0.185778121	0.000118202	0.002377209
YGL02.8215.C1	8.043901611	-0.915188523	-0.086552645	-0.402425706	-0.229632749	0.350844872	0.676985918	1.93E-05	0.000677385
YGL02_GNYA1SO04H4A4D	5.407315814	-0.915437266	-0.806381065	-0.562046046	-0.887119843	1.517523746	1.019119297	0.008117336	0.048003344
YGL02.12467.C1	6.243161059	-0.915584244	0.259180664	-0.515247546	-0.788882839	0.15264986	1.030371022	0.005460985	0.036129021
YGL02.7610.C2	8.288682532	-0.915651518	-0.294622579	-0.671112622	-0.11825677	-0.029671015	0.160577436	3.92E-06	0.000238095
YGL02.1121.C1	6.875544624	-0.915680285	-0.43934439	-0.814758745	0.045026781	0.391139941	0.857698345	0.000558978	0.007074517
YGL02.7810.C1	9.315793268	-0.91571356	-0.307501755	-0.790447603	0.013208393	0.275359985	1.014285699	3.91E-07	5.53E-05
YGL02_GNYA1SO04JM0MF	7.172734356	-0.916037166	-0.624866934	-0.871402652	-0.070685682	0.747169698	0.882428968	0.001101863	0.011468318
YGL02.9589.C1	5.062396579	-0.916210294	0.388092889	-0.380779794	0.116851558	-0.318072538	0.614391205	0.008036396	0.047671408
YGL02.14342.C1	5.19106531	-0.916251089	-0.104501588	-0.718530031	-0.056384785	0.659521902	1.470416602	0.002961622	0.023201668
YGL02_GNYA1SO04ICOLP	3.547513487	-0.916499382	-0.879470566	-0.634895641	0.270907549	0.92903237	0.635213402	0.002674434	0.021583786
YGL02.11070.C1	8.532612314	-0.916582832	-0.162192747	-0.347175621	0.628940498	0.120349393	0.14133031	7.43E-05	0.00171896
YGL02.8693.C1	6.676936348	-0.916733864	-0.127263751	-0.013898341	0.79173436	0.164992232	-0.169458823	6.94E-05	0.00163784
YGL02.17468.C1	5.537070032	-0.916907302	-0.904805467	-1.297033759	-0.038350274	0.843396572	0.85711686	0.005525343	0.036433622
YGL02_GNYA1SO04IN7IN	7.146477393	-0.917008031	-0.030665849	-0.161881477	0.207719405	0.098532045	0.307662889	0.000160487	0.002938725
YGL02_GNYA1SO04JFHWJ	6.521046137	-0.917392834	0.038238128	0.696419907	0.302274638	0.707761658	0.645819477	0.008544688	0.049749053
YGL02_GNYA1SO04JVSZU	8.07048407	-0.917514682	-0.236941926	-0.201825942	0.174588836	0.201844876	0.286106359	1.88E-05	0.000663078
YGL02_GNYA1SO04I01DT	8.975693938	-0.917571312	-0.364133806	-0.709805876	-0.004770762	0.633942133	0.826316191	0.000108949	0.002254138
YGL02.12648.C1	9.233288082	-0.917963021	-0.234581433	-0.405296913	0.015741657	0.253701209	0.628479261	1.33E-06	0.000120129
YGL02_GNYA1SO04JCPWP	7.148570085	-0.917995682	-0.940476396	-0.855904244	0.134509063	0.467025711	0.826187266	0.005799003	0.037735151
YGL02_GNYA1SO04ISDME	8.571684754	-0.918304848	-0.18276033	-0.679758459	0.06453271	0.316835109	0.700216293	1.36E-05	0.000528976
YGL02_GNYA1SO04JOKEM	11.39309998	-0.918504285	-0.244732672	-0.683563056	-0.31784253	-0.042876925	0.309667668	5.73E-08	1.98E-05
YGL02_GNYA1SO04INTNC	11.54477715	-0.918714907	-0.115471626	-0.355485694	0.507974087	0.08635256	0.084154258	0.001753235	0.01600568
YGL02_GNYA1SO04I3SUR	7.003271803	-0.918735417	-0.022301057	-0.169250977	0.436834588	0.329422103	0.359586721	6.82E-05	0.001615894
YGL02_GNYA1SO04ITG75	6.638289557	-0.918925958	-0.288815589	-0.647195825	0.287394189	-0.03942863	0.651433188	0.001212645	0.012286587
YGL02_GNYA1SO04JE349	5.66273683	-0.918952277	-0.286685509	-0.227739816	-0.060316448	0.263323835	0.809624781	0.000807509	0.009223164
YGL02.11896.C1	8.703892518	-0.919060781	-0.578643991	-0.469278623	0.065554259	0.261444617	0.261342844	1.34E-05	0.000524047
YGL02_GNYA1SO04JYK7K	10.72577118	-0.91906911	-0.814485854	0.214408093	1.584008929	0.294545504	0.081744934	0.000244361	0.003949107
YGL02.22673.C1	7.047113146	-0.919085979	0.180095878	0.244248739	-0.286780599	0.165896149	0.654140657	0.003278043	0.024976432
YGL02.852.C2	11.02966907	-0.919102272	0.110213811	-0.437162201	-0.336482479	0.212686037	0.571439666	0.000353638	0.005128836
YGL02_GNYA1SO04J0Y60	5.364277047	-0.919165802	0.148613472	0.361907424	0.356208415	-0.216777732	0.156400316	0.005788558	0.03768558
YGL02.3140.C1	7.752113778	-0.919218182	-0.523573163	-0.526008311	0.047661757	0.338478106	0.625835268	0.003902368	0.028263321
YGL02.14918.C1	7.913950866	-0.919487478	-0.898359729	-0.605119848	-0.355561979	0.138649889	0.538664043	0.000330968	0.004904968
YGL02.2362.C1	6.318222083	-0.919654377	-0.027241082	-0.530873175	-0.096153691	0.274762714	1.358876616	0.002958076	0.023185109
YGL02.4452.C1	5.840179719	-0.919737117	0.537171676	-0.092019798	0.068740614	0.344827036	0.69051598	3.59E-06	0.000225041
YGL02.1964.C9	11.08532792	-0.919766039	-0.138701868	-0.405276314	0.544378019	0.267149988	0.073445657	0.005568113	0.036646599
YGL02.479.C42	9.984943881	-0.920023839	1.449640705	0.615501831	-0.098357612	-0.272949848	0.218016819	3.20E-05	0.000962272
YGL02.18146.C1	9.602381342	-0.920040737	0.030578518	-0.623032526	-0.134361227	0.583672825	1.061165848	2.86E-06	0.000194483
YGL02.11063.C1	8.098043536	-0.920072374	-0.194310355	-0.286711756	-0.105143206	0.233628176	0.512851936	0.000162556	0.002964042
YGL02.3705.C3	6.777645079	-0.920197401	-0.288108479	0.568150608	-0.518556138	0.099080766	-0.001525235	0.00049562	0.006481999
YGL02_GNYA1SO04JF5N3	4.399073799	-0.920216335	0.519283186	-1.181835066	-0.248154151	0.803600256	2.121196203	0.001884966	0.016822811
YGL02_GNYA1SO04I7KTH	7.72240825	-0.920444606	-0.049016632	-0.431804449	0.392504166	0.047578037	0.393935578	0.000286647	0.004431207
YGL02.3114.C1	4.186042859	-0.920450753	-0.432122349	-0.74111644	-0.457281188	0.761784818	0.975306695	0.000704698	0.008353799
YGL02_GNYA1SO04IFXGG	7.026810639	-0.920473954	0.126190658	0.079100283	0.037668816	0.116032326	0.076526446	0.00043068	0.005878169
YGL02_GNYA1SO04JR1GH	7.765567424	-0.920487028	-0.712313654	-0.341136188	-0.12924187	0.666103618	0.300636826	0.000258064	0.004106219
YGL02.8375.C1	7.275455182	-0.920495347	-0.108182121	-0.185521765	0.252323771	0.537395303	0.799855867	4.50E-05	0.001216261
YGL02_GNYA1SO04JCZ9Y	8.161533529	-0.920651943	-0.28903745	-0.771913936	0.142853557	0.158422605	0.193424329	0.000176884	0.003144174
YGL02.14108.C2	6.40882339	-0.920750312	0.102984283	-0.264197169	0.462772226	0.25615254	0.610384478	3.18E-05	0.000958096
YGL02.11292.C1	5.773840784	-0.920857061	0.130686772	-0.240600092	1.787229488	-0.139634652	0.291198682	0.00680488	0.042230175
YGL02_GNYA1SO04JW668	7.898925523	-0.920923987	-0.849201376	-0.70550822	0.078822328	0.566987032	0.615909694	0.000480322	0.006345582
YGL02.3910.C1	7.363348855	-0.920927428	-0.291496441	-0.574305775	-0.189199941	0.309416537	0.532289736	0.007349961	0.04471082
YGL02.7907.C1	4.257090292	-0.920966471	-0.666707506	-1.162688895	-0.079958068	0.65622431	1.804205158	0.004147656	0.029571791
YGL02.23309.C1	7.839585579	-0.92115636	-0.294414379	-0.840423512	0.376722635	0.102081955	0.57929652	9.70E-06	0.000425694
YGL02_GNYA1SO04IRS0W	6.706867301	-0.921230468	0.001864525	-0.495781338	0.329664755	0.3874003	0.67055098	0.004488763	0.031298996

YGL02.1891.C2	9.38958986	-0.921523629	-0.191120555	-0.413622745	0.754541419	0.038423231	0.124574697	1.09E-05	0.000458842
YGL02_GNYA1SO04IF0H5	7.317116724	-0.921555103	-0.649955604	-0.389428407	0.758822712	0.291825643	1.484093805	0.001748194	0.015969762
YGL02_GNYA1SO04JM3PX	8.107200395	-0.921669752	-0.069237765	-0.371751946	0.43228791	0.195592875	0.156966086	2.84E-05	0.000884348
YGL02_GNYA1SO04I8IIV	11.72758735	-0.921937167	-0.257162219	-0.492697965	0.8020801	0.068510419	0.109200187	1.72E-05	0.000623232
YGL02_GNYA1SO04JXIK6	7.189051394	-0.922166021	0.152574581	-0.421466643	0.651161721	-0.396250226	-0.389472397	0.006732927	0.041944451
YGL02_GNYA1SO04I35TD	10.33999222	-0.922167891	-0.09108552	-0.441397802	0.224183034	0.392022421	0.896192584	4.51E-05	0.001218971
YGL02.2055.C1	7.856635564	-0.922510803	-0.321771825	-0.758813226	0.474385088	0.283158685	0.45238069	8.68E-07	9.27E-05
YGL02.8068.C1	8.91104137	-0.923002351	-0.045672288	-0.322177936	-0.321699191	0.087476727	0.295717834	3.81E-06	0.000233174
YGL02_GNYA1SO04JLGSV	8.513928362	-0.923006281	-0.113950283	-0.397769776	-0.065209268	0.352424974	0.36355522	0.00019108	0.003321812
YGL02_GNYA1SO04I3OFC	6.373798062	-0.923020739	0.09766434	-0.274722866	-0.06455869	0.107748781	0.39288468	0.00397477	0.028645111
YGL02_GNYA1SO04H9HIJ	10.45910442	-0.923621413	-0.16265161	-1.015171769	-0.015582862	0.125632081	0.63477638	3.90E-06	0.000237256
YGL02_GNYA1SO04JRJIZ	10.98993214	-0.924004684	-0.107833915	-0.399487038	1.047815649	0.091204011	0.129546274	8.60E-05	0.001907452
YGL02_GNYA1SO04JDKEI	11.50597092	-0.924316869	-0.064701742	-0.383155937	0.930128865	0.224638969	0.32575641	0.002200841	0.018782399
YGL02.12795.C1	7.016647331	-0.924740039	-0.13864416	-0.715100555	0.277635103	0.349730309	0.775489715	0.000609316	0.007516914
YGL02_GNYA1SO04IPBSC	7.052561223	-0.924861228	-0.096495757	-0.207820734	-0.429995802	0.649732749	0.48717148	0.00101508	0.010822548
YGL02_GNYA1SO04I6U51	8.796276408	-0.924862311	-0.366814267	-0.168222724	0.805569374	0.169485799	0.065011154	0.000214501	0.00360231
YGL02_GNYA1SO04I38UB	7.417696552	-0.924896198	-0.206441624	-0.410385075	0.340324324	0.113066162	0.29510553	8.60E-06	0.000394282
YGL02.6202.C1	8.091751729	-0.925018567	0.65432311	0.020849656	0.419969686	0.497909571	0.487406135	0.005170999	0.034724805
YGL02_GNYA1SO04IVHY9	6.446192701	-0.925166121	-0.466291411	-0.153016652	-0.143997244	0.585210562	0.480239299	0.000263603	0.004171967
YGL02.7812.C1	7.125392116	-0.925173741	-0.386981835	-0.217313847	0.078161753	0.298372026	0.734218649	0.00010873	0.002250967
YGL02.4664.C13	8.696712638	-0.925200053	-0.04895287	-0.185654373	0.85996427	0.070962993	0.096116606	5.08E-05	0.001316176
YGL02.3722.C2	7.661062443	-0.925221009	-0.199880993	-0.322218158	0.071767526	0.010038493	0.227680738	0.000507352	0.006585909
YGL02_GNYA1SO04IQ6D4	4.202852171	-0.925375297	-0.117092182	-0.320153163	-0.478171193	0.295215173	0.850802097	0.003351492	0.025361476
YGL02_GNYA1SO04J0MDO	9.032474827	-0.925824676	0.029506081	-0.295995397	0.56675932	0.029515512	0.194311318	0.001010885	0.010786697
YGL02.4899.C2	8.780772308	-0.925895994	-0.18542168	-0.326167404	-0.039157432	0.374563905	0.607191678	7.36E-07	8.28E-05
YGL02_GNYA1SO04JARXW	10.80632593	-0.9259167	-0.463040401	-0.842561387	-0.321801238	-0.003307802	0.326151239	6.39E-06	0.000324995
YGL02.20063.C1	8.945448485	-0.925946069	0.037091293	-0.198252259	0.262055718	0.259949032	0.312596538	0.0069189	0.042724831
YGL02.9261.C1	8.718539233	-0.926516077	-0.481058726	-0.97599009	0.207433584	0.108669759	0.639447738	0.000224609	0.00372547
YGL02.1792.C3	11.5515915	-0.926865865	0.14258774	-0.157774908	-0.178051634	0.022186951	0.482092558	0.000769161	0.008905421
YGL02.1825.C2	7.971559899	-0.926984288	0.213646211	-0.743979475	0.138813845	0.109818386	0.872486343	1.71E-05	0.000620502
YGL02_GNYA1SO04H40XC	8.560741526	-0.927070337	-0.09228725	-0.900134653	1.734121767	0.111801873	0.577052414	0.000175788	0.003132115
YGL02_GNYA1SO04IDMVW	7.680781546	-0.927192751	-0.207128307	-0.169698707	0.936787377	0.120889246	0.016074617	0.005028392	0.034044321
YGL02_GNYA1SO04IW7JQ	8.359137401	-0.927364391	-0.172554584	-0.285168328	0.501881305	0.155366026	0.008083386	0.000134829	0.002608314
YGL02.4525.C1	8.20759232	-0.927526141	0.133734217	-0.198159999	-0.187643815	0.075079292	0.475735723	3.06E-05	0.000932758
YGL02_GNYA1SO04IZT3W	9.320620488	-0.927714042	0.001060794	-0.651836068	-0.063196635	0.285037738	0.895718076	6.20E-06	0.000318153
YGL02.2953.C1	8.082386287	-0.927763752	-0.074474191	-0.625004324	-0.224399692	0.115086794	0.731091304	6.97E-07	8.01E-05
YGL02.16355.C1	9.001952494	-0.927920179	-0.201215828	-0.59902546	-0.088556193	0.206517268	0.611255536	9.16E-08	2.45E-05
YGL02.4908.C2	7.332635273	-0.928242654	-0.258134816	-0.239748088	-0.099568852	0.13454803	0.705118216	4.57E-05	0.001228649
YGL02.21519.C1	4.321255567	-0.928547584	-0.894120738	-0.572936662	0.707694921	0.661656366	0.718593324	0.003807665	0.027770008
YGL02.8416.C1	7.906015572	-0.928694017	-0.018697687	-0.495363672	0.083735378	0.175847326	0.749699079	0.000740298	0.008661634
YGL02.17392.C1	5.591562741	-0.928995673	0.078552562	-0.258275175	0.509430026	0.110901779	0.036473552	0.000594767	0.007388104
YGL02.5272.C1	7.500234593	-0.929246179	-0.143435412	-0.236773999	-0.106789081	0.108689476	0.60179275	9.75E-06	0.000426929
YGL02_GNYA1SO04I9AKR	4.949352408	-0.929374982	-0.297993279	-0.016974407	0.317617148	1.006378251	1.026053129	0.002151518	0.018468574
YGL02.16244.C1	7.50201081	-0.929557505	-0.077245313	-0.612474889	-0.075575238	0.23733205	0.557824063	5.19E-06	0.000284753
YGL02.23299.C1	7.759438298	-0.929764637	-0.111609489	-0.411828952	0.925909406	0.13559886	-0.075097142	0.008334997	0.048882019
YGL02_GNYA1SO04JYBC4	9.243310767	-0.929908243	-0.139960116	-0.740700926	0.512916032	0.256696904	0.224521297	0.000243301	0.003938854
YGL02_GNYA1SO04H2JP7	7.370921061	-0.930193268	-0.030093939	-0.75263636	-0.035481496	0.251918188	0.791600496	0.000331506	0.004909114
YGL02_GNYA1SO04IDP31	12.73866135	-0.930518108	-0.208580718	-0.585546854	-0.260211804	0.123782557	0.612679855	1.62E-05	0.000599175
YGL02_GNYA1SO04I3ZI6	11.07889592	-0.930760706	-0.050290129	-0.292439125	0.486281982	0.016520375	0.171913807	0.001010717	0.010785793
YGL02.7754.C1	7.970950937	-0.93080224	-0.324036824	-0.681823287	-0.252454448	0.551751698	0.869428024	1.50E-05	0.000567629
YGL02.22901.C1	7.281719091	-0.931269652	-0.028117535	-0.197868374	0.034331631	0.292316341	0.547929259	2.36E-07	4.05E-05
YGL02_GNYA1SO04JY9Z5	5.916656381	-0.931570612	-0.095949916	-0.145100145	0.038669559	0.389423017	0.761929647	0.000635252	0.007755604
YGL02.15102.C1	7.449543525	-0.931885572	0.040603589	-0.285793855	-0.00926288	0.299718079	0.588170711	0.00325059	0.02482129
YGL02.8802.C2	9.059345562	-0.931936249	0.100513456	-0.65792619	0.041880963	-0.339625437	0.283691251	8.31E-05	0.001864584
YGL02.18149.C1	7.661635065	-0.931993828	-0.13443151	-0.720123942	0.119592951	0.26807422	0.686811627	2.18E-06	0.000164581
YGL02_GNYA1SO04IFW4M	7.090360174	-0.932141403	0.061330236	-0.532618771	-0.801872602	0.343183615	0.714400112	0.003402737	0.025629156
YGL02.9663.C1	5.820258108	-0.932154878	0.279317025	-0.017491117	0.027537558	-0.119061416	-0.084788073	0.000137957	0.002649286
YGL02.12400.C1	9.305854957	-0.932563848	0.481317942	-0.7553274	-0.025905298	0.065974466	0.613902513	1.35E-05	0.000526261
YGL02.11900.C1	6.152421683	-0.933242677	-0.430355657	-0.189884869	0.048578094	0.884794509	0.447299657	0.00018667	0.003265653
YGL02_GNYA1SO04IZZ6Y	7.308587084	-0.93328923	0.006986406	-0.38933595	0.248123973	0.149669413	0.677351666	0.000611775	0.007538631
YGL02.17340.C1	7.375889714	-0.933325943	-0.034136588	0.1389178	-0.033754005	0.403579868	-0.162614699	0.006913332	0.042704701
YGL02.20776.C1	4.117194722	-0.933490386	-0.202329789	-0.818959508	-0.144576838	0.100405754	1.028336997	0.006511387	0.040944468
YGL02.3266.C5	3.820974666	-0.933715425	0.759393821	0.300614282	0.16143113	-0.357323548	-0.198474767	0.004753227	0.032657707
YGL02.4719.C1	4.112793799	-0.933803701	-0.278497043	-0.90602754	0.440085178	0.361872088	0.916473101	0.000558157	0.007067076
YGL02_GNYA1SO04IHEEH	5.394105524	-0.933987246	0.562865583	-0.068724203	0.527420711	0.116656075	0.837163267	0.006286867	0.039934054
YGL02_GNYA1SO04H1PBB	10.24804184	-0.934446917	-0.81758759	-1.273803425	0.213721219	0.001114246	0.348511312	0.000101971	0.002152412
YGL02_GNYA1SO04IMMQG	9.153261915	-0.93531696	-0.109586261	-0.371905913	0.352426664	0.097791648	-0.026723006	0.00534105	0.03557264
YGL02_GNYA1SO04IFI2J	9.744129444	-0.935557648	0.075124338	-0.426425649	-0.21784719	0.278690905	0.751023908	1.84E-05	0.000652928
YGL02.4851.C1	5.590929462	-0.935635751	-0.110179876	-0.459434555	0.119446478	0.155992429	0.986149607	0.00010839	0.002245439
YGL02_GNYA1SO04JOTGV	8.459347483	-0.935685561	-0.394993475	-0.596888431	-0.044904509	0.328957856	0.320047188	0.000336737	0.004962074
YGL02_GNYA1SO04IFV4T	5.920395388	-0.935872536	-0.526843617	-0.469137173	0.001656775	0.32868098	0.915407549	0.004282912	0.030257924
YGL02.16267.C1	5.605420562	-0.936360475	0.144413784	-0.292951762	0.407907501	0.286634255	0.628460352	0.007380124	0.044847959
YGL02_GNYA1SO04H25M4	8.339537828	-0.936466445	-0.016321307	-0.374249412	-0.061066262	0.406595565	0.633614906	2.94E-05	0.000909049
YGL02_GNYA1SO04JUS7J	8.031074324	-0.936611824	-0.230866995	-0.616365687	0.227671586	0.396534626	0.508321833	2.16E-05	0.000731367
YGL02.3218.C1	8.791866527	-0.936963057	-0.384451372	-0.130545791	0.361242981	0.268084018	0.42613956	0.000157325	0.002898974
YGL02.6823.C1	8.613142115	-0.937069509	-0.208466738	-0.432349865	-0.232332129	0.174917756	0.607424109	3.58E-05	0.001041969
YGL02.3308.C1	6.581829585	-0.93713759	-0.031834246	0.078851045	-0.692688468	0.218045266	0.728680803	0.008405791	0.049185827
YGL02.5928.C1	7.428358939	-0.937226993	-0.503978661	-0.568542388	-0.026856036	0.051192995	0.706248594	9.03E-05	0.001978324
YGL02_GNYA1SO04I9W8H	6.610437084	-0.937233929	-0.200644707	-0.447401996	0.026722536	-0.199209074	0.279646212	0.008399839	0.049157664
YGL02_GNYA1SO04IRELP	7.455196887	-0.937812621	0.130440405	-0.338983879	0.26153348	0.489754284	0.732106948	0.000896142	0.009923954
YGL02_GNYA1SO04IVAKC	10.07719812	-0.937859802	-0.145417227	-0.334802423	0.721464853	0.110780912	0.04702466	0.000793393	0.009102749
YGL02.5652.C14	10.82478666	-0.937952713	-0.187825201	-0.627140297	1.104339513	0.133577445	0.238383543	0.000601088	0.00744307
YGL02_GNYA1SO04IDGML	8.010376077	-0.938105236	-0.049314221	-0.56250082	0.081845702	0.17400739	0.600863139	0.000442151	0.005984276
YGL02.5690.C10	5.44932463	-0.938177196	0.110632614	-0.298277024	0.517598531	0.155151847	0.529080529	0.000820106	0.009320042
YGL02_GNYA1SO04JPVTZ	6.175494171	-0.938225019	-0.102703433	-0.504605414	0.238361263	-0.174563605	0.208965221	0.000201958	0.003453474
YGL02_GNYA1SO04JIYSG	4.772238882	-0.939183097	0.932207963	2.351805878	-0.455056671	0.367768421	0.908743094	0.006977096	0.042996034
YGL02_GNYA1SO04IYWG0	8.133158642	-0.939416517	0.056565088	-0.247921094	0.250435113	0.380650729	0.443192255	0.008130662	0.048060692
YGL02.835.C7	9.230217793	-0.939543578	-0.121020317	-0.298717907	0.98936776	-0.009248845	-0.020261862	3.74E-05	0.001075238
YGL02.3513.C4	7.586511864	-0.939738169	-0.052081543	-0.616383363	0.233776908	0.401424351	0.731891867	0.000107173	0.002226535
YGL02.5624.C1	7.067907333	-0.939763655	0.162782962	-0.120606361	-0.199441411	0.176344402	0.522664605	7.95E-05	0.001803434

YGL02_GNYA1SO04JJO1A	5.534201472	-0.939779148	-0.430979502	-0.839250329	0.752198786	0.699639306	1.057827781	0.001197753	0.012173799
YGL02_GNYA1SO04I6XOK	7.81755784	-0.93979163	-0.085851608	-0.77230322	0.135794293	0.111133331	0.527674355	1.95E-05	0.000682907
YGL02.4048.C2	5.334950561	-0.939886111	-0.185399141	-1.140213419	0.667333643	0.307834754	0.587752131	0.001264546	0.012647195
YGL02.22784.C1	8.131904267	-0.940098186	-0.623820539	-0.6316243	0.161003231	0.948509457	0.623348084	0.000422723	0.005809983
YGL02_GNYA1SO04IMXHK	6.357632044	-0.940449638	0.202965589	0.031801739	0.000654913	0.391984194	0.563954463	0.005299019	0.035360783
YGL02_GNYA1SO04ITSDF	5.976284543	-0.940606925	-0.229744572	-0.499036194	-0.309011263	1.002272151	1.013470231	0.004882899	0.033306545
YGL02_GNYA1SO04I2PCP	6.732167459	-0.940728466	-0.281938592	-0.282469716	-0.224722133	-0.176816204	0.150038339	0.004479897	0.03124559
YGL02_GNYA1SO04H2UFS	6.786069616	-0.940971426	0.096637441	-0.7645338	0.312464628	-0.360230389	0.597844326	0.002852114	0.022629897
YGL02_GNYA1SO04H5JM8	6.690041996	-0.940972156	-0.39424113	-0.650629984	0.195239151	0.558233589	0.93637697	0.000908652	0.010022012
YGL02.1948.C1	6.095170917	-0.941037024	0.299486005	0.137701933	0.586657073	0.325952549	0.320162456	0.008190001	0.048298525
YGL02.17121.C1	6.694872805	-0.941108714	-0.086244338	-0.447042682	0.784103965	0.118817326	0.16830484	0.001521937	0.014463014
YGL02.14840.C1	10.14993415	-0.941200826	0.089501171	-0.380362678	-0.103919523	-0.11490531	0.381431517	2.44E-06	0.000176156
YGL02_GNYA1SO04IGRCS	8.800367887	-0.941241511	-0.214018006	-0.4796546	0.021635299	0.07987312	0.436090967	7.55E-06	0.000362628
YGL02_GNYA1SO04JEMTO	9.175707614	-0.941271181	0.620691488	0.453065519	-0.302785318	0.358331583	0.57607216	0.000694085	0.008263338
YGL02.740.C2	3.418804598	-0.942388633	0.418210726	-0.276280511	1.799112843	-0.259912271	0.432899946	0.002398161	0.01997762
YGL02_GNYA1SO04IY5SQ	10.80734005	-0.94243123	0.094290828	-0.502145374	-0.295811885	-0.100408331	1.049865018	2.10E-06	0.000160616
YGL02_GNYA1SO04JP9X9	10.17777691	-0.942473145	-0.15584988	-0.680197429	0.173308425	0.126202976	0.769049729	0.000557555	0.007062032
YGL02.5652.C3	8.229361479	-0.94250315	-0.064497881	-0.243311784	0.496809499	0.053028259	-0.030304011	0.002081838	0.018043259
YGL02_GNYA1SO04IFABK	9.386377103	-0.9425378	-0.168700125	-0.203658808	0.520072757	0.159918401	0.248154793	9.76E-05	0.002086327
YGL02_GNYA1SO04ILT2A	11.11246151	-0.942546476	0.274740562	-0.500318067	-0.162957633	0.097271554	0.638815752	3.44E-06	0.000218783
YGL02.982.C1	7.638766449	-0.943276289	-0.241594992	-0.494633581	0.048857765	-0.003176975	0.733463599	2.71E-05	0.000854686
YGL02.23001.C1	3.820179919	-0.943604532	-0.917834966	-0.984776153	0.234256918	1.617333655	1.487008035	0.008553443	0.04977541
YGL02.2160.C1	6.194816883	-0.943795985	-0.045788155	-0.484375947	1.044365955	-0.046759177	0.283772705	0.002374586	0.019835107
YGL02_GNYA1SO04JDX89	6.425182029	-0.943812788	-0.215533128	-0.354904732	1.236403936	0.303654729	-0.12364494	0.003620896	0.02680353
YGL02.22365.C1	6.400401946	-0.943969013	-0.198241095	-0.269161303	0.560115484	0.228688312	0.414046303	0.001290876	0.012832241
YGL02.20308.C2	6.499611165	-0.944070993	-1.116564672	-0.644149798	0.042557669	1.307949527	0.972938103	0.000553342	0.007026374
YGL02_GNYA1SO04JG3MR	6.653131099	-0.944145372	-0.079720978	-0.1146473	0.629178929	0.095125067	0.217631889	9.64E-05	0.002072078
YGL02_GNYA1SO04I9J6D	6.338454814	-0.944315643	0.298990154	-1.002435645	-0.52909455	-0.136970135	0.647303462	0.001366194	0.013366515
YGL02.5641.C1	8.196284782	-0.944426521	-0.132428688	-0.559386564	-0.123051228	0.299679462	0.711943105	1.58E-06	0.000134522
YGL02_GNYA1SO04IBUJW	8.354201388	-0.944546603	-0.105537586	-0.339742722	0.561508681	0.231826314	0.07538479	0.001157857	0.011883031
YGL02.5019.C1	5.899198761	-0.944715763	-0.427518723	-0.369987551	-0.032724442	0.351838835	0.46711909	0.00544866	0.036067558
YGL02.21598.C1	8.442124583	-0.944759021	-0.132442858	-0.349752707	0.667239179	0.171221265	0.150287792	0.003252704	0.02483158
YGL02_GNYA1SO04ITY76	7.761446443	-0.944886826	-0.134045797	-0.087445988	-0.317203659	0.412458678	0.773603756	0.000159147	0.002921213
YGL02_GNYA1SO04I6FS2	6.715967197	-0.944969931	0.10484043	-0.204780488	0.430908079	-0.002810426	-0.005892833	0.000591255	0.007359612
YGL02_GNYA1SO04JDG7P	9.53245414	-0.944987059	-0.216955469	-0.659329277	0.185429263	0.229799186	0.688351591	3.61E-06	0.00022589
YGL02.635.C4	11.72420519	-0.945131435	-0.102502851	-0.632121439	-0.386926905	0.11323138	0.778939976	2.21E-05	0.000743093
YGL02.6245.C2	4.92815739	-0.945274396	-0.033513673	-0.196279831	1.201991982	-0.246893749	-0.179433749	0.008236639	0.048483032
YGL02_GNYA1SO04JS7O8	6.400543701	-0.945278938	-0.0672114	-0.448091064	0.220306195	0.653307254	1.245525891	0.001021025	0.010864461
YGL02_GNYA1SO04IUJIE	6.393491052	-0.945746063	0.035312331	0.038427195	0.759866145	0.22902514	0.403680992	0.003715916	0.027293007
YGL02.16547.C1	8.278964711	-0.946131403	-0.066014371	-0.515855112	0.41993027	0.210899071	0.662031761	5.85E-06	0.000307298
YGL02_GNYA1SO04JWGNA	8.223911412	-0.946160195	0.043501284	-0.200237273	0.362612829	0.059727027	0.090210501	0.002785316	0.022256714
YGL02_GNYA1SO04I4R24	6.938067408	-0.946609714	0.37328803	-0.088711463	-0.307211106	0.169743795	0.702295112	0.001458566	0.014021316
YGL02_GNYA1SO04JRX5F	6.892809026	-0.946728951	0.067284707	-0.979154693	0.008643684	0.025268804	0.588603203	0.00065397	0.007918503
YGL02_GNYA1SO04JPGCS	8.223004016	-0.947047508	0.017270057	-0.294022978	0.194011654	0.357565871	0.685525301	0.005344279	0.035582134
YGL02.5301.C1	8.047841509	-0.947087477	0.055059381	-0.502683801	0.180921876	0.109647615	0.849159387	3.93E-05	0.001108219
YGL02_GNYA1SO04I7F0U	8.536313868	-0.947115473	-0.056492969	-0.829105543	-0.626785919	-0.273789475	0.304494109	8.55E-05	0.001899958
YGL02_GNYA1SO04IRGWC	9.078733512	-0.947217902	-0.215354295	-0.481579435	0.915957218	-0.054710972	0.168351417	3.00E-05	0.000920041
YGL02.5746.C2	4.727976931	-0.94735848	1.041269242	-0.76899421	-0.885383645	-0.28405072	0.947830582	0.000606956	0.007496377
YGL02.1825.C1	7.995388461	-0.94746036	-0.037577304	-0.932279193	0.155738623	-0.00934592	0.610464954	4.69E-05	0.001247734
YGL02_GNYA1SO04I1DI0	7.735204885	-0.947476298	-0.279381271	-0.702188654	-0.167220494	0.026106992	0.261642897	0.001040188	0.01102489
YGL02_GNYA1SO04H4C7M	9.214149942	-0.947599853	0.09012028	-0.268060882	0.764446305	0.070459704	0.250791869	0.004262585	0.030149397
YGL02.6933.C1	7.309719478	-0.94762579	-0.165092049	-1.494565575	0.113294477	0.070557724	0.959408546	0.003512986	0.02622343
YGL02.9032.C1	9.420594466	-0.947674818	-0.023665185	-0.561756588	0.185141148	0.174357459	0.605253387	0.000326995	0.004859993
YGL02_GNYA1SO04IO22W	9.904996905	-0.947682343	-0.057991691	-0.984541298	0.349391522	0.334935346	1.040787043	0.000441181	0.005971782
YGL02.4222.C1	10.72608839	-0.948111801	0.124373755	-0.157837139	-0.338845769	0.052248334	0.276613357	1.38E-07	2.96E-05
YGL02_GNYA1SO04H2QFT	8.967924202	-0.948132329	-0.594160317	-0.683066876	-0.199849089	0.767663091	0.75943288	0.000191727	0.003328436
YGL02_GNYA1SO04JHR1N	6.08833427	-0.948262289	-0.048003015	0.096230799	0.628625586	0.548010262	0.060592834	0.001360562	0.013323486
YGL02.323.C1	7.895575603	-0.948446381	-0.004247865	-0.244635059	-0.19013127	0.048408177	0.482352394	1.43E-06	0.000126235
YGL02.329.C83	8.766077114	-0.948571064	-0.044519665	-0.764722105	0.036368809	0.488180796	0.920062387	0.002111838	0.018208981
YGL02_GNYA1SO04JI66Y	7.855180119	-0.948575558	0.083121878	-0.205425727	0.267731289	-0.148798406	-0.049731273	9.44E-05	0.002041459
YGL02.2982.C1	11.27153159	-0.949077443	-0.247099652	-0.549128496	-0.375978834	0.078420653	0.347742876	1.96E-06	0.00015396
YGL02_GNYA1SO04IICIU	9.718239229	-0.949098953	0.053919006	-0.609528826	0.040404398	0.236407906	0.76664415	9.78E-06	0.000427642
YGL02.1262.C1	9.482156587	-0.949121813	-0.051229195	-0.263127027	-0.218723529	0.249425862	0.580625719	7.33E-06	0.00035501
YGL02_GNYA1SO04H3ER5	7.331834792	-0.949217078	0.34795171	0.227439047	-0.464987972	0.513743434	0.430403972	0.000192987	0.003344573
YGL02_GNYA1SO04I2TWB	8.144939937	-0.949407048	-0.117240456	-0.513703821	0.241796379	0.184773569	0.595887223	1.85E-05	0.000656024
YGL02_GNYA1SO04JZI1B	8.277468244	-0.949613194	0.033539958	-0.312088217	-0.019537539	0.263891018	0.25367891	0.000360123	0.005195066
YGL02.13826.C1	5.593778574	-0.949876877	-0.211653086	-0.620811093	0.42364079	-0.139741482	1.033182377	0.002466668	0.020383394
YGL02_GNYA1SO04JMF7F	7.006353891	-0.950009918	-0.735232078	-0.693516239	0.358799606	0.985234715	1.119362481	0.003987991	0.028720533
YGL02.12205.C1	5.1395327	-0.950173311	0.471342204	0.272942345	0.139018216	0.667026525	0.293591244	0.003639748	0.02689526
YGL02.5764.C2	7.323815077	-0.950202742	-0.362370705	-1.335915676	-0.12156863	0.133169349	0.698381574	0.000283302	0.00439734
YGL02_GNYA1SO04JADZO	8.162022118	-0.950605581	-0.538988155	-0.952973527	0.234592031	0.238762923	0.748148371	2.79E-06	0.000191355
YGL02.10223.C1	6.478021126	-0.950770218	0.163560858	-0.200508708	0.190744059	0.107008266	0.434629249	5.16E-06	0.000283363
YGL02.10161.C1	7.682285384	-0.950784521	0.017819446	0.298044524	-0.082268188	0.356467133	0.63128884	4.16E-06	0.000247079
YGL02_GNYA1SO04IEF2L	8.398011993	-0.950787178	-0.267965788	-0.50235107	0.380351086	0.188651774	0.161812879	0.000738509	0.008646174
YGL02.849.C9	7.348644419	-0.950901836	-0.621174073	-1.278615603	-0.231183498	-0.016293492	1.474579532	0.00024562	0.003963026
YGL02_GNYA1SO04H3CZT	6.845353433	-0.95119901	-0.357507682	-0.822192993	0.122549101	0.160221338	0.825249286	0.000316834	0.004757569
YGL02.12786.C1	9.787295277	-0.951227418	-0.057133162	-0.8750343	0.041449533	-0.081226193	0.311278049	0.000184356	0.003236228
YGL02.13435.C1	7.370266023	-0.951230665	-0.9961433	-0.937341506	0.073218287	0.286093866	0.565835743	0.000618051	0.00759612
YGL02.4097.C1	10.87717703	-0.951266842	0.111160802	-0.511101213	0.074875221	0.025612012	0.386547783	2.07E-05	0.000711281
YGL02.15319.C1	5.537053912	-0.951284268	-0.236638166	0.623277756	0.500121373	0.095505019	-0.318416627	0.003222792	0.024677417
YGL02.21768.C1	4.187839074	-0.951411297	-0.472875572	-0.315248774	-0.207146585	1.059521647	0.578781286	0.001645189	0.015278861
YGL02_GNYA1SO04H65BJ	5.867912721	-0.951600715	-0.157027473	-0.19494651	0.408609056	0.335253856	0.065942358	0.006150475	0.039321711
YGL02.13950.C2	8.470408678	-0.951704118	-0.352580066	-0.874116615	0.09796229	0.451859055	0.935991399	6.02E-05	0.001478599
YGL02.14517.C1	9.361837058	-0.95207243	-0.438820899	-0.925880707	-0.181513898	0.020278129	0.769680685	3.46E-06	0.000219314
YGL02_GNYA1SO04JCQFV	14.06118455	-0.952326787	0.100121484	-0.340459163	-0.081424072	0.162429352	0.652662037	8.15E-07	8.87E-05
YGL02.13961.C1	6.098246904	-0.95234857	-0.014116136	-0.242990512	1.469547812	0.068818526	0.080088681	0.002389056	0.019922564
YGL02_GNYA1SO04JOKBK	11.60452099	-0.952416488	-0.097053844	-0.345877589	0.604288112	0.069361001	0.19346643	0.001986614	0.017473493
YGL02.2864.C1	10.8697373	-0.952511856	-0.192098656	-1.082304922	0.250024998	-0.165766581	0.098360943	0.000479487	0.006338553
YGL02.329.C82	11.1764622	-0.952945547	-0.119124368	-0.49093721	0.673768171	0.020345732	0.186320171	1.04E-05	0.000444096
YGL02_GNYA1SO04JN47D	8.090572431	-0.953018033	-0.304229343	-0.34606078	1.249759533	0.409902335	0.195772899	0.001226657	0.012381089

YGL02.9083.C1	7.651158758	-0.953053127	-0.280698262	-0.577473494	-0.247806993	0.522448979	0.664068619	4.50E-05	0.001216261
YGL02_GNYA1SO04I6JZ0	7.6581797	-0.953054338	-0.690445214	-0.366595514	0.364098439	0.224280019	0.535048754	8.16E-05	0.001839656
YGL02_GNYA1SO04H8OJ6	6.442823208	-0.953080867	-0.136822601	-0.305684008	-0.484645683	0.59300416	0.678459672	0.006652129	0.041586629
YGL02.19673.C1	7.786710142	-0.953296081	-0.124657247	-0.331216605	0.118500759	0.033084681	0.312077927	3.57E-05	0.001039318
YGL02.18166.C1	10.4666774	-0.953327444	-0.11478548	-0.368674764	0.197862246	0.22109093	0.274594056	0.001129941	0.011678897
YGL02_GNYA1SO04H67BR	7.188772311	-0.953434154	-0.18903026	-0.617397173	-0.237418343	0.312138875	0.482814103	0.000306662	0.004652049
YGL02_GNYA1SO04H8CS5	6.027867094	-0.953463835	0.574669529	1.024293437	0.086578374	0.920003985	0.667440981	0.001580083	0.014848727
YGL02.13676.C3	7.413630982	-0.953574208	-0.220425147	-0.226329585	0.275767574	0.210089339	0.346226114	1.34E-05	0.000523316
YGL02_GNYA1SO04IBEDQ	6.459316236	-0.954001899	-0.139255599	-0.424879103	-0.033789577	0.582118494	0.573917711	0.003087426	0.023929553
YGL02_GNYA1SO04IAWCC	6.142219672	-0.95428874	-0.206262832	-0.1330405	0.403379474	-0.058544931	0.309024714	0.001907989	0.016975637
YGL02.4389.C1	7.400722702	-0.954309814	-0.000166849	-0.523850039	-0.182120346	0.202846571	0.695484946	0.000238033	0.003878301
YGL02_GNYA1SO04H1X1L	8.493586858	-0.954361091	0.085401979	-0.409321156	-0.028829123	0.167594723	0.811041856	0.002203299	0.018795945
YGL02_GNYA1SO04ITF1I	6.818544361	-0.954361311	0.001472163	-0.267271719	0.473187279	0.483844783	0.565343693	0.000196533	0.003387084
YGL02.16256.C1	8.15908425	-0.954427578	-0.292681238	-1.231894439	0.184906883	0.104478127	0.8144336	2.43E-05	0.000793545
YGL02.7031.C1	9.509007852	-0.954470109	-0.53806803	-0.620218661	0.129272434	0.006894214	0.457119431	1.01E-06	0.00010178
YGL02_GNYA1SO04JYYDW	8.816076718	-0.954485791	-0.329649555	-0.57655285	-0.057175787	0.270555113	0.382143752	8.00E-06	0.000376146
YGL02.2818.C22	9.60951487	-0.954558298	-0.030486753	-0.373886678	0.075144549	0.148742845	0.469493998	6.43E-07	7.58E-05
YGL02_GNYA1SO04ILH32	9.076035389	-0.954622026	-0.04213123	-0.395858395	-0.061661053	0.396262198	0.918826767	0.000276105	0.0043125
YGL02.1754.C1	7.670296679	-0.954668203	0.139992834	0.241142131	-0.157226346	0.497542908	1.038140189	0.000316248	0.004753188
YGL02_GNYA1SO04JI01J	4.683867743	-0.954701074	-0.051406405	-0.378999201	0.770548926	0.577617311	1.137818907	0.004304119	0.030361122
YGL02.3131.C1	7.785725929	-0.954709602	-0.097930167	-0.650013234	-0.326682912	0.246620346	0.159425487	5.20E-05	0.001336616
YGL02.1580.C4	8.042974312	-0.95473615	-0.362186195	-0.573782863	-0.07781356	0.01916746	0.067391285	0.000438507	0.005950491
YGL02_GNYA1SO04IKQM0	6.956960529	-0.954846873	0.005781775	-0.419242262	0.407157661	0.320669597	0.042766297	0.00017848	0.003160466
YGL02_GNYA1SO04INVGJ	6.239215124	-0.954943113	0.085455146	-0.252873675	0.151934655	-0.047597136	0.644336471	0.001009058	0.010776084
YGL02.14434.C1	6.386595531	-0.955082348	0.002192625	-0.535818361	0.379711883	0.10037287	0.554020309	0.000576935	0.007236017
YGL02.11044.C1	9.691594724	-0.955197564	-0.122660139	-0.421135495	-0.278639089	-0.073090941	0.596982716	2.51E-06	0.000178831
YGL02.4.C1	7.467048762	-0.955332962	-0.049440995	-0.384032769	1.051840642	0.08091648	0.235547749	0.000377915	0.005370854
YGL02_GNYA1SO04J0MX8	6.170787994	-0.955460127	0.163571618	-0.328059415	0.869116566	0.39810906	0.419417783	0.006753508	0.04202415
YGL02.367.C4	9.508591087	-0.955481088	-0.041967978	-0.459437451	1.226333031	0.077781126	0.117426468	0.000206198	0.003499179
YGL02_GNYA1SO04I3WIJ	12.0854341	-0.955538906	-0.052584815	-0.6950377	-0.083133189	0.073633922	0.906537864	1.05E-06	0.00010434
YGL02.1652.C2	6.830593509	-0.955835494	-0.151477448	-0.526609541	-0.10818978	0.424877144	0.544215534	0.000125685	0.002482604
YGL02.367.C13	9.024881771	-0.956043599	-0.024251553	-0.341193391	0.803505063	0.078532187	0.199613017	0.000464006	0.006197805
YGL02.3008.C1	9.598203912	-0.956064601	-0.038634578	-0.607305816	-0.076300983	0.221768539	0.469570742	2.30E-05	0.000762933
YGL02.9192.C1	10.50841053	-0.956223539	0.015924915	-0.85526612	0.090524571	0.348101341	1.124535335	0.000120522	0.00241488
YGL02_GNYA1SO04JSVEF	8.476810101	-0.956240403	-0.207598609	-0.382172081	0.646432435	-0.047882322	-0.0764523	0.002677074	0.021599707
YGL02_GNYA1SO04JLADP	9.612409236	-0.956286153	-0.171447266	-0.806420981	0.070085038	0.108045012	0.920167546	7.37E-06	0.000356724
YGL02.6000.C1	4.030159076	-0.956506273	-1.018309382	-0.952439671	-0.233338409	0.932931667	0.990871296	0.004376635	0.030728944
YGL02.15073.C1	6.111613227	-0.956546592	0.604231473	-0.104955789	0.198525837	0.474364397	0.402099199	0.006056885	0.038921462
YGL02.8266.C3	10.92600434	-0.956611446	-0.107723527	-0.379281631	1.083954045	0.122413273	0.144088969	0.000113924	0.002320371
YGL02.1620.C1	10.15903348	-0.956797252	-0.252361801	-1.032390795	-0.227638655	0.102548955	0.820561978	1.42E-05	0.000548303
YGL02.2215.C1	9.273389537	-0.957097373	0.068219145	-0.275550745	0.492814524	-0.003523482	0.63602042	0.000566854	0.007144871
YGL02.19281.C1	9.051313506	-0.957222508	-0.498232936	-0.309576194	-0.486564905	0.569638751	0.752125494	6.74E-06	0.000336811
YGL02.1887.C3	7.805535851	-0.95731587	-0.65653976	-0.883813362	0.286275962	0.315734477	0.715769424	0.001907939	0.016975637
YGL02.3832.C1	10.66684111	-0.957368806	-0.346650307	-0.775335695	0.161303508	0.038941778	0.290051721	1.38E-06	0.000123164
YGL02_GNYA1SO04JZKKH	8.109040148	-0.957466341	-1.069667208	-0.945640478	-0.230168469	0.420275402	0.540072407	7.55E-05	0.00173893
YGL02.14801.C1	8.802239223	-0.957847847	0.110062997	-0.466333444	0.262267948	0.331572309	0.940522829	1.51E-05	0.000569693
YGL02_GNYA1SO04I1ZIC	10.46083041	-0.957854947	-0.145344749	-0.447741744	0.028442933	-0.10022041	0.061198391	0.003572299	0.026557492
YGL02_GNYA1SO04IVI54	9.312570846	-0.957968305	-0.440316086	-1.155732189	-0.075411727	0.196478461	0.40307948	0.008208691	0.0483801
YGL02.19072.C1	5.877009502	-0.958167399	-0.027990533	-0.213975348	0.364795344	-0.353827789	0.013196522	0.000195302	0.003375138
YGL02.2104.C3	6.888909524	-0.958324849	-0.017481198	-0.370821991	0.103198729	0.492652268	0.898806674	0.000145882	0.002755091
YGL02_GNYA1SO04IQSU0	8.39495133	-0.958887655	0.530766252	0.070899725	0.255783844	0.086183192	0.613697943	7.63E-05	0.001753058
YGL02.4033.C2	7.739284344	-0.959007075	0.136423008	-0.706231839	-0.182438319	0.01927113	0.516964826	3.57E-06	0.000224278
YGL02.15252.C1	6.445802699	-0.959083873	-0.455014066	-0.26431916	0.11048115	0.658660828	0.652855918	1.40E-05	0.000541047
YGL02.3981.C1	7.860913901	-0.959219546	-1.472025659	-0.925646868	0.03837866	0.426312041	0.272234162	0.000834796	0.00943812
YGL02_GNYA1SO04JA3PT	4.059341879	-0.959508737	-0.765505969	-0.910552265	0.033016172	1.414471303	1.080473868	0.006552865	0.041133504
YGL02_GNYA1SO04JRULL	8.532654027	-0.959588374	-0.069660815	-1.16709426	-0.400768608	0.047961803	1.07048538	0.000152865	0.002840538
YGL02.16198.C1	7.833186492	-0.959617836	-0.13174936	-0.461730556	-0.140851816	0.503802761	0.90968566	2.88E-06	0.000194854
YGL02.1380.C2	9.509329387	-0.959924621	-0.241150936	-0.861869933	0.334790616	0.249470852	0.223490778	4.92E-05	0.001288636
YGL02_GNYA1SO04HZ4GU	5.965627028	-0.959931294	-0.06252155	0.084188927	0.187016415	0.193134744	0.584133091	0.001450762	0.013971575
YGL02_GNYA1SO04IVOS7	7.685127051	-0.959973578	0.003406379	-0.616456556	-0.787395255	0.514625394	0.741297348	0.000553039	0.007025438
YGL02.15585.C1	9.419126529	-0.960072456	0.161891366	-0.128165913	0.00624728	0.527506687	0.618856174	1.64E-05	0.000604768
YGL02.12603.C1	10.46152097	-0.960340492	-0.226900149	-0.213207302	0.013244808	0.054451175	0.324708494	5.55E-05	0.001399347
YGL02.8703.C1	7.179923279	-0.960441844	0.261188217	0.083658138	0.057456164	0.301187999	1.022135368	0.000591518	0.007360891
YGL02_GNYA1SO04JMBK4	7.963568407	-0.960478102	-0.141883623	-0.488511438	-0.701576772	0.335788533	0.366522365	8.08E-06	0.000378474
YGL02_GNYA1SO04JXN0A	8.20320412	-0.960499053	-0.21131784	-0.367976278	-0.460414253	0.204296848	0.502892638	0.000566037	0.007138389
YGL02.19526.C1	6.58725131	-0.960609001	-0.044904379	-0.356874028	0.225752955	0.436042983	0.973714114	2.77E-05	0.000869208
YGL02.7392.C1	9.67725304	-0.960718447	-0.092271172	-0.619453941	0.438550719	-0.179833982	0.208676588	0.000147414	0.002776701
YGL02_GNYA1SO04I203U	6.75271922	-0.960794453	0.233797884	0.029439212	-0.508189441	0.154044177	0.195009827	0.004606209	0.031901486
YGL02.10519.C1	7.523948178	-0.960924137	-0.105768795	-0.709620138	-0.075795213	0.133304143	1.10027144	5.20E-05	0.001336616
YGL02.7043.C2	10.16486418	-0.961214209	-0.092041285	-0.284529184	0.7638515	0.126738866	0.070587071	0.00289117	0.022837636
YGL02.10444.C2	5.387816489	-0.961267976	-0.398864851	-0.598220444	0.298724232	-0.044739203	0.169871336	0.007169644	0.043919262
YGL02_GNYA1SO04IW3LT	9.921495967	-0.961366862	-0.095466358	-0.342224531	0.538563212	0.043683426	0.078738552	0.000140923	0.002688858
YGL02.483.C2	7.975146159	-0.961593983	-0.456316206	-0.488947788	-0.127562626	0.426852446	0.830100919	1.26E-06	0.000116793
YGL02.4664.C15	10.27724959	-0.961643541	-0.079401675	-0.352108334	0.557777777	0.060740083	0.084037768	0.000114037	0.002321803
YGL02_GNYA1SO04JMEMD	10.49703374	-0.96187938	-0.197027609	-0.536215781	0.162590014	0.437028185	1.02974351	1.12E-05	0.000467333
YGL02.14830.C1	8.535320481	-0.962338779	0.113788854	-0.842541849	-0.110307706	0.197565703	0.813760164	1.01E-05	0.000436966
YGL02.20915.C1	6.79688117	-0.962427171	0.085563314	-0.262642469	0.709115527	0.053032848	0.141063434	0.003922266	0.02836935
YGL02.3125.C3	8.988229676	-0.962988323	-0.313996876	-0.895990285	-0.499834909	0.522582071	0.887809803	0.000292094	0.004492341
YGL02_GNYA1SO04I2V7L	7.781011268	-0.963117986	-0.855717488	-1.008250196	0.069968554	0.001996054	0.76212872	0.001746199	0.015958287
YGL02.11349.C1	5.786873996	-0.963135673	0.026826316	-0.500014922	0.544383799	0.477184819	0.391482564	0.00068115	0.008154516
YGL02_GNYA1SO04IZ1H5	9.181276083	-0.963483043	-0.402617814	-0.359034	0.069922125	0.249765944	0.145573206	0.002329333	0.019559298
YGL02_GNYA1SO04JA5AG	6.438911093	-0.963914093	0.050041023	-0.021222135	0.046820452	0.502435592	0.900227147	0.000694862	0.008268403
YGL02_GNYA1SO04I0E7C	7.676759162	-0.96409886	-0.101284998	-0.795372671	-0.018965942	0.213976451	0.949955137	0.001114868	0.011566493
YGL02.3005.C1	6.250924186	-0.964120077	-0.151910342	-1.129578754	0.071816254	0.417266161	1.349998637	0.002717798	0.021866975
YGL02.14054.C1	7.499877036	-0.964189211	-0.118847818	-0.63022251	0.196874467	0.267401525	1.052366563	0.002573654	0.020999681
YGL02_GNYA1SO04I9ZPE	9.270221554	-0.964308884	-0.161134709	-0.936721105	0.170544349	-0.045074166	0.868383852	0.000207596	0.003515809
YGL02.7815.C2	9.858010047	-0.964424192	-0.128116873	-0.45470568	-0.002147668	0.074484105	0.353697233	4.06E-05	0.00113292
YGL02.19186.C1	7.673235274	-0.964524551	-0.212858015	-0.622173287	0.354480493	-0.110485376	0.376548296	0.001736085	0.015882675
YGL02.15321.C1	3.762765771	-0.964623482	-0.587887332	-0.96309463	0.125910271	0.612063508	1.08334645	0.000313509	0.004724627
YGL02.11977.C1	7.720567286	-0.964862948	-0.801320483	-0.293266788	0.070456318	0.419901765	0.691767832	2.72E-05	0.000855991

YGL02.15117.C1	10.9806672	-0.965034651	-0.226732014	-0.278100005	-0.13201748	0.292067884	0.569156076	1.56E-06	0.000133757
YGL02_GNYA1SO04JCJ7J	12.02758521	-0.965829342	0.127469026	-0.095120823	0.288165094	0.62459129	1.31776493	1.86E-05	0.000658966
YGL02_GNYA1SO04JZQ1N	8.773241803	-0.966142725	-0.083108321	-0.304351837	-0.204960083	0.141624385	0.563549288	7.53E-05	0.001736295
YGL02.18131.C1	6.723217013	-0.966754421	-0.465192966	-0.077760476	0.303616947	0.514297218	0.570764835	0.000418577	0.005771378
YGL02_GNYA1SO04JAP1P	6.847914896	-0.967059673	-0.439651967	-0.566484001	0.249013071	0.05098663	0.349875325	0.000371905	0.005313426
YGL02.5651.C3	4.902531768	-0.967278475	0.118980788	-1.011419876	0.182841429	-0.006750879	1.357425496	0.008348102	0.048938531
YGL02.9453.C1	7.973183776	-0.967538233	-0.091969744	0.073910796	0.358724138	0.424577367	0.886258858	0.002353084	0.019697427
YGL02.18242.C1	6.146043626	-0.967645543	-0.713046348	-1.035112985	-0.181670726	0.888360324	0.611866326	0.004479601	0.031245212
YGL02_GNYA1SO04H3N4E	7.355568769	-0.967813423	0.185686192	-0.47391046	-0.149802152	0.319974732	0.66636803	0.000908644	0.010022012
YGL02.2578.C1	8.970257084	-0.968476816	-0.242765363	-0.522009907	1.024579469	0.201566479	0.090274484	0.000246552	0.00397361
YGL02.1765.C1	9.483572425	-0.968593724	-0.011268643	-0.463960935	0.03755916	0.418243177	0.625889873	5.00E-06	0.000277837
YGL02.19218.C1	6.00735222	-0.968618651	0.335251607	-0.019240144	-0.164625928	-0.26346146	0.25543842	0.00069603	0.008277564
YGL02.1811.C1	8.960787759	-0.968928832	-0.349549547	-0.836927348	-0.017423976	0.03148487	0.662041984	0.000176458	0.003140913
YGL02_GNYA1SO04JNMS9	9.267268497	-0.969107882	-0.129750958	-0.283568608	0.930187421	-0.048195104	-0.044889677	0.000111236	0.002286111
YGL02.2330.C1	6.845248309	-0.969226941	0.293968799	-0.581449658	-0.374539951	0.068401552	0.372034341	0.001140105	0.011756739
YGL02.3135.C3	7.944632641	-0.969246788	0.105366503	-0.355312955	0.898758558	-0.122012512	0.036568536	0.001531352	0.014529035
YGL02_GNYA1SO04H8S7K	12.27615324	-0.969334432	-0.269839307	-0.759577632	-0.03673589	0.218812889	1.005786561	2.26E-07	3.94E-05
YGL02.8679.C1	8.616415077	-0.969446534	0.274161168	0.037668814	-0.229018632	0.036370258	0.397900789	0.000110797	0.002279624
YGL02_GNYA1SO04IBRTD	8.854908398	-0.970631262	-0.35021999	-0.837450388	-0.028195109	0.286574882	0.972380243	3.82E-06	0.000233368
YGL02.4193.C1	5.766730977	-0.970640276	0.311008935	-0.598490943	-0.125536065	0.400111199	0.496978147	0.000832238	0.009417635
YGL02_GNYA1SO04H9A23	8.111762301	-0.970732966	0.4354942	-0.438902899	-0.36290974	0.128867653	0.967888894	7.24E-05	0.001689837
YGL02_GNYA1SO04JY6CS	7.338254859	-0.970812387	-0.049375215	-0.366545592	0.775841982	0.069020814	0.18758632	1.34E-05	0.000522869
YGL02_GNYA1SO04JPVCG	8.361697501	-0.971523367	-0.028296947	-0.460716577	0.96151953	-0.09321892	0.211302944	0.000107527	0.00223179
YGL02.12748.C1	8.290599052	-0.971527493	0.32038963	0.148244705	-0.198568133	0.17885568	0.369866762	7.10E-05	0.001664439
YGL02_GNYA1SO04IJ5CU	8.821552821	-0.971576474	0.180287127	-0.786276059	0.151090772	0.149743162	0.608752436	1.80E-05	0.000643499
YGL02.6694.C1	6.413511237	-0.971705593	-0.330140374	-0.642488318	-0.231692019	0.279328765	0.720377621	0.001494167	0.014259713
YGL02.18496.C1	8.730662521	-0.971760177	0.011327212	-0.212444343	0.010159244	-0.080478997	0.134062659	1.27E-05	0.000504946
YGL02_GNYA1SO04IJ72O	4.797518148	-0.971789824	0.049580633	-0.201472466	1.208336402	-0.127797479	0.431280949	0.000893334	0.009901125
YGL02_GNYA1SO04JMTMW	8.560902683	-0.971923518	0.156750866	-0.501544792	-0.366879056	0.121031572	0.630997908	2.40E-05	0.000785169
YGL02_GNYA1SO04II5IJ	6.713661382	-0.972018067	0.035562578	-0.314447664	0.275974993	0.345702122	0.885191588	0.00522348	0.034995567
YGL02_GNYA1SO04H9E3U	4.913203086	-0.972175264	2.404005527	2.245655386	1.124487445	0.302294878	0.874595171	0.001391902	0.013541297
YGL02_GNYA1SO04JV2EN	6.677410826	-0.97222158	-0.39239061	-0.400892415	-0.213798467	0.348865108	0.91369958	0.004842168	0.033108941
YGL02.5124.C1	8.005000443	-0.972242699	-0.308337607	-0.93944671	0.444839546	0.380820199	0.763884272	4.51E-06	0.000259231
YGL02.7326.C1	4.333708279	-0.972353021	-0.892109104	-0.649558728	0.06866922	0.578049178	0.398356634	0.004364315	0.03067571
YGL02.14312.C1	7.841948824	-0.972413538	-0.018681911	-0.224860853	0.459987888	0.179853205	0.591432144	7.05E-05	0.00165551
YGL02_GNYA1SO04JHBNI	6.256052004	-0.972478963	0.347711296	-0.457489894	0.72801436	0.193679431	1.039407516	0.001722226	0.016118797
YGL02.7922.C2	4.995181724	-0.972677127	-0.10321099	-0.582434645	0.281779072	0.553221021	0.853884264	0.00694318	0.042831874
YGL02.4672.C1	8.511697643	-0.972928696	-0.287643097	-0.541460184	0.27142729	0.314106877	0.736878554	4.82E-06	0.00027077
YGL02_GNYA1SO04IGZJD	3.796457191	-0.973238941	-0.974855321	-0.926939912	0.007261316	0.938526436	1.095280147	0.000317163	0.00476038
YGL02_GNYA1SO04IA1JS	10.46239645	-0.973262484	-0.184325717	-0.191725532	0.029666465	0.044401769	0.399692443	0.000121338	0.002424477
YGL02.6951.C1	8.606840033	-0.973761444	0.501630671	-0.469566255	0.170412229	0.262171021	0.963138663	6.76E-07	7.86E-05
YGL02.1194.C1	4.702757217	-0.973828908	-0.602801463	-1.390898386	-0.250750074	0.121025531	0.777482413	3.15E-05	0.000953374
YGL02.3705.C2	6.415783548	-0.973913991	-0.214545312	-0.199648461	0.436672756	0.280413955	0.494533216	0.000434873	0.005916859
YGL02.5746.C1	9.014998858	-0.973951832	0.244797486	0.113071051	-0.088805323	0.193721018	0.664111109	6.03E-05	0.00148126
YGL02.17252.C1	4.045947135	-0.974554977	0.398887861	0.491915818	-0.184336211	-0.356478202	-0.510937953	0.001634923	0.015208601
YGL02_GNYA1SO04ICAM2	7.993526761	-0.974602863	0.453828969	-0.545828576	0.380514596	0.235084978	0.491718419	0.000334915	0.004941408
YGL02.8223.C1	8.903980586	-0.974747976	-0.309119351	-0.669547446	0.192516728	0.242377554	0.395952567	5.86E-05	0.001454936
YGL02_GNYA1SO04JS7NU	5.862340555	-0.97480209	-0.04641861	-0.499644944	0.393219615	0.458331043	0.856517563	0.004607856	0.031906069
YGL02_GNYA1SO04I3UD3	7.764885985	-0.975062452	-0.306342163	-1.25865588	-0.290854619	-0.274646061	0.765972883	0.00373791	0.027417604
YGL02.7246.C1	6.089400623	-0.975140296	-0.802379954	-0.653481805	-0.130527193	0.980772095	1.238469006	0.000101595	0.002147276
YGL02.17618.C1	6.060207451	-0.975510761	-1.02872026	-1.290097662	0.026398597	0.578384154	0.842386211	0.0069298	0.042781938
YGL02.835.C1	11.11020654	-0.97592896	-0.251753514	-0.379554577	1.131731918	-0.092592494	0.077628086	4.99E-06	0.000277281
YGL02.20380.C1	6.728993964	-0.976056357	-0.1702293	-0.851442751	-0.123044085	0.344090602	0.414328332	0.000165393	0.002999297
YGL02.2294.C1	5.638051601	-0.976467136	0.456216904	-0.555908582	-0.304714152	-0.259930028	0.746198427	0.000202638	0.003462719
YGL02_GNYA1SO04I5Q2H	6.936400014	-0.976765387	-0.254259402	-0.255739822	-0.110946993	0.613510599	0.613384933	0.000151854	0.002829461
YGL02_GNYA1SO04JFG65	10.33147357	-0.976876693	-0.278332148	-0.433384143	0.997608785	0.04179711	-0.044226851	8.08E-05	0.001826189
YGL02.9794.C2	9.759435281	-0.976927857	-0.557080854	-1.180676637	0.118150154	-0.208744738	0.400674249	0.000540226	0.006905348
YGL02_GNYA1SO04JIDRG	7.995774388	-0.976933151	-0.931961463	-0.559032312	-0.185571471	0.751346352	0.601353465	0.002988823	0.023363056
YGL02.9696.C1	9.274254417	-0.977051415	-0.285360305	-1.021515765	0.071666065	-0.025299817	0.623994668	0.000132741	0.002583579
YGL02_GNYA1SO04JL3F4	10.85862376	-0.97718161	-0.13912021	-0.416614237	0.618634641	0.143086245	0.194267461	8.29E-06	0.000385839
YGL02_GNYA1SO04H1R77	6.606063935	-0.977275227	0.655729375	1.11612509	-0.151777308	0.307949322	0.187742162	0.000477295	0.006316679
YGL02_GNYA1SO04H37Z1	7.824341919	-0.977416679	0.077604594	-0.741509743	-0.012910567	-0.077123794	0.424678859	1.91E-05	0.000672025
YGL02_GNYA1SO04JCUMA	8.712641184	-0.977449092	-0.059267292	-0.75353609	-0.396364836	0.267680189	0.630399856	0.000100909	0.002139048
YGL02_GNYA1SO04IUHW2	9.951273805	-0.97791237	-0.250469707	-0.38547678	0.668595421	0.091684203	0.193698136	0.001233917	0.01243208
YGL02.22767.C1	9.02660686	-0.97795137	-0.219523995	-0.524604168	1.020247789	0.108635751	0.054040117	2.82E-05	0.000881764
YGL02_GNYA1SO04JXWFI	6.380167767	-0.978076749	-0.044467072	0.277537303	-0.040511713	0.614795173	0.654882191	0.001596082	0.01494931
YGL02.1229.C1	6.952396202	-0.978212106	0.31182822	0.01996166	-0.271453201	0.434773258	0.830566074	0.000176821	0.003144174
YGL02.15821.C1	4.006249192	-0.978431785	-0.293327646	0.033868497	-0.113094694	0.22314391	0.645488803	0.000592047	0.00736562
YGL02_GNYA1SO04IILLX	7.568350567	-0.978558909	0.246405927	-0.101040707	0.292988768	0.213583746	0.574795868	0.001086341	0.011347807
YGL02_GNYA1SO04I091L	6.369820326	-0.978576084	-0.889467571	-0.556312552	0.84828888	0.525369784	0.546742438	0.003330348	0.0252413
YGL02.1272.C1	3.768532193	-0.978672409	-1.005386655	-0.303068915	0.19061789	0.958461108	0.526779879	0.006858294	0.042468036
YGL02_GNYA1SO04JU5XY	8.1478243	-0.978976316	0.015367583	0.290306824	0.418786527	-0.101136456	0.030642408	0.007938795	0.047230058
YGL02.4171.C1	6.698515676	-0.979059781	0.760868014	0.625600179	-0.182531171	-0.259084303	0.257755355	0.000250377	0.004016758
YGL02.18462.C1	7.285222316	-0.979106664	-0.046102934	-0.689362472	0.187412094	0.311317231	0.193472907	0.002034363	0.017753595
YGL02.14736.C1	5.900160039	-0.979120306	0.064403366	-0.464931674	0.570658355	0.281678903	0.516315586	8.44E-05	0.00188374
YGL02.4677.C1	8.194224312	-0.979163039	-0.036609651	-0.253999469	0.398464801	0.319340001	0.505262465	1.96E-07	3.63E-05
YGL02.7118.C1	6.422981043	-0.979185406	-0.18177888	-0.863993171	0.418407692	0.250847283	0.916432974	8.98E-05	0.001971723
YGL02_GNYA1SO04JM5FI	9.653781622	-0.979228381	-0.40518174	-0.925674691	-0.012958003	0.208532831	0.48538287	6.73E-07	7.84E-05
YGL02.4190.C1	9.380018445	-0.979284864	-0.176637338	-0.315255248	0.070437787	0.146665136	0.524269955	1.95E-07	3.62E-05
YGL02_GNYA1SO04JZ8FZ	11.69435554	-0.979289205	-0.227349807	-0.460732353	0.51213715	0.228391913	0.110142292	0.003074527	0.023855501
YGL02.12842.C1	6.918710692	-0.979437786	0.05040644	-0.216479844	-0.205516629	0.401660197	0.930588205	3.49E-07	5.17E-05
YGL02_GNYA1SO04JRHB7	8.118147912	-0.979540563	-0.16066943	-0.418659383	-0.168902876	0.214534463	0.738863398	0.000116543	0.0023561
YGL02.6936.C2	5.645357312	-0.979636862	-0.281490857	-0.728432554	-0.16657002	0.081802312	0.687832643	0.003637931	0.026884904
YGL02.19309.C1	6.985483726	-0.98008635	-0.068966911	-0.138293099	-0.145101808	0.31994614	0.674328216	0.000125906	0.00248452
YGL02_GNYA1SO04IWREN	12.48852825	-0.980279286	-0.229945096	-0.818592799	-0.1147962	0.179314917	1.045089237	3.67E-07	5.31E-05
YGL02_GNYA1SO04JRTNU	6.804090388	-0.980289195	0.231501148	-0.330991065	0.484867194	0.207460734	0.389924917	9.24E-05	0.002011031
YGL02.8701.C1	6.750879862	-0.980359664	-0.336159963	-0.797401625	0.159484673	0.078746555	0.25339103	0.000483575	0.00637762
YGL02.9435.C2	3.74739665	-0.980714999	0.064717951	-0.217579526	0.100551225	0.055475257	0.228124297	7.15E-05	0.001673483
YGL02.4175.C1	10.09190664	-0.98090237	0.197290689	-0.16849609	0.025753465	0.098548333	0.306616814	5.52E-06	0.000295422
YGL02_GNYA1SO04ILJ3G	5.821929741	-0.980912214	0.488014431	0.038677303	0.289794939	0.597251625	0.838228003	0.000774581	0.008943165

YGL02.9347.C1	5.191964992	-0.981822447	0.311451922	-0.268634378	0.233991855	0.722819453	0.798219355	0.002688273	0.021680607
YGL02_GNYA1SO04JM4BZ	6.958779023	-0.982332397	-0.175558852	-0.725829684	-0.571602152	0.470034795	0.837428986	0.002654793	0.021476128
YGL02.7263.C1	7.737135737	-0.982369362	0.078482174	-0.171547441	-0.478586944	0.491456507	0.64384915	6.15E-05	0.001499481
YGL02.608.C1	11.99893309	-0.98275586	-0.250300284	-1.066335913	-0.0682241	0.122310006	0.289854328	5.05E-05	0.001310819
YGL02.13707.C1	7.729547636	-0.982783956	0.285553816	-0.231135644	0.551553612	-0.316364293	0.027862691	0.000238661	0.003887063
YGL02.11074.C1	7.850676188	-0.983011453	-0.001861222	-0.279929312	0.440164404	0.206921323	0.152666419	0.001471636	0.014107727
YGL02_GNYA1SO04JSLOA	8.699383639	-0.98303225	-0.316863865	-0.640778326	-0.275864997	0.373026091	0.588145332	0.00313999	0.024219061
YGL02_GNYA1SO04IA2XY	5.928532161	-0.983125592	-0.111978028	-0.590516781	0.301734124	0.618607259	1.147287397	0.000909971	0.010032287
YGL02.2539.C1	8.801883278	-0.983388743	-0.106144852	-0.50240739	0.057306071	0.244785459	0.636256194	1.21E-06	0.000114635
YGL02_GNYA1SO04JZKTS	7.01846345	-0.983392931	-0.161380566	-0.623393393	-0.076188994	0.503766192	1.008841442	0.000472082	0.0062714
YGL02_GNYA1SO04H7MD6	6.159433193	-0.983517803	-0.73498286	-0.986037923	-0.114463662	0.23397278	0.86527817	0.00042649	0.005836984
YGL02.11613.C1	4.683305197	-0.983673287	0.137882359	0.540017109	-0.691082938	0.172061149	0.529264135	0.008207603	0.048376174
YGL02_GNYA1SO04IFR75	8.161947874	-0.9836893	-0.420760814	-0.816880185	-0.409365286	0.307139005	0.771972329	2.37E-05	0.000778668
YGL02.2954.C1	6.774250654	-0.983764469	-0.399469018	-0.817746553	-0.04522532	0.190298104	1.028789111	0.00024611	0.003968454
YGL02_GNYA1SO04I52X7	10.20941891	-0.983981425	0.062909948	-0.349143967	0.519236551	0.070067552	0.249297748	0.000907026	0.010011757
YGL02_GNYA1SO04I6QS5	5.622802318	-0.984120368	-0.060995948	-0.191000847	0.067005852	0.089685441	0.115044141	0.002134811	0.018361676
YGL02_GNYA1SO04H75Q2	9.232675926	-0.984156961	-0.503349737	-0.735642441	-0.16161121	0.44214205	0.755359219	0.000127481	0.002506233
YGL02_GNYA1SO04JTNUS	7.240509431	-0.985234166	-0.228438637	-0.258280307	0.975009397	-0.079024221	-0.027327286	0.002007947	0.017595397
YGL02.23292.C1	6.786072591	-0.985237568	-0.073051117	-0.355398456	1.080576612	0.065197438	0.100395575	0.000371348	0.005310148
YGL02.7935.C1	6.269785344	-0.985324357	-1.332683998	-0.860334574	-0.084067862	0.145135439	0.286599717	0.000464316	0.00620067
YGL02.10099.C1	5.215064964	-0.985354913	-0.118059218	-0.213026139	0.309016455	0.517126235	1.008135263	0.005835313	0.037902043
YGL02.9349.C1	5.235151754	-0.985738267	-0.266426429	-0.608995541	0.300839677	0.510529178	0.771774977	0.000138519	0.002655894
YGL02.9463.C1	9.308165442	-0.985801513	-0.349314999	-1.334014697	0.300962902	-0.028318228	0.693359356	0.000312026	0.00470896
YGL02_GNYA1SO04I2VAE	6.856255671	-0.986224081	-0.077426531	-0.253782116	0.299482322	0.030929359	0.192651671	0.000782348	0.009008179
YGL02.3145.C2	4.153474619	-0.98624504	0.002338609	-0.492275676	0.816579297	0.186740291	0.699574178	0.004238195	0.030029815
YGL02.8934.C1	8.619874742	-0.986439767	-0.186105504	-0.719547083	-0.080587081	0.181411677	0.687947742	1.08E-06	0.000106008
YGL02_GNYA1SO04JHFF8	7.319887921	-0.986634555	-0.313738615	-0.262970262	-0.261085918	0.815025783	0.853680753	4.20E-06	0.000248622
YGL02_GNYA1SO04IN28Z	7.118508941	-0.986849736	-0.911570274	-0.709383306	0.291901744	0.616558347	1.138574382	5.80E-05	0.001444535
YGL02_GNYA1SO04JQBMC	7.498097429	-0.986894526	-0.073678469	-0.503918684	0.435580472	0.095119089	0.330733667	0.000880141	0.009795153
YGL02_GNYA1SO04JBOKU	7.160578846	-0.987027935	-0.118272318	0.6135779	-0.231180736	-0.107738549	0.399193787	0.004160062	0.029635767
YGL02_GNYA1SO04IUNZ9	6.801701514	-0.987579344	0.427591674	-0.189894302	-0.391016463	-0.439107546	0.206118016	0.000667304	0.008034066
YGL02_GNYA1SO04H6USL	6.657930705	-0.987809066	-0.251010886	-0.418839233	0.239763674	0.118037959	0.824749838	1.94E-05	0.000680067
YGL02_GNYA1SO04JW565	3.400987131	-0.987977604	0.049375719	-0.396716095	0.875027736	0.533455085	0.610443094	0.007257374	0.044295336
YGL02_GNYA1SO04JNU4C	4.928591906	-0.988012677	-0.305577555	-1.129217435	0.190516823	0.672701462	1.437424705	0.005351885	0.035608973
YGL02.14971.C1	5.968983678	-0.988052153	-0.069502438	-0.510004382	0.035405699	-0.201702769	0.305001675	0.001018037	0.010846034
YGL02_GNYA1SO04H9DNP	6.712776607	-0.988501775	0.575216326	0.476125652	-0.031053194	-0.097999023	0.393400036	2.40E-05	0.000785169
YGL02.2082.C1	10.85346931	-0.988529728	-0.09235423	-0.276276472	0.011642061	0.26187314	0.794847303	6.65E-06	0.000333729
YGL02.8196.C1	8.115211443	-0.988796075	0.264945047	-0.534392158	0.419992195	0.118078348	0.552462161	5.51E-05	0.001393223
YGL02.3183.C1	7.398320034	-0.988846388	0.066101197	-0.353075322	-0.281405873	0.401171592	0.584241705	0.000190772	0.003317821
YGL02.1816.C7	7.601460245	-0.988863832	0.172317648	-0.432932265	0.229640075	-0.029599168	0.208054821	0.002492611	0.020529648
YGL02_GNYA1SO04IQKTQ	7.397866013	-0.988890514	-0.216199934	-0.851995301	-0.137879776	0.42542219	1.133456412	2.58E-05	0.000826669
YGL02_GNYA1SO04I31PO	7.54196797	-0.988919788	-0.031078787	-0.219003562	-0.089271113	-0.048227995	0.721732463	0.000237503	0.003872778
YGL02.22909.C1	5.579071542	-0.989060056	-1.539920975	-1.339961431	-0.006853244	0.431765171	1.054126877	0.007232831	0.044196949
YGL02_GNYA1SO04JGY75	6.370336729	-0.989110441	-0.115245388	-0.300418411	0.218164739	0.1860321	0.6288895	0.00016424	0.002983824
YGL02.13140.C1	7.81988928	-0.989135961	0.087904105	-0.213094167	0.289559042	0.239151043	0.671322882	8.50E-06	0.000391522
YGL02.10610.C4	7.040080411	-0.989295334	-0.501383714	-1.316651889	-0.199895965	0.282615537	0.914292376	0.00079129	0.009082449
YGL02.2025.C1	6.440646004	-0.989840669	-0.314914752	-0.265393454	-0.238869152	0.536341677	0.993285888	2.74E-05	0.000861471
YGL02_GNYA1SO04JMGF8	4.329206423	-0.990113935	-0.793097901	-0.721216647	0.817653557	1.088525366	1.52342531	0.007712218	0.046294693
YGL02.3533.C2	9.111100305	-0.990163238	0.023344712	-0.549466479	0.170753648	0.436169952	0.665717223	2.26E-08	1.21E-05
YGL02.4791.C1	8.182487856	-0.990388148	-0.200079736	-0.80222657	0.08518024	-0.049245942	0.880991815	4.41E-06	0.000256509
YGL02_GNYA1SO04H3SR0	11.86631539	-0.990650101	-0.256574078	-0.527124702	0.069129836	0.347194879	0.63407924	5.33E-05	0.001359322
YGL02_GNYA1SO04IMHWQ	7.14905013	-0.991202894	-0.479315453	-0.619850933	-0.011252866	0.736452916	0.817000569	0.000102795	0.002163096
YGL02.12623.C1	7.773961183	-0.992298479	0.109470915	-0.33147369	-0.213449571	0.337074035	0.961967843	0.00128391	0.012781638
YGL02.10419.C1	7.468080836	-0.992308845	-0.23058361	-0.204613103	0.009683616	0.512695448	0.966214312	0.000604888	0.007476536
YGL02.10609.C1	7.947385411	-0.992391386	-1.07461059	-0.6755274	-0.072270736	-0.086241906	0.571565161	0.002522961	0.02071375
YGL02.1073.C1	8.849492846	-0.992713791	0.689294567	-0.95829657	-0.519594655	0.229878124	0.681683995	0.00162166	0.015125528
YGL02_GNYA1SO04I6BSM	4.672676788	-0.993032581	-1.076363635	-0.297074194	0.220764582	0.96315569	-0.222228838	0.004302829	0.030359013
YGL02.14628.C1	6.593076088	-0.993470481	-0.823279846	-0.876397219	-0.050240026	1.140945309	1.153629416	0.00046823	0.006235579
YGL02_GNYA1SO04IJOEC	6.72382341	-0.993480037	-0.047116806	-0.596594273	-0.108420911	0.007008667	0.758370733	0.00164194	0.015259627
YGL02_GNYA1SO04JACD4	6.249528353	-0.993545558	-0.097304722	-0.480578746	-0.715518998	-0.07669491	1.020260249	0.007421505	0.045017036
YGL02.849.C19	8.449532934	-0.993586952	-0.163858864	-0.166932673	0.500405504	0.156883561	0.034395047	1.67E-06	0.000139822
YGL02.6705.C1	8.285956014	-0.993773305	-0.316795797	-0.812259237	0.072955498	0.211681698	0.868755093	1.85E-06	0.000149191
YGL02_GNYA1SO04IJEYW	10.68862933	-0.993944879	0.02053397	-0.386001153	0.851807606	0.278791798	0.442207945	0.00059508	0.007390524
YGL02_GNYA1SO04IYJFC	6.331103337	-0.993992427	-0.381081546	-0.533412214	0.555775729	0.243417205	0.419798931	3.79E-05	0.001081199
YGL02.7350.C2	9.03553852	-0.994077966	-0.134266437	-0.383041307	-0.082128474	-0.219458665	0.336880657	3.78E-05	0.001079926
YGL02.16068.C1	8.342839629	-0.994104019	-0.819807116	-1.475699717	0.352991535	0.327837192	0.670993785	1.58E-06	0.000134603
YGL02.12051.C3	10.2756231	-0.994567378	-0.052803255	-0.665282604	-0.324796344	0.011264838	0.237188953	0.000134214	0.0025994
YGL02_GNYA1SO04JC4F4	7.073314439	-0.99463246	-0.329265694	-0.159016895	0.175890239	0.519976912	0.666311253	0.000888055	0.009855271
YGL02_GNYA1SO04IKE2H	11.7076882	-0.994755734	-0.145082169	-0.277351514	0.673052933	0.040834721	0.171973458	4.32E-05	0.001180675
YGL02_GNYA1SO04H7YUY	8.695623912	-0.99485154	0.435439268	-0.366507902	0.25061262	0.284057496	0.522519541	0.000116849	0.002359895
YGL02.737.C1	7.5864829	-0.994946908	0.11940898	-1.081976208	0.521089793	0.109857137	0.374221031	4.60E-06	0.000262459
YGL02.436.C3	10.23206687	-0.994950637	-0.105415835	-0.285225922	0.673044708	0.011733225	0.019453383	0.003573577	0.026565465
YGL02.97.C5	12.42361992	-0.995017172	-0.251893715	-0.792499956	-0.115494056	0.172275344	1.03266985	2.19E-07	3.88E-05
YGL02_GNYA1SO04IHS01	5.677249852	-0.995216203	-0.111831355	-0.510434735	0.208946846	0.346751173	0.624991059	0.003260666	0.02488063
YGL02_GNYA1SO04JAAHX	7.68401812	-0.995742913	-0.310647071	-0.548452997	-0.329059821	0.794555817	1.038734403	2.69E-06	0.000186515
YGL02.367.C21	7.83589845	-0.995790821	0.042020366	-0.350260399	1.034284398	0.124093159	0.235890182	0.000296313	0.004535988
YGL02_GNYA1SO04IA9K0	4.9483695	-0.996147651	0.267962479	0.286365549	0.625916399	0.371180937	0.816661929	0.001426938	0.013794071
YGL02.6002.C1	6.425539973	-0.996192484	-0.343041486	-0.548522696	0.12943652	0.421655229	0.670970756	7.25E-05	0.001691226
YGL02_GNYA1SO04IKYT7	9.056682663	-0.996295637	0.042655456	-0.501682622	0.521313631	-0.163948476	0.242926836	0.00585267	0.037980439
YGL02_GNYA1SO04JXZQN	8.013434933	-0.996303049	0.076484862	-0.438338119	0.586969759	0.098348901	0.118547489	0.000344016	0.005036101
YGL02.18909.C1	8.741912615	-0.996343162	0.033900237	0.010451828	0.324103282	0.015896466	0.19338766	0.000211066	0.003560801
YGL02.4061.C1	5.48000269	-0.996383442	-0.107135711	-0.443263311	-0.53518626	0.196866715	0.675247519	0.002766571	0.022143822
YGL02.13600.C1	7.17459638	-0.996547319	0.160277941	-0.673222022	-0.280886904	0.374723313	0.407939828	1.83E-05	0.000651652
YGL02_GNYA1SO04ICQY6	7.652813583	-0.997042026	-0.472601054	-0.788370135	0.135132537	0.60678715	0.967555755	5.71E-05	0.001426528
YGL02_GNYA1SO04JE3UM	7.048633694	-0.997177869	-0.280728687	-0.711924605	0.711089826	0.159410574	0.560309793	0.000344334	0.005039658
YGL02_GNYA1SO04IFC1Z	7.277993994	-0.997285036	0.050956528	-0.052220789	0.722685836	0.308731737	0.588381201	0.000114713	0.002330936
YGL02.18764.C1	7.922223676	-0.997756676	0.129088881	-0.397373901	-0.879335029	0.23513666	0.710683018	0.005829172	0.037872015
YGL02_GNYA1SO04IEYZ6	6.907508467	-0.998311496	0.23885494	-0.468758676	-0.053165884	0.243712788	0.824491798	0.00094956	0.010344572
YGL02.2493.C5	5.919464469	-0.99902863	-0.313016779	-0.729309298	-0.268741316	0.726542258	1.119619717	0.006082014	0.039032983
YGL02.22640.C1	4.154277654	-0.999514153	1.202297708	0.446668914	-0.193811799	0.597433064	0.773666941	0.006886368	0.042593001

YGL02.2229.C2	10.09678993	-0.999866869	-0.505310249	-1.465750028	0.063683695	0.076911235	0.079503559	0.001334056	0.013141442
YGL02_GNYA1SO04IP8VT	7.266568563	-1.000366103	-0.089319943	0.19595085	0.380680171	0.674998564	0.354758265	0.0001511	0.00282332
YGL02.1445.C1	8.251760478	-1.000834186	-0.249852836	-0.987876905	0.051823103	0.103854228	0.548428943	0.000799471	0.009148161
YGL02.1034.C1	7.451550311	-1.001062713	-0.250334617	-0.537119516	0.839387595	0.389219609	0.243859741	0.000424913	0.005827148
YGL02_GNYA1SO04JZSXQ	10.13506408	-1.001283334	0.011696011	-0.392638979	-0.424916562	0.057217024	0.683385735	1.46E-06	0.000127907
YGL02_GNYA1SO04IKDLU	10.40894343	-1.001447307	0.014077402	-0.312060892	0.741588967	0.200845557	0.285276407	0.001181899	0.012063748
YGL02_GNYA1SO04IVIHK	9.887844582	-1.001532266	-0.094769074	-0.466196835	0.068408931	0.320712644	0.651537015	5.34E-07	6.73E-05
YGL02_GNYA1SO04I59OL	8.950751656	-1.002049768	-0.067633555	-0.422740231	0.786394299	0.067515322	0.170003415	0.000548899	0.006983816
YGL02_GNYA1SO04JT9VQ	9.001676227	-1.002058344	0.575569839	0.180004241	-0.249739354	0.071601752	0.293131859	1.96E-05	0.000684487
YGL02_GNYA1SO04IJBOM	5.393261813	-1.002101856	0.118994511	-0.377865601	0.889505074	-0.075309933	0.019599998	0.008605011	0.049994233
YGL02.4005.C1	5.913512845	-1.002220518	-0.007437921	-0.842835328	0.418977877	-0.002136021	1.021626084	0.000170641	0.00306954
YGL02.21572.C1	7.627236152	-1.002620595	-0.044389096	-0.535396081	0.095118866	0.144983374	0.636451197	2.12E-06	0.000161528
YGL02_GNYA1SO04IJNNA	10.37730839	-1.00271682	-0.408211199	-0.820832437	0.17739738	0.041490757	0.149949436	1.01E-06	0.000100973
YGL02_GNYA1SO04JXS9O	6.566444719	-1.002791875	-0.008313937	-0.248987317	0.676536633	0.239633695	0.241761679	0.007827787	0.046801868
YGL02.20655.C1	6.201378232	-1.002831296	-0.092654803	-0.574452727	-0.36390013	0.404923512	0.868399382	0.005612344	0.036862766
YGL02.1665.C1	8.28292833	-1.002864159	-0.334800637	-0.894057306	-0.085194411	0.320876047	1.135406741	7.38E-06	0.000356724
YGL02.11007.C1	10.28284972	-1.002886877	0.258006382	0.048193991	0.138396078	0.183101085	0.579552456	7.52E-06	0.000361759
YGL02.17436.C1	5.890572917	-1.003280276	-0.331878189	-0.480594359	0.469600943	0.203982955	0.355447542	0.001888069	0.016840573
YGL02.5890.C2	7.039698348	-1.003518475	0.889980749	0.433570523	0.517234559	0.278315302	0.615802735	0.000957286	0.010401415
YGL02.348.C2	8.402449124	-1.003715413	-0.439225935	-0.386047769	-0.09334347	0.259621443	0.57993007	5.63E-06	0.000300013
YGL02.2718.C1	5.959045293	-1.003852139	-0.108839487	-0.354087583	-0.036897624	0.40263342	0.88297902	8.06E-05	0.001821899
YGL02.9618.C1	8.042952146	-1.003898282	-0.065186517	-0.521824332	0.67816963	0.060895117	0.392691783	3.57E-05	0.001039318
YGL02_GNYA1SO04JCPBS	8.857878378	-1.00393295	-0.727982027	-0.471616779	0.025273902	0.188889809	0.71722485	1.74E-05	0.000627822
YGL02.5652.C21	6.482509941	-1.003990111	-0.28780675	-1.000009214	0.059208401	0.445075874	1.489333909	0.000366647	0.005260936
YGL02.22551.C1	6.029431882	-1.00400732	-0.347289893	-0.844625167	-0.296529766	0.391290479	0.444845074	0.006046467	0.038885789
YGL02.11697.C1	11.09444627	-1.004315586	-0.075162123	-0.287958881	0.815503415	-0.003913407	0.162055914	0.000487761	0.00641649
YGL02_GNYA1SO04IXBRI	7.633335234	-1.004706665	0.125960025	-0.667985515	0.935143323	0.2004492	0.18826889	0.000714007	0.008437116
YGL02_GNYA1SO04JTATB	7.303913171	-1.004873885	-0.179115808	-0.371136004	0.769235819	0.08916927	-0.064278093	0.0049572 46	0.033694592
YGL02.7529.C1	6.452723233	-1.004897037	-0.078115371	-0.373483543	0.244701325	0.66098973	0.604749536	0.000188683	0.003293881
YGL02_GNYA1SO04JCDNZ	11.29410316	-1.00490773	0.190975953	-0.036329163	0.277190538	0.28821138	0.567837016	2.90E-06	0.000195729
YGL02.10087.C1	6.46250844	-1.005158777	0.048611648	-0.262034248	-0.250032951	0.01402364	0.793284639	0.001313402	0.012996309
YGL02_GNYA1SO04I2BL1	4.078576214	-1.005188025	1.673439281	0.8309583	-0.080762168	0.759257406	0.419445089	0.00593464	0.038354492
YGL02.19386.C1	8.553277421	-1.005290774	-0.009360776	-0.263126258	0.574748853	0.019142686	0.146011915	1.80E-06	0.000145848
YGL02.17314.C1	5.824048801	-1.005675472	0.067445102	-0.409378103	0.186115692	-0.028281487	0.795957609	0.000598631	0.007420481
YGL02.10286.C1	5.440930106	-1.005815492	0.002960121	-0.957204653	0.14866103	0.254373744	1.09421308	0.000614251	0.007560513
YGL02.5991.C2	9.274138583	-1.006414249	-0.201859582	-0.582178912	0.14370969	0.384438097	0.862049181	4.06E-05	0.00113292
YGL02_GNYA1SO04IZBUI	9.369271554	-1.006463806	0.025241761	-0.663108814	0.296515224	0.019680523	0.337138219	0.000396864	0.005566834
YGL02_GNYA1SO04H2PEZ	8.551329333	-1.006707561	-0.313853331	-0.55329799	-0.191209322	0.344501066	0.892174901	8.83E-07	9.34E-05
YGL02.11235.C3	8.207914204	-1.006811249	-0.271153459	-0.714664648	-0.303242484	0.180960236	1.038900855	0.000132878	0.002584683
YGL02_GNYA1SO04I8LI9	8.111949591	-1.007297345	-0.167869951	-1.031519471	0.047223668	0.361457362	0.782152236	2.52E-05	0.000813041
YGL02_GNYA1SO04H99LO	5.998384619	-1.007358613	0.131388552	-0.615115059	-0.062851858	0.308003867	0.347719524	7.00E-05	0.001647715
YGL02.8618.C1	9.101626982	-1.007611827	0.345659431	-0.657021194	0.1209208	0.159398161	0.699998096	9.85E-06	0.000430015
YGL02.17851.C1	6.188965981	-1.007805993	-0.591435576	-0.659503767	0.308507767	0.14234821	0.915292099	0.000343333	0.005029517
YGL02.5764.C1	8.839265672	-1.007839597	-0.133173761	-0.873674981	-0.320262768	0.163575472	0.584937308	6.47E-08	2.07E-05
YGL02.2200.C1	7.212547539	-1.007962468	-0.304232937	-1.197966536	-0.081233	-0.113746567	0.333454675	3.67E-05	0.001060204
YGL02.2855.C1	5.80913118	-1.007990748	-0.753067919	-1.476817818	0.261901748	0.473093095	0.230848058	0.007619399	0.045888872
YGL02_GNYA1SO04I7YK6	6.971148194	-1.008045802	0.102542998	-0.524847943	0.785765669	0.175584047	0.194742452	0.000490116	0.006435769
YGL02.1088.C1	6.473873604	-1.008111333	-0.225883282	-0.324508462	0.460803212	-0.233777282	-0.021535102	6.00E-06	0.000312156
YGL02.7624.C1	7.362074102	-1.008518983	0.674547197	-0.625624235	-0.459507998	0.086252112	-0.648666517	0.005611829	0.036861253
YGL02.17148.C1	7.135623545	-1.008845054	-0.103939151	-0.313552868	0.049995226	0.380220615	0.947683039	8.36E-07	9.04E-05
YGL02_GNYA1SO04JDUBN	7.52927421	-1.008914023	0.051514512	-0.15251849	-0.589956468	0.228331978	0.584200493	1.16E-06	0.000111597
YGL02.2526.C1	7.355514596	-1.008918971	-0.172852989	-0.294003398	-0.123610298	-0.453974477	0.440320413	0.000109372	0.002259834
YGL02_GNYA1SO04II5T3	6.217544536	-1.00903906	-0.056925619	0.04690809	-0.025743892	0.032966252	-0.3275141	0.000163805	0.002977596
YGL02_GNYA1SO04IB42T	7.634989748	-1.0092295	0.01332444	-0.316159752	0.047722885	0.248473111	0.200658528	7.32E-05	0.001701703
YGL02.2935.C1	6.447556073	-1.010523866	-0.05800817	-0.705246497	0.348846919	0.035933032	0.562818843	1.90E-05	0.000669248
YGL02.8757.C1	6.806837985	-1.010549228	0.645994894	-0.008378668	-0.292671071	0.446342764	0.09851393	0.000222709	0.003701547
YGL02_GNYA1SO04IAU0A	8.157735245	-1.010555077	-0.134742213	-0.418393897	1.090997642	0.011782437	0.143291207	3.83E-05	0.001091328
YGL02_GNYA1SO04JUMRQ	6.440400376	-1.010617035	0.130193489	-0.329841901	0.899349593	0.229926567	-0.028917721	0.0005442	0.006941067
YGL02_GNYA1SO04IQEYT	5.900005412	-1.010719512	-0.103975757	-0.431177615	0.409953116	-0.497623106	0.33983129	0.000199407	0.003423509
YGL02_GNYA1SO04H91TC	8.663452008	-1.010982374	-0.56350443	-0.387864066	0.8331533	0.494952636	0.481505455	5.58E-05	0.001403887
YGL02_GNYA1SO04IFCGM	6.881870673	-1.011030666	0.14038248	-0.853818748	0.161605096	-0.186878722	0.120537745	0.000972623	0.010506556
YGL02_GNYA1SO04IAFVF	6.689445633	-1.011153182	0.227009585	0.053447023	0.087136306	0.402254499	0.93564363	0.003864534	0.028069366
YGL02_GNYA1SO04I1O12	9.266198817	-1.011303939	-0.481580107	-0.737103744	0.029815593	0.216011743	0.318519447	0.000101213	0.002143032
YGL02_GNYA1SO04IGFPU	5.93980372	-1.01136422	-0.021073201	-0.416802639	-0.466747069	0.225411835	1.093240608	0.006123815	0.039212294
YGL02_GNYA1SO04H2J8C	6.532364815	-1.011770524	-0.042334262	-0.781142501	-0.366598394	0.232434665	1.080684618	0.001281397	0.012762503
YGL02.15818.C1	6.160214816	-1.011862057	-0.600901203	-0.794145067	0.440761031	0.542338389	0.593853271	0.004172339	0.029700403
YGL02.9163.C1	7.307340668	-1.011906162	-0.143414106	-0.26287257	-0.131757198	0.520467565	0.795083134	0.000553492	0.007026374
YGL02_GNYA1SO04I4HJ8	8.265499965	-1.012126962	0.07711036	-0.929072607	0.044496604	0.24096038	0.773783468	9.32E-05	0.002024538
YGL02.2399.C4	10.75999974	-1.012247557	-0.316437266	-0.698571979	0.035675669	0.194308464	0.876354228	7.74E-08	2.23E-05
YGL02_GNYA1SO04JWTMG	9.330935005	-1.012344209	-0.066810678	-0.808482812	-0.150870033	0.305459207	0.829901734	2.43E-06	0.000175636
YGL02_GNYA1SO04JXAEW	8.910754345	-1.012895999	0.10072942	-0.008713933	-0.11355871	-0.070489907	0.655234821	2.18E-06	0.000164581
YGL02_GNYA1SO04JU1XG	7.556434901	-1.012948523	-0.567149641	-0.787273734	-0.151966092	-0.45946937	-0.237768169	0.003647937	0.026926919
YGL02_GNYA1SO04IUV4V	6.0530637	-1.013079154	0.014864377	-0.128082704	-0.814982665	-0.060726018	0.439873214	0.004453297	0.031118682
YGL02.10134.C1	4.966941311	-1.013888993	-0.825783764	-0.300238167	0.337960677	0.647220911	0.490641378	0.004819888	0.033008886
YGL02_GNYA1SO04I42QU	9.822709219	-1.013951854	-0.214692673	-0.565869875	0.200368421	0.266949942	0.737817095	1.25E-05	0.000499988
YGL02.21817.C1	8.096251281	-1.014126093	-0.18038804	-0.162960662	-0.298186088	0.447562236	0.680979868	9.20E-07	9.59E-05
YGL02_GNYA1SO04JZZ6G	4.930170746	-1.014226876	-1.384576872	0.070404392	-0.532981021	1.181927537	0.602354699	0.001188485	0.012114903
YGL02_GNYA1SO04JFN9G	8.399569235	-1.014239653	0.741901083	0.011989997	-0.311691975	-0.264049431	0.490295271	3.35E-05	0.000992857
YGL02.4601.C2	8.330684579	-1.014436802	0.085628787	-0.344756503	-0.300296185	0.106138512	0.125997888	0.000556603	0.0070548
YGL02_GNYA1SO04JJGRR	8.293227561	-1.01480422	-0.326452176	-0.377866768	-0.396211153	0.264987767	0.195310943	2.92E-05	0.000903177
YGL02.10208.C1	12.29066138	-1.014969637	-0.009648926	-0.594510102	-0.220359946	0.110438879	0.794238973	7.78E-06	0.000369231
YGL02_GNYA1SO04JO0B4	7.782561501	-1.015126977	-0.344565945	-0.290552442	-0.128271457	0.241837202	0.381763916	9.35E-05	0.002028511
YGL02.570.C3	8.784428446	-1.015367672	-0.253533108	-0.34193148	0.480463858	0.296034046	0.565165111	3.03E-06	0.000200774
YGL02.12704.C1	7.781531339	-1.015439734	0.131066882	-0.414438208	0.001536073	-0.020569033	0.787558086	8.28E-06	0.000385643
YGL02.2818.C32	5.942611521	-1.015765017	0.010768476	-0.538211134	0.083154031	0.358026976	0.801940771	0.002045493	0.017823095
YGL02_GNYA1SO04H8EYW	6.491095384	-1.015888521	-0.281885077	-0.170486884	0.39069469	0.457431331	0.78957897	0.004216204	0.029916309
YGL02.22206.C1	6.240997062	-1.016069771	-0.221662323	-0.28531816	0.165801528	-0.07788491	0.528788532	0.000304168	0.004625298
YGL02.17201.C1	9.432518591	-1.016257529	-0.137167759	-0.413511433	0.822384217	0.099442473	0.198032042	1.90E-05	0.000670392
YGL02.22469.C1	5.079561116	-1.01663168	0.403870075	-0.708908958	-0.048905641	-0.041504632	0.507879154	0.005300871	0.035367821
YGL02.1669.C39	7.308621314	-1.016898656	0.446709531	-1.091916301	0.142285355	0.048962572	0.696502609	6.16E-05	0.001500745

YGL02_GNYA1SO04H72A2	7.290066606	-1.017094783	0.129057706	0.12174	0.094187674	0.166103411	0.35436326	4.12E-06	0.000245715
YGL02.4048.C3	11.30746978	-1.017310377	-0.331075293	-0.669550567	0.04015248	0.232257258	0.840598639	1.88E-07	3.54E-05
YGL02.19020.C1	3.586035616	-1.017673167	0.122283844	-0.132153509	0.851557729	0.283966916	0.964262318	0.002520253	0.020702017
YGL02.1552.C1	6.741002197	-1.01800118	0.081753579	-0.338733072	-0.064219724	0.095023019	0.607555461	4.91E-05	0.001287077
YGL02_GNYA1SO04H8IHS	6.458587748	-1.018090562	0.280435946	-0.153749206	-0.116486793	0.332348522	0.837229069	0.000422423	0.005807102
YGL02_GNYA1SO04H1BK0	8.483533309	-1.018499263	-0.008346563	-0.190526778	-0.267631072	0.015893615	0.415377078	5.80E-06	0.000306021
YGL02.11550.C1	5.87889333	-1.018572417	-0.225460181	-0.379528585	-0.365909901	0.38657124	0.527291692	0.000961086	0.010430655
YGL02.835.C4	10.01281478	-1.018692012	-0.276239792	-0.482761573	1.261296592	0.065627946	0.164554211	2.47E-05	0.000801856
YGL02.17445.C1	6.520448757	-1.019010313	-0.258074347	-1.138886657	0.335741098	0.053723904	0.893542342	1.43E-07	3.03E-05
YGL02.1503.C2	10.69314937	-1.019502914	0.201728542	0.230808863	0.023989618	0.00054259	0.190983016	0.000100042	0.002125544
YGL02.22499.C1	5.574216893	-1.019522721	-0.513109119	-0.189659315	-0.06495383	0.698811604	0.526640609	0.00031979	0.004784806
YGL02_GNYA1SO04IGX5J	10.18661211	-1.019718767	-0.056547358	-0.346016192	0.501978155	0.068565876	0.121694621	2.61E-05	0.000835054
YGL02_GNYA1SO04IHLWM	9.207152825	-1.01982224	-0.028881213	-0.470749194	0.74749574	0.221292924	0.262077306	0.006688437	0.041755678
YGL02.6840.C1	5.236721969	-1.020468355	-0.014330193	-0.00514931	0.234552301	0.506956505	0.264873502	0.000783729	0.009018231
YGL02.14636.C1	6.329522302	-1.020564689	-0.677504757	-0.567646448	0.035380436	0.582508242	0.26838408	0.000454096	0.006103217
YGL02.11149.C1	5.879116786	-1.020585759	0.331434598	-0.389634346	0.297367771	-0.229299752	0.08406608	0.000448469	0.006047044
YGL02.3203.C1	10.25141988	-1.020749818	0.310197432	-0.285862612	-0.268405996	0.159648735	0.48878742	3.92E-06	0.000238095
YGL02_GNYA1SO04H2NHQ	8.565715094	-1.020864481	-0.261683367	-1.058344544	-0.114899745	0.070881081	0.531871135	0.000958376	0.010408218
YGL02_GNYA1SO04IQH4M	7.898227818	-1.02138593	-0.647601163	-1.526082402	0.158040743	0.25118822	0.185842322	0.002586238	0.02107161
YGL02_GNYA1SO04JQK9F	11.37069261	-1.02146844	-0.003986172	-0.376878972	0.107197233	0.197909041	0.81021193	2.81E-07	4.52E-05
YGL02_GNYA1SO04JCGKU	5.576414718	-1.021895343	0.3731584	0.01651552	-0.53733982	0.021208695	0.978235204	0.004552245	0.031608892
YGL02_GNYA1SO04I739I	6.355499767	-1.021965057	0.146079441	-0.462059565	2.45437781	-0.324683168	0.015666197	0.005975654	0.038535099
YGL02_GNYA1SO04JOLJV	5.850881262	-1.022383695	0.175514517	0.381999876	-0.027550137	0.425343453	0.724382766	5.00E-05	0.001302028
YGL02.5926.C1	7.450457934	-1.022422201	-0.356162198	-0.411033596	0.06530049	0.078806566	0.408198	8.99E-05	0.001971829
YGL02.4016.C1	5.98249502	-1.022510237	-1.303110717	-0.902682853	-0.16537038	0.448271168	1.094841837	0.002295558	0.019362891
YGL02_GNYA1SO04I3XLB	6.627285843	-1.023073465	-0.037796664	-0.539609862	-0.308370589	0.45939137	1.069584486	0.001761238	0.016048863
YGL02_GNYA1SO04I9X0M	9.584972813	-1.023679526	-0.791826866	-0.459927352	0.053386517	0.23239547	0.675916616	0.000360506	0.005197008
YGL02_GNYA1SO04ID7W1	7.601725525	-1.023680319	-0.500374445	-0.73944842	-0.389505427	0.040351616	0.455579974	1.67E-05	0.000611303
YGL02.1609.C1	6.297147594	-1.024103346	-0.082177599	-0.831317227	0.052007495	0.37250922	0.654056342	0.000894909	0.0099135
YGL02_GNYA1SO04IFR2K	9.961447397	-1.024192502	0.12991213	-0.159930727	0.059086381	-0.144430622	-0.002446848	3.31E-06	0.000213349
YGL02.9144.C1	5.844881842	-1.024429217	0.309763821	-0.148921477	0.246928847	0.181099677	0.753143442	0.00503219	0.034057573
YGL02.17325.C1	6.43654773	-1.024782019	-0.060721539	-0.531137709	0.238826291	0.169099064	0.629678132	0.000218989	0.003657291
YGL02.1792.C4	9.606800213	-1.025007595	-0.044435033	-0.119789572	-0.013288792	0.157676806	0.479114629	2.89E-05	0.000898619
YGL02_GNYA1SO04JUEUV	9.193425952	-1.025065156	-0.196022265	-0.414771065	1.054527967	0.16294729	0.236781152	5.04E-05	0.001308472
YGL02.13057.C1	6.826035219	-1.025069339	-0.35254123	-0.867330492	0.12383363	0.194063163	0.870393251	0.000218737	0.003653552
YGL02_GNYA1SO04IOAKF	12.51410539	-1.02508155	-0.031685627	-0.411835895	-0.40884774	0.414699485	0.846326625	5.22E-06	0.000285618
YGL02_GNYA1SO04JQUTI	6.768867048	-1.02553642	-0.217596221	-0.395992815	0.974273421	0.208904575	0.209371744	0.002483466	0.020482098
YGL02.19348.C1	8.14253881	-1.025687221	-0.219485353	-0.080904562	-0.618157294	0.279584369	0.541286079	0.00012367	0.002460435
YGL02_GNYA1SO04JNC1W	10.68039203	-1.025829275	-0.1512968	-0.362512808	-0.313299304	0.246344432	0.731956722	1.44E-05	0.000553247
YGL02_GNYA1SO04JG8LV	5.831739381	-1.026132788	-0.439934147	-0.505857515	0.132968991	0.930082229	1.098071239	0.006042968	0.038871007
YGL02.2650.C3	5.570769518	-1.026748239	0.094292514	-0.292827083	0.113143975	0.423204721	0.953692177	0.001700011	0.015647716
YGL02_GNYA1SO04H361D	7.664476094	-1.026894668	-0.161302356	-0.461742207	0.919698824	0.170430549	0.410125757	8.40E-05	0.001877942
YGL02.17613.C1	8.281318461	-1.026944355	0.408010478	-0.415183879	-0.444980346	-0.274397253	0.438178937	4.22E-05	0.001161875
YGL02.10089.C1	5.590174987	-1.027073094	-0.205378993	-0.552226348	0.856084276	0.251355084	0.502834743	0.001817572	0.016413637
YGL02_GNYA1SO04IXQ04	6.649590068	-1.02715415	0.180342261	-0.375444111	0.776291312	-0.203443983	0.334282698	0.000233871	0.003829286
YGL02_GNYA1SO04H3FEB	6.209856392	-1.027217251	-0.306860847	-0.003193521	0.274128171	-0.19833931	0.160810378	0.001229272	0.012403621
YGL02.8911.C1	7.127855569	-1.027813145	0.031737094	-0.403215237	-0.095456533	0.083106539	0.795075311	0.000256381	0.004086255
YGL02_GNYA1SO04IZTW6	3.649368832	-1.028053621	-1.050641508	-0.998905305	0.306464876	1.011114821	1.315530402	0.004644473	0.032094402
YGL02.2769.C1	7.814163473	-1.028126931	-0.309915537	-0.435040287	-0.136679626	0.103977504	0.67821164	6.70E-07	7.83E-05
YGL02.6102.C1	3.976591793	-1.028194448	0.602984123	-0.384912791	0.468564458	0.116113195	1.435917403	0.003724732	0.0273407
YGL02_GNYA1SO04H7VSZ	10.32442436	-1.02859236	-0.26685027	-0.815532736	0.362909565	0.145606715	0.19283827	0.000144586	0.002737634
YGL02.18058.C1	7.187699973	-1.028717114	-0.730499141	-1.115685531	0.238213558	-0.20474184	0.735667715	0.001048578	0.011082967
YGL02_GNYA1SO04H7A5Z	6.736304986	-1.028720167	-0.729805318	-1.691365468	-0.358265026	0.894555223	1.966745395	0.005148973	0.034620796
YGL02_GNYA1SO04H29NC	8.229074514	-1.028827574	-0.06221422	-0.399337004	1.040559065	0.206920633	0.345470671	6.19E-05	0.001504578
YGL02.16172.C1	3.534642504	-1.029127404	-0.567332148	-0.553714105	0.527070775	0.730437796	1.054787823	0.006579423	0.041262092
YGL02.329.C28	11.05529975	-1.029197388	-0.117131647	-0.347750385	0.696041975	0.107408085	0.119107473	2.26E-05	0.000755353
YGL02_GNYA1SO04JSXC6	6.838497489	-1.029350147	-0.245079977	-0.583781472	-0.120318202	0.17777558	0.596298871	0.000874524	0.009748182
YGL02.21997.C1	6.865990531	-1.029352551	-0.073574628	-0.882368821	-0.102648467	0.543296895	1.296902292	0.000808144	0.009227016
YGL02.10176.C1	7.523368114	-1.029906984	0.239276939	-0.31673463	-0.344764685	0.318918207	0.866514749	1.03E-05	0.000442614
YGL02_GNYA1SO04J0I13	7.857579738	-1.029989621	-0.442569692	-0.59625909	-0.055816708	0.665892436	0.874094909	2.18E-05	0.00073734
YGL02.10293.C1	7.368765878	-1.03006326	-0.249541246	-0.630607636	1.022508376	0.094347145	0.251170811	0.000436358	0.005928466
YGL02.2519.C2	6.456271185	-1.030121429	0.189934422	-0.4239559	-0.377654277	0.232677701	0.890398313	0.000119047	0.002392351
YGL02_GNYA1SO04IWLSS	4.619689975	-1.030161468	-0.113859708	-0.193931644	0.647392787	0.436480102	0.7099772	0.005609187	0.036849531
YGL02_GNYA1SO04JO5GF	8.83742588	-1.030195771	-0.138173097	-0.465002734	0.994536727	0.177979569	0.26572884	0.000153218	0.002845873
YGL02.14145.C1	6.844663409	-1.030210286	-0.341229525	-0.675214897	-0.140183845	0.277675258	1.220064258	2.22E-05	0.000746597
YGL02_GNYA1SO04JNAVT	8.29561163	-1.030488069	-0.118335004	-0.619271832	-0.179270744	-0.174471736	0.725933421	1.31E-05	0.000516456
YGL02_GNYA1SO04JHY1C	8.49948527	-1.03049464	-0.164140788	-0.356905361	0.600800771	0.219344453	0.321153222	0.000242498	0.003929301
YGL02_GNYA1SO04H0R9U	6.449673294	-1.030923251	0.179350418	-0.041309712	0.526496104	-0.176881141	0.119271499	0.001299386	0.01289844
YGL02_GNYA1SO04JZCZI	5.488470369	-1.031267072	0.081932658	-0.778805053	-0.371486448	-0.493536212	0.500921385	0.000426388	0.028941584
YGL02.1343.C2	3.906277823	-1.03129781	-0.375476596	-0.899343609	0.00322379	0.341092366	1.094818345	0.000958278	0.010408031
YGL02.20542.C1	8.740844616	-1.031792975	-0.344327124	-0.923409234	0.003832611	0.121987859	0.783760758	4.82E-06	0.00027077
YGL02.8637.C1	7.613050347	-1.032461936	0.107374394	-0.450702265	-0.063060927	0.307043541	0.853427699	1.77E-05	0.000634853
YGL02.9806.C1	4.424370417	-1.032564114	-1.187307458	-1.241940691	-0.128568045	0.873667456	1.136352781	0.002231809	0.018962955
YGL02_GNYA1SO04I2CH3	6.174494526	-1.032604242	-0.564711558	-0.672233487	0.552197288	0.128037999	1.182823558	0.002749475	0.022048617
YGL02_GNYA1SO04J0D0P	4.226026511	-1.032854755	0.474801256	0.474791783	0.592916429	0.366470319	0.772308947	0.000504055	0.006554927
YGL02_GNYA1SO04IJYCN	6.480774046	-1.033097639	0.528076911	-0.4250451	-0.58275633	-0.289788235	1.527855937	0.001300167	0.012903797
YGL02_GNYA1SO04JLJ0I	6.825256028	-1.03332493	-0.520752459	-0.773345301	-0.196389441	0.934319777	0.704960396	0.000843945	0.009507152
YGL02.13653.C3	8.161746085	-1.033454894	-0.166192661	-0.893233899	0.314329179	0.061507018	-0.454291181	0.000324246	0.004835525
YGL02.12657.C1	7.865973911	-1.033811022	-0.095765936	-0.629964965	-0.028757522	0.203255843	0.80528242	7.22E-05	0.001686586
YGL02_GNYA1SO04IIJ22	8.452653413	-1.03392463	0.091634947	-0.343256202	1.044805764	-0.044515105	0.017033456	0.003565425	0.026517045
YGL02.935.C1	5.366318336	-1.034019857	0.074272813	0.609768685	-0.314933445	-0.060632015	0.59550466	0.006042447	0.038869591
YGL02.23065.C1	4.763195525	-1.034410052	-0.227046606	-0.323465961	0.140268018	0.423740024	0.765535986	0.002042825	0.017807043
YGL02.6114.C1	9.573090405	-1.034699151	0.068310139	-0.400634713	-0.066693332	0.124950491	0.884783543	9.76E-07	9.91E-05
YGL02.7374.C1	7.337033341	-1.034977263	0.006792609	-0.884138444	0.721789598	-0.078565813	0.212474445	2.64E-05	0.000840686
YGL02_GNYA1SO04I3V3I	7.945496611	-1.035028259	-0.026232936	0.022826835	-0.206740325	0.433611623	0.542706283	5.75E-05	0.001434583
YGL02_GNYA1SO04IMBDX	5.965983784	-1.035196847	0.040757547	-0.387032154	0.581863039	0.322514099	0.33480974	0.003076192	0.023861044
YGL02_GNYA1SO04JA7XX	5.450341263	-1.035501952	-1.013345477	-0.338818508	0.180756911	0.698824877	0.908237208	0.000723256	0.008517648
YGL02.2806.C1	6.086173257	-1.035641593	-0.462065776	-1.218736824	0.032514695	0.196958307	0.334406504	0.002082355	0.018044731
YGL02_GNYA1SO04I5AJF	7.582275677	-1.036605292	0.010183534	-0.265564326	0.216390256	0.176266852	0.629735907	0.001852511	0.016626769
YGL02_GNYA1SO04JNOBK	6.84115561	-1.03670365	-0.305035923	-0.014939513	0.278495307	0.171335572	0.358774265	5.99E-05	0.001474045

YGL02.14475.C1	7.775355551	-1.0368106	-0.145834067	-0.579738024	0.734171054	-0.059318583	0.105183716	0.000213994	0.003597522
YGL02.9912.C1	6.914775562	-1.036970934	-0.317364178	-0.770961966	-0.192262332	0.836762734	1.217846936	6.44E-05	0.001549146
YGL02.132.C2	6.781556763	-1.03720286	0.166023642	1.710549246	-0.056092152	0.138956351	0.78909385	1.34E-05	0.000524047
YGL02_GNYA1SO04INH84	7.289024449	-1.038265879	-0.154500758	-0.129963498	0.888724772	-0.07549942	0.16720911	0.001479474	0.014159235
YGL02.2067.C1	7.159560467	-1.038487412	-0.068500848	-0.455757475	0.471362797	0.355677434	0.373051439	0.000501768	0.006535039
YGL02_GNYA1SO04JNYA3	5.487477963	-1.039031677	0.255846621	-0.706852101	0.607464806	0.217443293	1.109660021	0.001269278	0.012679196
YGL02.2661.C2	10.03783596	-1.039227842	-0.002000276	-0.137425604	-0.129838244	0.172329943	0.571347151	4.90E-08	1.83E-05
YGL02_GNYA1SO04JRYHU	5.613276584	-1.039614255	0.096789403	-0.290946007	0.231144436	0.333940974	0.634426881	0.001213338	0.012292645
YGL02.23195.C1	4.594293249	-1.039881048	-0.705342466	-0.742581263	0.04627832	0.156792081	0.972932781	0.005829827	0.037874376
YGL02_GNYA1SO04IUN7Y	12.18868988	-1.039982542	-0.0422866	-0.727583937	-0.123388554	0.170953034	0.896312374	4.46E-06	0.00025807
YGL02.11495.C1	9.0901448	-1.040255834	-0.234744551	-0.585484053	-0.326177653	0.001106416	0.210349624	0.005085878	0.034307973
YGL02.18930.C1	3.44397659	-1.04031145	0.594131795	0.421956851	0.878485465	-0.528443226	-0.26552243	0.007828792	0.046803537
YGL02.182.C1	8.581733304	-1.040533375	-0.308861368	-0.791063715	-0.188908252	-0.169390661	0.398919367	6.72E-05	0.001596611
YGL02.15034.C1	6.481004781	-1.041384592	-0.179558728	-0.252358552	0.624452988	0.16510222	0.163041371	0.00148413	0.01418583
YGL02_GNYA1SO04ILVZK	10.88597392	-1.041954656	-0.082768969	-0.431891962	0.931337869	0.078823339	0.214113731	0.000121649	0.002428752
YGL02.5614.C1	7.248902462	-1.042083289	0.738312499	0.101095202	-0.249277821	0.192260401	1.140989341	9.68E-06	0.000424994
YGL02.12607.C1	7.412483168	-1.042312483	-0.277802428	-0.983960079	0.12317848	0.264772007	0.832449038	2.06E-06	0.000158271
YGL02_GNYA1SO04IGHGR	6.650874186	-1.042337242	-0.421269031	-0.261402878	-0.648578263	0.240633572	-0.097323223	5.01E-06	0.000278301
YGL02.7867.C2	8.301400068	-1.042565876	-0.498905021	-0.355279217	-0.348804582	0.403865574	0.762971817	3.31E-05	0.000984913
YGL02.707.C1	8.62989297	-1.042634335	0.005637737	-0.718216157	-0.01716008	0.291659691	0.533856515	5.85E-05	0.001451867
YGL02_GNYA1SO04IYCDZ	7.618161811	-1.043462723	0.135614567	-0.510645237	-0.155629572	0.183131819	0.761273374	7.20E-07	8.18E-05
YGL02_GNYA1SO04H7AN5	7.607184497	-1.043566069	-0.180307122	-0.578114945	-0.298482344	0.431824852	0.660785027	1.21E-05	0.000488732
YGL02_GNYA1SO04H79Q8	13.22807755	-1.043629501	0.102294891	-0.449877797	-0.405316932	0.07970657	0.672727402	7.17E-06	0.00034967
YGL02.6605.C1	4.679246664	-1.043983192	0.420027545	-0.994964634	-0.157157332	0.502749388	1.015530099	0.002785661	0.022258097
YGL02_GNYA1SO04ITW5D	8.764085969	-1.044129167	-0.019389365	-0.406547676	1.112308041	0.108362797	0.196889293	0.002801662	0.022344731
YGL02.2382.C3	9.15332577	-1.044137591	-0.514128	-0.936629626	0.044816184	0.667314992	0.969140759	7.42E-05	0.00171642
YGL02.23330.C1	5.98179122	-1.044370599	0.101924701	0.047277681	0.794826172	0.128007648	0.111318558	0.000108477	0.002246888
YGL02.7392.C2	9.058228462	-1.044624284	-0.086879837	-0.580673943	0.464992478	-0.10765575	0.274286792	3.07E-05	0.000935539
YGL02.18919.C1	9.856673306	-1.044769151	0.170691445	-0.292018047	0.234870642	0.154728403	0.372109615	0.004522096	0.031461962
YGL02.14952.C1	7.214831471	-1.044926345	-0.261332178	-0.571948173	-0.004151599	0.335838874	1.164935967	1.44E-06	0.0001271
YGL02.4918.C2	6.164401139	-1.04513498	-0.169710257	-0.879374373	1.852335334	0.0034108	0.761016562	0.00445085	0.031108344
YGL02_GNYA1SO04IGIDB	6.31217155	-1.045444987	-0.054847726	-0.810735079	1.267346316	0.250662446	0.839072412	0.000828993	0.009393838
YGL02.15714.C4	6.433494982	-1.045643432	0.024691214	-0.564623734	0.982649388	0.190522687	0.389062831	0.000151729	0.002827946
YGL02.16308.C1	8.051413218	-1.045921593	-0.039984522	-0.720648994	-0.193335283	0.471304098	0.767003345	0.000221605	0.003692389
YGL02_GNYA1SO04ILGED	7.161377911	-1.046133099	-0.851927234	-0.008650085	-0.254714468	0.252259831	0.244244398	0.000232676	0.003815506
YGL02.4705.C1	5.350115282	-1.046257214	-0.15251282	0.095208339	-0.140056669	0.645974866	0.489571656	0.000398376	0.00557958
YGL02_GNYA1SO04JCVY6	6.934729022	-1.046576716	0.203071712	0.406443231	0.09871971	-0.026630758	0.463202802	0.006599848	0.041352132
YGL02.4396.C1	6.285527675	-1.046607739	-0.296461543	0.116471564	-0.138661048	0.653006979	0.231928383	0.008609012	0.049998936
YGL02.18284.C1	5.775799309	-1.046631899	-0.197253619	-0.729747765	0.143762295	0.12727877	0.980432652	0.000587989	0.007329222
YGL02.19367.C1	6.658364876	-1.047068028	-1.826805619	-0.152074535	-0.948622706	1.282147003	0.701432783	0.006837033	0.04238097
YGL02_GNYA1SO04H3SPZ	7.128330495	-1.04716572	-0.57628578	-0.819086142	-0.332866543	0.46283799	0.87332029	0.000774542	0.008943165
YGL02_GNYA1SO04JYB2Y	4.453079478	-1.0474293	2.163473837	-0.573075492	0.108985991	0.849994264	0.437550318	0.004359886	0.030651663
YGL02_GNYA1SO04H1QNM	9.730433434	-1.047447526	-0.232610462	-0.491847683	-0.18247516	0.361595797	0.76411141	1.79E-07	3.44E-05
YGL02.22601.C1	3.973540846	-1.04765614	-0.907678088	-0.541826972	0.224897732	0.946074556	0.725656887	0.001792861	0.01625396
YGL02_GNYA1SO04IFFYT	8.996604488	-1.047667214	-0.442669902	-0.961333675	-0.412883574	0.056948283	0.517965686	6.02E-06	0.000312491
YGL02.1225.C2	9.859685389	-1.047673311	0.036125561	-0.71859517	-0.186108439	0.420120606	0.841443891	3.83E-07	5.45E-05
YGL02.19612.C1	7.079392498	-1.04788127	0.020020274	-0.363196768	-0.065696241	-0.177575213	0.32038428	6.28E-06	0.000320887
YGL02_GNYA1SO04JLJDX	7.656680474	-1.048345818	-0.129534465	-0.393822887	0.747341431	0.258480106	0.238278374	0.000256641	0.004089898
YGL02_GNYA1SO04IRZVT	8.67926666	-1.048367529	-0.201678544	-0.905224539	0.151300737	0.405387843	0.452187219	0.001377986	0.013449109
YGL02.1078.C5	11.27138197	-1.048550195	0.007629176	-0.599881642	-0.080197765	0.234000608	0.866828578	7.88E-05	0.001794219
YGL02_GNYA1SO04JFIVM	7.16426621	-1.048580561	0.020542146	-0.195334349	0.92105527	-0.137643973	0.069820813	0.00023311	0.003820251
YGL02.8811.C1	5.458721816	-1.048943028	-0.556855687	-0.788505212	0.562332963	-0.346701681	0.5592868	0.00293853	0.023080046
YGL02_GNYA1SO04IPM14	9.236219078	-1.048960596	0.223688586	0.170417486	0.360729367	0.003568031	-0.013255053	6.35E-05	0.001534738
YGL02_GNYA1SO04ILVTY	6.553935447	-1.04899813	-0.66679946	-0.706459621	1.188702934	0.295099221	0.020058414	0.002792727	0.022291435
YGL02.22661.C1	4.792124709	-1.049241523	-0.703695801	-0.382871773	0.054744417	0.518834774	-0.003279602	0.008213983	0.048402476
YGL02_GNYA1SO04IVF1U	7.041023073	-1.049480361	0.649093998	-0.133129186	-0.042479707	-0.161587525	0.667732168	0.000947624	0.010327829
YGL02.1503.C1	11.00273679	-1.049835389	0.200031779	0.270494722	-0.009232456	0.061049165	0.264056746	1.70E-05	0.000618057
YGL02_GNYA1SO04H3OKW	7.661691255	-1.050255743	0.115827985	-0.514723674	-0.197541532	0.080141966	0.541969758	6.17E-05	0.001502603
YGL02_GNYA1SO04IGYXS	7.064870577	-1.050419403	-0.027460332	-0.261177991	1.006481929	0.083627898	-0.075489813	0.000124913	0.002473926
YGL02.4602.C1	7.712764763	-1.050489882	0.026956085	-0.323164879	0.84222357	0.131491154	0.272837546	0.000709277	0.008393775
YGL02_GNYA1SO04ICQHW	10.0399489	-1.050807689	-0.057364556	-0.386579769	0.275215113	0.190883589	0.132527144	0.002044854	0.017818729
YGL02.14660.C1	7.410183963	-1.050964338	-0.119367422	-0.324835919	0.968597799	0.154029643	0.16878239	0.000726074	0.008543845
YGL02_GNYA1SO04JS9SM	8.743431057	-1.051513026	0.069899135	-0.346312385	0.066560879	0.193427916	0.761754092	9.81E-07	9.95E-05
YGL02_GNYA1SO04IA9AH	5.468652134	-1.051535187	0.473232658	0.04606545	-0.487402725	-0.171211613	-0.240670654	0.007693495	0.046208004
YGL02.6431.C1	7.988748034	-1.051949626	-0.155641654	-0.743275535	-0.214838698	0.120241598	0.608364091	0.000495878	0.006484109
YGL02_GNYA1SO04ISCPG	7.538493502	-1.052356228	-0.333134318	-0.619416612	0.812006015	0.208914624	0.301968369	0.000126573	0.002491788
YGL02_GNYA1SO04ISHLA	7.31205684	-1.052533352	-0.343622004	-0.892602372	0.067647171	0.048054558	0.602207424	2.71E-05	0.000853594
YGL02_GNYA1SO04H6UIG	5.682454628	-1.052676355	-0.065590779	-0.475373494	1.337049367	0.246101811	0.432051315	2.51E-05	0.000811608
YGL02.23668.C1	6.119619965	-1.052723636	-0.806326885	-0.876595041	0.174090296	0.866615796	0.869274312	0.000855767	0.009605612
YGL02.21159.C1	7.718056697	-1.052852678	-0.324478223	-0.705492822	0.190186872	0.263061096	0.810808654	5.77E-06	0.000304895
YGL02_GNYA1SO04JMMO9	7.095294211	-1.05296698	0.35251192	-0.132887123	-0.070429605	0.278453797	0.269812589	0.000197669	0.003402585
YGL02_GNYA1SO04JRS8G	8.391813086	-1.052981265	-0.018518984	-0.382802126	0.188283605	0.062878771	0.783830066	6.20E-08	2.06E-05
YGL02_GNYA1SO04IAIK5	8.400052819	-1.053113713	-0.231766812	-0.440165208	0.437019578	0.384147068	0.341514959	0.001149534	0.011828778
YGL02.11616.C1	7.222835339	-1.053542303	-0.205661511	-0.965283605	-0.023103965	0.00759731	0.923951381	0.000154601	0.002866286
YGL02.9721.C1	7.83423296	-1.053548176	-0.060306073	-0.490494503	0.31315957	0.211191654	0.852336497	1.92E-06	0.000152314
YGL02.18493.C1	6.36730108	-1.053684846	0.343393247	-0.240400103	0.222871767	-0.091695269	0.327376917	0.000819854	0.009318823
YGL02.4885.C1	8.131756074	-1.054090786	0.059383573	-0.809603345	0.998605403	0.239271894	-0.000233934	0.005022871	0.034017613
YGL02_GNYA1SO04IN4NL	5.964603125	-1.054127644	-0.36498529	-0.847149343	-0.139190627	0.11590953	0.575381828	0.00805073	0.047724968
YGL02.6916.C1	5.101536542	-1.054315168	0.500333699	-0.137072283	0.342930006	-0.530524706	1.239923236	0.003589789	0.026644684
YGL02.7567.C1	9.429970209	-1.054428684	0.024433944	-0.539981657	0.028917828	0.269056673	0.884700773	9.44E-08	2.50E-05
YGL02_GNYA1SO04I4756	7.354147051	-1.054500759	0.144798297	-0.518502087	0.80500819	-0.078843618	0.294761326	0.001627803	0.015167427
YGL02.731.C1	5.603252607	-1.055103205	-0.438097585	-0.660649462	0.049796141	-0.004123962	0.721202445	0.005355701	0.035617891
YGL02.2399.C3	10.50637386	-1.055196283	-0.318591333	-0.760011055	-0.052917443	0.240337993	0.914804747	5.87E-08	2.01E-05
YGL02.1964.C13	9.57225701	-1.055449539	-0.04262241	-0.46430528	0.727583866	0.19552044	0.210336775	0.001796779	0.016277985
YGL02_GNYA1SO04H1NN3	7.699229997	-1.055782727	-0.19544537	-0.251392661	-0.392696853	0.455226939	0.672396434	4.15E-05	0.001150658
YGL02.19760.C1	9.093857045	-1.055846728	-0.170399355	-0.28445349	0.159529922	0.326058291	0.957299776	3.15E-06	0.000206271
YGL02_GNYA1SO04H1S1E	9.678323645	-1.056068594	0.0799004	-0.282392162	0.539962706	-0.009680669	0.055046825	0.002545242	0.020847775
YGL02_GNYA1SO04JNMIK	10.67829973	-1.056485128	-0.163339506	-0.359369306	0.746732746	0.180508725	0.116444615	7.15E-06	0.000349277
YGL02_GNYA1SO04IYUGY	6.2562994	-1.056486336	-0.571002427	-0.939055337	0.458160342	0.634319188	0.069900262	0.001071629	0.011244015
YGL02_GNYA1SO04IZ8GC	8.265635019	-1.056786299	-0.18766047	-0.734592466	0.006093132	0.435094957	1.141112304	4.42E-05	0.001201956

YGL02_GNYA1SO04JI72M	9.012489206	-1.056966817	0.190383699	-0.106761722	-0.031833037	0.033314874	0.340825073	1.89E-06	0.000150888
YGL02.13245.C2	3.853493752	-1.05700725	-0.655543415	-1.104655801	0.385307449	0.666953799	1.099935009	0.004138278	0.029522803
YGL02.10046.C2	7.768459407	-1.057541777	-0.185362848	-0.390272548	0.66078477	0.27083296	0.237256911	0.000433334	0.005901958
YGL02.17204.C1	4.182867293	-1.058068728	-0.712377226	-0.170566056	-0.15668992	0.843126877	0.789713008	0.006908105	0.042680226
YGL02.4908.C1	7.238525143	-1.058313009	-0.240572572	-0.175310363	-0.265940941	-0.005228922	0.797384344	2.81E-05	0.0008782
YGL02.4527.C1	6.21501446	-1.058336834	-0.090313223	-0.265576354	0.37986138	0.325309794	0.644415185	2.55E-05	0.000819458
YGL02_GNYA1SO04JJGPT	7.875290746	-1.058938344	0.09214942	-0.861303525	0.13199727	0.199749766	0.873226915	0.0003957	0.00555412
YGL02_GNYA1SO04J01HK	7.301773748	-1.058975815	-0.078469339	-0.348341324	-0.484974324	0.658274882	0.509992621	0.000553724	0.007028632
YGL02.1112.C3	7.867134945	-1.059016697	-0.10537669	-0.129764794	-0.071869405	0.32931373	0.701538008	8.81E-05	0.001943802
YGL02.13900.C1	5.517131461	-1.059417191	-0.610355337	-0.352982725	0.876867274	0.354432772	0.430879737	0.000818308	0.009307779
YGL02.16756.C1	8.268912828	-1.059779348	-0.235204101	-0.506352037	-0.142854425	0.237373502	0.609153453	6.94E-07	8.00E-05
YGL02_GNYA1SO04H22CM	7.941454527	-1.059872327	-0.260043276	-0.200283929	0.631399939	0.226171338	0.277905209	0.000854797	0.009596389
YGL02_GNYA1SO04JD2FD	9.684944399	-1.059889451	-0.108075767	-0.593456984	0.957303429	0.062784059	0.241398084	9.33E-06	0.000415221
YGL02.16607.C2	5.867153132	-1.060666976	-0.25545705	-0.396265886	0.004076465	0.168578353	0.570492025	0.006289426	0.039944429
YGL02.7669.C1	9.412227625	-1.060787539	-0.256198622	-0.853903356	-0.094114295	0.239688599	0.736178394	5.52E-07	6.86E-05
YGL02.4288.C1	7.180399167	-1.060953189	-0.116821894	-0.725429337	-0.149680645	-0.082344802	0.641190956	2.64E-05	0.000840715
YGL02.140.C5	6.45248922	-1.061142195	0.137116001	-0.041865144	-0.05688245	0.286902547	0.478075228	0.001023338	0.010882818
YGL02_GNYA1SO04H746S	6.295965801	-1.061594241	-0.241194278	-1.176291157	-0.034997817	0.303166885	1.324724349	4.51E-05	0.001218591
YGL02_GNYA1SO04IZR68	3.940765582	-1.061600792	-0.449910976	-1.078155544	0.103215728	0.322639777	1.007404464	0.007319553	0.044576098
YGL02_GNYA1SO04I7O0Z	4.08556042	-1.061821911	0.561309535	-0.210876432	0.618677459	-0.729082521	0.532583989	0.004056919	0.029104321
YGL02_GNYA1SO04IBMUV	7.687282416	-1.06219367	-0.151470053	-0.670288218	0.083184813	-0.012868977	0.082223849	4.97E-05	0.001298119
YGL02.4.C48	6.707983815	-1.062243311	-0.154988503	-0.50907286	0.925343637	0.070507783	0.054966956	0.000798423	0.009140207
YGL02_GNYA1SO04IIRJQ	3.928692186	-1.062473493	0.353052383	-1.273157671	0.22758782	-0.485239153	1.279170072	0.001249913	0.012543562
YGL02_GNYA1SO04JOX2B	5.456874172	-1.062970654	0.544232795	0.110804122	-0.007224963	0.027768308	0.535942139	0.000992464	0.010652464
YGL02_GNYA1SO04H2044	5.775202179	-1.063085841	0.316589907	0.486010476	0.187622309	-0.242932301	-0.264839649	0.002777058	0.022205802
YGL02.7465.C1	3.876257063	-1.0631832	-0.818110291	-1.021256234	0.161692757	0.926275337	1.010714075	0.000469766	0.006250249
YGL02.6292.C1	8.467552778	-1.063435244	-0.207336659	-0.601349811	0.033210715	0.368313052	0.479938997	7.62E-05	0.001751159
YGL02.22618.C1	3.990355227	-1.063607497	0.052622821	-1.136434902	0.358071503	0.117947303	1.355983879	0.00696028	0.042912827
YGL02_GNYA1SO04JKQ83	6.051072123	-1.063928327	-0.190816347	-0.489960992	1.767075371	0.143250544	0.144313325	0.006906701	0.042677991
YGL02.17110.C1	5.261817698	-1.064102837	-0.030992114	-0.324534231	1.103241839	-0.196071666	0.12559791	0.000461957	0.006176557
YGL02.18378.C1	7.879215113	-1.06413639	-0.302146335	-0.693442737	-0.187030343	0.24294592	0.891214903	8.30E-05	0.001862574
YGL02.13012.C1	9.248794857	-1.064509242	-0.169059335	-0.392158223	-0.035249045	0.320768484	0.874646595	2.15E-07	3.84E-05
YGL02.5532.C4	8.722557459	-1.064560573	-0.034085076	-0.342676565	0.611842476	0.150516455	0.151905991	0.000324303	0.004835525
YGL02.10791.C1	8.45986097	-1.065288644	-0.529594053	-0.18377418	-0.070026027	-0.096830427	0.194855275	1.61E-05	0.000596125
YGL02.13702.C1	6.063941915	-1.065562969	0.001977427	0.195738555	-0.132388554	0.160766744	-0.099054297	0.007661911	0.046071726
YGL02.22049.C1	5.991812524	-1.065595222	0.159083935	0.626442719	-0.014164412	0.359201912	0.341162871	0.000220417	0.003677336
YGL02.19101.C1	5.957362339	-1.065815222	-1.034067039	-0.612639552	-0.423684514	1.240067205	0.936963999	0.000566065	0.007138389
YGL02.4380.C2	6.763005025	-1.065828514	-0.26906564	-0.910938123	-0.3394961	0.386198104	0.728246409	0.000199312	0.003423144
YGL02_GNYA1SO04H5LFC	7.302542243	-1.066262982	-0.094187863	-0.431403138	0.7816644	0.118295267	0.307170686	0.001588763	0.01490198
YGL02_GNYA1SO04JHPH3	4.924533358	-1.066427945	0.765288869	0.086351527	0.016360345	0.226472211	0.441236632	0.006866167	0.04250815
YGL02.17208.C1	4.382105926	-1.067017683	0.145965501	0.012160311	0.835003319	-0.240437122	0.455568527	0.003101343	0.024010619
YGL02_GNYA1SO04II73J	10.07310141	-1.067288463	0.118404374	-0.302565784	0.91865201	0.152453929	0.378528115	0.001472456	0.014112937
YGL02.2802.C1	9.644530862	-1.067604161	-0.441172668	-0.905620447	0.007118809	-0.240043227	0.354577006	8.95E-07	9.40E-05
YGL02.12123.C1	9.279745261	-1.068104033	0.027701271	-0.291054175	-0.117160962	0.130878962	0.780093209	1.15E-06	0.000110907
YGL02_GNYA1SO04JXTCW	8.161265311	-1.06826931	-0.787407599	-0.687032419	-0.442682611	0.273544613	0.444754839	6.57E-05	0.001571663
YGL02_GNYA1SO04JU5VF	8.902036527	-1.068795745	-0.139114069	-0.370393369	-0.029348313	0.381607266	0.982327066	3.21E-05	0.000963905
YGL02_GNYA1SO04IDP9N	7.078760678	-1.069155596	-0.247725631	0.320589809	-0.280172401	0.758711351	0.388177778	0.000149374	0.002801551
YGL02.21164.C1	7.124938424	-1.069595674	-0.08162171	-0.50462677	0.626847192	0.208054586	0.424078746	0.00020504	0.003484356
YGL02_GNYA1SO04IASL9	5.469692608	-1.069711932	0.270827546	0.068798602	0.689611494	0.210980093	0.869298683	0.000467136	0.006225489
YGL02.1172.C1	6.298960026	-1.069751434	-0.68181141	-0.378861701	0.065580272	0.361907656	1.07336508	0.000989572	0.010634105
YGL02_GNYA1SO04I9EAP	6.704661537	-1.070032743	0.00357973	-0.281338031	0.595952247	0.090084622	0.292857603	0.000780267	0.00899139
YGL02_GNYA1SO04JVVXP	5.034341526	-1.070176802	-0.581643828	-0.415771976	1.465441149	0.446115963	0.592581042	0.007223343	0.044156304
YGL02.14609.C1	4.404939847	-1.070399037	0.618986109	-0.433682018	1.076989555	0.514729738	1.047865026	0.005201791	0.034885061
YGL02_GNYA1SO04H02CJ	3.840012281	-1.070653599	-0.811537602	-1.069548609	0.172249572	0.85597627	1.028424772	0.004829539	0.03305051
YGL02_GNYA1SO04JTW6T	6.991816892	-1.07065425	-0.050484477	-0.117858905	0.223128773	0.335547089	0.296932272	0.000227166	0.003750794
YGL02_GNYA1SO04H7F3T	8.073620855	-1.07099708	-0.024843385	-0.335333966	0.648171204	0.058490731	0.139790094	9.07E-05	0.001983868
YGL02_GNYA1SO04IPWIH	9.543088263	-1.071337322	-0.099553602	-0.35533074	0.772483095	-0.043669093	-0.0308216	4.99E-05	0.001300833
YGL02_GNYA1SO04II23Y	6.970865055	-1.071831111	0.06284369	-0.177504487	-0.21073084	-0.180234118	0.22916362	0.001810535	0.016366075
YGL02.13184.C1	8.367780819	-1.071901421	0.119879016	-0.229810412	-0.407577846	0.05764334	0.00605008	7.18E-05	0.001679945
YGL02_GNYA1SO04JHG2N	8.450082917	-1.073047463	-1.201078871	-1.23224877	0.234793935	1.183733895	1.304151746	0.004161646	0.029642155
YGL02.2568.C1	4.066697055	-1.073300375	-0.455822483	-0.66185538	0.418120131	0.319199611	0.745071037	0.002576558	0.021017863
YGL02_GNYA1SO04IUY4Z	10.41027391	-1.073302856	0.009170314	-0.250982159	0.676936082	0.09324422	0.238259021	0.000282209	0.004385623
YGL02_GNYA1SO04I7923	6.623460338	-1.073413465	-0.14796813	-0.646700598	0.234728427	0.484529515	0.827638757	0.000495644	0.006481999
YGL02_GNYA1SO04IQR3S	6.82806085	-1.073443161	0.188010532	-0.492957115	0.775743992	-0.418327733	0.233144215	0.000578985	0.007252805
YGL02_GNYA1SO04JKTZE	7.294251543	-1.073648662	-0.223412279	-1.150977686	-0.193893511	0.127118639	0.967034431	6.79E-06	0.000338175
YGL02_GNYA1SO04JI4NG	5.937394514	-1.073828353	0.294876606	0.204937172	-0.011361432	0.410733974	0.624158701	0.000190182	0.003312009
YGL02.2166.C2	7.867468724	-1.073845913	-0.415219755	-0.46238902	-0.098990476	0.517948907	0.835646765	5.37E-07	6.75E-05
YGL02_GNYA1SO04IVKI5	5.766018851	-1.073878983	-0.07918271	-0.162494919	0.367055899	-0.054756217	0.532490676	2.03E-05	0.000701168
YGL02.3439.C3	3.864191124	-1.074358806	-0.582453064	-0.943950461	0.098148322	0.579974597	1.032962041	0.002867922	0.022707709
YGL02.12111.C1	7.529584184	-1.074489726	-0.144819053	-1.054924701	-0.175774609	-0.309982869	-0.081354396	0.000292482	0.00449725
YGL02.14925.C1	7.595306912	-1.074775795	0.165855789	-0.295424312	0.36700147	0.388427651	0.299481738	0.001187949	0.012111222
YGL02.11652.C1	4.696366682	-1.074914763	0.807125196	0.559666428	0.191760086	-0.151788202	-0.023532182	0.005645557	0.03703583
YGL02_GNYA1SO04ITEIH	8.322501574	-1.074916931	0.145178877	-0.522942178	0.231772419	0.180397733	0.357900321	0.000229769	0.003781727
YGL02_GNYA1SO04JHGAK	8.386382209	-1.075427783	-0.068238871	-0.285658701	-0.231853166	0.189768998	0.773015039	2.91E-06	0.000196072
YGL02.11011.C1	7.933940954	-1.075469524	-0.087366577	-0.585069039	0.245375546	0.04715484	0.368005924	0.000266906	0.004209953
YGL02.327.C2	12.38882009	-1.075699074	-0.042402545	-0.698284534	-0.307823105	0.226894839	1.048361343	6.85E-07	7.92E-05
YGL02_GNYA1SO04H3AN3	8.502022676	-1.076160122	-0.001294482	-0.087653687	0.070197176	0.143128779	0.433484874	1.62E-05	0.000598031
YGL02.3140.C2	7.995700646	-1.076761149	-0.80897259	-0.805594267	0.149513397	0.828373416	0.989782918	0.000758981	0.008822048
YGL02.14527.C1	5.311982907	-1.077409817	-0.134085541	-0.152861691	-0.297803575	0.704033709	0.745802937	0.008215785	0.048408501
YGL02.3810.C1	6.396850046	-1.077533746	-0.259321053	-1.057044056	0.955336563	0.029851474	0.202489527	0.005269637	0.035219629
YGL02_GNYA1SO04JQQED	7.169673604	-1.077689905	-0.395285782	-0.752838155	-0.502499691	0.378447586	0.987859495	0.000699217	0.008308595
YGL02_GNYA1SO04I8MO8	10.00527337	-1.077814845	-0.069181177	-0.64375572	-0.030727631	-0.30322636	-0.030428956	4.41E-05	0.001199618
YGL02_GNYA1SO04I7378	6.613434835	-1.077872912	-0.156159296	-0.919886747	-0.664637097	-0.244906825	1.008123253	0.00065056	0.007890664
YGL02.9209.C1	5.885419071	-1.07811569	-0.6483816	-1.500027745	0.770132122	0.507319476	0.816101065	0.002032653	0.017749063
YGL02.6437.C1	4.388325492	-1.078116756	-1.619623797	-1.401272373	0.121739841	1.06945515	0.884540967	5.73E-05	0.001430625
YGL02.8590.C1	8.652402348	-1.078416201	0.212339198	-0.094882139	0.302389479	0.353863087	0.61290253	1.04E-05	0.000444201
YGL02_GNYA1SO04IF5LB	6.670090829	-1.078843055	-0.05790555	-0.638189717	0.315358029	0.0135018	0.59510925	9.63E-06	0.000423651
YGL02_GNYA1SO04ID184	6.499088946	-1.078907451	-0.22126768	-0.842165797	-0.059431956	0.325477235	1.189385091	0.000410456	0.005694569
YGL02.8869.C1	6.503693905	-1.078918142	-0.36583756	-0.189559138	0.008587736	0.843518546	1.0234731	0.001653823	0.015322782
YGL02.1234.C1	9.869859385	-1.079231292	-0.170315973	-0.750183015	0.089113574	0.137899725	0.599669866	5.93E-08	2.01E-05

YGL02.1427.C2	4.147816266	-1.079906501	0.016646529	0.184710856	0.35216037	0.683983874	0.114963899	0.005000716	0.03390126
YGL02.20389.C1	5.06679422	-1.080340698	0.547845019	0.362597931	0.005871585	0.067079267	0.631484792	0.001945829	0.017221196
YGL02_GNYA1SO04JYJQD	6.941638396	-1.08046311	-0.67850749	-0.787397961	-0.370661478	0.932902056	0.652106375	0.000363926	0.005234195
YGL02.4125.C2	10.96952231	-1.080490235	0.210897792	-0.256342648	-0.155041039	0.14750138	0.782051403	1.47E-06	0.000128583
YGL02_GNYA1SO04JW260	7.611605962	-1.080831686	-0.021155036	-0.827786388	0.003576319	-0.295509962	0.500174075	0.001181858	0.012063748
YGL02_GNYA1SO04I6CZ1	7.854525959	-1.081683604	-0.228794221	-0.977197931	0.645948217	0.143008492	0.782153884	0.001655957	0.015338469
YGL02_GNYA1SO04IRSA3	7.950370246	-1.081855307	-0.001331346	-0.223948993	0.573487669	0.205657271	0.055001651	0.000191345	0.003324937
YGL02.13208.C1	8.588382905	-1.081879747	-0.430808428	-0.920822519	-0.076463716	0.205348212	1.019366402	2.05E-07	3.71E-05
YGL02_GNYA1SO04IJVOU	7.490285197	-1.082454712	-0.17451958	-0.380395739	0.399153684	-0.000745977	0.13202049	0.001683033	0.015530075
YGL02_GNYA1SO04INH5N	6.244102993	-1.082916063	0.188709223	-0.423303854	-0.731336052	0.517191223	0.63288908	0.00162668	0.015160234
YGL02.9748.C1	8.00463579	-1.083188292	0.415590401	0.438215068	-0.320691924	-0.044057843	0.350917707	6.63E-05	0.001583088
YGL02.17875.C1	6.029547153	-1.083254563	0.09789019	0.014908755	1.426560618	0.201143807	0.188208797	0.0025539	0.02088624
YGL02.15225.C1	5.007899355	-1.083304026	-0.24258438	-0.635494414	0.077996361	0.58306294	0.519391041	0.002920413	0.02299569
YGL02.8387.C1	4.20526996	-1.083533328	-1.148301004	-0.831764379	0.020433295	0.867655659	0.639805519	0.005635718	0.036976906
YGL02.6158.C1	8.348840203	-1.083589474	-0.286254678	-0.977759636	-0.167074226	-0.24488188	0.463328303	0.001293923	0.012854637
YGL02.9541.C1	5.488291214	-1.083854801	-0.390571682	-0.049931879	-0.437281605	0.64718376	0.627032977	0.000835953	0.009446256
YGL02_GNYA1SO04IHDNQ	10.7058396	-1.083959612	-0.218112119	-0.456684268	0.884754927	0.213674494	0.148358178	0.000123593	0.002459277
YGL02_GNYA1SO04H4IL9	7.757831098	-1.083962428	-0.287388142	-0.604793849	0.483749851	0.19561462	0.588000461	0.000431954	0.00588811
YGL02.873.C1	5.644018937	-1.08402569	0.195496792	-0.355724479	0.071964881	-0.566204087	0.858338706	0.003389639	0.025559035
YGL02.479.C50	7.392104197	-1.084138162	0.015801511	-0.158725999	0.369294363	0.258637645	0.455491351	0.001769291	0.016098882
YGL02.744.C1	13.30553537	-1.084231954	-0.0454314	-0.980194217	-0.053162785	-0.024009209	0.693464798	5.11E-07	6.52E-05
YGL02_GNYA1SO04JVAJE	7.790092923	-1.084569945	-0.154319532	-0.776974163	0.165266013	0.045589363	0.486225514	4.04E-07	5.66E-05
YGL02.5230.C1	7.027323203	-1.084806124	0.069525869	-0.267609543	-0.265827122	-0.181927496	0.575168069	0.000571375	0.007186467
YGL02_GNYA1SO04IRL8O	8.51659527	-1.08512172	-0.120014505	-0.986136465	-0.34063378	-0.073654832	0.078483148	0.000174647	0.003121219
YGL02_GNYA1SO04I28I5	9.177926658	-1.08536622	0.060420793	0.072030626	-0.28934406	0.220397527	0.704711889	1.22E-06	0.000115085
YGL02_GNYA1SO04I1IC8	6.616035987	-1.085856589	0.399255813	-0.403776117	0.308566228	0.056259987	0.475247799	3.40E-06	0.00021676
YGL02.16219.C1	8.219168344	-1.085899471	0.446582509	0.10312802	-0.464368832	0.096004662	0.381731691	8.06E-06	0.000378043
YGL02.11955.C1	5.932216151	-1.086117615	-0.095763783	-0.97029482	0.099070815	0.580194868	1.099075488	2.30E-05	0.00076388
YGL02.8640.C1	6.21204399	-1.086392965	-2.03868352	-1.528918303	0.071349987	1.041083133	0.559547123	0.007301794	0.044490959
YGL02.7978.C1	7.233164836	-1.086501601	-0.583545176	-1.477070869	-0.080905011	0.061606963	1.370649676	0.000215441	0.003615289
YGL02_GNYA1SO04I9FC3	6.364572392	-1.086630077	0.241195269	-0.406857556	0.414862066	0.105841419	0.443597137	0.000614199	0.007560513
YGL02_GNYA1SO04JINJB	6.889711265	-1.086844121	-0.255977175	-0.413343931	-0.205797524	0.378414701	0.455963404	0.000439904	0.005963215
YGL02.2225.C4	5.36858577	-1.086967908	-0.427093576	-0.251399931	-0.064541881	0.784586239	0.486991107	0.006650173	0.041579387
YGL02.4625.C1	6.719183292	-1.087665856	-1.685758448	-1.583633544	0.167973933	1.482894116	1.466168659	0.008395242	0.049139644
YGL02.140.C4	8.246952409	-1.087962264	0.195627653	-0.552065088	-0.155394354	0.035782178	0.747470669	6.68E-05	0.001591549
YGL02.6662.C1	5.714457899	-1.088034851	-0.076191461	-1.009722164	-0.035349752	0.718612464	1.755486534	0.001919019	0.017052688
YGL02.20369.C1	9.887235528	-1.088653866	-0.568014515	-0.922021601	-0.246426772	0.104219593	0.661074875	2.76E-07	4.46E-05
YGL02_GNYA1SO04JJF21	9.251210205	-1.088790306	0.03548103	-0.056474807	0.58074707	0.150714897	0.378895944	5.42E-06	0.000292843
YGL02_GNYA1SO04ISFSF	5.82695733	-1.088884899	0.13632979	-0.595594043	-0.056182239	-0.523655626	0.816659594	0.00339067	0.025559365
YGL02_GNYA1SO04H75ZF	7.388254516	-1.08894222	-0.056278207	-0.337098562	-0.459534794	0.090562723	0.472308695	0.000272313	0.004270279
YGL02_GNYA1SO04IKK2F	5.029039585	-1.089488936	0.057087539	0.001190308	0.639111153	0.439316871	1.020684641	0.000159497	0.002925974
YGL02.20960.C1	8.503372935	-1.089581086	-0.121183607	-0.479347085	0.666459664	0.127132816	0.213109783	0.000491017	0.006441767
YGL02.3465.C1	6.48546192	-1.089787725	-0.289715457	-0.670610367	0.228047465	0.092181067	0.589438329	7.21E-05	0.001683589
YGL02_GNYA1SO04IKXAE	8.195091994	-1.09016538	-0.93643046	-1.08063909	0.112991312	0.239672066	0.61834983	0.000159627	0.002927535
YGL02_GNYA1SO04JHSQV	8.432478823	-1.090178985	-0.255921373	-0.255902292	-0.178703793	0.281339946	0.556697112	1.86E-06	0.000149191
YGL02.10561.C1	6.135180664	-1.090333014	-0.38785778	-0.713421571	-0.261555858	0.342906324	0.739220224	0.000164188	0.002983296
YGL02.4929.C1	8.523935793	-1.09046766	-1.53050561	-1.39283648	-0.237877384	0.519560495	1.017309722	1.65E-05	0.000604987
YGL02_GNYA1SO04I6PHH	5.954580563	-1.090803292	-0.314432924	-0.434276379	0.116166833	0.338079299	1.550629473	0.002825179	0.022483682
YGL02.18671.C1	5.258449532	-1.091081623	0.296722866	0.424620892	-0.089847124	0.397985798	0.174238388	0.001495956	0.014272672
YGL02_GNYA1SO04JXS7B	10.74573205	-1.091281584	-0.015924332	-0.630971067	-0.076548585	0.23631109	0.734567159	1.56E-05	0.000584828
YGL02.18156.C1	11.58047643	-1.091283164	-0.068204419	-0.214706192	0.40816105	0.247553372	0.20886617	1.15E-06	0.000111148
YGL02.17401.C1	7.493665121	-1.092484792	-0.045000861	-0.451068351	0.576501808	0.024019767	0.32466403	0.000307772	0.004663686
YGL02.17512.C1	6.226003111	-1.09261327	-0.897395941	-1.18921432	0.190552731	0.760367317	1.374150219	0.002694557	0.02172046
YGL02_GNYA1SO04JLN08	3.895165812	-1.092618552	-1.163643547	-0.906071218	0.203326312	1.273637304	0.850759257	0.003436316	0.025805809
YGL02.15997.C2	6.105842276	-1.092657876	-0.823815273	-0.758382859	0.190039651	0.700782236	0.838929629	0.00018874	0.003294326
YGL02_GNYA1SO04JY1JM	8.148721909	-1.09309818	-0.067612265	0.199249069	0.063976874	0.16385273	0.772622933	6.64E-05	0.001584142
YGL02.7170.C2	9.173315491	-1.093625972	-0.137748203	-0.8997234	-0.040930239	0.249493058	0.833414738	4.46E-06	0.00025807
YGL02_GNYA1SO04JND1E	6.390946229	-1.093922139	-0.540641387	-0.965694912	0.1313082	0.409033605	0.839310227	0.006571967	0.041226226
YGL02_GNYA1SO04H86AD	5.677707222	-1.093939953	0.04093009	-0.567234374	1.172574714	0.249474121	0.404507426	0.007078275	0.043495359
YGL02.21846.C1	7.291833496	-1.094033417	-1.323606063	0.221346543	-0.956356976	0.107265561	0.479001442	0.002634306	0.021355759
YGL02_GNYA1SO04IBMJ5	10.29084556	-1.09420555	0.016462796	0.431049163	0.491627764	-0.088892676	0.142308057	0.003487318	0.026078421
YGL02_GNYA1SO04JTGE7	9.797783363	-1.094339705	-0.074583301	-0.680374035	-0.218900067	0.097023651	0.863505865	5.25E-05	0.001344103
YGL02.6993.C1	5.832076392	-1.094581788	-3.164488802	-0.469517987	0.706098396	1.528287545	1.38579104	0.002021877	0.017694713
YGL02_GNYA1SO04I4JPY	8.40148898	-1.094662332	-0.428952014	-1.056720956	-0.49677091	0.507215438	0.528204401	0.00148671	0.014205394
YGL02.14154.C1	8.569747256	-1.094706586	-0.213684558	-0.305609417	-0.126655368	0.324736323	0.761601079	1.13E-05	0.000469535
YGL02_GNYA1SO04IQPDL	6.139921542	-1.095341937	0.110977342	-0.427967493	0.288270585	-0.132878315	0.307071867	0.00651655	0.040974946
YGL02.8313.C1	7.159330321	-1.095518503	0.00028031	-0.336870704	1.068557444	0.188009104	0.029742126	0.000118147	0.00237684
YGL02_GNYA1SO04IB1BW	14.48366966	-1.095641532	-0.454771203	-1.322490967	0.014945636	0.109002904	0.726485768	1.48E-06	0.000129324
YGL02.5690.C6	6.181660606	-1.095763609	0.030800982	-0.323634718	0.007439131	0.134288758	0.108987868	1.16E-05	0.000477889
YGL02.12201.C1	7.009657525	-1.095787526	-0.591696257	-0.015357556	-0.218872098	0.296623511	0.732658186	0.000161156	0.002946821
YGL02.9039.C1	8.055535299	-1.09580236	-0.042720402	-0.302343918	0.429451541	0.090357936	0.028671423	0.00292812	0.023036763
YGL02.493.C1	5.447314758	-1.095971124	-0.101940687	-0.47923162	0.267869297	0.470547304	0.611332215	0.004046544	0.029045987
YGL02_GNYA1SO04JINLT	6.628093246	-1.096516634	0.000210239	0.281477146	0.16910284	-0.135432268	-0.238475555	0.000291257	0.004481073
YGL02_GNYA1SO04INSXL	8.394981892	-1.096653747	-0.046960575	-0.439610694	0.125778328	0.067974876	0.185929436	0.000339718	0.00499257
YGL02_GNYA1SO04IFUNH	6.747567458	-1.096827986	-0.059742166	-0.363619938	1.030798226	-0.023189562	0.028610929	0.001636342	0.015218525
YGL02_GNYA1SO04JVXMD	8.994214798	-1.097086764	-0.296340696	-0.651306295	0.203633567	0.31653869	0.614082606	3.78E-06	0.00023221
YGL02_GNYA1SO04IH82E	7.070742385	-1.097900136	0.149220806	-0.784264694	0.274721482	0.070561091	0.727772252	0.000482664	0.006368857
YGL02_GNYA1SO04JSG9T	6.938296768	-1.098734915	0.032791169	-0.390928151	-0.195577957	0.342033476	-0.122648845	0.002619807	0.021264844
YGL02.7350.C1	8.108118365	-1.098801967	-0.13982394	-0.621766028	0.041084714	-0.136168003	0.369310602	6.57E-06	0.000330945
YGL02.22142.C1	5.542062151	-1.098812487	-0.109117436	-0.153182693	0.405916144	0.625832505	1.059794238	0.002446066	0.020253214
YGL02_GNYA1SO04IH4DZ	11.79339622	-1.098816204	0.189212191	-0.311217076	-0.505305335	0.197091004	1.034836326	0.00040728	0.005662642
YGL02_GNYA1SO04JCGAM	3.92225357	-1.099104314	-0.747876068	-0.984823179	0.245259872	0.984473431	1.024675019	0.000780628	0.008993734
YGL02.9369.C1	6.732245078	-1.099480598	-0.122956644	-0.902138505	0.182417144	0.529629082	0.672748593	0.001167131	0.01195451
YGL02.2090.C1	7.158640792	-1.100097602	0.673196598	-0.097533275	-0.118362107	0.794500272	0.955942624	4.85E-05	0.001278154
YGL02.1670.C2	8.834705659	-1.100446413	-0.187069221	-0.729030257	0.156927012	0.374354632	0.897537695	0.00013394	0.002598497
YGL02.329.C48	5.834342775	-1.100688544	-0.34718676	-0.884484649	0.076713443	0.856556408	0.523762857	0.002202097	0.018788161
YGL02.1518.C1	9.694264638	-1.100862235	-0.401954943	-0.764112278	0.181358469	0.645351075	0.966666488	2.04E-06	0.000157617
YGL02.835.C6	9.823356089	-1.100869616	-0.153699719	-0.29492253	0.927035423	-0.046456522	0.146337459	4.76E-05	0.001261577
YGL02_GNYA1SO04IM8M3	7.910045923	-1.101144216	-0.139400916	-0.353113434	0.462202115	0.326333255	0.799805953	7.69E-08	2.22E-05
YGL02_GNYA1SO04IJ3CE	9.959676277	-1.101186134	0.171227658	-0.28644355	-0.150792056	0.068145784	0.837024928	1.09E-07	2.65E-05

YGL02.3384.C1	6.091422112	-1.101448439	-1.366435745	-1.003363089	0.243604885	0.797632664	0.680918789	0.00302658	0.023586419
YGL02_GNYA1SO04H2HF0	6.74758583	-1.101592563	0.594302505	-0.566307164	-0.875085262	-0.39860719	0.792958557	0.005632663	0.036960608
YGL02.18018.C1	5.101595724	-1.102164336	0.470656964	-0.386967761	0.517957644	0.682051691	0.640822399	4.70E-05	0.001250325
YGL02_GNYA1SO04ICF9X	6.653750863	-1.10257858	-0.364770537	-1.178155051	0.417647589	0.316615412	1.313002268	0.0012166	0.012314135
YGL02_GNYA1SO04IBKE2	9.711481126	-1.103181112	-0.735222662	0.248811325	1.568215609	0.409709884	0.345211348	4.13E-05	0.001145857
YGL02_GNYA1SO04IE1F2	8.515683446	-1.103498439	-0.206907008	-0.356571989	0.975450992	-0.026219499	0.182874269	0.000133666	0.002595112
YGL02_GNYA1SO04IK33L	4.900877888	-1.10380128	0.175585272	-0.361674039	0.07038689	0.693801717	0.150055495	0.00642746	0.040584232
YGL02.7016.C1	7.465985116	-1.10395313	-0.70819121	-0.596119928	0.341020442	0.634583295	1.050083269	2.05E-05	0.000706913
YGL02.1925.C1	8.908617997	-1.104268483	-0.475872566	-0.543512588	-0.205714518	0.405112773	0.677871985	4.15E-07	5.74E-05
YGL02.1193.C2	8.378266675	-1.104961707	-0.153022818	-0.675099542	0.11983254	0.18389143	0.699854061	3.13E-08	1.43E-05
YGL02_GNYA1SO04IW9U5	7.274624282	-1.104970567	-0.816864337	-0.639875661	-0.561135397	0.582681129	0.559043881	3.76E-05	0.001077543
YGL02_GNYA1SO04JB7F2	8.453303332	-1.10518814	0.060123082	-0.533341335	-0.22711795	0.034430747	0.830631023	3.73E-07	5.36E-05
YGL02.13840.C1	8.163567356	-1.105393117	-0.29647976	-0.377920341	0.094821706	0.294196948	0.634780213	2.59E-06	0.000182658
YGL02.565.C3	4.387235659	-1.105396554	-0.423584695	-1.241722158	-0.40777451	0.539477601	1.490322863	0.001694804	0.015614219
YGL02.3469.C1	7.963569762	-1.105888735	-0.10153788	-0.547084445	0.165569857	0.428514502	0.747532036	2.14E-05	0.000726704
YGL02.9205.C1	5.813159984	-1.106567263	-0.543469354	-0.112465164	-0.087170455	0.16405166	0.998199262	0.000222263	0.003696709
YGL02.21901.C1	5.679897391	-1.106620297	0.044698609	-0.660746841	1.244052061	0.300636598	0.534203509	0.001394096	0.013553478
YGL02.6846.C1	10.48966735	-1.106672847	-0.19093962	-0.672564774	0.13573384	0.204438836	0.846326125	0.000512689	0.006639259
YGL02_GNYA1SO04ICYW6	6.66367833	-1.106697992	0.394665282	-0.136573308	0.573118694	0.27833375	0.113650112	0.000587905	0.007328885
YGL02_GNYA1SO04JZ3G4	6.587600041	-1.107007982	-0.07280843	-0.63794658	0.004150416	-0.098830328	0.708335361	0.001108084	0.011517329
YGL02.13153.C3	3.799085195	-1.107582294	0.216917288	1.617144236	0.668054504	0.374171407	0.570301731	0.002867174	0.022705795
YGL02_GNYA1SO04JYH91	9.736599418	-1.107645955	-0.832233453	0.211413887	1.585044129	0.36520495	0.209236364	7.03E-05	0.00165333
YGL02_GNYA1SO04JCFBQ	13.73311246	-1.107792197	-0.17232546	-1.236659663	-0.010111546	0.055666992	0.757466372	2.82E-06	0.0001928
YGL02.10089.C3	5.141741799	-1.107996489	0.152713637	-0.506035566	1.047090373	-0.109512152	0.171802643	0.001174414	0.012009166
YGL02_GNYA1SO04JZBWY	7.999785536	-1.108116604	-0.025444147	-0.136228066	0.45518417	0.324386496	0.291262075	7.87E-05	0.001793575
YGL02_GNYA1SO04JQ8WH	8.174080984	-1.108123072	-0.077661592	-0.616258008	0.1917317	0.351494919	0.991942231	9.70E-06	0.000425484
YGL02_GNYA1SO04I6VXR	7.673615366	-1.10882486	-0.956067138	-0.917971009	-0.621396369	1.186034964	0.553328672	0.000419375	0.005777069
YGL02_GNYA1SO04JTFS4	6.999477125	-1.109012091	-0.550766917	-0.573877755	-0.492808094	1.142897819	0.863779423	6.49E-05	0.001558024
YGL02_GNYA1SO04JAQI5	9.125203325	-1.109357046	-0.095261508	-0.29781834	0.79950721	0.197115818	0.095760109	0.000977236	0.010543191
YGL02_GNYA1SO04IPGDF	6.140456941	-1.109730799	0.195602456	-0.314224182	-0.200341157	0.603709443	0.613161311	0.0008647	0.009672875
YGL02.7199.C1	5.605587282	-1.110170809	-0.173466686	-1.208394058	0.359505257	-0.14321878	1.025503515	1.71E-06	0.000141654
YGL02_GNYA1SO04IJIT9	7.17831767	-1.110212634	-0.35978444	-0.793330489	0.556949296	0.635315832	0.588585823	0.000173389	0.003105178
YGL02_GNYA1SO04IWD8H	6.03477537	-1.110492945	-0.364422795	-1.262762324	-0.372253312	0.050751811	1.799323002	0.001761587	0.016049541
YGL02.8235.C2	10.88238136	-1.110703492	0.592444594	0.043225155	0.086450311	0.13571762	0.768920886	5.16E-06	0.000283363
YGL02.5208.C1	9.092631997	-1.110810292	0.033090814	-0.17327722	-0.002661067	0.25384766	0.571316476	1.76E-06	0.000144501
YGL02_GNYA1SO04JG2JV	6.614408298	-1.111011761	-0.464300236	0.102919304	0.40120909	0.46351479	0.414784951	0.000833227	0.009425316
YGL02.12172.C1	5.95261144	-1.111031353	-0.887435227	-0.54606202	0.009679726	0.665958752	0.55422218	0.004225963	0.029971682
YGL02_GNYA1SO04IATLB	7.488051254	-1.11109963	-0.087910238	-0.937238888	-0.041825919	0.048061928	0.826319763	2.24E-05	0.000750829
YGL02_GNYA1SO04IGTW0	7.859998186	-1.11138922	-0.158309307	-0.265982597	0.083209604	0.429962709	0.531786425	0.004109782	0.029374531
YGL02_GNYA1SO04IDDNR	7.429858406	-1.111872884	-0.106365578	-0.417239875	1.296280307	0.311000411	0.552190743	9.94E-05	0.002115055
YGL02_GNYA1SO04IP3V6	10.63194979	-1.11190503	-0.062747697	-0.408744726	0.980081052	0.074242136	0.185633492	0.000348501	0.005084505
YGL02.17697.C1	8.542831788	-1.112146419	-0.055465201	-0.375126965	0.858655396	-0.016654934	0.05220938	7.63E-06	0.000364835
YGL02_GNYA1SO04IXN3T	8.746962432	-1.112263271	-0.079481981	-0.334848019	0.041110869	0.296174382	0.486801933	1.02E-05	0.000438014
YGL02_GNYA1SO04JPZAL	6.157777951	-1.112358151	-0.207783554	-0.729660963	0.541871777	0.35657292	0.169200095	0.004534097	0.031526832
YGL02_GNYA1SO04JSPW7	7.937031511	-1.112365359	-0.079744294	-0.450979675	0.938235351	0.045117784	0.029394857	0.000140859	0.002688419
YGL02_GNYA1SO04I9YRL	9.073905962	-1.112712709	0.068420909	-0.402884321	-0.133087883	0.148862578	0.83364557	3.65E-06	0.00022719
YGL02_GNYA1SO04JCW83	10.84982397	-1.112925028	-0.073205906	-0.584723387	-0.2753151	0.328893004	0.766349062	5.95E-08	2.01E-05
YGL02.2133.C2	7.06421859	-1.112927367	-0.351257914	-0.027458986	-0.064455369	0.450927203	0.631828093	5.67E-05	0.001420455
YGL02.15245.C1	5.264509031	-1.112981976	-0.169563264	-0.439719185	1.283693091	0.372552956	0.030783079	0.00709265	0.043554756
YGL02.4671.C1	6.16885339	-1.113220363	0.240468907	1.497534223	-0.219095793	0.339247707	1.028630581	0.000486268	0.006402052
YGL02.18519.C1	6.851130342	-1.113238976	-0.04245273	-0.326987129	0.605834527	0.283116593	0.993634371	0.000102456	0.00215983
YGL02.21318.C1	7.141615078	-1.113258678	-0.186882307	-0.270407967	0.266523984	0.038668369	0.743992665	0.000320468	0.004790529
YGL02.2219.C1	10.40773645	-1.113302436	0.197896404	-0.262180995	-0.254958563	0.08134929	0.773424611	3.08E-07	4.81E-05
YGL02.7572.C1	8.467738112	-1.113352426	-0.401768701	-0.605799746	-0.072618017	0.430754154	0.573806552	6.05E-07	7.28E-05
YGL02.5599.C1	7.47225276	-1.113566627	0.372766995	0.322267894	-0.378767202	0.129803857	0.875203608	0.004346313	0.030579055
YGL02_GNYA1SO04I3STU	6.873484178	-1.113719184	0.1108749	-0.755992573	0.807963563	0.261943	0.878906207	0.004389796	0.03080632
YGL02.2818.C24	7.288499494	-1.114240407	-0.475490934	-0.647513153	0.171934097	0.304254374	0.660695439	6.47E-05	0.001554636
YGL02_GNYA1SO04JN7WG	11.3530314	-1.114256083	-0.018797089	-0.625278703	-0.072387662	0.347106577	0.944483898	2.13E-05	0.000723994
YGL02.15682.C1	7.017175675	-1.114392698	0.008327305	-0.356860015	1.097175729	0.01626825	0.136397226	0.000194025	0.003357715
YGL02_GNYA1SO04JV6UO	7.744933853	-1.114419144	-0.051759196	-0.033000125	1.128939277	0.288205329	0.302844773	0.000159324	0.002923643
YGL02.6900.C1	4.639250039	-1.114775896	0.521912104	-0.463188556	-0.351565886	0.522301822	0.663325674	0.001079398	0.011304461
YGL02.9427.C1	8.370669459	-1.11509095	-0.143560459	-0.312669937	0.526330461	0.023629003	0.074265051	2.03E-05	0.00070296
YGL02_GNYA1SO04I2L1S	7.295654894	-1.115100915	-0.055271357	-0.435113485	0.748187282	0.011046724	0.271342722	0.002330291	0.01956608
YGL02_GNYA1SO04JJCG5	9.436909521	-1.115430547	-0.130331955	-0.665888059	0.009218671	0.068960412	0.576946731	1.32E-05	0.000518075
YGL02.19196.C1	8.558875652	-1.115672855	-0.664849385	-1.426024463	-0.020197174	0.436868968	0.522208635	1.15E-06	0.000110907
YGL02_GNYA1SO04H7905	8.293621859	-1.116445691	-0.145543819	-0.469124437	0.874284266	0.218787078	0.206126072	4.86E-05	0.001279997
YGL02.7591.C1	9.271536002	-1.116449495	0.025333492	-1.381526561	-0.39660725	0.353003971	1.407725935	0.000100094	0.002126311
YGL02.9252.C1	5.739671047	-1.116550063	-1.080306097	0.46960728	0.241330753	-0.485569727	0.672798707	0.000242365	0.003927638
YGL02_GNYA1SO04IYBHI	9.456703468	-1.117011883	0.03611916	-0.447459716	0.475611784	0.045668467	0.248287699	0.001967744	0.01736294
YGL02_GNYA1SO04I8K27	7.149374885	-1.117258953	0.101197724	0.022928836	-0.223821064	0.48891612	0.90875417	1.36E-06	0.000121603
YGL02.9822.C1	4.286464554	-1.117474127	-0.876866845	-1.209723033	-0.123695137	0.707365396	1.188225155	0.000311357	0.004702458
YGL02.19693.C1	4.935243186	-1.11753609	-0.158773936	-0.222682053	0.548821302	0.273207123	0.132655785	0.000186534	0.003264739
YGL02_GNYA1SO04JAU9G	5.704032216	-1.117578438	-0.224158169	-0.891903883	-0.250555049	0.043532883	0.574848099	0.007519962	0.045469427
YGL02.1613.C2	7.996787802	-1.117821872	0.287342738	0.278525463	-0.235321777	0.018791359	0.293625679	5.86E-06	0.00030753
YGL02_GNYA1SO04INF39	4.113262664	-1.118287141	-1.182356747	-1.021707062	-0.253900165	1.143476951	1.073077079	0.001397472	0.013581207
YGL02.1580.C1	8.596790251	-1.118395474	-0.428184638	-0.451594073	0.425772901	0.15573718	0.164943879	0.000115164	0.002336445
YGL02.9131.C1	6.309186659	-1.118442393	0.131372352	-0.381965601	-0.155522419	0.666991857	1.333055697	2.33E-06	0.00017093
YGL02.337.C1	11.11555467	-1.11871881	-0.138145859	-0.825744198	0.048571777	0.131434814	0.875533223	1.06E-06	0.000104614
YGL02.12258.C1	6.408417518	-1.118918211	-0.091083073	-0.253057832	0.602145262	0.092921416	-0.149195975	0.000163866	0.002978286
YGL02_GNYA1SO04I943W	10.20857422	-1.119641797	-0.186065769	-0.526696761	-0.052112512	0.34921302	0.757552837	0.000159814	0.011895567
YGL02.10837.C1	6.826702481	-1.119756341	0.072155811	-0.349879759	0.83007597	0.149223333	0.644507913	0.000116952	0.00236117
YGL02.5751.C1	6.469670051	-1.119983338	0.074910728	0.084678791	-0.054677153	0.51850381	0.788359354	1.56E-06	0.000133983
YGL02_GNYA1SO04I0CPS	4.438379008	-1.120119511	-0.102330676	0.314763122	0.923834537	0.31869811	0.432264091	0.000319774	0.004784806
YGL02.7037.C1	4.249154798	-1.120417557	0.578675207	0.348229424	0.398892459	-0.36568525	0.163178921	0.007620066	0.045890427
YGL02.17318.C1	9.370144539	-1.120600618	0.072029575	-0.422113557	-0.136485471	0.237940047	0.78689867	7.95E-07	8.74E-05
YGL02.5555.C2	4.643590843	-1.120656399	0.021214103	-0.308402663	-0.002322953	-0.151905099	0.06215909	0.002613889	0.021238107
YGL02_GNYA1SO04H4AHS	6.616796798	-1.120928316	0.318559015	-0.052535182	-0.114203362	-0.250182066	0.198691367	0.00291458	0.022961452
YGL02.10586.C1	7.836604923	-1.121402251	-0.017180071	-0.116227155	0.051074502	0.166211952	0.762160521	8.19E-07	8.90E-05
YGL02.4057.C3	7.574435533	-1.121630193	0.246440019	-0.32852193	0.335011297	0.292730189	0.827770339	0.000466717	0.006220543
YGL02_GNYA1SO04I83Y8	8.029777906	-1.121809555	-0.189220176	-0.599786484	0.588896934	0.287971843	0.489059536	0.000674608	0.008096411

YGL02.479.C15	5.870820266	-1.122349475	-0.110671314	0.688050638	-0.063860284	0.905954523	0.841142946	0.00090253	0.009974882
YGL02_GNYA1SO04IV7Z3	6.259705346	-1.122477354	0.147807071	-0.415407345	-0.445059273	-0.642003199	0.093732883	0.000730679	0.008588666
YGL02_GNYA1SO04IX6KB	7.361967849	-1.122587612	-0.393474296	-0.461924525	0.118456419	0.067454505	0.33954539	5.02E-05	0.001305704
YGL02.2374.C1	6.98374441	-1.123658079	-0.23752084	-0.513153968	0.981671758	0.104692428	0.301525313	7.52E-05	0.00173357
YGL02.11087.C1	7.093469155	-1.124130838	0.185625627	-0.45392387	0.277948731	0.25274007	0.674297942	3.57E-05	0.001039318
YGL02_GNYA1SO04IL9Y3	6.535702979	-1.124326553	0.115530418	-0.185226898	0.691262284	0.176648353	0.24549297	0.000583712	0.007292052
YGL02.20042.C1	8.121712247	-1.12446832	0.117829957	-0.336983677	0.228756757	0.063298152	0.331295983	1.73E-05	0.000623733
YGL02_GNYA1SO04JOCA5	6.877247484	-1.124498912	-0.280010622	-0.131097331	-0.062283242	0.718466539	0.580748225	9.22E-05	0.002008168
YGL02.11730.C1	7.949216722	-1.125055512	-0.039598662	-0.856303415	0.081133617	0.340786556	1.010780309	2.22E-05	0.00074599
YGL02.12942.C3	4.647968103	-1.125241784	0.440990011	-1.462424909	-0.496780752	0.123542791	1.776848221	0.002953932	0.023162442
YGL02.18634.C2	6.210472566	-1.125407335	-0.339800995	-0.733977403	0.406861853	0.465087555	0.801947821	0.00093841	0.010253298
YGL02_GNYA1SO04JH7AR	6.833126584	-1.125614887	-0.109974506	-0.67517968	-0.023421868	0.453793541	0.530352683	0.001747138	0.015964614
YGL02_GNYA1SO04H428N	6.778085944	-1.125805132	-0.07722299	-0.568272865	-0.1732711	0.396351813	0.665840798	6.57E-05	0.001573105
YGL02_GNYA1SO04IE1Z4	6.879759154	-1.12581979	0.03524533	-0.427570267	0.139503842	-0.267578344	0.594854736	4.26E-05	0.001170672
YGL02_GNYA1SO04H6KPV	4.62548959	-1.12611207	-0.001837289	-0.54886594	0.49171775	-0.34326139	-0.223885978	0.004966183	0.033736023
YGL02_GNYA1SO04IZTOK	8.734853098	-1.126601487	-0.234850499	-0.156463889	0.269277659	0.411636127	0.684337102	4.05E-08	1.59E-05
YGL02_GNYA1SO04JGEOZ	4.072625985	-1.126778569	-0.715145224	-0.858971062	0.66101382	0.374796563	0.306387581	0.006500862	0.040898143
YGL02.1488.C3	6.275304085	-1.126825986	-0.153589777	-0.634748632	-0.680650906	0.363435754	1.172588313	0.002849637	0.022618516
YGL02.8192.C1	8.223170336	-1.127200126	-0.313373248	-0.599844659	-0.447967519	0.157317143	0.821852399	5.55E-05	0.001399347
YGL02.9297.C1	8.511028625	-1.127487505	-0.42193803	-0.269773886	0.033487906	0.499431287	0.583484354	4.31E-07	5.90E-05
YGL02_GNYA1SO04IR83F	6.328826079	-1.12767185	0.349416613	-0.063212667	-0.25441647	0.757186902	0.777887124	0.003795682	0.027715396
YGL02.1576.C1	7.682837248	-1.127907828	-0.006819586	-1.145934933	-0.071723465	0.316163305	0.848427074	0.000101053	0.002140367
YGL02_GNYA1SO04IJM6G	7.282690064	-1.12829676	-0.690758255	-0.603226397	0.014578159	0.368588635	1.17736435	0.000167954	0.003033419
YGL02_GNYA1SO04I69FX	6.947997217	-1.128395398	-0.051342441	-0.438419022	0.818359417	-0.056241777	0.259818536	0.000401349	0.005607881
YGL02_GNYA1SO04JCPGO	6.70041178	-1.128473752	-0.162938864	-0.456969759	-0.275920523	0.896105617	0.709151405	0.000334574	0.004938633
YGL02.3362.C1	8.527673914	-1.129068677	0.265508128	-0.351669927	0.242904247	0.117728652	0.712437359	5.01E-07	6.46E-05
YGL02_GNYA1SO04ILHM1	4.933609024	-1.129116164	-0.226568251	-1.356443378	0.864425046	0.510139879	0.077867664	0.000243479	0.003939767
YGL02.11763.C1	6.18322218	-1.129164322	-0.414351779	-1.092056366	-0.019288144	0.051129584	0.995329148	0.000495252	0.006479838
YGL02_GNYA1SO04IWXOI	5.607685097	-1.129537359	-0.122265	-0.526656346	-0.434171088	0.618212819	1.048029578	0.007045528	0.043333198
YGL02_GNYA1SO04IT1SV	8.666305798	-1.130887589	0.41879747	-0.226833533	0.101088186	-0.041371701	0.724348866	1.22E-06	0.000115085
YGL02.13473.C3	7.88824634	-1.131280198	-0.09190349	-0.418438593	0.60423794	-0.028225142	0.249939948	4.38E-05	0.001192235
YGL02.3010.C2	4.624004406	-1.13155432	-0.009956951	-0.591932337	1.056299488	-0.338090713	0.501865727	0.001787607	0.016221089
YGL02.1964.C12	6.973500718	-1.131577002	0.018333367	-0.450263467	0.776954566	0.112852565	0.333994618	0.002777564	0.022207147
YGL02.5474.C2	7.028908926	-1.131598188	-0.608166563	-0.523066246	-0.070762629	0.145711693	0.55484988	0.001617417	0.01509564
YGL02.22621.C1	8.151145962	-1.131923699	0.106311437	-0.425974423	0.152726466	0.280432796	0.750642725	4.08E-05	0.00113786
YGL02.21358.C1	4.149240972	-1.132024728	-0.657590978	-0.737366609	-0.248315717	0.769836613	0.965595049	0.006899048	0.04265309
YGL02_GNYA1SO04JPY5W	6.446463935	-1.132310221	-0.067057674	-0.426154299	0.719553031	0.027724428	0.186312858	4.31E-05	0.001179065
YGL02_GNYA1SO04JUYU2	9.287756931	-1.132326126	-0.227194986	-0.845164346	1.978452659	0.022530042	0.519144768	0.001605124	0.015007949
YGL02.4093.C2	8.71847735	-1.132515886	-0.079681781	-0.47231068	0.075593001	0.315013823	0.720164289	3.97E-06	0.000239719
YGL02.16067.C1	8.299323197	-1.132551692	-1.661168532	-1.3905521	-0.171608025	0.269227093	0.122192841	3.29E-05	0.000980226
YGL02_GNYA1SO04I8JAD	5.098564636	-1.132557453	-0.268026124	-0.159891849	0.575831142	0.140616135	-0.032236559	0.002213618	0.018849202
YGL02_GNYA1SO04JR5R8	6.406289536	-1.132616012	-0.575439588	-0.912789996	1.169444372	0.577648154	0.724152625	0.003022868	0.023565998
YGL02_GNYA1SO04ILEG7	6.201939951	-1.133053697	-0.433996146	-0.666657108	0.038040896	0.393116322	0.19857458	0.000517404	0.006686136
YGL02_GNYA1SO04JJREB	9.325602536	-1.133625644	-0.250984361	-0.736406141	-0.244904561	0.225719547	0.990249626	2.97E-06	0.000198675
YGL02_GNYA1SO04JJ7QS	6.942599651	-1.133729686	-0.446469687	-0.814834715	0.34884204	0.295536778	0.644483482	0.000498058	0.006501103
YGL02_GNYA1SO04IAHFV	8.373759402	-1.133918145	0.007891009	-0.468151327	0.78778267	0.164605557	0.09468406	3.66E-05	0.001057781
YGL02_GNYA1SO04IQMFQ	4.300341453	-1.134083483	0.059597095	0.137350667	0.187790198	0.006123255	1.209489236	0.001411079	0.013680587
YGL02.3324.C1	9.113041337	-1.134249425	0.028355173	-0.288641956	-0.459016323	0.103555664	0.548070289	2.98E-07	4.70E-05
YGL02_GNYA1SO04IDGHW	9.077552883	-1.134397224	-0.033598702	-0.43636714	0.715304789	0.251413025	0.308812515	0.000943463	0.010293996
YGL02_GNYA1SO04IHE0Y	7.839174925	-1.134556359	0.080762947	-0.450309879	1.27356324	0.108367383	0.222103029	0.006905246	0.042677991
YGL02.9354.C1	8.87417314	-1.134667833	-0.572622155	-1.464808548	-0.185517684	-0.125825605	0.581142882	1.51E-06	0.000130895
YGL02_GNYA1SO04JCM33	4.397339048	-1.134734266	-1.229855898	-1.35860263	0.113875819	0.84323519	1.071896701	0.005529456	0.036455174
YGL02.2678.C1	7.871155703	-1.135076368	0.097548921	-0.449166854	0.415568267	0.083630873	0.776585019	1.87E-05	0.000660016
YGL02_GNYA1SO04IQWCD	7.083375554	-1.136008766	0.239944558	0.039615518	-0.224495501	0.350174644	0.508210037	0.00038549	0.005450985
YGL02.10336.C1	8.863269208	-1.136046813	0.112176732	-0.784171892	-0.129082798	0.153601833	0.83587425	0.000540818	0.006911554
YGL02.329.C84	7.043803366	-1.136222296	-0.018413816	-0.448883557	0.902641295	-0.127002784	0.101094059	0.000233113	0.003820251
YGL02.20430.C1	6.478648878	-1.136667153	-0.20314486	-0.473858006	-0.073653865	0.53776401	0.785045023	0.000542371	0.006925934
YGL02_GNYA1SO04I7YJ9	9.217094912	-1.137084177	0.335920914	-0.207291765	-0.692806911	0.306143526	0.728502727	0.005122177	0.034481475
YGL02.3770.C2	10.04467416	-1.13718959	-0.671338526	-1.137801892	0.062429484	0.148205892	0.902590278	1.31E-08	9.30E-06
YGL02.10348.C1	6.492720034	-1.137299403	-0.541537724	-1.171961835	-0.120475404	0.515707346	1.649126342	0.001047043	0.011071265
YGL02.1251.C4	12.69055348	-1.137403497	-0.028373504	-0.532174005	-0.174003695	0.230278653	1.123297013	3.37E-05	0.000997548
YGL02_GNYA1SO04JI05K	9.6038898	-1.137865175	-0.114389978	-0.355125902	0.620850277	0.150043507	0.238551964	1.21E-05	0.000487265
YGL02_GNYA1SO04I6385	4.063179512	-1.138362991	-0.461713245	-0.960304047	0.121481411	1.7731176	2.409674498	0.007898936	0.047068605
YGL02.7551.C2	8.227221769	-1.13937375	-0.091669438	-0.356016698	0.839106715	0.000353148	0.158592653	1.50E-05	0.000567374
YGL02_GNYA1SO04H8ZPX	7.581169365	-1.139754869	-0.242310763	-0.457387678	-0.330064039	0.465323499	0.775399209	1.50E-06	0.000130213
YGL02_GNYA1SO04H4O5B	6.004849098	-1.140095579	-1.21869498	-0.522647412	0.151132778	0.883419419	0.281456997	4.86E-05	0.001279484
YGL02_GNYA1SO04IQNFH	8.885179313	-1.140382635	0.018706432	-0.360782527	0.152335776	0.324354259	0.760073476	1.57E-05	0.000586662
YGL02_GNYA1SO04I97GT	6.108306725	-1.140970084	0.122428433	-1.107452547	-0.051061737	0.587954297	1.967918313	0.006053001	0.038908488
YGL02.12456.C1	7.212078731	-1.14170247	0.704297079	-0.274786618	0.169759439	0.588283908	0.968128046	0.000483925	0.006381515
YGL02_GNYA1SO04JEJUX	4.078117895	-1.142062262	-0.653343091	-0.781719341	-0.080915436	0.854422187	0.913058559	0.000113522	0.002316561
YGL02_GNYA1SO04IOBC5	3.789918214	-1.142585194	1.077464153	0.019453839	0.55225129	-0.058625951	-0.246114068	0.003879787	0.028150154
YGL02.18277.C1	7.275460379	-1.142680748	0.320085462	-0.487406693	-0.104361719	-0.161706287	0.775407721	1.32E-06	0.000119972
YGL02_GNYA1SO04IMILK	5.393928272	-1.14277379	0.385254558	-0.183889455	0.995081063	-0.047887328	-0.366033032	0.000905862	0.01000172
YGL02.2271.C1	8.047449325	-1.142986646	0.136341053	-0.211083689	0.247648393	-0.008350129	0.650784754	1.50E-06	0.000130213
YGL02_GNYA1SO04H22BL	8.650290024	-1.143439589	-0.110920119	-0.224687879	0.436575977	0.391797543	0.255352749	0.001045441	0.011062456
YGL02_GNYA1SO04JDKTM	7.137648168	-1.143523874	0.024265718	-0.490319511	0.262847457	0.464762916	0.504446721	0.00052976	0.006801927
YGL02.9773.C2	4.115968845	-1.14451786	-0.395257577	-1.146835002	0.368701131	0.10997741	0.95033469	0.007494567	0.045364592
YGL02.8701.C2	9.147020734	-1.145545228	-0.208853628	-0.974004509	-0.185419939	-0.033008056	0.325047628	2.50E-06	0.000178822
YGL02_GNYA1SO04H4TP6	7.195034221	-1.145806934	-0.351528698	-0.518905943	0.740452454	0.203701755	0.073148587	0.00064372	0.007830198
YGL02.656.C4	5.827723722	-1.145868053	-0.616116614	-1.258715658	-0.280887794	0.808059934	0.831067713	0.004921242	0.033508421
YGL02.9906.C1	7.367356019	-1.146232843	0.030553021	-0.327405282	0.891717791	0.165293205	0.174072902	0.000178952	0.003166696
YGL02.13274.C2	7.832931716	-1.146311622	-0.297621063	-0.746158678	0.044186949	0.214736969	0.509416015	0.000113579	0.002317041
YGL02_GNYA1SO04JEX7N	9.390631389	-1.146313586	0.516066298	0.146064322	-0.264035165	0.184990193	0.237516881	5.59E-07	6.92E-05
YGL02_GNYA1SO04ICNMS	8.157966815	-1.146422001	-0.10350592	-0.316977569	-0.266131169	0.379169806	0.866977822	2.67E-06	0.000185687
YGL02.14768.C1	5.892913665	-1.147267669	-0.104507813	0.014143201	-0.234902877	0.255611492	0.31910639	0.008085476	0.047866989
YGL02_GNYA1SO04H36A4	14.59254768	-1.147636903	-0.158437235	-0.433770953	-0.247969637	0.264825685	0.5009421	3.17E-06	0.000207054
YGL02_GNYA1SO04IMT49	7.151743772	-1.147705448	0.082941885	-0.854400338	0.478242333	0.04869624	0.888292222	0.000407583	0.005665029
YGL02_GNYA1SO04H04SB	9.306605721	-1.147910176	-0.082331698	-1.023447996	-0.214789572	-0.049077296	0.697619392	2.79E-06	0.000191478
YGL02_GNYA1SO04IFTRK	7.176529947	-1.148034333	-0.276259644	0.240172998	0.317147992	0.02425929	0.225005223	0.00116809	0.011962446
YGL02.22042.C1	6.04073684	-1.148115994	0.480890104	0.247401595	0.222959259	0.337415159	1.024342828	4.14E-05	0.001149395

YGL02.853.C2	5.766022238	-1.148360378	-0.217990239	-1.035624449	0.019686934	0.604339349	1.120141617	0.000949276	0.010343225
YGL02.19866.C1	6.578094577	-1.14840568	-0.790762843	-0.844784576	-0.207347577	0.577681815	0.887646251	7.08E-05	0.001661774
YGL02_GNYA1SO04JSIDC	6.570281357	-1.148703391	-0.249771618	-0.819468639	-0.152362852	0.368259314	0.980057264	0.002231168	0.01895875
YGL02_GNYA1SO04JNVBO	8.582749549	-1.148856794	-0.062358075	-0.421991093	-0.248957448	0.157152908	0.93120865	3.32E-07	4.99E-05
YGL02_GNYA1SO04IPGSS	4.04894947	-1.149288668	1.381559706	0.695165918	0.245098706	-0.793790498	-0.818485893	0.000481251	0.00635539
YGL02_GNYA1SO04IFNW9	7.547192551	-1.149866649	-0.51561419	-0.582246521	-0.037171137	0.113068295	0.749423208	0.002012958	0.017632713
YGL02_GNYA1SO04IWHZY	9.351976223	-1.150217831	-0.177516314	-0.501629713	0.653252646	0.339496723	0.470435154	6.49E-06	0.000328214
YGL02_GNYA1SO04IJFJ78	7.128312724	-1.150432929	-0.379775329	-0.561199106	-0.059245945	0.739709494	1.013939328	0.000498121	0.006501268
YGL02.7942.C1	5.869975417	-1.151242356	0.275397718	0.059555229	-0.177224572	0.209909756	0.808974539	4.42E-05	0.001201989
YGL02_GNYA1SO04JFBH2	7.525193117	-1.151259122	-0.352059328	-0.211733816	0.646325329	0.139214917	-0.268808643	3.78E-05	0.001080007
YGL02.11664.C1	8.171981524	-1.151279574	0.452256895	-0.294350601	-0.737712995	0.014295255	0.746805549	0.000130735	0.002552759
YGL02.745.C4	7.260313701	-1.151519277	-0.09375476	-0.501944759	-0.225494941	0.460189913	0.959073651	4.19E-06	0.000248622
YGL02_GNYA1SO04H0L56	7.220598068	-1.151577259	0.10870676	-0.43558927	0.565208456	0.072543608	0.538723101	0.000309439	0.004681104
YGL02.13981.C2	8.75029234	-1.151580692	0.335550566	-0.144145877	-0.096925125	0.05407631	0.588697444	7.02E-08	2.12E-05
YGL02.3176.C1	7.158529006	-1.151834842	0.155427944	0.305408321	0.117364427	0.130014018	0.245627057	4.73E-06	0.000267225
YGL02.1215.C1	9.732876318	-1.152221026	-0.045513566	-0.416492898	0.683920281	0.109825219	0.202364847	1.03E-05	0.000443146
YGL02_GNYA1SO04I1400	6.070741342	-1.152379966	-0.358874212	-0.841037493	0.307032715	0.506321327	0.056306533	0.003253579	0.024836796
YGL02.11442.C1	5.959333479	-1.152458719	-0.136615926	-0.845441556	0.025296737	0.306804342	0.952196174	3.09E-05	0.000939125
YGL02_GNYA1SO04JV57V	11.8337061	-1.15287289	-0.279563592	-0.754554402	-0.068596585	0.327370195	1.070385211	3.75E-08	1.53E-05
YGL02.1534.C2	11.00419784	-1.152964897	-0.187606662	-0.802844874	-0.031718614	0.22871871	0.87437444	1.11E-07	2.69E-05
YGL02_GNYA1SO04IYO6I	9.647506142	-1.154678444	-0.590677679	-1.220667483	0.253059055	-0.052523355	0.652136234	0.000242243	0.003926147
YGL02_GNYA1SO04I9YT4	9.638080938	-1.154764119	-0.071069021	-0.407433582	0.624924565	-0.096564109	0.096681747	0.000165261	0.002997774
YGL02_GNYA1SO04IZKLH	8.245533861	-1.154952261	-0.280611419	-0.883233127	0.174458848	0.096443874	0.689716562	0.000370242	0.005297264
YGL02_GNYA1SO04JAG9Z	8.444865343	-1.156145835	-0.126059169	-0.661981761	0.188416235	0.485902303	0.68988559	4.54E-06	0.000260162
YGL02.1108.C2	6.721205256	-1.156454382	-0.392369155	-0.393746132	-0.306358571	0.218169584	0.484603287	0.000151024	0.002822937
YGL02_GNYA1SO04INMU2	9.904404817	-1.156726867	-0.032629782	-0.333166967	0.845864065	0.081276388	0.220441713	5.66E-05	0.001418363
YGL02_GNYA1SO04H085T	7.020687143	-1.157142902	-0.147982553	-1.119548088	-0.122086568	0.433488268	1.645078118	6.38E-05	0.001539294
YGL02.21436.C1	7.61426682	-1.157421219	-0.248990798	-0.698921011	0.369943884	-0.010353361	0.351634951	1.06E-06	0.000104531
YGL02.778.C1	5.042931845	-1.15789697	-0.723655013	-0.869351046	-0.095224553	1.210934664	1.106434289	0.006291975	0.039952784
YGL02.91.C1	6.290247106	-1.158025106	-1.37703402	-3.405218951	-0.074848147	0.385778807	1.38012839	6.99E-05	0.001646213
YGL02_GNYA1SO04IPEBO	9.464423852	-1.158453593	-0.558150978	-1.221916863	0.039211525	0.240213167	1.123128367	4.02E-05	0.001125092
YGL02_GNYA1SO04JQ7V3	5.442255007	-1.158753679	-0.091239799	-0.896267195	0.119108351	0.680078507	0.350089513	0.007745103	0.046436127
YGL02.16185.C1	7.448693181	-1.158977877	-0.198745683	0.015787654	-0.282201765	0.09901444	0.938360433	1.56E-05	0.000584469
YGL02.4002.C1	9.08886295	-1.159115193	0.16716707	-0.23415954	-0.137271637	0.174480864	0.849332987	3.06E-06	0.000202133
YGL02_GNYA1SO04IVM30	6.446072676	-1.159469214	-0.431460044	-0.679942295	-0.406688988	0.494659581	0.740056669	8.67E-05	0.001919063
YGL02_GNYA1SO04H7TJV	7.377950731	-1.159887304	0.128361224	-0.391550217	-0.276925582	0.234986908	0.990582437	9.44E-07	9.74E-05
YGL02.10113.C1	6.018526386	-1.160192677	-0.921992263	-1.101339721	0.085063202	1.426414254	0.947241363	0.003738173	0.027417604
YGL02_GNYA1SO04IDK4S	8.413475065	-1.160936705	-0.506950962	-1.090287031	-0.062310743	0.404843876	1.319300646	4.60E-06	0.000262597
YGL02.14733.C1	7.19945701	-1.161270198	0.539954298	-0.254509169	-0.412423992	-0.253058414	0.773505153	0.0001245	0.002469741
YGL02.12101.C1	7.497870259	-1.161502764	-0.097822968	-0.438775731	0.007657749	0.345117956	0.741094542	4.32E-05	0.001179249
YGL02_GNYA1SO04IOAIQ	7.511579309	-1.161663837	0.14189587	-0.76034798	0.24817295	0.078164299	0.898193499	7.56E-05	0.001740793
YGL02_GNYA1SO04H9QA0	6.558355146	-1.162406371	-0.63338489	-0.824746461	0.399903087	-0.419089683	0.944806411	0.002410756	0.02005316
YGL02.97.C6	10.90081566	-1.162577282	-0.132105681	-0.762081018	0.035808174	0.228323229	1.049276134	5.45E-06	0.000293474
YGL02_GNYA1SO04I3EFG	7.19430791	-1.162641446	0.685024562	-0.230016165	-0.079186075	0.566967953	1.046816461	0.004900527	0.033408556
YGL02_GNYA1SO04IGRPF	7.052190407	-1.162683771	-0.03874562	-0.534735281	0.143827392	0.285215898	0.883091757	2.55E-05	0.000820856
YGL02_GNYA1SO04IJPOY	5.271540102	-1.162814753	-1.391594038	-1.74295378	-0.438942329	1.012526329	1.099485023	0.002860868	0.022674348
YGL02.5132.C1	8.901361671	-1.16300627	-0.104706279	-1.013676429	0.040538743	-0.333588654	0.515002309	2.84E-06	0.000193549
YGL02.3464.C1	10.19105293	-1.164018222	-0.125189423	-0.842444575	0.364269056	-0.092967155	0.271717708	7.73E-06	0.000367884
YGL02_GNYA1SO04H2ZNX	4.979094016	-1.164329477	-0.271733023	-0.018841144	1.001495258	0.331914165	0.410331386	0.000925555	0.010154051
YGL02_GNYA1SO04IRSFR	9.140799172	-1.164396471	-1.026373835	-1.337453001	-0.012743926	0.025003397	0.280412163	7.02E-06	0.00034571
YGL02.1828.C1	7.007153792	-1.164630476	-0.268166007	-0.59226668	-0.032552164	0.301618997	0.736835035	9.19E-06	0.000411053
YGL02.4045.C2	8.433345921	-1.164720446	-0.390686872	-0.512616689	0.634612928	0.331688604	0.913830044	2.21E-05	0.000743093
YGL02_GNYA1SO04ITT97	6.944306169	-1.16494105	-0.325532947	-0.53796593	0.322239167	0.443414704	0.442340503	4.29E-05	0.001175586
YGL02.7943.C2	10.58013413	-1.165061795	-0.032810676	-0.432694445	-0.051727208	0.419175139	0.887871336	1.02E-08	8.03E-06
YGL02.11169.C1	9.513570176	-1.165149676	-0.062456366	-0.171742395	-0.141501485	0.220018965	0.530924835	3.69E-07	5.32E-05
YGL02.22280.C1	4.902696968	-1.16515246	0.335422161	-0.319405871	0.743357932	0.145256755	0.045684472	0.001446145	0.013936122
YGL02_GNYA1SO04IGBB4	7.016489336	-1.165282015	-0.223275173	-0.526693237	-1.08487809	1.129537737	0.981047402	0.00354985	0.02643157
YGL02_GNYA1SO04IV8YX	5.808971805	-1.165799356	-0.451435414	-1.033284324	-0.10587243	0.687534386	1.014012416	0.004088582	0.029266623
YGL02_GNYA1SO04IGUE2	6.863983517	-1.16644525	0.520038037	0.236485883	-0.25664755	-0.216988713	0.244811411	0.003081294	0.023894896
YGL02_GNYA1SO04JMK0S	9.273648976	-1.166634254	-0.160522137	-0.42911705	0.313052613	0.073901102	0.442261112	5.61E-05	0.001409696
YGL02.1358.C2	7.007778604	-1.166669219	0.187888127	-0.177190499	0.80676713	-0.31244075	0.535698379	1.38E-05	0.000534501
YGL02_GNYA1SO04I1GRY	6.272079846	-1.16679118	-0.255192988	-0.707256942	0.583781875	0.159263136	0.819967622	0.006844382	0.042410285
YGL02.17509.C1	9.351232988	-1.166815419	0.017090743	-0.384181182	1.080944035	0.108381101	0.230410473	0.000149855	0.002807976
YGL02_GNYA1SO04IL6R6	8.795056771	-1.166843796	-0.614061102	-0.85863598	0.088935964	0.228907541	0.981468771	1.47E-05	0.000560814
YGL02.18811.C1	8.98019768	-1.1668675	0.000257803	-0.47105774	0.982469039	0.111942711	0.331061153	0.001899485	0.016917415
YGL02.21189.C1	6.010097015	-1.166906943	-0.628730376	-0.774774656	0.154468926	0.611023093	0.204863826	0.008547697	0.049750913
YGL02.17435.C1	5.703162751	-1.16714217	-1.194053209	-1.644134878	0.220877864	0.485821795	0.134526457	0.0001035	0.002273319
YGL02_GNYA1SO04IHVTL	3.774008494	-1.167596731	0.539917384	0.582607696	0.472909232	-0.524918668	-0.274460472	0.006982992	0.043022135
YGL02.2818.C30	5.719078636	-1.167791569	-0.027771553	0.239941967	-0.064083056	0.761438601	0.578143132	0.000536334	0.006864901
YGL02.849.C13	5.386933095	-1.168092427	-0.126446134	-0.334370998	0.880295468	0.343215331	0.423934153	0.000224338	0.00372261
YGL02.7894.C1	9.960025605	-1.168240914	-0.097643185	-0.16366176	-0.070608542	0.278694232	0.800503671	1.86E-06	0.000149191
YGL02.20494.C1	7.212482726	-1.168257114	-0.100031648	-0.547133666	0.734045894	0.236495206	0.381984202	0.001654631	0.015329171
YGL02.13892.C1	6.563686236	-1.168520288	0.158833767	-0.4462899	0.012508762	0.600932161	0.860672516	0.000103057	0.002166499
YGL02_GNYA1SO04IJ5GL	7.026439642	-1.168947397	0.079131818	-0.335980143	0.447656197	0.007457256	0.000904791	0.00092752	0.010168632
YGL02.227.C1	13.74356868	-1.16900709	-0.327827904	-1.24810655	0.004742255	0.105464162	0.753584156	1.00E-06	0.000100869
YGL02.9981.C1	8.472442395	-1.169134022	-0.143581608	0.056668308	0.148774468	-0.015995466	0.764741835	0.000135854	0.002622651
YGL02.2485.C1	6.303439498	-1.169197709	0.018709563	0.257389879	-0.09772792	0.575067812	0.473953178	0.000469727	0.006250249
YGL02_GNYA1SO04I5DLU	8.365511962	-1.169366381	-0.182694251	-0.676177772	-0.346941354	0.479744837	0.41217939	8.79E-06	0.000399959
YGL02_GNYA1SO04I43I4	9.088817902	-1.169588075	-0.116988524	-0.342738558	0.950332502	0.218605501	0.167344511	0.000486013	0.006400651
YGL02.8696.C1	7.635305274	-1.170218124	-0.076164796	-0.316310957	0.499960662	0.215773481	0.425136578	0.000598067	0.007416299
YGL02.17991.C1	6.784881815	-1.170676259	0.093699332	-0.532779868	0.761292188	0.204120064	0.621871613	5.34E-05	0.001361134
YGL02.13882.C1	4.782658318	-1.170764731	-0.610317588	-0.897008904	-0.057261021	0.328439507	0.615945192	0.001769424	0.016098966
YGL02.13686.C1	7.372305973	-1.170885086	-0.11090023	-0.644621915	0.095063647	0.290406955	0.588709835	9.95E-07	0.000100391
YGL02.1657.C1	8.744666744	-1.171042983	-0.146411264	-0.971244795	-0.063422169	-0.193045177	-0.018238256	3.65E-05	0.001056708
YGL02_GNYA1SO04IG8JE	9.911382589	-1.171262639	-0.162837566	-0.630969974	0.953598593	0.242506331	0.612246388	0.004468059	0.031190398
YGL02.5595.C1	8.474375496	-1.171297833	0.192555808	-0.642818633	-0.455658838	-0.069007271	0.973896937	1.63E-05	0.00060161
YGL02.887.C1	8.294501047	-1.171299124	-0.411885932	-1.224952836	0.044413556	0.028992777	0.135782364	0.000239157	0.003892926
YGL02.2818.C13	6.359971461	-1.171315779	-0.132534984	0.114386259	0.465952656	0.61317785	0.972206714	0.000998019	0.010693473
YGL02.20812.C1	8.370360021	-1.17151062	-0.110485963	-0.615468044	0.124546974	-0.155171039	0.401283864	1.51E-07	3.10E-05
YGL02_GNYA1SO04IM7DE	5.351410001	-1.171756565	0.288281625	-0.49512634	1.038893843	-0.134049219	-0.204499588	0.004167671	0.029676908

YGL02.11546.C1	4.576159168	-1.172215421	0.484487989	-0.340734851	0.257786792	-0.567936315	0.257228055	2.34E-05	0.000772644
YGL02_GNYA1SO04I0Z5V	7.782019537	-1.172865631	-0.052565435	-0.251936634	0.019167175	0.246136308	0.92541436	6.18E-07	7.38E-05
YGL02_GNYA1SO04JU2AJ	6.407552502	-1.173096878	-0.983272341	-0.895700715	-0.049245761	1.153698303	0.637037634	0.003010199	0.02349127
YGL02_GNYA1SO04I7VGQ	7.67716239	-1.173426144	-0.874031595	-1.426112765	-0.403194125	0.210762197	0.772004687	1.20E-05	0.000485553
YGL02_GNYA1SO04IX277	8.185421281	-1.173593148	0.025263552	-0.708677012	0.346739305	-0.213800082	0.224370752	0.000780131	0.00899139
YGL02.8326.C1	11.50934029	-1.173720792	0.075137476	0.158622207	-0.03532939	-0.125515262	0.206759523	0.000283664	0.004400027
YGL02_GNYA1SO04IMYF9	3.949133246	-1.174224964	-1.110716586	-1.158266464	0.018880904	1.399455568	1.168458546	0.00030246	0.004606594
YGL02.3607.C4	6.847709257	-1.174330379	0.040362464	-0.212266063	-0.112468504	0.475265588	0.331570773	0.000932366	0.010203619
YGL02_GNYA1SO04JWZ7G	8.850980561	-1.17485898	0.111880066	0.419280422	-0.482486397	0.161822055	0.419038634	0.00548135	0.036232091
YGL02_GNYA1SO04JNIO4	8.615636524	-1.175187509	-0.479521228	-0.7275022	0.526601188	0.289946803	0.376805265	4.18E-05	0.001155865
YGL02_GNYA1SO04JSGG1	7.614883733	-1.175236274	-0.375548465	-1.050557956	0.786628354	0.402688255	1.057726278	1.91E-05	0.000673236
YGL02_GNYA1SO04JMHE9	13.89299826	-1.175254513	-0.32338393	-1.252613915	-0.031868657	0.104172944	0.81125221	2.15E-06	0.000162903
YGL02_GNYA1SO04JH7HS	5.731094306	-1.175557511	-0.439991157	-0.158525821	-0.083436164	0.105044463	0.461098068	0.004893209	0.033366497
YGL02.7469.C1	5.791521517	-1.175781625	-0.047133165	-0.295293405	0.760609065	0.263650004	0.204615073	0.00015607	0.002884777
YGL02_GNYA1SO04ISVWD	7.744208838	-1.175867958	-0.34989271	-0.886688889	-0.07256096	-0.144397879	0.871234477	7.66E-05	0.001756158
YGL02_GNYA1SO04IIVSH	7.955057966	-1.176452356	-0.091231429	-0.459927634	0.490567524	0.272352102	0.280191101	0.00023026	0.003785946
YGL02.13249.C2	5.224408619	-1.176642202	0.158298755	-0.224287766	0.101124756	-0.079562098	0.447647691	0.000150456	0.002815967
YGL02_GNYA1SO04H68HG	10.10296591	-1.176691932	-0.096493728	-0.44303682	1.076754217	0.238955055	0.23259817	7.43E-06	0.000358518
YGL02.19772.C1	10.64975521	-1.177247898	-0.204803017	-0.334225989	-0.104787999	0.277992417	0.888648754	7.20E-08	2.13E-05
YGL02.19065.C1	6.500442697	-1.177481332	-0.558935997	-0.525066265	0.185039328	0.260818766	0.136339517	0.000359548	0.005190716
YGL02_GNYA1SO04JAZ65	7.710408227	-1.177925798	0.255492712	0.016159352	0.295054576	0.26535668	0.467640842	8.08E-05	0.001825173
YGL02_GNYA1SO04IHXKE	10.18424058	-1.178596803	-0.499571213	-1.011990318	0.010576715	0.199124545	0.360385505	1.45E-06	0.000127572
YGL02_GNYA1SO04JEYDJ	8.551523219	-1.178621549	-0.25199259	-0.730515194	-0.028108833	0.545858241	1.171964558	1.68E-06	0.000140172
YGL02.3895.C1	5.962887117	-1.178922448	-0.102180096	-0.355105129	-0.093390156	-0.205701808	0.518244852	0.000305637	0.004642185
YGL02_GNYA1SO04H8GFP	9.290901448	-1.179032355	-0.291876516	-1.014363889	0.103195761	-0.40517735	0.52170531	2.23E-06	0.000166131
YGL02.23185.C1	3.537932119	-1.179370611	0.413017618	-0.762794951	0.845802808	0.026403346	1.34472187	0.000437025	0.005934753
YGL02_GNYA1SO04IEWT4	6.645986233	-1.179422906	-0.151772509	-0.457775559	-0.230559793	0.769025443	0.978432287	0.002620301	0.021266389
YGL02.992.C1	5.066793268	-1.179463434	0.152974234	0.133525829	0.82955338	-0.445087127	-0.314120054	0.000301272	0.004593787
YGL02_GNYA1SO04JY2K0	6.89146719	-1.179762058	-0.214411446	0.529447639	0.69972997	0.063916525	0.216583747	0.000524519	0.006750554
YGL02.769.C2	6.30957157	-1.180148762	-0.722350547	-0.260929589	0.566750918	0.679469302	0.433270196	0.002414304	0.020069983
YGL02.5846.C1	6.444133564	-1.180274876	-0.113911087	-1.000598333	0.181316915	-0.204152497	0.489778163	0.000662441	0.007988887
YGL02.10752.C1	4.791592372	-1.180623731	0.162574916	-0.534360891	0.406327541	-0.163632754	1.197790178	0.003693269	0.027168846
YGL02.19903.C1	7.183770299	-1.180848577	-0.097692203	-0.70435697	-0.282574077	0.397865018	1.024508312	9.89E-06	0.000431174
YGL02_GNYA1SO04H66PN	11.70598672	-1.181258213	0.150030915	-0.144829907	-0.076811942	0.049354648	0.815863434	5.30E-07	6.71E-05
YGL02.337.C2	11.06093072	-1.181635855	-0.206259944	-0.834584291	-0.111871002	0.181441516	0.890807656	9.57E-09	7.71E-06
YGL02_GNYA1SO04JILX2	8.918725752	-1.181646142	-0.253977923	-0.719873694	0.209727302	0.406084546	0.525354643	1.01E-05	0.000436966
YGL02.15035.C1	5.85568569	-1.182016478	-0.164342539	-1.171859269	0.023431037	0.523039835	1.599477472	0.000419832	0.005779924
YGL02_GNYA1SO04ILIQF	5.918212189	-1.182420586	0.191794689	-0.555069899	0.328246814	0.075639468	0.007645994	0.001562766	0.014745582
YGL02.9530.C1	6.710124359	-1.182537265	-0.005274513	-0.326900949	0.37545909	-0.112707442	0.272729409	6.26E-05	0.001518561
YGL02_GNYA1SO04I032N	8.346237418	-1.182581955	-0.101325255	-0.327493002	0.581798742	0.14645182	0.194549694	0.000689249	0.008219558
YGL02_GNYA1SO04IH5H5	4.986301825	-1.182639117	0.090531057	-0.678450752	-0.188346847	-0.439774318	-0.134080749	0.006802298	0.042220225
YGL02.1404.C1	13.36810643	-1.182806538	-0.254416035	-1.209762013	0.03600746	0.12117987	0.761773555	3.39E-08	1.46E-05
YGL02.20710.C1	9.135080261	-1.182930562	-0.205817585	-0.70085196	0.197876672	0.285144671	0.777739898	3.67E-07	5.31E-05
YGL02_GNYA1SO04H4IE0	8.510429151	-1.1829489	0.133677726	-0.622779117	0.334784792	0.304913297	0.515161522	7.75E-06	0.000368492
YGL02_GNYA1SO04H2EV0	7.382761719	-1.183505743	-0.477753598	-0.778385036	0.578113274	0.757245716	1.036167533	0.000107541	0.00223179
YGL02_GNYA1SO04IO7JD	7.039138892	-1.183848532	0.086294308	0.208572512	-0.140109744	0.059970186	0.449614183	3.88E-05	0.001100079
YGL02_GNYA1SO04IKG0Z	5.622663142	-1.184744882	-0.163746732	0.338705738	0.326273298	-0.009756444	0.57340945	0.005422837	0.035946231
YGL02_GNYA1SO04JDUZD	6.254257564	-1.18514615	0.751773514	-0.170116725	-0.177992324	-0.435023865	0.733912232	0.000409128	0.005680411
YGL02_GNYA1SO04JOYO2	8.348986517	-1.185408914	-0.094087956	-0.334096587	0.861528357	0.304151241	0.123032741	0.00521788	0.034965281
YGL02.1677.C4	4.124455587	-1.185587118	-0.879658285	-0.906148172	-0.111303316	1.025910861	1.280994984	0.000279305	0.004352512
YGL02.7818.C1	8.076138118	-1.185632554	-0.150725299	0.025341029	0.037795943	-0.162043714	0.122603957	0.00323884	0.024757348
YGL02_GNYA1SO04IP5KP	8.911726084	-1.185670477	0.010707588	-0.340319216	0.255435046	0.221520964	0.385691206	0.001062823	0.011183329
YGL02_GNYA1SO04JMI4K	7.57150521	-1.1858638	-0.256468988	-0.328745894	0.115544618	0.22979231	0.804175942	2.38E-06	0.000173279
YGL02_GNYA1SO04IIM3N	6.36187356	-1.185881856	0.193515851	-0.259973066	0.721901204	-0.056590306	0.398657008	0.004854421	0.033171954
YGL02.15871.C1	8.365145441	-1.186194532	-0.238156395	-0.30116043	-0.14571528	0.325872923	0.484874016	1.47E-07	3.07E-05
YGL02.12884.C1	7.223910877	-1.186257162	-0.231537038	-0.926607836	0.395901083	0.423896165	1.015167139	8.60E-07	9.22E-05
YGL02.9261.C2	8.887055031	-1.186368962	-0.567786	-1.18650378	0.067522248	0.339527143	1.083507548	0.000117197	0.002363445
YGL02.835.C5	9.087302228	-1.186593103	-0.162385929	-0.439645585	0.981655843	0.115220992	0.240480517	2.94E-06	0.000197451
YGL02.2374.C2	5.404119693	-1.186929694	0.359764275	-0.083546223	0.816153067	0.207167263	0.682289819	0.001316653	0.013012567
YGL02.329.C78	8.286900617	-1.187421789	-0.17600831	-0.499844623	0.959889176	0.197573554	0.204694938	0.000191104	0.003321812
YGL02.21626.C1	4.00734398	-1.187876218	-0.147723806	0.463460528	0.085227583	0.570064274	-0.361568337	0.002966225	0.023225087
YGL02.10902.C1	4.473734454	-1.188322954	-1.743282092	-1.198466672	0.236456766	1.93621745	0.831750914	0.000122932	0.002447641
YGL02.1926.C1	8.749236999	-1.189193057	0.114347166	-0.177236998	0.249436186	0.110177575	0.830269809	0.000626334	0.007671319
YGL02.12304.C1	7.24172789	-1.189631975	-0.466586178	-0.711750116	0.023174112	0.713992293	0.917644872	2.47E-05	0.000802261
YGL02.4776.C1	6.995951803	-1.190425548	0.07690983	1.669767912	0.026514229	0.199197107	0.984192032	1.92E-06	0.000152314
YGL02.20469.C1	5.496553888	-1.190515861	-0.565540881	-0.595445098	-0.226940338	0.774841212	0.722269227	0.003741019	0.027433815
YGL02_GNYA1SO04JGKUR	8.445355466	-1.190751301	-0.249008367	-0.572169625	0.050953078	0.446655669	0.606833622	8.94E-06	0.000404159
YGL02.21496.C1	6.39439446	-1.191254789	-1.099495067	-0.774559874	-0.002453178	1.251715044	1.187356412	1.64E-05	0.000602889
YGL02.3592.C1	5.862925522	-1.191270232	-1.843320286	-2.877679352	-0.235240948	0.858100348	1.239666839	0.002520964	0.020705596
YGL02_GNYA1SO04H05EV	8.540714173	-1.191701249	-0.487513631	-0.874602077	-0.137078129	-0.031378075	0.59853846	5.70E-06	0.000302259
YGL02_GNYA1SO04JMAOJ	5.217283937	-1.193619495	-0.813478105	0.196909319	0.438628816	1.308289653	0.700867841	0.001566996	0.014764452
YGL02.3176.C4	6.824313971	-1.193671256	0.204436074	0.228287639	-0.540933288	0.230738834	0.749974043	0.00047389	0.006287031
YGL02_GNYA1SO04IF333	5.406605555	-1.193722494	0.215634886	0.187718197	-0.355467327	-0.365491663	-0.252231228	0.003296074	0.025070405
YGL02.10213.C1	6.842790187	-1.193824461	-0.384795986	-0.309400079	-0.151944848	0.621208401	1.259163261	1.17E-05	0.000479098
YGL02_GNYA1SO04IVC4H	5.444854192	-1.194048112	1.029926358	-0.395315148	-0.623456297	-0.688480093	0.924210332	0.000709783	0.008397169
YGL02.8187.C1	5.182474295	-1.194550539	-0.100873203	0.205505818	-0.103310805	0.497951793	0.923307225	0.000201515	0.003449535
YGL02.8024.C1	4.104924267	-1.194698687	-0.333808773	-1.151890825	0.579383473	-0.079033455	0.881557972	0.001041341	0.011032589
YGL02.19334.C1	7.03460361	-1.194726386	0.031032617	-0.543502241	0.424425622	0.118188609	0.528364344	0.000111498	0.002288596
YGL02.12038.C1	4.034767729	-1.194790548	-0.069095373	-0.944251881	0.520040727	0.530238305	1.536163819	0.008064019	0.047779687
YGL02_GNYA1SO04JZM5K	7.193130344	-1.194896165	-0.328880397	-1.733415994	1.811769396	-0.287325093	-0.02780483	0.001218404	0.012323722
YGL02.479.C21	8.675659923	-1.19498472	-0.101567134	-0.442161854	0.648580155	0.154787994	0.193781755	0.000263143	0.00416736
YGL02.2971.C1	6.918502	-1.195266669	-0.057506515	-0.160846596	0.982304231	1.229932353	0.849955942	7.51E-05	0.001733231
YGL02.12214.C1	5.784967509	-1.195354749	0.277740186	-0.580572467	1.936251823	-0.197661394	0.684312203	0.006941239	0.042823979
YGL02_GNYA1SO04JUEFP	7.838004739	-1.195595893	-0.082533255	-0.689012335	0.03748182	0.537104026	0.795730501	5.81E-07	7.11E-05
YGL02.11127.C1	5.467059737	-1.196089446	-0.60587307	-0.449005606	0.146651567	1.491085647	0.298611655	0.000674854	0.008097826
YGL02.3034.C1	6.555670816	-1.196234142	-1.104611846	-0.856239813	-0.020468927	1.084135786	1.123870575	0.001103417	0.011480807
YGL02_GNYA1SO04JKQS4	7.5917664	-1.196743214	-0.288300425	-0.555402329	-0.105878293	0.332802369	0.491290457	0.004363562	0.030673745
YGL02.18695.C1	7.522336437	-1.197387856	-0.078961449	-0.619218872	2.272054166	0.116191833	0.470317015	0.003443096	0.025846238
YGL02_GNYA1SO04JS9TV	10.02574954	-1.198218071	-0.215008025	-0.830814369	-0.530026243	0.413542736	0.62591334	0.000209048	0.003536413
YGL02.6589.C1	6.939058202	-1.198852093	0.221150254	-0.314528993	1.170950426	0.464671515	0.648824505	6.90E-05	0.001629415

YGL02.8253.C1	7.195109561	-1.198854066	-0.447407189	-1.139708999	0.510332298	0.133993745	0.875993331	6.40E-05	0.001542141
YGL02_GNYA1SO04H4H85	10.45655734	-1.199430551	-0.199498929	-0.867203112	-0.004669639	0.008409461	0.538815023	4.33E-07	5.92E-05
YGL02_GNYA1SO04JRH5P	5.819972878	-1.199618565	0.149505895	-0.99283508	-0.107190809	0.277480142	1.351466076	0.001614486	0.015074801
YGL02.9174.C2	6.128380187	-1.199688877	-0.080454748	-0.174460774	0.921769583	0.294733912	0.355025836	0.000493974	0.006466692
YGL02_GNYA1SO04IBON0	6.865530599	-1.199855775	0.132033385	-0.501088318	0.822923627	0.011472252	0.055370724	0.000202092	0.003455302
YGL02_GNYA1SO04JM8F2	9.455756033	-1.200034937	-0.27720561	-0.983397931	0.032213229	-0.23550929	0.60348211	4.34E-07	5.92E-05
YGL02.1977.C1	7.871741679	-1.200461133	0.236377895	-0.448432935	0.109769017	0.233547659	0.816383374	6.78E-06	0.000337676
YGL02_GNYA1SO04JLTVB	5.641446851	-1.200858974	-0.250162506	-0.318165036	-0.154536715	0.425308253	0.966142726	0.000264019	0.004176115
YGL02.11438.C1	5.029302863	-1.201071945	-0.516326055	-0.384465412	-0.231355719	0.523583583	0.474952708	0.006732863	0.041944451
YGL02.2975.C1	6.891451778	-1.201331218	-0.556837536	-0.839300057	-0.167386032	0.451388883	0.88519265	1.05E-05	0.00044695
YGL02_GNYA1SO04H9L52	6.805218821	-1.201640889	1.188932105	-0.122197919	-0.952310964	0.924265147	0.817695075	0.000356441	0.005159087
YGL02.23424.C1	6.396812272	-1.20172823	-0.064411136	-0.759801949	0.903488187	0.191131705	0.473700231	2.41E-05	0.00078849
YGL02.19673.C3	8.465600072	-1.202399278	-0.190625942	-0.691309892	0.39075654	0.177192443	0.276985489	1.78E-07	3.44E-05
YGL02_GNYA1SO04IWKPG	12.22961163	-1.202721901	-0.157533121	-0.859738487	-0.259250457	0.282560323	1.039484037	1.69E-08	1.04E-05
YGL02.7939.C3	6.699432529	-1.202971609	-0.446829527	0.350537039	-0.339092369	0.323295235	0.998336851	0.002399309	0.019982336
YGL02.22239.C1	5.668926708	-1.203176866	-0.380833104	-0.872135544	-0.164196601	0.082390315	0.985439155	0.000995572	0.010674782
YGL02_GNYA1SO04JD6KO	9.399668722	-1.203267845	-0.081608129	-0.023841647	0.120241687	0.180447278	0.316750813	0.000263765	0.004173116
YGL02.1700.C1	8.184480601	-1.203348256	-0.420951987	-0.837726518	-0.387508326	0.404360965	0.3662633	0.000350636	0.00510301
YGL02_GNYA1SO04JF1EA	7.07461814	-1.203733362	-0.107986565	-0.29745321	0.440511363	0.61977821	0.473068943	0.0020952	0.018120874
YGL02.10708.C2	6.010405769	-1.203754168	-0.05467712	-0.735688883	0.154866616	0.496036234	1.184905515	4.16E-05	0.001151244
YGL02_GNYA1SO04IXER2	7.664466291	-1.203921332	-0.329185241	-0.812113449	-0.210425541	-0.033303735	0.233992657	2.83E-05	0.000882912
YGL02_GNYA1SO04I2V8J	8.765940671	-1.20407526	0.059624676	-0.464116572	1.161466928	0.150491914	0.489433907	0.003109959	0.024055839
YGL02.9359.C2	8.394232928	-1.204124675	0.196441214	-0.744203874	-0.263218781	0.144001181	0.81961407	8.80E-07	9.32E-05
YGL02_GNYA1SO04IP397	6.546367466	-1.20419294	-0.071988422	-0.298325735	0.917133886	0.376120349	0.123862135	0.000313955	0.004728594
YGL02.4664.C8	6.789736911	-1.204606022	-0.043732943	-0.265150759	0.560959845	0.192907397	0.492665772	3.44E-05	0.001012192
YGL02_GNYA1SO04IYNF2	8.749969712	-1.205050257	0.298125326	0.19728119	-0.099753494	0.523576115	0.799233329	4.56E-07	6.07E-05
YGL02_GNYA1SO04ITAOD	8.81764085	-1.205097463	0.246987982	-0.314954663	0.171987181	0.337504439	1.071930391	2.48E-05	0.00080368
YGL02.9824.C1	4.609147329	-1.205187997	0.002846542	-0.387917782	1.129749905	-0.082111982	-0.124585188	0.000351551	0.005112886
YGL02_GNYA1SO04JTLS7	7.740550311	-1.205475999	-0.053255446	-0.793412002	-0.096629005	0.271388087	0.634009554	2.64E-05	0.000840715
YGL02.4.C2	3.841598815	-1.205821826	-0.327212052	0.182094846	0.391820812	0.212276256	-0.010820961	0.003594877	0.026673276
YGL02.5371.C1	7.209469731	-1.206340454	-0.022287732	-0.287942176	-0.193152907	0.065325543	0.692455443	1.68E-07	3.31E-05
YGL02_GNYA1SO04JO06B	4.942285615	-1.206764462	-0.774872848	-1.114260858	1.557905006	0.895087679	1.737525946	0.006164662	0.03938772
YGL02_GNYA1SO04JCX7A	8.407686122	-1.206770448	-0.006588923	0.005034968	-0.747904929	0.419687347	0.88284358	1.45E-06	0.000127618
YGL02.6657.C1	6.460171721	-1.207255739	0.127895139	-0.651802743	0.112851584	-0.227304356	0.958671752	5.18E-06	0.000284417
YGL02.2.C39	8.00753799	-1.207512323	-0.401512869	0.028968298	-0.046783705	0.377458119	1.026029504	4.83E-05	0.001273315
YGL02_GNYA1SO04JT3YH	9.23368889	-1.207550305	0.457941695	0.10055039	-0.104893638	0.272875426	0.43690312	3.42E-07	5.12E-05
YGL02.22143.C1	4.58729651	-1.207695082	-0.728477329	0.282305126	0.141520227	0.91400518	0.124746702	0.004978346	0.03378709
YGL02_GNYA1SO04I31DK	3.937235504	-1.208306662	0.258349104	-0.330529264	0.241845207	-0.215337598	0.605738451	0.001328355	0.013102226
YGL02.13946.C1	5.309953135	-1.208318434	0.44872693	-0.084250416	0.016052778	0.250139648	1.00197762	0.000294113	0.004513501
YGL02.10639.C1	8.655718802	-1.208762817	-0.097451979	-0.396801833	1.253270585	0.170891036	0.245889357	1.60E-05	0.000594705
YGL02_GNYA1SO04H4O1X	5.667143571	-1.208837381	0.179064682	-0.079762121	0.50282466	0.896940367	0.521603072	0.003322862	0.025202261
YGL02_GNYA1SO04JVEI0	7.721074531	-1.209256675	-0.136809745	-0.39271974	0.71387832	0.544937667	0.501975225	0.001956547	0.01728933
YGL02.356.C1	9.766172272	-1.209406161	-0.073920453	-0.451137301	0.692199972	0.192548862	0.361411133	6.25E-05	0.001515904
YGL02_GNYA1SO04IN4ZE	9.51883987	-1.209460451	0.212863358	-0.193148437	-0.182997195	0.280728939	0.672691248	2.37E-07	4.06E-05
YGL02_GNYA1SO04I8N6X	10.16979832	-1.209818387	-0.126244487	-0.482507681	-0.052021818	0.281423626	0.665995855	4.50E-07	6.03E-05
YGL02.11203.C1	7.702810108	-1.210349555	0.052473732	-0.484253288	0.080811841	0.403600392	1.030842671	8.36E-06	0.000387961
YGL02_GNYA1SO04JDHYJ	10.4699308	-1.210411746	-0.063868582	-0.557396587	0.917819265	0.174687893	0.227951278	0.000284963	0.004412538
YGL02_GNYA1SO04JQI5O	8.626796439	-1.210927056	-0.46326427	-0.815215219	-0.172129969	0.104608819	0.493747099	1.74E-05	0.000627822
YGL02_GNYA1SO04IWDCR	10.71994025	-1.210990308	-0.06852574	-0.697043432	-0.013143262	0.218548921	0.959205682	9.38E-07	9.71E-05
YGL02_GNYA1SO04H640Z	6.422979302	-1.21126514	-0.334665703	-0.500008253	0.500113276	0.182570097	-0.006313013	2.59E-05	0.000828973
YGL02.6959.C1	8.422815999	-1.211577588	-0.438352801	-0.958505996	0.10579075	0.282517244	0.655874851	4.78E-06	0.000269228
YGL02.1302.C1	7.761362322	-1.211628271	0.226048663	0.508038688	0.030955388	0.253843969	1.034663023	4.75E-06	0.000268254
YGL02_GNYA1SO04I9C8Z	7.001117576	-1.211831677	-0.427645725	-0.657834732	0.029061015	0.726806516	1.113982226	1.22E-07	2.80E-05
YGL02.9538.C1	5.662828563	-1.211861435	0.396332211	-0.426779962	0.232584231	0.036502132	-0.004607481	0.002722503	0.021895302
YGL02_GNYA1SO04I042B	6.791518028	-1.212090634	-0.178791204	-0.458839986	0.365308723	0.660331604	0.554276533	0.000310813	0.004696903
YGL02_GNYA1SO04JREJF	4.401316749	-1.212569619	-0.112845429	-1.081918056	1.864913256	0.2683684	0.956387007	0.008421276	0.049240836
YGL02.479.C44	8.602629814	-1.212720458	1.004299295	0.623654416	-0.407671824	-0.027139634	0.37472091	1.08E-06	0.000105818
YGL02.10674.C1	6.678818248	-1.213406002	-0.797384286	-0.661525893	-0.175679589	0.647616749	0.851122407	1.19E-05	0.000482973
YGL02.262.C1	7.698672402	-1.213628713	-0.048930236	-0.582316314	0.031417156	0.082252848	0.902855296	2.02E-07	3.70E-05
YGL02.835.C3	9.411922032	-1.213792771	-0.199747458	-0.416972578	1.333997169	-0.084408968	0.179291299	1.18E-05	0.000482589
YGL02.17730.C1	8.623731979	-1.214003541	0.115239971	-0.587466425	0.586463588	0.125537731	0.390637569	3.88E-05	0.001100115
YGL02_GNYA1SO04H9IJA	6.841319603	-1.214527487	0.298070704	-0.529562799	0.655428626	0.325549027	0.826486081	2.91E-05	0.00090282
YGL02.17388.C1	6.974230073	-1.214755404	-0.633421198	-0.968469008	0.363214848	0.686601819	1.077688593	6.05E-06	0.000313486
YGL02.10704.C1	5.143212518	-1.215162131	-0.365690287	-1.059247637	0.752836659	0.166185104	0.592697072	0.002166879	0.018568428
YGL02.16669.C1	7.890941685	-1.21632453	-0.06332397	-0.076547666	0.030704028	-0.19256902	0.238295736	9.89E-06	0.000431174
YGL02_GNYA1SO04JLFDK	7.114513093	-1.21666112	-0.093408205	-0.415409786	-0.541380773	0.140555169	0.996606551	2.45E-05	0.00079744
YGL02.13578.C1	7.389726444	-1.216771058	0.310146037	-1.073870127	-0.119109129	0.484461983	1.43059534	6.19E-05	0.001505174
YGL02_GNYA1SO04IYVI5	8.666497458	-1.217031788	1.115050746	0.51884647	-0.47801922	-0.085040197	0.468439022	1.57E-06	0.000134229
YGL02.4.C15	6.401739015	-1.217190668	0.243096454	-0.218497449	0.054384351	0.483100248	1.157950675	0.003265048	0.024902325
YGL02_GNYA1SO04IBL2F	4.070242754	-1.21725893	-0.725130802	-0.552973056	0.090786858	0.861660055	0.798652222	0.00464628	0.032100038
YGL02.15573.C1	4.649511659	-1.217331958	-0.402915943	-0.277047475	-0.210880326	0.405790337	1.041220213	1.00E-05	0.000434943
YGL02_GNYA1SO04JI8A3	9.237394559	-1.217346971	-0.099039451	-0.366349697	0.34720168	0.206075267	0.205144241	9.57E-05	0.002060897
YGL02_GNYA1SO04IDTCB	7.204216614	-1.217730015	-0.030123473	-0.162455229	-0.327025725	0.110557854	0.597143157	0.001452274	0.013979504
YGL02.3071.C1	5.930741538	-1.218518687	1.104796746	1.324462763	0.242427622	-0.626811617	0.389402574	0.000374037	0.005336632
YGL02_GNYA1SO04JADZL	6.332501634	-1.218702391	-0.069976458	-0.081948856	0.890807474	0.538253453	0.511579355	0.00016335	0.002973085
YGL02.8658.C5	7.939402848	-1.219280304	-0.087886517	-0.07721981	0.312126413	0.096522485	0.391221808	5.68E-06	0.000301954
YGL02_GNYA1SO04H5PK1	5.416740521	-1.219373288	-0.120613147	-1.195908898	-0.618189205	0.256684717	1.219123182	0.00172415	0.015804749
YGL02_GNYA1SO04JJT9P	7.392331702	-1.219787533	-0.121310704	-0.640579869	-0.310810597	0.327423304	1.284708106	1.33E-06	0.000120129
YGL02_GNYA1SO04JQ8Y5	7.11911729	-1.220399744	0.165540536	-0.401759397	0.537101817	-0.004231694	0.43279134	0.001409992	0.013673624
YGL02_GNYA1SO04IIE4A	5.52756499	-1.220499816	0.290731586	-0.28020432	0.899774922	-0.040935286	0.377459056	0.001197938	0.012174094
YGL02_GNYA1SO04IB3VD	6.587443776	-1.22065926	-0.129317135	-0.553524028	-0.306879042	0.521891988	1.207887136	0.000238256	0.003881449
YGL02_GNYA1SO04IWEIV	6.187651606	-1.221488465	-0.074716531	-0.524500096	0.276317994	0.452946889	0.609090945	0.002647468	0.021432943
YGL02.12427.C1	8.064424701	-1.222158954	-0.001694962	-0.632344137	-0.17596702	0.265471202	1.04114262	5.31E-06	0.000288578
YGL02_GNYA1SO04H1SXS	6.206844932	-1.222487821	-0.524880945	-0.498009192	0.111080681	0.47346841	0.633490035	0.000996862	0.01068461
YGL02_GNYA1SO04JCENA	7.791428815	-1.222643381	0.029697959	-0.732916388	2.518030957	0.057692037	0.576048759	0.002737801	0.021981478
YGL02_GNYA1SO04IQ5Z1	6.458128792	-1.223106608	0.099753928	-1.131288853	-0.537060315	0.10193867	1.357183558	0.000328874	0.004881544
YGL02_GNYA1SO04IHNMO	9.962615582	-1.223151717	-0.064362961	-0.146449894	-0.024725532	0.366818588	0.596795582	2.13E-08	1.18E-05
YGL02_GNYA1SO04IY9QH	6.5132745	-1.223293955	0.118623145	-0.793622546	0.274114063	0.023526064	0.663871646	0.000658501	0.007954711
YGL02.9961.C1	6.157439962	-1.224332693	-0.04452435	-0.515035542	0.740423505	0.247261631	0.23727696	6.78E-05	0.001608349
YGL02.17836.C1	6.470559493	-1.224687652	-0.366358249	-0.4689031	0.139088251	0.544407975	0.14472599	1.84E-05	0.000653742

YGL02_GNYA1SO04ICM42	7.404317411	-1.224705883	-0.038147513	-0.552744582	1.593087498	-0.020120708	0.379725262	0.002432621	0.020176716
YGL02.3552.C1	10.05744929	-1.224828865	-0.151203939	-0.309273182	0.079080378	0.271136849	0.718078468	7.85E-08	2.25E-05
YGL02.8619.C4	5.026216706	-1.22539508	-0.351908386	-1.189911689	-0.341342181	0.723267713	1.320612914	0.001198783	0.01217853
YGL02.15953.C1	6.762694441	-1.226462535	0.033635934	-0.370389781	-0.150152345	0.292187328	0.84607269	1.09E-05	0.000459251
YGL02_GNYA1SO04JDYW5	6.936990806	-1.226487535	-0.249673239	-0.281635377	-0.333805597	0.915587011	0.772594117	0.001344454	0.013210703
YGL02.8655.C1	7.974448371	-1.226580779	-0.136179327	-0.034763327	-0.082880129	0.327410546	0.98219235	1.23E-06	0.000115223
YGL02.7354.C1	5.81964788	-1.226598707	0.274024466	-0.137485311	1.218364986	0.196688014	0.042256881	8.00E-05	0.001811881
YGL02.15534.C1	7.959975893	-1.22728352	-0.244364728	-0.541882189	0.490633428	0.234151368	0.404488382	6.47E-06	0.000327291
YGL02.13577.C1	7.483590032	-1.227415043	0.114512676	-0.169489624	0.090674001	0.368126915	0.803461692	1.91E-06	0.000151584
YGL02.3789.C1	4.075067165	-1.227626288	0.631891057	-0.07170429	0.549599213	-0.142056597	0.199629665	0.000866044	0.009685712
YGL02.12288.C1	4.62085453	-1.227766711	0.61950844	-0.81524046	-0.241152501	-1.0172514	0.954583838	0.004304381	0.030361122
YGL02_GNYA1SO04IMY7A	8.32714564	-1.227825815	-0.15264566	-0.529506871	0.576365376	0.435261834	0.065589365	2.37E-05	0.000778668
YGL02.2219.C2	7.010340291	-1.228185666	-0.014240414	-0.288263021	-0.081062945	0.342662347	1.183469677	2.37E-08	1.24E-05
YGL02_GNYA1SO04IJ3XH	4.491857046	-1.228237371	0.894101981	-0.209375066	0.087886	-0.275475767	0.655036363	0.002713963	0.021848331
YGL02_GNYA1SO04IWWHS	5.541324907	-1.228481079	-0.188908078	-0.313364538	-0.645770954	1.074151002	1.095880059	0.003752299	0.027488518
YGL02_GNYA1SO04IUFQA	6.464275301	-1.22854414	0.112475569	0.184924902	-0.07059799	-0.277768783	1.121684099	0.000292733	0.004498967
YGL02_GNYA1SO04I41C6	8.761430277	-1.229198466	-0.236104486	-0.633850191	0.274269313	0.196742512	0.166992177	0.001444706	0.013926328
YGL02.1639.C1	7.372842653	-1.229660561	-0.169858419	-0.845268886	-0.074798722	-0.128792459	0.705072607	5.08E-07	6.50E-05
YGL02.16347.C1	7.747861534	-1.230548308	-0.352335754	-0.401809254	0.289377624	0.411369992	0.928461872	2.12E-06	0.000161528
YGL02_GNYA1SO04JMGNC	7.552457885	-1.230730792	0.020504414	-0.675605741	2.450748859	0.030739371	0.667511419	0.001675279	0.01547065
YGL02_GNYA1SO04JKXUN	6.808640636	-1.230762676	0.152663876	0.090067612	-0.316017021	0.341142648	0.478353537	0.001576496	0.014831298
YGL02.17501.C1	4.082350038	-1.231641092	-1.15034056	-0.858758095	0.162751663	1.319438096	1.181965691	9.25E-05	0.00201271
YGL02_GNYA1SO04JVE8U	8.152249751	-1.232576212	-0.282832838	-0.945175349	0.123361962	0.084795535	0.509235589	1.38E-06	0.000123019
YGL02_GNYA1SO04IJQ1O	11.51677076	-1.232771203	-0.039525394	-0.745529667	-0.349532098	0.172353938	1.015354519	9.15E-06	0.000410349
YGL02_GNYA1SO04IHQQ1	6.159776504	-1.232835486	0.03053677	-0.704929808	1.003742733	-0.00528658	-0.037960309	0.003733454	0.027390749
YGL02.6743.C1	7.524879337	-1.23285286	0.033350138	-0.454238256	0.667806978	0.274867302	0.400176205	4.71E-06	0.000266499
YGL02.5127.C1	5.62801582	-1.232918304	0.129831052	-0.179487083	0.328638722	-0.115691182	0.235859512	1.61E-05	0.000595951
YGL02.7599.C1	6.591392846	-1.233060696	0.204571964	0.585564384	-0.613407996	0.281462174	0.860029571	0.001041522	0.011032707
YGL02.12081.C1	5.087219079	-1.233214638	1.036575563	-0.010912461	0.575576875	0.368312504	0.59107796	0.000155404	0.002876164
YGL02.9888.C1	8.917933835	-1.23335331	-0.212269484	-0.617470363	0.050857891	0.310913196	0.763821054	7.40E-07	8.30E-05
YGL02_GNYA1SO04I7CK6	7.265500687	-1.233399786	-0.185582333	-0.383810823	-0.311640763	0.30422428	0.508019003	0.000242147	0.003925091
YGL02.6821.C1	4.675298982	-1.233673208	-0.821806595	0.038393897	-0.26655574	1.13824776	0.226873703	0.003824929	0.027861153
YGL02.14106.C1	7.753393069	-1.233879843	-0.022829351	-0.557768365	-0.125117482	0.380026648	0.809790441	1.36E-05	0.000527283
YGL02.13757.C1	7.150576283	-1.234004007	-0.661874923	-0.913897727	0.132820411	0.06505552	0.60308311	0.000159661	0.002927755
YGL02_GNYA1SO04ICA42	8.205510361	-1.234574965	0.095016611	-0.82594356	0.269294527	0.098451145	0.573211728	6.43E-06	0.000326168
YGL02.21629.C1	7.442392529	-1.23461909	0.00272512	-0.374347352	1.329740061	-0.109342803	-0.090202607	0.000284461	0.004406943
YGL02_GNYA1SO04I31QK	7.462756735	-1.234840097	-0.087710615	-0.607686865	-0.289072976	0.438393107	0.98445365	4.85E-06	0.000271652
YGL02.21233.C1	7.120464401	-1.234968283	-0.407848586	-0.695096121	0.26788553	0.303285846	1.006254277	0.001206213	0.01223865
YGL02.23428.C1	5.436674383	-1.235253167	-0.643509657	-0.562712996	1.088610733	-0.017871054	0.135038885	0.000925022	0.010150692
YGL02_GNYA1SO04IIUUD	8.034782259	-1.235538851	-0.044880038	-0.046157541	0.006600205	0.326111853	0.762114501	2.22E-06	0.000166098
YGL02.20838.C1	9.331012031	-1.235779204	-0.287839313	-0.628134139	-0.359937175	0.020246873	0.483314774	1.78E-06	0.000144887
YGL02.20518.C1	5.391458701	-1.235806715	0.156568758	-0.765755201	0.974693293	0.001423974	0.745581222	0.000405727	0.005648938
YGL02.7071.C1	9.551142106	-1.23591771	0.048298622	-1.077261287	-0.134096338	-0.314111159	0.378001811	4.99E-07	6.46E-05
YGL02_GNYA1SO04H73J7	7.538124118	-1.236594089	0.149088614	-0.692056962	-0.374855724	0.212432446	0.387709265	0.000101899	0.002151594
YGL02_GNYA1SO04IK2PQ	10.17954175	-1.237754251	0.16275505	-1.103183379	0.027951734	0.523260484	1.065520857	0.001719205	0.015772816
YGL02.8270.C1	7.898278568	-1.238909023	-0.07106821	-0.82805786	0.238987663	-0.087419556	0.681459074	2.07E-05	0.000712582
YGL02.5710.C1	7.665960008	-1.239070547	-0.344654785	-1.046655577	-0.143842824	0.266384712	1.046966989	1.25E-07	2.82E-05
YGL02.5465.C1	4.147366144	-1.239082446	-0.130408814	-1.169028307	-0.03222359	0.089679889	1.203109037	0.000209276	0.003538423
YGL02.23699.C1	8.086396188	-1.239115226	-0.066981106	-0.301091698	0.773882301	0.286257196	0.133865355	0.00076806	0.008899012
YGL02_GNYA1SO04IWNA3	6.277565324	-1.239811088	-0.203007196	-0.520398927	0.554823347	0.666451044	0.316979049	0.000351093	0.005107938
YGL02_GNYA1SO04JPA0Q	6.3145971	-1.240567587	-0.303216819	-0.673698761	0.110910068	0.489803991	0.160177355	0.000842295	0.009491411
YGL02.17059.C1	10.00766652	-1.240589924	0.227683435	-0.48074871	0.25911146	0.067057606	0.741885292	0.000102974	0.002165385
YGL02.6741.C1	5.144441138	-1.240925111	-0.648939484	-0.260235601	-0.357148591	0.540600602	0.236368731	0.003614163	0.02677036
YGL02_GNYA1SO04JOYHE	7.641747458	-1.24102919	-0.159026274	-0.300324511	-0.272449005	0.539102323	0.584028749	2.63E-06	0.000184434
YGL02_GNYA1SO04H9106	10.40986031	-1.241106782	-0.224992879	-1.042079088	-0.223532509	0.312032795	0.711431259	6.77E-05	0.001607837
YGL02.21152.C1	6.562719769	-1.241327026	-0.566355096	-0.923160738	0.192160727	0.043403376	0.563000436	4.62E-05	0.001236833
YGL02.9389.C1	4.686175506	-1.241336856	-0.857456811	-1.477468697	0.485292855	0.500892959	0.797859512	0.006160653	0.039367932
YGL02.11318.C1	7.488018025	-1.24137212	-0.539253807	-0.762231187	-0.169763904	0.29364871	0.409830642	0.000195062	0.003372067
YGL02.30.C9	7.872434671	-1.241563235	-1.262995949	-0.002320062	0.020953278	-0.151252459	0.368404066	0.000411252	0.005701946
YGL02_GNYA1SO04ITEDD	8.160958504	-1.242546157	-0.369514811	-0.93806413	-0.319919598	0.425218126	0.294481024	0.005591732	0.036777751
YGL02.21864.C1	7.416307708	-1.242560812	-0.047871087	-0.945827101	0.161818363	0.357760694	1.033754361	1.54E-05	0.000578593
YGL02_GNYA1SO04I2ZD4	7.19235766	-1.242833116	-0.722614204	-0.557793297	0.360248418	0.163309414	0.663479781	2.21E-05	0.000744451
YGL02_GNYA1SO04H669N	12.51855166	-1.24350487	0.003214906	-0.138440658	-0.464052388	0.231685732	0.510012288	6.06E-07	7.28E-05
YGL02_GNYA1SO04JO1OH	6.594968343	-1.244240943	0.056988511	-0.534521664	-0.103703167	0.468037429	0.994278676	0.000117207	0.002363445
YGL02.5189.C1	4.934478201	-1.244549744	0.167809175	-0.791246245	0.261798789	-0.53156608	0.747242783	0.001209254	0.012262028
YGL02_GNYA1SO04IQJGE	9.136408606	-1.24479892	-0.073534073	-0.738530454	-0.11509261	0.279448789	0.584062972	1.54E-06	0.000132465
YGL02_GNYA1SO04ITOU8	7.288225184	-1.24496019	0.134434649	-0.452436969	-0.776932681	-1.009881756	0.38453669	0.000359655	0.005191671
YGL02.18466.C1	4.310219094	-1.245302051	-0.790352627	-1.408806336	0.234294459	0.678718156	1.187049517	0.003956407	0.028552503
YGL02.22592.C1	5.044685535	-1.245468185	0.20621377	-0.362637835	0.740976606	-0.973716078	0.186650823	0.003273752	0.024954014
YGL02.12486.C1	6.853165667	-1.245611176	-1.119357947	-1.177323486	0.128068483	-0.034999247	0.722630173	0.000123321	0.002454623
YGL02.873.C6	7.07882857	-1.245668691	-0.062818899	-0.269762519	0.74557661	0.25165662	0.223228312	7.17E-05	0.001677269
YGL02_GNYA1SO04JWFSP	7.707169075	-1.245880334	-1.066569546	-1.186143355	0.135003182	0.103986336	0.441790936	0.000222359	0.003697836
YGL02_GNYA1SO04JWYUF	6.489927576	-1.245909473	-0.503092686	-1.327291345	0.197586949	0.83906053	1.560802751	6.96E-05	0.001640954
YGL02_GNYA1SO04IP5SV	9.478677067	-1.246257668	-0.083538555	-0.59765675	0.671914799	0.310900052	0.47919502	0.000512749	0.006639259
YGL02.19961.C1	5.153138336	-1.246433976	-0.003556347	-1.00391956	0.282260003	-0.0808132	0.939855077	9.94E-05	0.002115881
YGL02.882.C1	5.998678455	-1.246670672	-0.082102443	-0.317634152	-0.262822129	1.048712548	1.131732622	0.003223891	0.024679502
YGL02.55.C1	8.372897023	-1.247384578	-0.240437681	-0.57544171	0.102192755	0.377128784	0.875452626	1.03E-07	2.58E-05
YGL02_GNYA1SO04IG87P	5.819645627	-1.247793654	-0.063162124	-0.348965852	-0.702816724	-0.085464969	0.318813433	0.006402247	0.040468443
YGL02_GNYA1SO04JR3L2	7.100061409	-1.247863537	0.77531985	0.446347019	-0.351306758	0.221520728	0.597324054	5.11E-05	0.001320243
YGL02_GNYA1SO04H1KZC	8.400197107	-1.248016262	0.123366534	-0.099423041	-0.086845712	0.1235411	0.517626305	0.001563058	0.014745582
YGL02.13212.C1	8.006234047	-1.248084435	-0.935955448	-0.551227169	0.255786541	0.623003299	0.450470323	4.26E-05	0.001169674
YGL02_GNYA1SO04IHTEK	5.661434144	-1.248332643	1.803369806	1.463980883	-0.012603459	0.192082883	0.891388887	0.000856043	0.009606212
YGL02_GNYA1SO04JMDFN	7.59424354	-1.248689907	3.139068731	2.85688066	0.516146364	1.512700956	1.584580539	0.00021718	0.003636924
YGL02.7181.C1	6.127299312	-1.249071434	-0.088288575	-0.196811726	-0.283485131	0.051552094	0.652239587	0.000247291	0.003981553
YGL02.2.C47	6.683245116	-1.249253765	-0.076908512	-0.554463683	-0.147763936	0.163694476	-0.071855055	3.42E-05	0.001006748
YGL02_GNYA1SO04H2560	6.316470318	-1.250043937	-0.127694942	-0.040942438	-0.06133609	0.414733429	0.501607541	0.000286843	0.004433032
YGL02.776.C1	5.012091056	-1.251259168	-0.278076241	-1.085517362	0.041387198	0.128044449	0.923242098	2.28E-05	0.000760374
YGL02_GNYA1SO04JGE2V	5.13107267	-1.251610025	0.376634552	-1.831608923	-0.50861071	0.264795512	2.52788908	0.004825132	0.033029074
YGL02_GNYA1SO04H8N1Y	5.740076734	-1.252130686	0.01449218	-0.470954373	-0.328890382	-0.197099458	1.482898522	0.001943284	0.017208081
YGL02_GNYA1SO04I8SUM	12.23157349	-1.252200369	-2.460661427	-2.933051586	-0.077867484	0.877873058	1.122399625	6.42E-06	0.000325821

YGL02.12785.C1	5.718518209	-1.252473003	-1.398276321	-1.546539745	0.078936716	0.428463854	0.709212537	0.006270429	0.039863305
YGL02_GNYA1SO04IETHT	10.32596079	-1.252486057	-0.516980689	-0.81279593	-0.011623003	0.295138041	0.29322343	0.00136514	0.013359222
YGL02_GNYA1SO04H85AD	5.099083404	-1.252616199	0.599019086	-0.754306317	-0.445369455	1.024551387	1.066201747	8.95E-05	0.001965415
YGL02.18181.C1	7.527183333	-1.252977934	-0.165802786	-0.853852617	0.075722172	0.685482559	0.238839174	0.000104283	0.00218429
YGL02_GNYA1SO04I66BL	6.677778884	-1.253964401	-0.112580109	-0.412086387	1.010132543	-0.230931188	0.292599759	0.003488235	0.026082269
YGL02.11454.C1	7.366190942	-1.254221532	-0.622550483	-0.775433222	0.05853807	0.539536399	1.437305602	1.88E-07	3.54E-05
YGL02_GNYA1SO04ITGDY	7.231121371	-1.254580383	0.106413326	-0.679509311	-0.042925561	0.323896635	1.17734863	0.000500993	0.006529536
YGL02_GNYA1SO04IIAVE	7.09737154	-1.254668477	-0.368535344	-0.637283212	0.638087093	0.055486278	0.138105511	0.000226718	0.003747363
YGL02_GNYA1SO04H1H6P	6.074849218	-1.254726061	-0.230008522	-1.715751759	1.445467194	-0.054014128	0.297186618	0.00368771	0.027141255
YGL02.23456.C1	6.613368239	-1.254995265	0.167606116	-0.481932962	0.202541498	0.249375246	0.750689258	2.14E-05	0.000726704
YGL02_GNYA1SO04H7CXQ	5.788278103	-1.255065458	-0.505395256	-1.103775278	-0.365178519	1.044979535	0.962132224	0.000403904	0.005631421
YGL02_GNYA1SO04H69MJ	6.793080701	-1.255217993	-0.977224159	-1.760559526	-0.217471429	0.499150193	1.105720501	0.000125408	0.002478635
YGL02.14336.C1	5.289206688	-1.255352424	0.106695907	-0.636983322	-0.387586489	0.072140786	0.582520484	0.002834846	0.022528773
YGL02.10398.C2	6.202756122	-1.256633802	-0.468752793	-0.205854201	-0.61809827	0.842807964	0.19248852	0.000311912	0.004708376
YGL02.15418.C1	8.256102806	-1.256686889	0.116670637	-0.468302264	-0.115797438	-0.065901573	0.089475437	1.65E-05	0.000606693
YGL02_GNYA1SO04I93E3	8.824173419	-1.257128033	-0.72010065	-0.783913375	0.156580101	0.946266953	1.021349879	0.001221257	0.012344866
YGL02.3522.C1	4.224987185	-1.257354418	0.054274431	-0.797052308	-0.011280251	0.236945436	0.891815878	4.22E-05	0.001160551
YGL02.15632.C1	4.263665926	-1.2574296	-0.587518376	-0.124629881	-0.167549162	1.085191219	0.329777469	0.00479172	0.032865455
YGL02_GNYA1SO04JY0VA	6.484145515	-1.257470926	-0.124097203	-0.408036806	-0.197080336	0.266633177	0.701436954	0.000325071	0.004841408
YGL02_GNYA1SO04IZBGP	6.157660864	-1.258200339	0.167956762	-0.119800952	-0.193954815	0.258724905	0.382286867	0.005877523	0.038092511
YGL02.1116.C2	6.756093066	-1.258393422	-0.421052239	-0.731937862	-0.212508708	0.62065701	0.790421945	1.80E-05	0.000644847
YGL02.367.C18	7.337330795	-1.259434914	0.07742651	-0.419282965	1.131095748	0.06596435	0.294260867	0.000229495	0.003779133
YGL02_GNYA1SO04IF27E	7.290915259	-1.259563491	-0.219806363	-0.973853092	0.755008813	0.186448017	0.953809791	4.05E-05	0.001131061
YGL02.22291.C1	6.443262387	-1.259921164	-0.105935321	-0.547422348	1.027546888	-0.013986256	0.098643073	8.81E-05	0.001943802
YGL02.15309.C1	6.472822418	-1.260103477	0.53053337	0.256317875	-0.145440298	-0.029370857	0.23503452	0.000162943	0.002969433
YGL02_GNYA1SO04ITU66	6.509221137	-1.260721057	-0.180962925	-0.260240098	-0.159151281	0.71515035	0.575397125	2.32E-05	0.000768125
YGL02_GNYA1SO04H397E	10.73449381	-1.26074259	0.219766492	0.008747081	0.255680749	0.283626481	0.626103093	6.93E-07	7.99E-05
YGL02.4.C18	8.685291339	-1.261674725	-0.046291944	-0.4026037	0.899218611	0.179688681	0.411116454	0.001128703	0.011672973
YGL02.11376.C1	6.206025263	-1.262090921	0.062712661	-0.64764961	-0.027588543	0.060262625	1.273786191	5.82E-06	0.000306279
YGL02_GNYA1SO04IQVJS	6.536584849	-1.262337541	0.17962683	-0.207758652	0.121877804	-0.133776051	0.438078332	0.00149696	0.014279099
YGL02.3476.C1	5.973433834	-1.262370798	-0.263767727	-1.437316585	0.044057224	0.126665338	1.378535684	2.84E-06	0.000193516
YGL02_GNYA1SO04JORNE	10.44547841	-1.262477493	-0.144046168	-0.129408895	0.214841966	0.069980218	0.41479302	3.02E-05	0.000923658
YGL02.9429.C1	5.750414753	-1.262644154	-0.288603335	-1.025408844	0.759182918	-0.191812294	0.788378487	7.89E-05	0.001795026
YGL02.17979.C1	6.331224389	-1.262798741	-0.589050378	-0.989015013	0.034129329	0.180409146	0.301709062	0.001193071	0.01214051
YGL02.3469.C2	9.328943324	-1.262873425	-0.169562289	-0.696674763	-0.029486237	0.330354276	0.79754263	1.01E-05	0.000437251
YGL02.22399.C1	7.499172151	-1.263101111	-0.243360467	-0.22143118	0.155323377	0.252159499	0.228137412	0.001090269	0.011375996
YGL02_GNYA1SO04JR31A	10.30457809	-1.263273617	-0.147356031	-0.431063212	0.735271981	0.139286281	0.211339387	6.80E-05	0.001613658
YGL02_GNYA1SO04ILRQJ	5.680522018	-1.264254019	0.10828729	0.029090942	0.845254016	-0.074859016	0.422364444	0.006033812	0.038833334
YGL02_GNYA1SO04IPKEL	9.612287189	-1.26467655	-0.042513556	-0.154052	-0.079475491	0.601421293	0.946130246	2.46E-07	4.15E-05
YGL02_GNYA1SO04JIIEW	7.797962316	-1.264753622	-0.383553555	-0.574609072	0.400636786	0.666647889	0.228387345	0.003357089	0.025397468
YGL02.6635.C2	5.645973686	-1.265522653	0.354324189	0.330161762	1.180122003	0.379405617	0.853699884	0.000626077	0.007670142
YGL02_GNYA1SO04IK4SM	5.19004019	-1.265747271	-0.137068311	-0.453746368	-0.470375352	0.626445527	0.563398436	0.000754672	0.008786948
YGL02.23182.C1	5.691912431	-1.266009446	-0.237747895	-1.170781477	0.287045797	0.184715752	0.502373151	2.16E-06	0.000163094
YGL02.17576.C1	7.709513817	-1.266027216	0.185749942	-0.412235117	-0.225862266	0.352040413	0.948978031	0.000255255	0.004072583
YGL02.4235.C1	5.44597153	-1.266577943	-0.052468981	-0.262431222	0.703747795	0.46555249	0.279851369	0.00326263	0.02489268
YGL02.23321.C1	5.2561124	-1.266658282	0.403705844	0.227160444	-0.27338004	-0.215594228	0.873286279	0.002125427	0.018294327
YGL02_GNYA1SO04H9371	8.545169317	-1.266783731	-0.062819991	-0.448538873	0.72843266	0.293913431	0.400371018	0.000190402	0.003314069
YGL02.227.C3	13.28059776	-1.267474659	-0.363055577	-1.312838682	0.090312161	0.21608902	0.843241341	3.42E-08	1.46E-05
YGL02_GNYA1SO04JHHHL	6.341400623	-1.267568664	-0.35273601	-1.62563853	-0.07728301	0.742615316	1.307834878	0.000472853	0.006277779
YGL02.6985.C1	7.245293409	-1.267911826	0.659913401	-0.076674695	-0.1692042	0.155084293	0.376844592	0.000613781	0.0075576
YGL02.9670.C1	4.812413289	-1.268296593	-0.213325378	-0.002175352	-0.201144444	0.126334506	0.270816389	0.00012905	0.002528498
YGL02.3898.C2	5.229144954	-1.268430225	-0.258960544	-0.169170424	-0.256865374	-0.009877271	-0.015616125	0.001661697	0.015380322
YGL02_GNYA1SO04JYRWB	5.302499819	-1.268438777	0.288008561	-0.302998199	-0.641087352	0.464034999	1.756198767	0.00330804	0.025128104
YGL02_GNYA1SO04JDXDB	7.028072924	-1.268961542	-0.871924765	-1.239668964	0.181500961	0.476789839	1.10112934	0.000341857	0.005014702
YGL02.4437.C1	5.338283925	-1.269304952	0.142977729	-0.088130511	-0.368033192	0.548475897	0.350885172	0.008357768	0.048984505
YGL02.11209.C2	9.535356647	-1.269709268	0.03933392	-0.618650665	-0.189659929	-0.052824123	0.296312728	3.96E-06	0.000239678
YGL02_GNYA1SO04JHRVJ	6.617027725	-1.269823315	-0.34885434	-0.401580684	0.95112528	0.274813853	0.212824261	0.000561087	0.007095656
YGL02.10622.C1	6.216218708	-1.270100843	0.193612488	-0.242329215	0.174251176	-0.04567083	0.606507206	0.00212709	0.018306719
YGL02_GNYA1SO04H4YGM	6.875123031	-1.27033626	-0.065340747	-0.192699242	-0.29242426	0.454288843	1.200975395	0.000101765	0.002150512
YGL02.20683.C1	6.799013042	-1.270782741	-0.220403583	-0.985437354	0.003027189	0.183792371	0.893418419	0.002130203	0.01832934
YGL02_GNYA1SO04JBMKY	8.087179514	-1.271095237	-0.172496455	-0.529739571	0.657946902	0.289706993	0.476021153	0.00046637	0.006219759
YGL02.21941.C1	8.155358201	-1.27141729	-0.136413878	-0.517109936	-0.181404619	0.336297089	0.703703768	6.70E-07	7.83E-05
YGL02.13166.C1	9.146735072	-1.271656563	0.11403588	-0.372383197	-0.07249476	0.202908644	0.911192253	8.87E-09	7.48E-06
YGL02_GNYA1SO04IIEYB	4.710269455	-1.271722504	0.400874301	-0.321750963	1.383017813	-0.018224669	1.042085644	9.80E-05	0.002090235
YGL02_GNYA1SO04IED1Z	7.921147565	-1.27177474	-0.407538026	-0.901531488	-0.016146356	0.080624802	0.633692364	6.93E-06	0.000342491
YGL02_GNYA1SO04JZJ62	6.734102541	-1.271790588	-0.564326577	-0.165540031	-0.140923902	0.804706371	0.612856498	1.70E-05	0.000618235
YGL02.262.C2	6.488148437	-1.271827386	-0.069925137	-0.42732722	-0.172048803	0.257249751	0.791579829	0.000235176	0.003845706
YGL02_GNYA1SO04J0SX3	6.753208515	-1.271970326	0.143840341	-0.077217312	-0.694447929	0.029132536	0.939567199	0.002569019	0.020972317
YGL02_GNYA1SO04IVF4M	3.899174368	-1.273051431	-1.212916405	-1.217740942	0.316123878	1.18533688	1.244408932	0.002771703	0.022172565
YGL02.12510.C1	8.216085982	-1.273168388	-0.039464989	-0.473576861	0.289274819	0.256298957	0.72032164	1.11E-07	2.69E-05
YGL02_GNYA1SO04JQBBE	6.981223559	-1.273210043	0.021122838	-0.09148666	-0.224290196	0.703303837	0.583582689	0.002274913	0.019235047
YGL02_GNYA1SO04IEYUA	6.521282893	-1.273406593	0.049753705	-0.456386614	0.826732931	0.356827604	0.522789416	0.000127254	0.002502903
YGL02_GNYA1SO04IOB1L	6.50763476	-1.273425772	-0.191961821	-0.57342368	-0.04918924	0.552816234	0.225275923	0.004964291	0.033729606
YGL02_GNYA1SO04IY1X2	6.300303437	-1.273465755	-0.404462102	-0.976904854	0.123072215	1.003126681	1.179740557	0.000336476	0.004959362
YGL02_GNYA1SO04IQPCK	6.47768261	-1.273512975	-0.315214283	-1.981241856	1.733920295	-0.111208695	0.241974311	0.001296112	0.012870459
YGL02.9728.C1	7.994381263	-1.273889835	-0.345981173	-1.062306365	0.047752995	0.005271928	0.103242079	1.32E-05	0.000518075
YGL02.22144.C1	6.821313185	-1.273986689	-0.187016941	0.068167893	-0.232492561	0.86052487	0.701671039	0.00199627	0.017529847
YGL02_GNYA1SO04JB1SX	5.338478704	-1.273992832	0.738261586	-0.329868156	-0.071731265	0.312961898	0.826616685	0.00080188	0.009170861
YGL02_GNYA1SO04H65PW	5.867012356	-1.274344812	-0.868814309	-0.516598679	0.112841446	1.072744368	0.621750244	0.000470731	0.006256936
YGL02_GNYA1SO04IVSO0	7.87474545	-1.274560286	-0.281939758	-0.803152464	0.356668607	-0.094472603	0.37727824	1.60E-05	0.000592944
YGL02_GNYA1SO04JQRYB	7.679381984	-1.275071437	-0.456968047	-1.10131534	-0.104907903	-0.010996544	0.548676665	0.00104807	0.011079412
YGL02_GNYA1SO04IX9DI	7.015331942	-1.275091214	0.149684019	-0.209974705	1.074330735	-0.016385966	-0.092465471	0.000256809	0.004091562
YGL02_GNYA1SO04H6XLO	6.037101596	-1.275174549	0.075777873	-0.605126252	1.750169612	-0.097054972	0.241866059	0.001477547	0.014148113
YGL02_GNYA1SO04IZ7AY	6.257575669	-1.275349033	-0.102155255	-0.013144443	-0.451928517	0.256641677	0.658451262	0.003459326	0.025928988
YGL02.14159.C1	6.738761337	-1.275595124	-0.31147871	-0.759115432	0.335290292	0.762214133	1.067405317	4.16E-05	0.001151244
YGL02.873.C16	6.72336425	-1.275598658	-0.283061494	0.072657743	0.381349029	0.263667429	0.434952241	8.50E-05	0.001892603
YGL02.7813.C1	6.802970165	-1.275708736	0.136691631	0.002773222	0.804607098	0.253520354	0.070929739	0.001227016	0.01238279
YGL02_GNYA1SO04ITQ37	7.591557077	-1.27587534	-0.256605816	-0.473047694	0.176326995	0.508142882	0.460464712	0.000195654	0.003377341
YGL02_GNYA1SO04IJFVB	5.661874495	-1.275942824	0.649245301	0.326384783	-0.654222306	-0.559985997	0.886187821	0.001271615	0.012692414
YGL02.10610.C1	7.812536411	-1.276250482	0.111221814	-0.58194112	0.130660208	0.262085644	0.283855311	5.41E-07	6.78E-05

YGL02.3954.C1	5.90286622	-1.276268142	-1.069388078	-0.545857112	0.273720112	0.529000755	0.825248886	0.000490121	0.006435769
YGL02_GNYA1SO04H5DCU	12.27225779	-1.276654682	-0.339678996	-0.978680829	-0.077709136	0.324292561	1.020916816	3.59E-08	1.50E-05
YGL02.12923.C1	5.21819284	-1.276913434	-0.145138467	-0.332804396	1.060139863	0.403345037	0.321522266	0.000425507	0.005829328
YGL02.13808.C1	7.880209596	-1.277153097	-0.088206025	-0.711922954	2.314601131	0.057905965	0.659756768	0.001278325	0.012745637
YGL02_GNYA1SO04JO5LH	7.073132517	-1.277268054	-0.184252264	-0.597559831	0.873307212	0.004168378	0.290602515	3.62E-05	0.001051235
YGL02.21096.C1	7.488458514	-1.277472156	-0.488665836	-0.750607064	-0.23180717	0.218686364	0.303528226	4.47E-05	0.001212069
YGL02_GNYA1SO04JSFED	6.330802517	-1.277507552	0.285031424	-0.372550905	0.172271827	0.494720518	0.755214213	3.41E-05	0.001004591
YGL02.8592.C1	7.876818534	-1.278580815	-0.126392001	-1.083296233	-0.146604113	0.376524508	0.837120292	2.27E-05	0.000756067
YGL02_GNYA1SO04JTW37	6.876319506	-1.278718914	0.199878072	-0.285732159	0.158276395	0.333201224	0.777528135	5.21E-05	0.00133755
YGL02_GNYA1SO04H5OMS	6.482001979	-1.278725828	-0.213178958	-0.338358101	-0.210711903	0.78607091	0.809554415	0.001123438	0.011635834
YGL02_GNYA1SO04IV120	6.247479161	-1.279435005	-0.134460564	-0.921858467	0.351414321	0.596784844	0.562111035	0.005148846	0.034620796
YGL02_GNYA1SO04IYW9O	6.305689186	-1.279934521	0.260660558	-0.015033026	0.45642359	0.609152118	0.889856869	0.003906087	0.028280762
YGL02_GNYA1SO04I79QJ	7.019589003	-1.280047412	-0.061383844	-0.820400274	-0.257844735	0.412740887	0.68441563	0.000237209	0.003869253
YGL02_GNYA1SO04I1CHK	6.094394567	-1.280452824	0.128426955	-0.170497696	0.709376771	0.475361121	1.193536044	0.000277947	0.004337073
YGL02_GNYA1SO04IH2OM	7.148878223	-1.280617407	-0.216210103	-0.561921727	0.020169727	0.455497591	1.207713336	1.40E-05	0.000542528
YGL02.12802.C1	7.465296187	-1.281525431	-0.229172584	-0.310681027	1.377740068	0.391497247	0.280461325	7.44E-05	0.001720607
YGL02.15242.C1	8.534186307	-1.281791817	-0.110667772	-0.286702379	1.009646651	0.138045676	0.158920089	8.40E-05	0.001877962
YGL02_GNYA1SO04JVT65	6.415921898	-1.282031613	-0.184939015	0.388876192	-0.61386168	1.015431644	1.051875339	0.000831372	0.009412559
YGL02.16485.C1	10.66184725	-1.282678095	-0.039877699	-0.353315372	-0.191069082	0.493779088	0.963990739	6.13E-07	7.33E-05
YGL02.6499.C1	9.933203137	-1.283346942	0.31398081	-0.635847645	-0.120449536	0.119611326	0.974240643	1.12E-07	2.69E-05
YGL02_GNYA1SO04IBSCM	5.145167497	-1.283832126	0.358416036	-0.084623238	0.955873675	-0.219423331	-0.438233696	0.002182479	0.018666762
YGL02_GNYA1SO04JCPV6	7.950384591	-1.283834583	0.059624382	-0.689097248	0.120881807	0.019043975	0.624803971	6.80E-05	0.001613658
YGL02_GNYA1SO04H84OP	6.069046729	-1.283900143	-0.161834347	-0.526514165	0.003483717	0.161151427	1.226692037	0.001638496	0.015235269
YGL02_GNYA1SO04I9XUD	7.994035745	-1.284239757	0.018678209	-0.325119919	0.814893097	-0.038396826	0.144556303	0.000133059	0.00258682
YGL02.14442.C2	8.51951904	-1.284640456	0.416079312	-0.283467465	-0.027548223	0.594361144	1.049739061	0.004498533	0.031345246
YGL02_GNYA1SO04JQZSX	8.669204794	-1.284737266	-0.233706092	-0.586706957	-0.083398884	0.399285129	0.642115387	2.84E-07	4.56E-05
YGL02_GNYA1SO04IFACQ	6.135727083	-1.285114619	0.183846109	0.696171619	-0.301405007	0.225258929	0.686556711	0.000134188	0.00259941
YGL02_GNYA1SO04JESD2	7.068099188	-1.285191497	-0.410667584	-0.441983475	0.095006696	0.286925989	0.772757391	1.81E-05	0.000645227
YGL02.2760.C3	4.675034438	-1.285210571	-0.28217976	-1.521562353	0.602767617	0.704395285	1.484776608	0.007758336	0.046490135
YGL02.14523.C1	4.786927048	-1.285221572	0.410132689	0.257235507	-0.114496912	-0.511796631	-0.06176901	0.002044811	0.017818729
YGL02.4601.C4	9.163258172	-1.285726758	0.078140648	-0.519144658	-0.040885596	0.161588637	0.299888399	0.000308417	0.004671273
YGL02.16280.C1	8.025727282	-1.28580202	-0.09010099	-0.848230221	0.219964546	0.159881628	0.647309361	4.77E-06	0.000269178
YGL02.535.C1	9.709271182	-1.285870164	-0.454942039	-0.877283981	-0.048896312	0.012399415	0.322514355	1.46E-06	0.000127907
YGL02_GNYA1SO04JRRKC	5.093233121	-1.286071361	0.185612427	-0.323339882	0.889439226	0.362352383	0.418908533	0.004550326	0.031602343
YGL02_GNYA1SO04JF516	6.531516731	-1.286690403	-0.548835618	-0.703909385	0.895142996	0.037890295	0.464228504	0.004124748	0.029460366
YGL02.3395.C1	6.253875831	-1.286977748	-0.063902534	-0.421970218	0.354404394	-0.018257863	-0.320313956	0.000400526	0.005598802
YGL02_GNYA1SO04ID6DZ	6.113188094	-1.28697804	-0.444513565	-0.299972054	0.832501714	0.08221822	-0.040114369	0.000366275	0.005257927
YGL02_GNYA1SO04IERE6	7.182209468	-1.287235945	-1.465510946	-0.761277228	-0.035105252	0.611805338	1.271793766	0.001094578	0.011409124
YGL02_GNYA1SO04INQTM	8.749098595	-1.287547935	0.234339461	-0.081230075	-0.089782975	0.388624496	0.704966902	4.57E-06	0.000261755
YGL02.16978.C1	5.497424699	-1.287638033	-0.242102287	-0.343973882	0.455012256	0.708314072	0.585575883	0.000670577	0.008062979
YGL02_GNYA1SO04IHDCB	4.773924124	-1.28824414	-0.696951173	-1.615590083	0.441096883	0.263168836	1.466295625	0.007547501	0.045580602
YGL02_GNYA1SO04IQGE4	5.617355602	-1.288740082	-0.751426744	-0.870197033	0.14834846	0.402773289	1.68581193	0.001495393	0.014269404
YGL02.17014.C1	6.378066817	-1.289491457	0.138151274	0.166610977	-0.047033571	0.082709543	-0.194037561	3.65E-05	0.001056708
YGL02_GNYA1SO04JDAUP	8.981995221	-1.289500413	-0.067691114	-0.420176774	0.912660036	0.209184504	0.47470786	0.000297845	0.00455268
YGL02_GNYA1SO04I0IIR	10.13473049	-1.290000891	-0.064428002	-0.864467233	-0.058464321	0.202601107	0.981879938	5.39E-06	0.000291662
YGL02_GNYA1SO04I2P2S	6.698452705	-1.290610226	0.227733783	0.015475153	-0.117580036	0.177812117	0.703366764	0.008536967	0.049724222
YGL02_GNYA1SO04IH6AT	6.793737213	-1.291154637	-0.513953281	-1.215021156	0.383491839	0.34146025	1.343445532	2.98E-05	0.000916299
YGL02.5859.C1	6.907348707	-1.29142315	0.03410149	-1.019529515	-0.201390627	-0.178102417	0.162685786	3.57E-06	0.000224403
YGL02.10610.C3	7.306149758	-1.291430157	0.24177543	-0.644758785	0.188196094	0.34320491	0.114714414	1.24E-06	0.000115925
YGL02.10061.C1	5.34703275	-1.292112892	0.511463861	-0.107612755	-0.314181716	0.094903851	0.840935064	0.00010959	0.0022627
YGL02_GNYA1SO04IIWVK	4.496083592	-1.292309491	-0.300272704	-1.502098273	0.346938047	0.503833305	1.179382691	0.007496766	0.04537366
YGL02.608.C4	9.275101963	-1.292311513	-0.189467043	-1.190778442	-0.468560367	0.143453622	0.589884383	3.39E-06	0.000216442
YGL02_GNYA1SO04JXP90	6.151731045	-1.292431976	-0.406640764	-0.537404818	-0.369921689	1.343511215	1.368180693	0.001500299	0.014304629
YGL02.6270.C2	5.408421277	-1.292635122	-0.119591114	-0.670539331	0.258384584	0.844920734	1.353002166	0.007366414	0.044796177
YGL02.22996.C1	4.355585527	-1.293092214	-0.73977049	-0.935097364	0.659207976	0.445847159	0.70413332	0.002193955	0.018738452
YGL02.18714.C1	6.952138496	-1.293122983	0.027008792	-0.755203323	0.372111581	0.108442252	0.758509255	3.59E-07	5.26E-05
YGL02_GNYA1SO04IQN56	8.401025347	-1.293134032	-0.291651959	-0.641254846	0.621539661	0.427377891	0.973357726	5.27E-06	0.000287379
YGL02_GNYA1SO04JOXPX	6.693164683	-1.293445443	0.074490883	-0.038296696	-0.34132589	0.275095161	0.578485786	0.000837591	0.009458168
YGL02_GNYA1SO04H1RA7	8.104102423	-1.293632275	-0.0557710451	-0.599182457	-0.171717545	0.463236318	0.874220662	1.70E-07	3.33E-05
YGL02.12925.C1	4.887135643	-1.294622162	-0.772871153	-1.58214492	-0.27887102	1.627210842	2.112938087	0.006395248	0.04043802
YGL02.6375.C1	7.652756498	-1.294725046	-0.126907908	-1.097943452	-0.064124271	0.141763699	0.602297089	0.007813757	0.046756824
YGL02_GNYA1SO04IAI0G	4.962937897	-1.294813124	-0.22793341	-0.952823378	0.775768768	0.496484414	0.831678321	0.000292932	0.004499888
YGL02.17803.C1	4.435129631	-1.294826297	-0.516615973	-1.384230009	0.288664315	0.434673836	1.304775737	0.000368498	0.005279303
YGL02.768.C2	8.164209464	-1.2949756	0.404055706	-0.110027839	-0.058446485	0.351245732	0.834488734	1.41E-06	0.000125482
YGL02.19215.C1	8.667122283	-1.295128045	-0.395520675	-0.996013757	0.028732874	0.218454446	0.652670925	4.15E-08	1.61E-05
YGL02_GNYA1SO04IZOQT	7.859979182	-1.295554387	-0.10805962	-0.223434443	0.535346055	-0.191114581	0.022143955	2.94E-05	0.000906741
YGL02_GNYA1SO04I3OCK	9.574022538	-1.295784726	-0.362744125	-1.089697514	0.206528712	0.180252936	0.403337201	3.24E-07	4.96E-05
YGL02.12626.C1	6.168903668	-1.296493711	-0.118713782	-0.106900546	-0.165727046	0.039492309	0.555506754	0.000100025	0.002125533
YGL02.21334.C1	8.620350567	-1.29651981	-0.161721871	-0.462758215	0.895432427	0.219237925	0.190643936	0.000416131	0.00574806
YGL02_GNYA1SO04JBQQ4	4.068377261	-1.296579867	0.253884661	-0.527979856	0.707962826	0.445384254	0.623222191	0.006522718	0.040993825
YGL02_GNYA1SO04JR4VL	8.077076971	-1.296892111	-0.143193021	-0.77390005	0.122807348	0.433619467	0.740542868	1.67E-05	0.000611433
YGL02_GNYA1SO04JJ6KO	5.656549772	-1.296971319	-1.385605215	-0.378680799	-0.186130756	1.254360854	1.08632656	0.006398252	0.040451089
YGL02_GNYA1SO04JF54Z	8.315708393	-1.29732247	-0.047878568	-0.640644777	0.691909343	0.202529784	0.572086057	0.001165832	0.011944038
YGL02_GNYA1SO04JS209	6.092643908	-1.29736888	0.400362024	-0.39435377	-0.299700089	0.489228849	0.982523786	0.002013093	0.017632713
YGL02_GNYA1SO04IUT4Q	4.758305546	-1.297895461	-0.268332355	-0.997841028	0.185764438	1.043777508	1.840843707	0.003781761	0.02764336
YGL02.18964.C1	4.905598805	-1.297924169	-0.310036752	-0.909862916	0.513857001	0.834465858	0.28690666	0.001130737	0.011683398
YGL02.2612.C1	9.355022604	-1.298504424	0.314780631	-0.224946264	0.259249636	0.380904218	0.508637838	1.13E-07	2.71E-05
YGL02_GNYA1SO04JRGU8	7.235538449	-1.298628075	-0.063258273	-1.205298556	-0.053642	-0.059577434	0.429230204	0.001683991	0.015534485
YGL02.8813.C1	5.656785856	-1.299418505	-0.005024412	-0.180913854	0.694901135	-0.023681104	0.087361765	0.000213683	0.003594164
YGL02.1510.C1	6.32484854	-1.299737255	0.113464144	-0.261214111	1.481315455	0.23267138	0.424296748	0.000434698	0.005915557
YGL02.8288.C1	7.930954693	-1.300163176	0.060328546	0.028721951	-0.122903956	0.259599005	0.790286533	1.52E-06	0.000131229
YGL02.6796.C2	6.57688542	-1.300500375	-0.03216937	-0.629540842	1.541001036	0.063491929	0.564301891	0.001842985	0.016570333
YGL02.7288.C1	4.82772577	-1.300850928	-0.466469674	0.390277721	0.119744846	0.241225643	0.517397039	0.000338353	0.00497796
YGL02_GNYA1SO04I9SVB	4.540954256	-1.300863016	-0.314302154	-0.026472492	1.36150933	-0.05193244	0.021062504	0.002827395	0.022495433
YGL02_GNYA1SO04I2PHX	6.768148848	-1.3009542	-0.202518789	-0.825252981	0.075345483	-0.069832428	1.341353838	5.00E-07	6.46E-05
YGL02.18826.C1	7.669007081	-1.301038319	-0.200148375	-0.9295839	0.24676099	0.101014711	0.188543188	6.61E-07	7.75E-05
YGL02_GNYA1SO04IO6EY	8.692471538	-1.301367251	-0.313724852	-0.764136672	-0.114462017	0.198521882	0.781586607	5.93E-06	0.000309951
YGL02.6528.C1	3.839240628	-1.301578507	-0.425245307	-0.717979945	0.419478077	0.592113194	0.839510104	0.004446453	0.031084598
YGL02_GNYA1SO04HZ70H	6.969002642	-1.30241418	-0.341302607	-0.747020197	-0.28101886	0.209093513	0.460946718	0.00167008	0.015438053
YGL02.18272.C1	4.392820396	-1.302573857	0.113193838	-0.423888117	0.279829028	-0.167824877	0.256468961	5.87E-05	0.001455945

YGL02.1758.C1	5.931319903	-1.302806193	-0.78271065	-0.982735243	0.110904074	0.478577396	0.831837473	9.74E-05	0.002084278
YGL02.1563.C1	7.190730556	-1.304125658	-0.222156493	-0.842806403	0.057393907	0.250744034	1.18346005	0.000460725	0.006166709
YGL02_GNYA1SO04I1SCS	7.290350291	-1.304194422	-0.462248454	-1.231802345	0.485924055	-0.03687698	0.881494336	0.000151684	0.002827517
YGL02.19354.C1	6.198641034	-1.304323597	-0.378030327	-0.467138967	0.47164543	0.468058074	0.432349987	0.000360378	0.005196724
YGL02_GNYA1SO04JNW9N	4.425850291	-1.304718282	-1.038564135	-1.111021137	-0.364181265	1.102128836	1.361791431	1.53E-05	0.000574831
YGL02.781.C1	7.958036134	-1.305349841	-0.080817943	-0.406426724	0.338911948	0.297657649	0.491694047	1.83E-05	0.000652065
YGL02_GNYA1SO04IXNVE	5.340830067	-1.305583601	-0.160033492	-0.892833417	0.04780071	0.333359603	1.209070329	0.000829306	0.009395746
YGL02_GNYA1SO04IE2U1	10.249058	-1.305840959	-0.058362061	-0.539903485	-0.129557145	0.374904498	1.280503666	7.42E-06	0.000358344
YGL02.7406.C1	3.88482952	-1.305856544	0.731710443	-0.213044788	0.531948624	0.361810331	1.362208718	0.000456156	0.00612122
YGL02.15482.C1	4.449211693	-1.306777975	-0.899100906	-1.257264707	-0.053923064	0.792257179	1.38164039	0.001057833	0.01115201
YGL02_GNYA1SO04IKNI9	3.918423333	-1.306869344	-0.388636618	-0.360937415	0.808451596	0.382168498	0.424773961	0.003713068	0.027276731
YGL02_GNYA1SO04IS613	4.758348141	-1.307864005	-0.520957763	-0.476990338	0.880939555	0.511318426	-0.050899549	0.002867443	0.022705795
YGL02.13252.C1	4.336610662	-1.307930765	-1.52082714	-1.590149247	0.118765637	1.280961519	1.607152467	2.63E-05	0.00083856
YGL02.412.C1	7.682486917	-1.309165278	-0.094661006	-0.466130555	0.36028927	0.43545355	0.747089999	4.58E-05	0.001230677
YGL02.1399.C1	6.582777763	-1.309556774	-1.742242908	-1.608844704	0.052499449	-0.00992696	0.591818296	0.000229389	0.003777865
YGL02.17777.C1	6.67011753	-1.310146702	-0.907849207	-0.3382028	-0.806401444	0.578778489	0.794689943	9.57E-05	0.002060897
YGL02.7610.C1	7.796261262	-1.310175387	-0.533613255	-0.752789149	0.154093976	0.178954078	0.671755694	3.31E-07	4.98E-05
YGL02.19488.C1	6.067640396	-1.310252751	0.083027591	0.035812616	-0.258154246	0.417461344	0.627469311	4.64E-05	0.001239182
YGL02.12328.C1	6.691898641	-1.310648707	-0.360013577	-0.869641322	-0.018028996	0.396911598	0.67459624	3.24E-06	0.000210202
YGL02_GNYA1SO04IT9N9	3.911332239	-1.311096593	-1.098457981	-1.266613631	0.339473247	1.249459117	1.324180382	0.001283793	0.012781454
YGL02_GNYA1SO04JNFAD	5.73875367	-1.311176722	-0.331252928	-1.519343333	1.773939615	-0.230228065	-0.082980437	0.001543849	0.014615009
YGL02.4064.C1	3.971889164	-1.311286431	0.283642293	0.00490154	0.283619791	-0.126037382	0.213387417	0.000570539	0.007177908
YGL02_GNYA1SO04JVZLK	6.858768163	-1.311623744	-0.222413407	-0.328706512	-0.119090302	0.047470093	1.386739164	0.00040247	0.005618686
YGL02.22267.C1	4.698339041	-1.312779375	-0.363133779	-0.886911212	0.014519482	0.232071543	1.168886953	3.01E-05	0.000923592
YGL02.13895.C1	4.00202796	-1.313361663	-1.248633709	-1.198192789	0.282954206	1.299641681	1.227610353	0.001342884	0.013204296
YGL02_GNYA1SO04H2UEC	8.241449812	-1.314410816	-0.12493975	-0.656338591	0.373261812	0.380631784	0.599636361	3.53E-05	0.001031353
YGL02_GNYA1SO04H3S1G	5.541711167	-1.314425978	-0.8913331	-0.172761673	1.096584175	1.002337286	0.305901288	0.005919136	0.038291297
YGL02_GNYA1SO04IJSSJ	5.801445136	-1.314528978	-0.838208917	-0.798970033	0.119164247	-0.01931747	0.903246517	0.000518244	0.006691743
YGL02.8619.C3	4.784617762	-1.314931545	0.022760246	-0.437577414	0.013436238	-0.007884099	0.284489335	0.003426372	0.025744573
YGL02_GNYA1SO04H4M54	7.26960695	-1.315243036	0.865901066	-0.670294565	-0.294577813	0.34538072	0.968302276	0.001351293	0.013258786
YGL02.5676.C5	4.04480474	-1.315404075	-0.668677383	0.567612105	0.459226098	0.722937542	0.110075346	0.006039483	0.038858246
YGL02_GNYA1SO04JYA0Z	8.443930244	-1.315489556	0.223950348	-0.542175929	0.117546285	0.146746514	0.773741638	1.84E-07	3.50E-05
YGL02.3636.C1	8.632357501	-1.316236698	-0.107995973	-0.460870677	-0.215594332	0.517998665	1.142427526	1.50E-06	0.000130187
YGL02.8782.C1	4.472847135	-1.316466131	0.296754517	-0.302282208	1.327584799	0.271319072	0.099959885	0.000929464	0.010183903
YGL02.10364.C2	4.509096757	-1.316688734	-0.115562377	-0.814458863	0.605196954	0.843775235	0.982164892	0.001373907	0.013415617
YGL02_GNYA1SO04JD4GG	6.094578295	-1.317573762	0.002178051	0.005291227	0.132285207	-0.891219511	0.308600492	0.000519732	0.006706181
YGL02.20198.C1	9.638385519	-1.318049724	-0.212012441	-0.474616547	0.664268096	0.149634189	0.201827197	4.18E-05	0.001154466
YGL02.22160.C1	4.504583861	-1.318177227	-0.171715563	-0.182994607	0.712421753	0.311282629	-0.037693447	0.000246953	0.003977951
YGL02.1841.C1	8.740088714	-1.318660041	-0.174963246	-1.006733423	-0.210933055	0.178338186	0.850605841	1.52E-07	3.11E-05
YGL02.10035.C1	9.455470917	-1.319270604	-0.099613516	-1.008404323	-0.030575179	-0.168080999	0.161184756	6.37E-08	2.06E-05
YGL02.6934.C1	8.585215612	-1.319810451	0.341484955	-0.212076045	-0.152711016	-0.130150297	0.509422009	2.95E-09	5.09E-06
YGL02_GNYA1SO04JV2RZ	7.653540295	-1.319968556	0.173388603	-0.428944697	0.909933457	0.323242616	0.302576385	0.001146312	0.011808929
YGL02.4157.C4	7.89134953	-1.320204922	0.115198874	-0.700653339	-0.083262587	0.301055858	1.128044981	9.97E-07	0.000100474
YGL02.21866.C1	7.055801456	-1.320256366	0.167572324	-0.610670719	-0.292438421	-0.060065544	0.941298713	1.07E-05	0.000452805
YGL02.20304.C1	7.48610574	-1.320344434	0.734399213	-0.75416504	-0.263250125	0.437262082	0.905051932	0.000284538	0.004407536
YGL02.20120.C1	9.902826516	-1.320615527	-0.263123637	-0.902160078	0.105304525	0.318850118	0.397342573	2.65E-06	0.00018532
YGL02.3091.C1	6.335846709	-1.32069811	0.209609466	0.236679766	0.274071606	0.032665586	0.580332119	1.09E-05	0.000459251
YGL02.17364.C1	9.57897471	-1.321115972	0.294076432	-0.735966774	-0.17341764	-0.035577674	0.289328555	3.71E-08	1.53E-05
YGL02.1332.C1	5.801578849	-1.321241923	-0.019306243	-0.352195613	0.108069935	0.216013187	0.851195929	0.000663875	0.008000967
YGL02_GNYA1SO04IF9A6	5.13025851	-1.322299959	0.098645276	-0.932818901	0.99631312	-0.174225894	1.157557287	0.006312511	0.040049796
YGL02_GNYA1SO04IA0DT	7.352488482	-1.322358814	-0.216525668	-1.382983888	1.550893248	0.09362536	-0.064407929	0.003484971	0.026065387
YGL02_GNYA1SO04JRG5Q	5.196501941	-1.322400128	-0.009684331	-0.576325683	0.458973134	0.015173713	1.224051243	0.001652203	0.015316533
YGL02.2104.C2	6.610018304	-1.323094888	-2.334146831	-0.942359638	0.169568623	0.072987038	1.234292982	0.000227041	0.003749933
YGL02.16935.C1	5.358916561	-1.323127496	1.352398529	0.153745227	0.318612758	0.230889897	0.386610004	0.000152935	0.002841435
YGL02.8208.C1	5.519258179	-1.32370755	0.118452509	-0.03896622	0.375847626	0.580376219	0.654663802	0.000655659	0.007932148
YGL02_GNYA1SO04I6U9L	8.677986779	-1.323873683	-0.028564337	-0.720910929	-0.364591241	0.368598093	1.010444798	1.32E-06	0.000119972
YGL02_GNYA1SO04IWU1Z	4.918040916	-1.323959658	-0.289535291	-1.383687684	-0.002642392	0.128184178	0.975098364	0.000594484	0.00738672
YGL02.8707.C1	9.69984266	-1.324662438	-0.180305735	-0.663046132	-0.359451024	0.360433677	0.66140413	1.60E-05	0.000594107
YGL02.82.C16	6.206984392	-1.324774548	0.145221764	1.032080574	-0.21215731	0.119821343	0.825325446	1.67E-06	0.000139853
YGL02.8996.C1	8.562576651	-1.324906239	-0.049116119	-0.927128143	0.067083586	0.175935761	0.32315375	7.00E-09	7.03E-06
YGL02.10559.C1	9.140499162	-1.324934185	0.134808069	-0.298602592	0.807117537	0.233743819	0.333463305	0.000325292	0.004842468
YGL02_GNYA1SO04JUQ5M	5.058851001	-1.325277076	0.245537649	-0.108106036	0.623735031	0.279961669	0.257479821	0.003037787	0.023650993
YGL02.3015.C1	6.174426257	-1.325555371	0.870663205	-0.386310872	-0.875376503	-0.202618352	1.006088928	0.001982755	0.017452589
YGL02.2.C35	8.015215848	-1.325766132	-0.021929732	-0.308197225	0.113216789	0.623889417	1.064807204	2.74E-07	4.44E-05
YGL02.4576.C2	4.482830598	-1.325923504	-1.532919986	-1.063327557	0.309517135	1.543747532	1.290794622	0.005062293	0.034202319
YGL02.18072.C1	6.082801468	-1.325933424	0.154902852	0.003860523	0.249467917	0.221039098	0.385849774	5.34E-05	0.001361689
YGL02.9874.C1	6.308071143	-1.326309862	0.581634455	-0.205318151	-0.056201911	0.015575761	0.5501134	0.003066041	0.023815762
YGL02_GNYA1SO04JRDA7	5.528702341	-1.326509009	0.29462568	-0.442666575	0.049405341	0.141653673	0.477254657	0.003146242	0.024256218
YGL02_GNYA1SO04ILNAH	6.102791869	-1.326752459	0.313602673	-0.121649496	0.564380927	-0.146424887	-0.00588327	0.001671816	0.015447334
YGL02.15409.C1	4.648567948	-1.327007753	0.476915856	-1.168848025	1.170813833	0.668094929	1.007051194	2.26E-05	0.000755123
YGL02.19590.C1	7.318702996	-1.327543589	0.056787577	-0.29623604	0.494709535	0.395068222	0.714185826	4.93E-06	0.000275052
YGL02.5474.C1	4.427237431	-1.327722601	-1.46593382	-0.633441846	0.106265303	1.16046977	0.49287252	0.000564169	0.007124193
YGL02.13380.C1	5.893391619	-1.327856911	0.655265427	0.281178478	0.058128815	0.100785463	0.713888385	3.06E-05	0.000933603
YGL02.548.C1	10.49501646	-1.328944638	0.170371168	-0.479942962	-0.278510119	0.181715066	0.99556264	5.50E-07	6.85E-05
YGL02_GNYA1SO04ITQLR	6.175524503	-1.328952585	0.191664143	-0.409127394	0.795974684	0.5838122	0.358607043	0.004448836	0.031095941
YGL02.3101.C1	7.543615014	-1.329189246	-0.117508891	-0.414801422	0.902270464	0.191410213	0.274763918	8.32E-06	0.000386445
YGL02_GNYA1SO04I1BN3	6.038878956	-1.329534364	-0.064101979	-0.71841986	1.24266779	0.160624958	0.929367037	0.00013097	0.002556955
YGL02_GNYA1SO04I0UF9	9.595169442	-1.330205283	-0.049436897	-0.8052734	0.13615167	0.095411459	0.929707075	2.59E-05	0.000829672
YGL02.20860.C1	6.905261238	-1.330335211	-0.44891659	-0.872365894	0.355029405	0.098829214	0.176672745	0.000425731	0.00583091
YGL02.14956.C1	6.101756729	-1.330368327	0.26324196	0.550729922	-0.144575572	0.452286487	0.262284728	0.000320204	0.004789303
YGL02.10706.C1	8.592973863	-1.331367464	-0.252209962	-0.422835265	0.313077804	0.302720505	0.666307002	2.46E-07	4.15E-05
YGL02.1458.C15	4.775376532	-1.332447205	0.100984881	-0.183651189	1.12695387	0.357465104	0.812089122	1.64E-05	0.000602889
YGL02_GNYA1SO04JSLAN	8.879222175	-1.332492463	0.128890138	-0.444699999	0.079896509	0.130962479	1.042570101	1.29E-07	2.86E-05
YGL02_GNYA1SO04IOJC7	7.561919075	-1.33277851	-0.024727048	-0.641875509	1.062806282	0.096885017	0.388053743	1.49E-05	0.000565974
YGL02_GNYA1SO04I2X1R	5.37249953	-1.33320604	-0.018746497	-0.711790854	1.276513397	0.350748524	0.945182548	4.62E-05	0.001237013
YGL02_GNYA1SO04JT7V0	5.174373014	-1.333486692	-0.728686821	-0.434104113	0.84792504	1.296183419	0.651599237	0.000598413	0.007419168
YGL02.16511.C1	5.949115906	-1.333780281	-0.312634302	-0.489902445	0.299660877	0.320245601	0.500474911	0.000530232	0.006806493
YGL02_GNYA1SO04IKJ9I	7.233143443	-1.333800505	-0.929802064	-1.085152111	-0.676382832	1.21731658	1.537127608	0.001568686	0.014776075
YGL02.4231.C2	4.332857981	-1.334608143	-0.647673879	-0.912707532	-0.013722739	0.653864804	1.068675434	0.000835919	0.009446256
YGL02.4388.C2	5.684049401	-1.335075085	-0.052343017	-0.456692414	-0.480915996	0.860488727	1.396150265	0.001245383	0.012512013

YGL02.890.C1	9.99768284	-1.336003509	-0.602214213	-1.463768509	-0.013739406	-0.266976675	0.434215506	9.88E-10	3.26E-06
YGL02_GNYA1SO04JY6CW	5.916118224	-1.336158788	-0.141841961	-0.485323431	-0.4157713	0.656219932	0.619437678	0.000448148	0.006045604
YGL02_GNYA1SO04JDK3F	4.117180123	-1.336319973	0.030920661	-0.359854426	0.100772495	-0.002069169	0.367569209	0.003413913	0.025683742
YGL02_GNYA1SO04IA92P	4.79480326	-1.336571623	-1.075638229	-0.926939435	-0.153077871	0.526160299	0.868550632	0.002376671	0.019846127
YGL02_GNYA1SO04JXA7E	6.71837369	-1.33666949	-0.159415576	-0.181716932	-0.598632386	-0.100065634	0.988755488	0.001008039	0.010769644
YGL02_GNYA1SO04H9ELT	6.201503739	-1.336992435	-0.677789101	-0.264888753	-0.461153999	0.796234171	0.621768954	0.002806941	0.022374291
YGL02.606.C1	7.416788875	-1.337365524	-0.183835647	-0.705805718	0.007211844	0.004276867	0.962317255	4.09E-07	5.71E-05
YGL02_GNYA1SO04IMMMG	6.053003601	-1.338308529	-1.00594721	-2.439650351	-0.479058779	0.673909333	1.429647233	0.000529821	0.006801927
YGL02.4279.C1	7.561274472	-1.33865679	-0.60926487	-0.419242084	0.217565884	0.295528863	0.755209937	4.01E-05	0.001122913
YGL02.22337.C1	5.716547633	-1.340968183	-0.210946491	-0.530757032	1.507040738	0.316266682	0.702663791	0.000773793	0.00893885
YGL02_GNYA1SO04IK2FK	5.279515607	-1.341083479	-0.324984585	-1.659967791	-0.28060112	0.307425843	1.421084068	0.006301215	0.039999683
YGL02_GNYA1SO04JMFNA	6.621213788	-1.34140631	0.355384654	-1.063865822	-0.04400302	-0.040023945	1.282348263	0.002565169	0.020948712
YGL02.20324.C1	5.681282207	-1.341431219	0.495392364	0.190939471	-0.506604651	0.68352169	0.859518399	0.000225428	0.003733995
YGL02.13612.C1	3.650755324	-1.34145818	0.454208291	-0.052109423	1.077713405	-0.004309282	0.757995692	0.000269838	0.004242766
YGL02.20796.C1	6.209963093	-1.341514815	-1.053112111	-0.962392508	0.116375203	1.064642455	0.884697134	0.001266253	0.012659379
YGL02.4643.C1	6.38854091	-1.342746962	-0.390573002	-1.011847359	-0.114450581	1.131347977	1.107007747	0.000296333	0.004535988
YGL02.23030.C1	4.473696703	-1.343598654	0.072732512	-0.315395148	-0.044220955	0.717162735	0.675927084	0.00028873	0.004454898
YGL02_GNYA1SO04I1FO6	8.665233842	-1.343623565	-0.249007183	-1.232570146	0.454923673	0.333823038	1.386348662	3.14E-06	0.000205863
YGL02_GNYA1SO04I6UCD	7.808835425	-1.343774158	-0.093616999	-0.530032537	0.801447858	0.568811319	0.406142728	0.000549424	0.006989119
YGL02.11120.C2	7.946790379	-1.344286862	0.610372409	0.20627559	-1.032741047	-0.222859887	0.623260673	2.61E-06	0.000183581
YGL02_GNYA1SO04IC6FI	7.646357091	-1.344363619	0.000180988	-0.387920572	1.288187102	0.286949252	0.225594384	1.18E-05	0.000482589
YGL02_GNYA1SO04H9E5S	8.209829906	-1.345017574	0.074687915	-0.378356361	0.904869592	0.02581387	0.48400379	0.000493969	0.006466692
YGL02_GNYA1SO04JL7D5	6.173005004	-1.34597462	-0.081095474	-0.737492231	0.363870957	0.610114237	1.436410541	2.51E-05	0.000811608
YGL02.13063.C1	5.345059365	-1.346962458	-0.330946759	-1.138944118	-0.367531849	0.964456552	2.202764684	0.003125989	0.024140302
YGL02.15736.C1	6.356713305	-1.348134837	-0.054465329	-0.412907574	1.08327265	0.324004751	0.518680285	0.000363556	0.00522991
YGL02.20178.C1	4.803816687	-1.348450435	-0.196463447	-1.015138385	-0.084901371	0.322078283	1.025514488	0.002321838	0.019514078
YGL02.6383.C1	11.73177857	-1.348675715	-0.379710689	-0.802707992	0.20836434	0.61427344	1.336779409	1.54E-07	3.14E-05
YGL02.16981.C1	8.01473143	-1.349200434	-0.110220347	-0.45694153	0.035451259	0.365643049	0.733738118	4.81E-07	6.30E-05
YGL02_GNYA1SO04I058X	5.34916298	-1.349250219	0.280248051	-0.131875754	-0.432875902	0.618093442	0.994489674	0.004246727	0.030066254
YGL02.6724.C1	5.906692959	-1.350268803	-0.394834509	-1.178916837	-0.088498682	0.239683509	0.971725944	0.00029078	0.004475701
YGL02.20233.C1	4.100013963	-1.351005131	0.192541601	-0.613898996	0.418535524	-0.339438083	0.578406407	0.003288213	0.025022347
YGL02_GNYA1SO04JCCTR	8.848989292	-1.351321773	-0.203309884	-0.45316423	0.982584215	0.177338473	0.26761664	3.57E-06	0.000224278
YGL02.6420.C1	6.177317204	-1.351557243	-0.520920901	-0.577719187	0.633099317	0.040328781	0.615716428	0.003445354	0.025856757
YGL02_GNYA1SO04IONFG	7.957475025	-1.351647787	-0.005576062	-0.562902076	0.181023053	0.136562822	0.510347742	0.000446397	0.006029767
YGL02_GNYA1SO04IQI1Z	5.052117772	-1.352024365	-0.13121668	-0.14627077	1.298060743	0.392544685	0.759444895	0.000152809	0.002840301
YGL02.18792.C1	9.212654296	-1.352289464	-0.095918003	-0.458751372	0.862339858	0.074009422	0.277281796	8.01E-06	0.000376572
YGL02.9353.C1	8.426096576	-1.352412089	-0.380390184	-1.257378362	-0.049834778	0.417093445	1.23289621	1.61E-06	0.000136037
YGL02_GNYA1SO04H7TEI	7.316806661	-1.352866596	-0.183126909	-0.601673945	1.686222683	0.241062471	1.165258136	0.002916286	0.022970275
YGL02.10955.C1	6.279830177	-1.353048686	-0.009498697	0.180749775	-0.090382463	0.423324378	0.013572388	2.24E-05	0.00075042
YGL02_GNYA1SO04IO36I	7.535646581	-1.353199081	0.119352725	-0.395914544	0.849154255	-0.013041212	0.462098795	0.000180014	0.003180713
YGL02_GNYA1SO04JVBBX	7.1243172	-1.35367903	0.042535347	-0.830874958	-0.058527096	0.188517037	1.042762562	2.60E-06	0.000183042
YGL02_GNYA1SO04IJ969	4.330143073	-1.35416171	0.743770931	0.11387853	0.440578282	-0.523559408	-0.402133216	0.000262936	0.004165147
YGL02_GNYA1SO04ITLQT	8.683918766	-1.354206747	-0.482356139	-1.198810598	0.070632281	-0.470654486	0.320753747	4.58E-05	0.001230581
YGL02.5856.C2	7.130622663	-1.354239413	0.2288104	-0.431165755	0.282254269	0.254313893	0.63425796	0.001170574	0.011980724
YGL02.10401.C1	6.137592558	-1.354955345	-1.074704719	-0.617176892	-0.486459791	0.771218819	0.918345079	0.008271648	0.048616183
YGL02.19517.C1	5.835692826	-1.355328081	0.251168008	-0.174733785	-0.115390134	-0.615643894	1.219302436	0.004624537	0.031990785
YGL02_GNYA1SO04JCQAJ	7.738420727	-1.356036569	-0.20662499	-0.236273131	-0.128635466	0.143055036	0.701346898	4.63E-06	0.000263914
YGL02_GNYA1SO04JLRTD	4.167373707	-1.356126857	-0.94783321	-1.50865046	0.24060737	0.904070379	1.862903963	0.005338834	0.035564164
YGL02_GNYA1SO04IDLMZ	6.571456231	-1.356353619	-0.292003443	-0.599569979	0.579658471	0.627631479	0.373115935	0.000356886	0.005163788
YGL02.10922.C1	7.395588128	-1.35645561	0.075012678	-0.621979134	2.497015719	0.213555577	0.736425851	0.002477657	0.020454623
YGL02.2367.C1	6.507277147	-1.356784226	0.035124734	-0.229554322	-0.188101557	0.209116236	0.128956826	7.28E-05	0.001695802
YGL02_GNYA1SO04JCKQ2	4.539150085	-1.35721945	-0.73456947	-1.336367816	0.737989079	0.633404713	1.507285193	0.006486421	0.040833085
YGL02_GNYA1SO04IUKKT	5.227500872	-1.357548504	0.027555075	0.098106704	-0.760415632	0.777964067	0.261129691	0.007986528	0.047446462
YGL02_GNYA1SO04JPQI8	6.722970999	-1.357946188	0.128686872	-0.187984143	0.17702593	0.606824129	0.244145028	0.002237797	0.01900687
YGL02.10515.C1	7.267364077	-1.358768566	0.060298771	-0.376887937	-0.059398152	-0.064120366	0.621897209	0.000405881	0.005649866
YGL02_GNYA1SO04JPJS8	6.904023621	-1.359098714	0.84430142	-1.290110938	-0.464482004	-0.010337601	0.921063231	0.000251503	0.004030501
YGL02_GNYA1SO04JEDPN	7.936728609	-1.360778542	-0.114374434	-0.607457154	0.629212358	0.399195331	0.517278419	0.000185449	0.003249256
YGL02_GNYA1SO04I91ZN	5.390981556	-1.361117981	-1.047142793	-1.802090066	-0.370486213	0.460898956	1.689288265	0.001729589	0.015840025
YGL02_GNYA1SO04I0QQO	6.621029403	-1.362123796	-0.108098745	-0.161359067	0.518004867	-0.231459185	0.348359463	0.00063515	0.007755098
YGL02.3310.C1	6.714876073	-1.362307573	-0.337160073	-0.956827131	0.020977639	-0.442336063	0.216900546	7.09E-06	0.000347517
YGL02.6964.C1	8.951305279	-1.362746401	-0.24475152	-0.502663761	-0.080676408	-0.020034547	0.801055123	2.11E-07	3.80E-05
YGL02_GNYA1SO04IZXAD	6.608885953	-1.362817604	-0.401420769	-0.928542344	-0.319145313	-0.026850082	1.042955998	2.31E-06	0.000169719
YGL02.3878.C1	5.120717014	-1.362913213	0.057750396	-1.572621404	0.29581049	-0.29263336	1.042083695	0.004039357	0.02901048
YGL02.1693.C1	10.24161958	-1.363186994	0.130894534	-0.281272219	0.160540218	0.199731414	0.676237378	1.38E-05	0.000536498
YGL02_GNYA1SO04IOT3I	9.059912799	-1.363733073	0.080437244	-0.395161722	0.032589166	0.232425039	0.321347537	0.000433416	0.005902454
YGL02.19295.C1	6.998017141	-1.36411769	-0.333381572	-0.762494627	-0.079607906	0.36383638	1.147287139	4.03E-05	0.001128095
YGL02.19976.C1	9.148649242	-1.364494462	-0.193607897	-1.145370614	-0.091275413	-0.023909382	0.435570971	3.30E-06	0.000212911
YGL02.5658.C2	6.18186761	-1.364698693	-0.031773019	-1.201486596	-0.677605045	0.832211537	1.318161687	0.000580735	0.007267478
YGL02_GNYA1SO04JQX4C	9.846974284	-1.364911194	-0.090395724	-0.600998995	0.11356454	0.55361118	1.114594745	8.96E-09	7.48E-06
YGL02.20087.C1	6.409266142	-1.365389151	-0.54083758	-1.178614894	-0.326500303	0.468145359	0.44728839	3.90E-05	0.001103053
YGL02_GNYA1SO04IT65E	6.004829209	-1.366528385	-0.228722444	-0.368073618	-0.205325218	0.470990639	1.111739565	0.000429032	0.005861854
YGL02.639.C3	11.6506057	-1.366904617	-0.069648095	-0.586324727	0.113279806	0.380422174	1.221498257	7.22E-07	8.18E-05
YGL02.7268.C1	7.106004902	-1.3669728	0.038377512	-0.441319035	1.040638435	0.058529417	0.445913205	6.71E-07	7.84E-05
YGL02_GNYA1SO04I4T4Q	6.801253648	-1.367978322	-0.427770916	-0.732553786	0.055076946	0.367365639	0.33535614	0.000443962	0.006005656
YGL02.1964.C4	7.492889158	-1.368240254	-0.083891048	-0.584949728	0.66541807	0.536245478	0.579021499	0.000374757	0.005343554
YGL02.9458.C1	7.174096251	-1.368418893	-0.327501298	-0.847169953	0.024642482	0.376990786	0.723769839	2.41E-06	0.000174606
YGL02_GNYA1SO04H2QIC	7.607960444	-1.36964334	-0.016972694	-0.245761934	0.967861094	0.016128912	-0.01582543	0.000389563	0.005491786
YGL02.11869.C1	6.491044786	-1.369945328	-0.136693054	-0.589124937	0.273373955	0.471856741	1.144256191	8.79E-08	2.40E-05
YGL02_GNYA1SO04IC18Z	4.110479763	-1.370190154	0.082118675	-0.581196573	0.745477769	-0.01737408	0.859833137	0.007995976	0.047485163
YGL02.6646.C1	6.177167658	-1.370516283	-0.128847629	-0.326703355	0.750406344	0.080288837	0.307840517	0.000440749	0.005969998
YGL02_GNYA1SO04JS1KM	5.562513254	-1.370535703	-0.137524398	-0.799845907	1.032273196	0.195751548	0.848417595	0.00441832	0.030947792
YGL02.13514.C1	8.041732062	-1.370624675	-0.247932968	-1.340894128	-0.028360452	0.15166254	0.769247476	1.57E-06	0.000134322
YGL02.12209.C1	7.144375991	-1.371300847	-0.636538341	-0.640040877	-0.05755845	0.598619175	0.930461941	0.00190269	0.016941297
YGL02.22584.C1	5.295096126	-1.371453952	-0.259603527	-0.35087293	0.162293414	0.694471195	0.511310813	0.008533054	0.049714846
YGL02.17904.C1	5.008136204	-1.372352657	0.248297625	0.261553503	0.000540571	-0.279557913	-0.682325875	0.002055055	0.017868819
YGL02_GNYA1SO04JK8YS	6.772158284	-1.373721369	-0.357193566	-0.039015035	0.320430133	0.449548823	0.594179439	0.000172672	0.003095762
YGL02.8126.C1	5.154911983	-1.373931828	0.453885109	-0.317227694	-0.098761743	-0.29936144	0.453063581	0.000375399	0.005350198
YGL02.19701.C1	6.280483398	-1.374024455	0.151094652	-0.310595664	-0.001883236	0.428223843	0.517550589	2.90E-05	0.000900075
YGL02_GNYA1SO04IMAWD	4.425898614	-1.37522774	-0.462021292	-1.258365056	-0.2138999	1.04086821	1.277556694	0.006155444	0.039342409
YGL02_GNYA1SO04H2O80	7.143673033	-1.375298266	-0.339734396	-0.272400585	-0.04192342	0.549584812	0.75515217	4.47E-05	0.001211456

YGL02.3284.C1	5.666828981	-1.375436042	-0.461323429	-1.147076671	0.105921312	0.247555757	0.354470294	0.000969104	0.010484279
YGL02_GNYA1SO04ICXDN	7.116487	-1.37634923	-0.044293183	-0.275617792	-0.287605152	0.250673194	0.667207309	0.001065367	0.011201911
YGL02.13093.C1	4.381320095	-1.376621159	1.151300023	0.293887268	0.319414842	-0.434464188	-0.395900451	0.003813743	0.02780181
YGL02.4197.C1	6.140466999	-1.37724542	-1.200334781	-1.052863576	-0.05031953	0.890472465	0.7179659	0.003762249	0.027541154
YGL02.3607.C3	6.818170014	-1.3775544	-0.197583629	-0.796002502	0.798112539	0.224689465	0.515063538	9.45E-06	0.000418712
YGL02.5494.C2	5.90627549	-1.378029559	-0.243357992	-1.474370837	0.522011241	0.667649821	1.434554722	3.12E-05	0.000944389
YGL02_GNYA1SO04IIN95	6.216264362	-1.378506688	-0.71631988	-0.523286861	-0.075002067	0.637508901	0.52647847	0.003102182	0.024015168
YGL02_GNYA1SO04IJWSH	7.725493363	-1.379291595	-0.079235055	-0.225749839	0.627770426	0.322739551	0.125736988	0.001090691	0.011379476
YGL02_GNYA1SO04I8QV0	6.887839956	-1.379498835	-0.405351414	-1.777022165	-0.039135192	-0.297522222	-0.508386068	0.000163174	0.002971543
YGL02.19221.C1	7.482055937	-1.380677402	-0.348541194	-0.36914903	-0.031264303	0.192411859	0.192051	2.12E-07	3.80E-05
YGL02_GNYA1SO04JPKXQ	5.461107388	-1.381097172	-0.148360093	-0.968167878	0.00970962	-0.278531566	0.810274951	0.00198225	0.017449325
YGL02.4167.C1	6.373349544	-1.381475429	-1.889165737	-2.64448521	-0.149844849	-0.07214011	1.06483838	0.007860516	0.046931451
YGL02.2664.C1	5.420316571	-1.381557916	-0.090660078	-0.90430932	1.097917161	0.544801816	0.760063212	7.45E-05	0.001722895
YGL02.9499.C1	9.983298279	-1.382231193	0.224700053	-0.370393003	-0.089011997	0.219829627	1.115204446	9.79E-09	7.83E-06
YGL02.11166.C1	7.884466277	-1.383353036	-0.079141628	-0.53504055	0.467685474	0.224565469	0.462353191	9.14E-05	0.001996804
YGL02.20337.C1	6.68048407	-1.383465182	-0.792401509	-1.443492684	-0.014954795	0.571044177	1.077851623	0.001649179	0.015302745
YGL02.3766.C2	7.609808603	-1.384088376	0.191008916	-0.378802417	0.458504856	-0.12863273	0.420772957	6.26E-05	0.001518132
YGL02.1251.C2	11.46034037	-1.384530469	0.340733587	-0.339670023	-0.025850457	-0.099744924	1.196827586	6.50E-07	7.65E-05
YGL02.18128.C1	8.266782607	-1.385050342	0.008357095	-0.554470017	0.069247979	-0.122280717	0.332991873	2.47E-06	0.000177036
YGL02.10437.C1	4.522313882	-1.385501396	-0.40608476	-0.196589339	0.533118913	0.013672088	-0.06387313	0.000150498	0.00281636
YGL02.5926.C2	6.418153252	-1.385865068	0.127488948	-0.336836253	-0.495384082	-0.234463465	-0.248648208	0.005265618	0.035201386
YGL02_GNYA1SO04H29LA	11.82108267	-1.386103016	-0.029205142	-0.565653482	-0.015222997	0.32588411	1.232762675	2.76E-07	4.46E-05
YGL02_GNYA1SO04JI80M	6.981616405	-1.386141033	0.416637317	-1.018341434	-0.263084877	-0.040527839	0.819224414	2.67E-06	0.00018576
YGL02.2534.C1	5.84258749	-1.386495692	-0.23287488	-1.106652704	0.22899809	0.714831486	0.923351493	0.000487949	0.006417189
YGL02_GNYA1SO04JYRE3	8.574792828	-1.386695681	-0.552778164	-1.053449135	0.360647902	0.539815305	0.79796739	1.42E-06	0.000125894
YGL02_GNYA1SO04IKDUM	7.416715811	-1.38715557	0.138416955	-0.591827266	0.015441933	0.391080617	0.291606746	3.75E-06	0.000231259
YGL02_GNYA1SO04JVAOG	7.958913295	-1.387177986	-0.220059502	-0.54347959	0.371512546	0.146173138	0.332692378	5.24E-06	0.000286041
YGL02_GNYA1SO04I7DRK	5.497327041	-1.387605041	0.167940275	-0.141121398	-0.998093276	0.466552395	0.862810987	0.00633514	0.040150088
YGL02.22244.C1	5.649024392	-1.387918626	-0.145157457	-0.207210041	0.233188599	0.472751093	0.671866091	0.001135103	0.011716357
YGL02.5834.C1	9.816390469	-1.388671909	0.017452652	-0.344345349	-0.094350716	0.226227959	0.718754736	0.000147792	0.002781393
YGL02_GNYA1SO04HZ3WG	5.953018386	-1.388791061	-0.231014366	-0.487013368	0.897857483	0.614289575	0.200362668	0.001450787	0.013971575
YGL02_GNYA1SO04JDV4M	4.622380897	-1.389009205	-0.451666216	-0.598839136	1.661945745	0.678740211	0.756825375	0.003616844	0.026785183
YGL02_GNYA1SO04JAOH1	9.224636775	-1.389453311	0.050081519	-0.463989854	-0.938776395	0.509364374	0.542410646	1.67E-05	0.000612098
YGL02.5818.C2	6.321211112	-1.389747384	-0.566498051	-0.988008246	0.295713981	0.524482605	0.750449494	0.00022788	0.003759713
YGL02.6805.C1	7.681958153	-1.389816662	-0.067964347	-0.501236496	1.29557663	0.373023492	0.450804755	0.000214056	0.003598095
YGL02.20681.C1	5.665836634	-1.39053833	-0.077090203	-0.237814485	-0.158642824	0.426153305	0.847991592	0.000673158	0.008086499
YGL02_GNYA1SO04IR4ON	5.10184	-1.390979281	-0.88061348	-0.549330624	0.375351544	1.055168547	2.023402247	0.004292318	0.030312803
YGL02_GNYA1SO04JR293	7.701508361	-1.391210305	0.114375994	-0.204711196	0.121728411	0.372577367	0.711112034	9.15E-06	0.000410349
YGL02_GNYA1SO04I4TNB	8.556239112	-1.391638666	0.077712226	-0.128335477	-0.093997995	0.119174145	0.546299749	9.54E-06	0.000420746
YGL02_GNYA1SO04ILRNC	3.976578774	-1.391759897	-0.430919728	-1.213823587	0.719777781	0.250850567	0.950714649	0.000576594	0.007233141
YGL02_GNYA1SO04H2ZSI	6.109030462	-1.392184979	-0.017054614	-0.63482407	0.862845016	0.270813676	0.412708948	0.00166355	0.01539198
YGL02_GNYA1SO04IA3CV	7.658301445	-1.392363955	-0.551849711	-1.116736009	0.217636176	0.742627011	1.115761984	0.006091043	0.03907487
YGL02_GNYA1SO04IC096	6.247390709	-1.393341963	-0.226523557	-0.76736894	0.160326491	0.729925387	0.66546488	0.001433583	0.013843837
YGL02.13245.C1	5.595751395	-1.394817775	-1.130325965	-1.463352419	0.205260849	0.933255343	1.428813795	0.000958699	0.010410849
YGL02_GNYA1SO04JQUFI	7.225210984	-1.394916815	0.11817386	-0.400622408	0.793761192	-0.099704434	0.539708977	3.75E-06	0.000231362
YGL02.18973.C1	5.044968504	-1.395880517	0.133080965	-0.636715407	1.183781609	0.24067605	0.845399346	0.000900544	0.009960933
YGL02.12825.C1	6.743755962	-1.396086363	-0.092380934	-0.4626496	0.696289694	0.291349691	0.654999043	1.34E-06	0.000120662
YGL02.16688.C1	4.972824688	-1.396276373	-0.085046029	-0.732591924	1.326623371	0.433126606	0.625380167	0.005566442	0.036639724
YGL02_GNYA1SO04H4LOG	5.057287778	-1.396379063	0.118152514	-0.281216016	0.055792335	-0.403248639	0.155053002	0.003357229	0.025397468
YGL02.6424.C1	9.345746967	-1.396988288	0.241026704	-0.07576462	-0.040288526	0.284057412	1.219633282	4.10E-07	5.71E-05
YGL02_GNYA1SO04JFYV3	7.931031071	-1.397424902	-0.448037512	-0.757421032	0.044261173	0.504879892	0.929686293	1.23E-05	0.000493714
YGL02.276.C1	9.422805997	-1.397437039	-0.227382749	-1.106571127	-0.096545789	-0.132361653	0.868459461	5.04E-08	1.86E-05
YGL02_GNYA1SO04H60T1	8.914237198	-1.397695689	-0.248022917	-0.710159994	-0.071425805	0.254962338	0.232404092	9.36E-05	0.002030008
YGL02_GNYA1SO04JNQB7	8.113579222	-1.398013955	-0.575061833	-1.345009896	0.518708084	0.268696202	0.869144903	6.29E-07	7.47E-05
YGL02.22813.C1	7.011756031	-1.398055575	-0.079442086	-0.675021695	0.099600649	-0.048728641	0.373561706	5.32E-07	6.72E-05
YGL02_GNYA1SO04I8WD6	5.786493999	-1.398279384	-0.092202455	-0.572590296	-1.085007994	0.57954359	1.55059462	0.001307794	0.01296162
YGL02.4524.C1	4.941799837	-1.398372297	0.493863492	0.190796695	-0.298932311	0.189267009	1.525591193	0.007720747	0.046328709
YGL02_GNYA1SO04IO96T	6.072844727	-1.398897848	-0.272916336	-0.266382842	0.513773189	-0.065900563	0.329281546	8.05E-05	0.001820139
YGL02_GNYA1SO04IHRDI	6.457592996	-1.39994723	-0.682915807	-0.629546832	0.258546309	0.698619097	0.588235024	0.000209125	0.003536688
YGL02_GNYA1SO04JSFRC	5.490492696	-1.400026594	-0.485119928	-0.332936738	0.829086525	0.600206894	0.902150723	0.000314541	0.004736869
YGL02_GNYA1SO04H9OGC	5.773727251	-1.400126016	-0.027321537	-0.318239251	0.028103461	-0.345344898	-0.168597916	0.006303535	0.040010489
YGL02_GNYA1SO04IAGCX	3.956053261	-1.401202828	-1.471934497	-1.422954996	0.407455965	1.469832309	1.504866622	0.002631986	0.021339625
YGL02.16868.C1	12.17597251	-1.401884022	-0.260371098	-0.930085351	0.050141362	0.105564483	0.729944682	1.04E-07	2.59E-05
YGL02.8904.C1	8.486554938	-1.401932299	-0.137131697	-0.697387406	-0.086667882	0.335085337	0.685581334	1.04E-07	2.59E-05
YGL02.667.C1	6.321894393	-1.401962788	0.146149757	0.277409491	-0.083647499	0.443481848	1.027471942	1.65E-06	0.000138533
YGL02.18093.C1	6.412235891	-1.40216552	-0.314486015	-0.539445319	0.441933301	0.528770246	0.68269502	7.66E-06	0.000365739
YGL02_GNYA1SO04IPZRQ	4.321368054	-1.402532576	-1.345266488	-1.367158764	-0.230173186	1.610618763	1.398289569	0.004102623	0.029332197
YGL02.16461.C1	4.502325869	-1.402854345	-0.2522447	-1.286994894	0.334045988	-0.045400218	0.866185338	0.000759072	0.008822309
YGL02_GNYA1SO04H0G9S	9.453111189	-1.40285924	-0.016266162	-0.797956432	-0.210062167	0.255965678	1.545426352	8.08E-07	8.84E-05
YGL02_GNYA1SO04IHTIQ	6.938969603	-1.402990284	-0.022927988	-0.159946697	1.47433385	0.255959715	0.097914721	0.001752541	0.016002695
YGL02.20115.C1	7.150679406	-1.403100034	0.038416422	-0.441641647	1.319512687	0.385488554	0.56968213	0.00024882	0.003999214
YGL02.5305.C1	11.22133867	-1.403793111	0.542111956	0.224043861	0.096631971	0.014870771	0.297416808	6.99E-07	8.01E-05
YGL02_GNYA1SO04IYKGI	8.02587686	-1.403811073	-0.966852163	-1.692658961	0.163735999	0.494033067	1.44553268	4.20E-05	0.001158044
YGL02.2969.C2	4.91523215	-1.403855171	0.16977369	0.009433689	0.323630021	0.177683739	0.787377117	0.001885241	0.016824109
YGL02.14851.C1	4.482601696	-1.403895537	-0.755092794	-0.604790796	0.579760042	1.243706951	0.64442824	0.002615677	0.021242525
YGL02_GNYA1SO04JKWMD	4.465218758	-1.404089117	-1.25693127	-1.233312953	0.165410737	0.940885552	1.001826482	5.68E-05	0.001421712
YGL02.21880.C1	5.069883389	-1.404991634	-0.169704037	-0.916763698	0.745338461	0.024056693	0.726830958	0.003171014	0.024378968
YGL02.15169.C1	6.94999771	-1.405631738	-0.169895596	-0.669941776	0.784623499	0.440901618	0.610198109	3.80E-05	0.001083116
YGL02_GNYA1SO04H2O5Q	9.572892128	-1.406187581	-0.839463422	-1.343913863	0.487638131	0.676019708	0.770838833	1.40E-05	0.000542528
YGL02_GNYA1SO04I4RPU	6.919173321	-1.406605156	-0.249780165	-0.414384367	0.540192056	-0.090344496	0.239478078	0.003000881	0.023432675
YGL02_GNYA1SO04H8K4S	4.081768817	-1.408589257	-0.804607892	-1.004931279	0.264108737	1.070441259	1.027372162	0.006735667	0.041954909
YGL02.16477.C1	6.637450772	-1.409216679	-0.234680614	-0.635751716	-0.346831358	-0.015861981	1.108188318	6.33E-06	0.00032293
YGL02.18186.C1	7.231495232	-1.409501764	0.170742579	-0.522421867	0.356475425	-0.321853701	0.468386496	0.000531395	0.006819388
YGL02_GNYA1SO04I779H	7.091777684	-1.409869555	-1.42912675	-1.603117515	0.112811078	0.796503435	1.344507155	3.30E-05	0.000982926
YGL02.4776.C2	7.1619898	-1.41090975	0.023535404	1.408547306	-0.177518015	0.395133412	1.235082621	1.24E-08	9.07E-06
YGL02_GNYA1SO04H3SJ1	8.344728391	-1.411082508	0.049663378	-0.570808795	1.030540023	0.308143053	0.592607985	0.000421127	0.005792351
YGL02.4648.C1	9.167364013	-1.411575815	-0.860574101	-0.905736317	-0.165037753	0.139256009	1.244858522	3.77E-08	1.53E-05
YGL02.6081.C1	7.171858399	-1.411853393	-0.628615299	-0.989349226	-0.030821666	0.619341756	0.625010956	2.57E-07	4.28E-05
YGL02.5158.C1	7.558732954	-1.411886166	-0.599638847	-1.061423651	0.117373864	0.048161241	0.252328564	1.04E-05	0.000444592
YGL02_GNYA1SO04I2WXL	5.091514491	-1.4119373	0.128641635	-0.633161576	1.673034504	0.573279877	0.556156825	0.005493997	0.036298277

YGL02.8235.C1	9.511758621	-1.412130728	-0.058794318	-0.830290311	-0.041733971	0.221709954	1.08627825	2.42E-08	1.25E-05
YGL02_GNYA1SO04IA1T2	10.14629999	-1.412558103	-0.25160874	-0.962784944	0.150836651	0.309965869	1.090797639	3.03E-07	4.75E-05
YGL02.5804.C4	7.232300159	-1.412855534	-0.066511756	-0.471969706	0.559198731	0.374055911	0.529069263	0.00022901	0.003773068
YGL02.5940.C1	8.887626672	-1.413693022	-0.320747857	-0.781511994	0.048229553	0.389275286	1.253621836	7.07E-06	0.000347014
YGL02_GNYA1SO04I8H97	5.26682461	-1.414567059	-0.12878898	-0.412799233	0.58940407	0.70037755	0.731395959	0.000392411	0.005518075
YGL02_GNYA1SO04ILEMC	6.230434214	-1.414635587	-0.049996849	-0.467127693	1.212270179	0.170994092	0.502229854	0.000753437	0.008777293
YGL02.16033.C1	5.230773647	-1.414923484	-0.323181158	-0.534723159	0.341628095	0.060638482	0.985834209	0.002288755	0.019320039
YGL02_GNYA1SO04JDITF	8.82871669	-1.415229431	-0.046351025	-0.433335042	1.220145884	0.102104449	0.196787246	1.79E-05	0.000640481
YGL02_GNYA1SO04JYOMU	5.488335005	-1.415349483	-0.448676954	-0.63152605	0.56566055	0.542276355	0.208997129	0.000827176	0.009375133
YGL02_GNYA1SO04JG0BV	7.095700775	-1.417494944	-0.67200645	-1.292240973	-0.71615146	0.054565332	0.384409764	0.003605723	0.026729253
YGL02_GNYA1SO04JOIYY	8.421198135	-1.417790123	-0.129313345	-0.548021725	-0.412491335	0.626157426	0.819644415	0.000514724	0.00665891
YGL02_GNYA1SO04I18IU	7.453098761	-1.417915693	-0.039931843	-0.451846515	0.733252656	0.266415478	0.280458011	8.41E-05	0.001880065
YGL02.13863.C1	6.657515142	-1.417938287	-0.359296365	-0.898852922	0.213978972	0.295301286	0.771682718	4.49E-05	0.001216046
YGL02.1964.C7	6.254939165	-1.418114129	0.2028707	-1.033144017	0.682816657	0.066133603	0.817050185	0.000945153	0.010306101
YGL02.2051.C1	4.033771855	-1.418971911	1.451279697	-1.240519596	0.347696575	1.84032188	1.363248877	0.000448197	0.006045604
YGL02.3224.C1	6.400829403	-1.419172526	0.042636229	-0.678326656	0.206984088	-0.923187642	-0.54366533	0.001660318	0.01536912
YGL02_GNYA1SO04JSO7S	3.886237587	-1.420119486	0.032480567	-1.524356326	0.64691853	-0.155006585	1.662217961	0.003454724	0.025903492
YGL02_GNYA1SO04JUNDY	4.023593451	-1.420863525	-1.496304582	-1.440694637	0.334455547	1.490214169	1.523730489	0.007866367	0.046954475
YGL02.15739.C1	7.840000678	-1.42091001	0.141249127	-0.371214085	-0.294316615	-0.13135392	0.291859561	2.27E-08	1.21E-05
YGL02_GNYA1SO04IHNQT	5.828435291	-1.421342985	-0.2663335	-0.750700318	0.37020534	0.699196524	1.339969318	1.77E-06	0.000144608
YGL02_GNYA1SO04I0FOW	4.538457574	-1.423097013	-1.074963096	-2.289928283	1.018764254	1.035914497	1.515679208	0.003877359	0.028138842
YGL02.2650.C1	4.467852178	-1.423543994	-1.241606257	-1.126109555	-0.160960183	1.391925352	1.37125223	3.45E-06	0.000218802
YGL02.9359.C1	7.871387947	-1.423829988	-0.192594313	-0.838812163	-0.145957268	0.58346579	1.299199401	1.35E-07	2.93E-05
YGL02.2435.C3	11.72573047	-1.423839589	-0.178098107	-1.105827908	-0.226531633	0.435100279	1.494308501	1.81E-08	1.07E-05
YGL02_GNYA1SO04IILL1	6.831604811	-1.424050161	-0.139732072	-0.471639735	0.885590801	0.352584164	0.516181617	5.71E-06	0.000302442
YGL02.19211.C1	6.82902941	-1.424799465	-0.392922039	-0.515739976	-0.090800845	0.387018845	0.265698047	9.38E-05	0.002032605
YGL02.1964.C6	7.281402481	-1.424881452	-0.188558121	-0.590966787	0.566730207	0.55094941	0.565830973	0.00139044	0.013532163
YGL02.12571.C1	5.130081536	-1.425104221	0.034769643	-0.426781634	0.065538497	0.546449667	0.834851502	0.000884049	0.009826816
YGL02.13524.C1	6.278084841	-1.425790004	0.789677732	-0.1818172	-0.499177889	0.05398936	1.002167028	7.20E-06	0.000350507
YGL02_GNYA1SO04IXSAA	11.84923097	-1.425804487	-0.333615739	-0.718780861	0.162394222	0.414921429	0.894001569	1.68E-07	3.31E-05
YGL02.18582.C1	5.288013401	-1.426038268	0.079997487	0.544601148	0.006549253	0.045857155	-0.185144543	0.001279159	0.012751803
YGL02_GNYA1SO04JZ32Q	7.185394256	-1.426288596	0.767126704	-0.913725069	0.096884732	0.51678927	1.099847661	1.20E-05	0.000486929
YGL02_GNYA1SO04IG16I	9.358201504	-1.42671614	-0.197048727	-0.700597885	-0.110567342	0.0590743	0.309727323	1.01E-08	8.00E-06
YGL02_GNYA1SO04I43WW	8.369560769	-1.427052697	0.202568399	-0.656412174	0.013010172	-0.058594774	1.30081982	4.59E-07	6.10E-05
YGL02_GNYA1SO04IZ3WV	8.282783189	-1.427202738	-0.028589691	-0.594207421	-0.174816839	0.308607464	0.796118643	9.83E-06	0.000429573
YGL02.8266.C6	5.657580237	-1.427364627	0.030323047	-0.451519666	1.23202279	-0.047889468	0.007611502	0.000741379	0.008671932
YGL02.4626.C1	5.892408913	-1.427391063	-0.307630465	-2.109914426	0.376209614	0.196202463	0.659333794	0.000134227	0.00259941
YGL02_GNYA1SO04IIDKP	5.112498355	-1.427665482	0.552341976	0.267944324	0.786784825	0.27235526	0.016698329	0.000492528	0.006454659
YGL02_GNYA1SO04IUKN9	7.017931414	-1.428064218	-0.607581973	-0.85016195	0.216456736	0.382407432	0.97367869	1.29E-05	0.000508407
YGL02_GNYA1SO04IQZ8J	8.249675556	-1.428254798	0.287486789	-0.445006569	0.421976826	0.334020766	1.004616663	1.12E-06	0.000108764
YGL02.20801.C1	4.419443826	-1.428285048	-1.218966861	-1.221752403	-0.013245981	1.159390834	1.185699842	1.60E-05	0.000594107
YGL02_GNYA1SO04I37SW	6.458700424	-1.428536047	-0.199880718	-0.886123927	-0.595030935	0.614934966	1.663353238	0.002399914	0.019983516
YGL02.19394.C1	8.764134473	-1.428965798	-0.762850586	-0.886466477	-0.380877106	0.202974901	1.116970476	4.86E-07	6.35E-05
YGL02_GNYA1SO04I2ZEV	8.139774798	-1.429071937	-0.258786888	-0.728013196	0.173385269	0.108534798	0.811998163	2.68E-07	4.37E-05
YGL02.12356.C1	4.934001997	-1.430532302	0.407348514	-0.370418712	-0.538128201	0.419387955	0.458996954	0.001642947	0.015265702
YGL02_GNYA1SO04IDXY0	8.266842337	-1.430855433	-0.065338333	-0.437942786	0.291349337	0.414253839	0.817407017	1.04E-05	0.000445965
YGL02.20290.C1	5.684657795	-1.432629511	-0.126728494	-0.81410573	0.332924444	0.741042937	1.150746723	4.81E-06	0.000270483
YGL02.4462.C1	7.071816162	-1.432755514	0.200409964	0.436808149	0.994363385	-0.143631376	-0.07007882	7.80E-06	0.000369914
YGL02_GNYA1SO04JTHHL	5.099618681	-1.43298045	-1.228627315	-0.595336119	-0.548281051	1.23907258	0.633494781	0.001435668	0.013860871
YGL02.1078.C1	10.39460647	-1.433244695	0.394032968	-0.605901875	-0.214245807	0.389447021	1.380848039	1.33E-06	0.000120129
YGL02_GNYA1SO04JL42U	6.064175658	-1.43382598	0.164002089	0.207273225	-0.018939844	0.635647471	0.522956161	0.00118859	0.012114903
YGL02.8209.C1	6.366085489	-1.43392417	-1.367066812	-0.273953606	0.04919793	0.326426256	1.017912408	3.51E-06	0.000221754
YGL02_GNYA1SO04JHU9X	7.337574005	-1.433960198	-0.197086199	-0.608751821	-0.116089651	0.63236118	0.951628576	0.00018883	0.003295127
YGL02.2646.C1	5.248219272	-1.434049293	-0.449239141	-1.584408862	0.108370572	0.628514736	1.316050856	0.006187614	0.0394915
YGL02_GNYA1SO04IXWIJ	11.42084278	-1.434176301	-0.349261043	-1.360185579	0.24052872	0.163060157	0.915945923	8.45E-08	2.35E-05
YGL02.12092.C1	7.928202213	-1.435200489	-0.165472113	-0.296881535	0.071371807	0.407073411	0.906212058	2.90E-07	4.61E-05
YGL02.13981.C1	11.70858356	-1.435471522	-0.000610183	-0.508481205	0.133385986	0.151668093	0.746658238	1.84E-07	3.50E-05
YGL02_GNYA1SO04H3FZK	7.820018087	-1.436147589	0.191482981	-0.965819808	-0.039166269	-0.073146738	0.552686069	0.000258078	0.004106219
YGL02_GNYA1SO04IZBA7	4.963043348	-1.436897551	-0.209446034	-0.666745916	0.33774728	0.341789426	0.488856002	0.002274973	0.019235047
YGL02.9210.C1	6.979269229	-1.43724297	-0.202715313	-0.318783291	0.121956039	0.306056287	0.725730601	1.74E-07	3.39E-05
YGL02.20388.C1	4.384240087	-1.437898996	-0.807647507	-1.324801953	0.080106529	1.105347685	1.364382758	2.24E-05	0.000750691
YGL02.21128.C1	4.727451585	-1.438038349	0.1726186	-0.200998595	0.199516691	-0.191162199	0.299883136	9.73E-05	0.002083434
YGL02.17137.C1	8.508433706	-1.438242731	0.046301726	-0.218201767	0.90439047	0.248088393	0.362490406	1.07E-05	0.000453374
YGL02.3473.C5	5.742219001	-1.438553822	-0.541934876	-0.639187699	-0.038310733	0.566400813	1.292445397	0.001298632	0.012892514
YGL02.1741.C4	4.803283622	-1.438771088	-0.122550323	-1.551499043	0.151820177	0.10644349	1.351850488	0.001577136	0.014834299
YGL02_GNYA1SO04JMSVZ	5.544109987	-1.440840274	-0.390693078	0.253779452	-0.782284286	1.138561282	1.47124096	0.002108479	0.01819804
YGL02_GNYA1SO04ISZER	5.611941747	-1.441154855	0.053924963	-0.241746056	0.534141215	0.397095425	0.462989506	0.001662382	0.015383399
YGL02.2180.C7	5.083522009	-1.441394277	-0.560198533	-0.844428355	-0.568676091	0.818422789	0.736145862	0.001762682	0.016055669
YGL02.1214.C5	4.089834867	-1.441450617	-0.315435409	-1.40219591	0.353048936	0.453450556	1.379465893	6.45E-05	0.001551255
YGL02_GNYA1SO04IXPQZ	4.270616972	-1.441802748	0.456396265	-1.310745894	0.352043909	-0.466014862	1.276070974	0.002416185	0.02007978
YGL02.22117.C1	5.272483143	-1.442242142	-0.129648272	-0.307781256	0.370574876	-0.068298328	0.742265094	1.13E-05	0.000469474
YGL02_GNYA1SO04JB1NP	7.931544209	-1.443040767	-0.810617564	-0.920094827	0.032808222	0.499507882	1.223649793	7.80E-05	0.001782549
YGL02.1458.C13	4.270325466	-1.443383742	-1.308544805	-1.43652777	0.016143426	1.357833901	1.536745577	9.63E-08	2.53E-05
YGL02.9422.C1	4.981271307	-1.444492425	-1.8638479	-1.24590515	0.27445749	1.134871598	1.557567389	0.00056152	0.007099742
YGL02.9124.C5	6.000758387	-1.444820342	-0.173190603	-0.352313087	0.670808422	0.334150018	0.625059334	0.000493338	0.006462483
YGL02_GNYA1SO04IJHJ1	5.482166682	-1.445624226	0.688983698	0.375677257	-0.185118861	0.520998963	0.749858535	4.88E-08	1.83E-05
YGL02_GNYA1SO04IKAMB	6.771337885	-1.44630345	-0.224511403	-0.709433136	0.648783212	0.481162919	0.844205225	4.09E-05	0.001138279
YGL02_GNYA1SO04JGTVW	8.014720884	-1.446707424	-0.000183635	-0.000537715	-0.108144713	0.167051056	0.920197276	2.11E-07	3.80E-05
YGL02.18945.C1	5.28885021	-1.447356501	-1.548152721	-0.805828304	0.321596434	0.787192152	1.010179932	0.000341174	0.005008203
YGL02.7815.C1	8.917354196	-1.447879188	-0.129303962	-0.715673775	-0.048384163	0.227225465	0.851256013	4.29E-06	0.000251188
YGL02.11147.C1	6.381343704	-1.447988491	0.465015815	-0.093344239	0.470696177	0.243913186	1.401202636	0.000771926	0.008925242
YGL02_GNYA1SO04ITHTX	4.176985567	-1.448817537	-0.867489945	-0.902277659	0.973394183	1.441982776	0.701307408	0.004765943	0.03272598
YGL02.16275.C1	6.679494417	-1.449453299	-0.280208643	-1.103225088	1.722518909	0.248809673	-0.08269483	0.000195938	0.003380426
YGL02.17018.C1	8.469263892	-1.45022697	-0.317616298	-0.397719937	0.207479554	0.394121931	1.274861008	0.000327669	0.00486833
YGL02_GNYA1SO04JONW9	8.053517948	-1.451162529	-0.261519818	-0.917066026	-0.130855008	0.331792386	0.973739946	1.21E-05	0.000488749
YGL02.11088.C1	6.70694129	-1.451393425	0.097442941	-0.370608346	0.94376863	-0.071391223	0.356768992	8.82E-08	2.40E-05
YGL02.12359.C1	7.082353429	-1.451417413	0.03593173	-0.396469029	1.688676797	0.080170297	0.406033721	0.000289634	0.004464047
YGL02_GNYA1SO04JKAFO	5.911760539	-1.451457078	-0.313275224	-1.715048468	-0.456938534	0.455644236	1.79428722	0.000300297	0.004581508
YGL02.125.C1	4.380554223	-1.451621353	-1.089064442	-1.387600182	0.367726505	0.877399913	1.167453311	0.003129057	0.024159518
YGL02.7566.C2	6.174199676	-1.451965077	0.081424612	-0.010587465	0.569400528	0.174463464	0.404847703	7.22E-06	0.000351215

YGL02_GNYA1SO04JBSJ7	6.068783225	-1.452604161	0.442647239	-0.095420114	1.014408646	0.046075287	0.718333541	0.00135146	0.013259425
YGL02.17461.C1	6.731978464	-1.45345199	-0.405243454	-0.681248816	-0.007854752	0.294268409	0.847577306	9.50E-05	0.002049855
YGL02.22397.C1	4.582084805	-1.454273047	-0.77831385	-1.540910584	0.172208631	0.866022891	1.262246148	0.001526854	0.014496486
YGL02_GNYA1SO04H6KCU	7.481584508	-1.455038508	-0.192766317	-0.439319695	-0.021066806	0.655868012	0.270949551	0.000586772	0.007318277
YGL02_GNYA1SO04H2FQ6	9.179671236	-1.455078113	0.364083281	0.177855963	-0.07230389	0.211905613	0.615777767	8.79E-08	2.40E-05
YGL02.20718.C1	5.20414859	-1.455829945	-0.592189916	-0.31963344	0.04998959	0.526272612	0.957166146	0.00043894	0.005953882
YGL02.298.C2	8.220375723	-1.4558805	-0.654080306	-0.901855555	0.098197511	0.753350484	0.808175741	8.67E-06	0.000396432
YGL02_GNYA1SO04H0MA1	7.447644472	-1.45617947	-0.223027706	-0.398262443	0.236627947	0.065168988	0.596996511	0.000367602	0.00526939
YGL02_GNYA1SO04INZJL	7.213842393	-1.456698543	0.100265667	-0.235285331	-0.136391662	0.199999252	0.93143385	2.76E-07	4.46E-05
YGL02.4938.C1	4.36069968	-1.45671279	-1.092808921	-1.038443623	-0.024115732	1.177561204	1.275124697	0.000180876	0.00319204
YGL02_GNYA1SO04I2ZK6	7.606956393	-1.457440806	1.430949454	-0.777844749	0.057769155	1.088624106	1.260216089	4.40E-07	5.97E-05
YGL02.7071.C2	6.720322906	-1.457713808	-0.065513279	-0.838551969	-0.288133767	0.01857969	0.792686189	8.32E-05	0.001866828
YGL02.13690.C1	5.84069597	-1.458168106	0.006161523	-0.253775432	0.325349892	0.564633291	0.229641427	0.000676611	0.008113676
YGL02.18175.C1	7.028590159	-1.458740717	0.034387692	-0.239394595	0.111687007	0.190284367	0.55729089	0.000203627	0.0034712
YGL02.22549.C1	5.336145443	-1.459097292	0.490941862	-0.14031011	1.139226553	0.219511624	0.370903431	1.27E-05	0.00050337
YGL02.608.C2	10.86672795	-1.459678968	-0.42648062	-1.169110226	0.06128256	0.256297125	0.824342783	2.18E-06	0.000164581
YGL02_GNYA1SO04IQCLN	5.992592868	-1.459929066	-0.402513686	-0.412584184	0.890943218	0.32985488	0.79952347	3.57E-05	0.001039661
YGL02_GNYA1SO04IM5W0	5.088813981	-1.461348227	0.368016444	-2.090736451	0.311626164	-0.303175502	1.286087264	0.000706535	0.00836868
YGL02.13185.C1	5.361735031	-1.461381569	0.136770786	-0.628890591	0.816112794	0.418247466	0.945632875	0.000449678	0.006059549
YGL02.16161.C1	7.289531337	-1.462159748	0.236528722	-0.337766988	-0.03669127	0.420542359	0.572859432	2.11E-05	0.000721728
YGL02.1251.C3	11.46125914	-1.462595943	0.299175459	-0.294249223	-0.023797276	-0.02869192	1.177198075	5.61E-07	6.94E-05
YGL02_GNYA1SO04I73DJ	9.138450671	-1.462625342	0.096314415	-0.29960332	-0.523758457	0.461731168	0.949766009	1.57E-06	0.000133983
YGL02_GNYA1SO04H5IPF	5.253316649	-1.462813893	-0.622949909	-0.88915174	-1.043816269	1.099529801	1.729295379	0.000560967	0.007094828
YGL02.23665.C1	4.555543927	-1.463657369	0.350626318	-0.137501073	0.07817974	-0.223610716	0.327355589	0.000964889	0.010454406
YGL02.20749.C1	6.295958049	-1.463766717	0.086323252	-0.364422098	0.725238555	0.33100676	0.452700841	0.000912819	0.010055123
YGL02_GNYA1SO04J0J24	6.406495365	-1.464064292	-3.410603742	-3.470536412	-0.181903147	1.506304329	1.670900808	7.70E-05	0.001764179
YGL02_GNYA1SO04JNVSX	4.571654364	-1.464551863	0.370120112	-0.37779874	0.574835536	-0.38378297	-0.008709584	0.005020621	0.034007714
YGL02.5195.C2	4.892743427	-1.464704185	-0.429442529	-1.287481464	-0.287302304	0.172284607	0.941874663	0.004026856	0.028943167
YGL02_GNYA1SO04IAB4T	4.456516474	-1.465249811	-0.101665577	0.204801652	0.994979114	0.012578413	-0.101163266	0.002841723	0.022569575
YGL02.2500.C1	4.453553395	-1.465771942	0.427059754	-0.705136485	0.079796064	-0.07083407	0.733283376	0.005402827	0.035851987
YGL02_GNYA1SO04I0NT1	8.899490768	-1.465825354	0.123317642	-0.955448154	-0.3605301	-0.020303111	0.897562649	5.11E-06	0.000281718
YGL02_GNYA1SO04IQAJL	11.72069354	-1.46608725	-0.399181594	-1.409330168	0.327366348	0.239822854	0.926935611	3.15E-08	1.43E-05
YGL02_GNYA1SO04IRMUB	8.432161987	-1.466156406	-0.00095133	-0.670118595	-0.208610258	0.14983371	0.534911427	5.54E-05	0.001399123
YGL02.7883.C1	7.585897495	-1.466250394	-0.059574691	-0.811120954	0.474913465	0.195995949	0.617448803	2.06E-08	1.17E-05
YGL02.13362.C1	5.865208139	-1.466778908	-0.287694094	-0.605158698	0.183816873	0.450654636	1.453275892	0.000728207	0.008564273
YGL02.8970.C1	4.519420675	-1.467557531	-0.120747113	-0.587938949	1.249657013	0.818538237	1.156016907	0.001108075	0.011517329
YGL02_GNYA1SO04JZX12	4.758551333	-1.467891675	-1.259820684	-1.176975294	-0.203059471	1.03661779	0.862869191	0.000339141	0.004986317
YGL02_GNYA1SO04ICNX7	5.223611786	-1.468044947	-0.559070682	-0.209575171	1.01612811	-0.212852524	-0.149203647	0.001123616	0.011636741
YGL02.17109.C1	5.144075788	-1.468057285	0.64074654	-1.377418345	-0.591089344	0.122668512	1.681163832	4.73E-05	0.001257078
YGL02.494.C1	10.0485826	-1.468112334	-0.147237179	-0.796184525	-0.148914132	-0.180705819	0.406426916	1.08E-07	2.65E-05
YGL02_GNYA1SO04I427A	6.259999194	-1.468187827	-0.459683178	-0.97654931	0.089653815	0.408344461	0.541996884	4.90E-06	0.00027387
YGL02.9777.C1	5.77929707	-1.468251959	-0.166095326	-0.232747421	0.717457094	0.01535814	0.269726194	5.81E-05	0.00144648
YGL02_GNYA1SO04H43ET	5.464423402	-1.469153685	-0.711185356	-0.716510031	0.164062409	0.258534535	0.410374432	0.008202212	0.048348518
YGL02_GNYA1SO04JSU1O	6.501961911	-1.469381057	-0.112532558	-0.469972459	0.156885753	0.34525295	0.838947854	3.41E-05	0.001004899
YGL02_GNYA1SO04JZNZI	11.14730262	-1.469575449	-0.352683749	-1.405090169	0.30330397	0.188538576	0.994114586	5.92E-08	2.01E-05
YGL02.14317.C1	6.558590201	-1.469591924	-0.388027985	-0.39083228	0.082055139	0.835347865	1.039462786	4.54E-07	6.06E-05
YGL02.608.C3	6.076646688	-1.470464363	-0.423735338	-0.626718797	-0.210805401	0.25801529	0.990478943	3.68E-05	0.001061807
YGL02_GNYA1SO04I33EE	4.539357035	-1.470470061	-0.520239551	-0.390647476	1.192640127	0.474975811	0.066786674	0.000227802	0.003759103
YGL02.9124.C4	7.050821098	-1.470575674	-0.106788026	-0.573703643	0.384564032	0.473233975	0.677903289	4.33E-05	0.001180863
YGL02_GNYA1SO04JO30N	5.91254261	-1.47089132	-0.946639004	-2.350979595	0.581585249	0.049200175	0.61739745	0.002403758	0.020007807
YGL02.16691.C1	7.784065297	-1.470893392	-0.077140112	-0.286434345	0.23243385	-0.06520398	0.063872048	5.16E-05	0.001329034
YGL02.19004.C1	7.308310866	-1.470974333	0.011154946	-0.517312316	-0.174583204	0.111840228	0.797970539	1.96E-07	3.63E-05
YGL02.10357.C1	10.12676227	-1.471230363	-0.794652672	-1.318734305	0.210586942	0.539648446	0.961030287	5.52E-07	6.86E-05
YGL02_GNYA1SO04JWACG	5.671055961	-1.471658103	-0.185162257	-0.008427865	0.015890055	0.635277731	1.079591359	0.000963376	0.010445877
YGL02.12318.C1	5.048068634	-1.472100885	-0.231416207	-0.695684848	0.740490267	0.758035481	0.712463102	0.000286021	0.004424769
YGL02_GNYA1SO04IKIQ6	8.307137121	-1.472705532	-0.072815159	-0.458809316	0.059322634	0.047937254	0.74933061	1.06E-06	0.000104614
YGL02_GNYA1SO04I4EDT	6.429912027	-1.472881066	-1.078647884	-0.0552852	-0.320977202	-0.135267133	0.166058564	0.002747658	0.022038857
YGL02.12010.C1	5.732527869	-1.473983636	-0.640557512	-1.624989593	-0.660535396	0.104266234	1.106309948	2.20E-05	0.000741624
YGL02_GNYA1SO04IDRJ6	5.529526556	-1.474846786	1.367834917	0.319002751	-0.160736808	0.170480824	1.040937903	0.000195504	0.003376517
YGL02.17861.C1	5.540486649	-1.474951838	-0.08887119	-0.53971285	0.71193258	0.390371061	1.15106809	0.000267682	0.004217469
YGL02_GNYA1SO04IFN69	5.196244114	-1.475491702	-0.069355287	-1.420850315	-0.091171373	0.925018602	2.20673973	0.00083745	0.00945739
YGL02.20349.C1	4.832885405	-1.476649864	0.095457283	-0.649668098	1.044826062	-0.116208451	0.091031123	0.000420591	0.005787442
YGL02_GNYA1SO04IOAOO	7.902528343	-1.476714498	-0.26940811	-0.492172053	0.639343014	0.305320735	0.315449558	0.000219038	0.003657632
YGL02.8397.C1	8.236684524	-1.476895638	-0.02673517	-1.5066347	0.277210867	-0.318661503	0.809343486	2.93E-06	0.000197175
YGL02.11923.C1	6.60832508	-1.4771173555	-0.611695566	-0.689473627	0.40355073	0.013524772	0.34012751	0.006103194	0.039126253
YGL02.17056.C1	4.780533803	-1.477821016	-0.858693543	-1.062027499	-0.399326814	1.516796666	1.629657244	0.006270496	0.039863305
YGL02_GNYA1SO04JR18S	7.264908785	-1.477985152	-0.151828457	-0.405880438	-0.193517683	0.237096211	0.707450234	3.38E-06	0.000216016
YGL02_GNYA1SO04JQ07N	5.853400021	-1.478000149	0.258113021	-0.712021755	1.013108241	-0.828939103	-0.180599114	0.003453452	0.025899951
YGL02_GNYA1SO04H1UID	4.833111453	-1.478041707	-0.326054527	0.189048318	-0.59319068	1.191084791	1.414464108	0.000243438	0.003939767
YGL02.8930.C1	5.785159146	-1.478130708	0.114555008	0.384193801	-0.064809429	0.814767976	1.495163466	2.15E-06	0.000162869
YGL02.23560.C1	4.477004538	-1.478239955	-0.542599142	-0.984080991	-0.18409171	0.629203203	1.00945057	0.000536586	0.00686696
YGL02_GNYA1SO04JH9UQ	5.122694128	-1.478756012	-2.187341061	-2.083204437	0.415708838	1.378881935	1.386205384	0.00328541	0.025007942
YGL02_GNYA1SO04ILQBC	4.721863197	-1.479043353	0.172309355	-1.154699865	1.199703628	0.548209709	1.75035646	0.005034777	0.034065435
YGL02.6997.C1	7.644738599	-1.479452112	-0.291735793	-1.22487922	-0.093309628	-0.680264131	0.210048502	4.17E-05	0.001152356
YGL02_GNYA1SO04JNNHX	7.972762141	-1.479604066	-0.299602844	-0.615611038	0.673783912	0.291122005	0.046065611	3.30E-06	0.000212833
YGL02.2282.C1	4.831283919	-1.480135078	-1.129382029	-1.598958941	-0.151454898	0.819759036	1.653247389	0.003020001	0.023553573
YGL02_GNYA1SO04JQJUL	4.1751849	-1.480274173	-1.526171982	-1.547177838	0.42655289	1.408459321	1.43596182	0.003407439	0.025648066
YGL02_GNYA1SO04IGC3E	4.656693981	-1.480356112	2.322359734	-0.011440434	0.020470641	-0.126502464	0.828086583	0.000837379	0.00945739
YGL02_GNYA1SO04IOFW2	6.601100642	-1.48045138	-0.588325072	-0.804560681	-0.708953741	1.079601776	0.969898793	4.10E-05	0.001141405
YGL02_GNYA1SO04IQ54W	7.042090166	-1.480529014	-0.325209782	-0.111160718	-0.163925321	0.662902667	0.403609151	0.000268254	0.004224015
YGL02.3705.C1	6.504820212	-1.480542853	-0.838536398	-1.214024119	-0.502359973	0.292361944	1.08414099	0.005120588	0.034473874
YGL02.11590.C1	4.658609553	-1.480766819	-0.033225289	-0.467117931	1.738453927	0.171990332	0.405723856	6.53E-05	0.001564075
YGL02_GNYA1SO04H60PZ	6.903874041	-1.480772826	-0.150599613	-1.142536566	2.607265964	0.263701809	1.104225668	0.003540305	0.026384161
YGL02_GNYA1SO04JFX6I	4.547412121	-1.480937796	-0.635247847	-0.855561308	0.881782376	1.027316418	0.364991478	0.003269124	0.024926075
YGL02.2942.C1	5.562312516	-1.481194901	-2.425746574	-2.120096972	0.380675367	2.033141754	2.023668166	0.008286752	0.048671818
YGL02_GNYA1SO04JQQF1	6.012359432	-1.481756429	-0.546836366	-0.831541629	0.131613938	0.467652242	1.75820537	6.27E-07	7.47E-05
YGL02.12546.C1	6.980178204	-1.482586226	-0.536940064	-1.162491424	-0.053339017	0.518598969	0.963656527	9.99E-06	0.00043393
YGL02_GNYA1SO04JRWMR	5.582552909	-1.482964268	-0.300938941	-2.120812998	-0.096215645	-0.154785046	1.474757568	0.002594187	0.021124413
YGL02_GNYA1SO04I3928	8.117746894	-1.483351113	-0.032520374	-0.502456075	1.075515188	0.30280731	0.623841987	7.93E-06	0.000374317
YGL02.14382.C1	8.310793183	-1.484482972	-0.148276759	-0.154014173	0.508706659	0.203027462	0.626145743	0.00025477	0.004068085

YGL02.21500.C1	9.494611461	-1.484755169	-0.196368279	-1.290442072	1.317293577	0.05009175	0.687574637	8.00E-05	0.001811881
YGL02_GNYA1SO04IC7YZ	4.271825041	-1.485592013	-1.231296864	-0.947135053	0.46867698	1.572219937	1.961099548	0.005195582	0.034855541
YGL02_GNYA1SO04I3UH7	8.869545286	-1.486118274	-0.705493049	-1.38068203	0.482906493	0.684324668	0.924397011	8.96E-06	0.00040454
YGL02_GNYA1SO04I7DQT	8.010937903	-1.487187628	-0.551401128	-0.640378739	0.098679596	0.538160803	1.214371086	2.46E-06	0.000176652
YGL02_GNYA1SO04INUER	9.185364893	-1.487696406	-0.337325598	-0.639437529	-0.265567174	0.603349358	1.292844412	2.33E-06	0.000170845
YGL02.19614.C1	6.367136243	-1.487816992	-0.212260063	-0.579737881	0.713673564	-0.020794467	0.037363538	0.002057667	0.017885851
YGL02_GNYA1SO04JE843	7.382236156	-1.488359528	2.957355985	2.40689537	-0.224635209	1.280170933	1.55935918	1.95E-07	3.63E-05
YGL02_GNYA1SO04H3DOH	13.67739869	-1.489631066	-0.156677361	-1.118008433	-0.066945263	-0.003313599	0.565579285	6.28E-09	7.01E-06
YGL02_GNYA1SO04INHBA	6.393157269	-1.489685496	-0.140272731	-0.405108144	-0.432245733	0.85374715	0.744948872	0.000832726	0.0094213
YGL02.1399.C2	11.8426093	-1.491206242	-0.662437045	-0.969560346	-0.265663557	0.287211868	1.092187526	1.78E-08	1.07E-05
YGL02_GNYA1SO04INZ37	4.715666317	-1.491453133	-0.112438409	-0.115267766	0.062801763	1.049882777	0.893163518	0.005226766	0.035013957
YGL02_GNYA1SO04IL5FF	5.619965773	-1.491498849	-0.567305584	-0.779319924	-0.232934222	0.753865228	1.406248202	0.002474649	0.020434996
YGL02.479.C47	7.113213237	-1.491981102	-0.320392638	-0.599294397	-0.413480448	-0.115552397	0.508916306	1.59E-05	0.00059263
YGL02_GNYA1SO04H13QB	5.605620451	-1.492076998	0.185739106	0.411868905	1.272860486	0.372793575	1.071949505	0.006100765	0.039118424
YGL02.7059.C1	4.761592113	-1.493582313	0.417094154	-0.388930834	0.039911598	-0.328641885	0.385242734	0.000816384	0.009293516
YGL02.1944.C1	10.7336422	-1.497270823	-0.423652231	-1.126346207	-0.087531066	0.329963726	1.174442793	1.04E-07	2.59E-05
YGL02.1455.C1	6.267644863	-1.498599425	-0.153970131	-0.0245834	0.141959963	0.571636783	0.21964975	0.000105503	0.002201119
YGL02.17624.C1	7.815265409	-1.499628702	0.064030722	-0.459175227	0.067669852	0.28706175	0.69349986	1.86E-08	1.10E-05
YGL02_GNYA1SO04IMA9C	6.243886564	-1.499860625	-0.23641533	-0.911188842	0.048259558	0.195322839	1.33337417	8.36E-05	0.001872168
YGL02_GNYA1SO04JA5O0	5.981958458	-1.50005257	-0.718768439	-0.952075926	0.025795902	0.422616955	0.820200562	4.25E-06	0.000250017
YGL02_GNYA1SO04H22ZN	6.044863076	-1.50146866	0.162006691	0.039458528	0.358332138	0.171334525	0.306045101	1.40E-06	0.000124721
YGL02.1964.C2	6.084523005	-1.501889135	-0.059997795	-0.204124667	0.372170768	0.914513129	0.324814083	0.000247903	0.003986931
YGL02_GNYA1SO04IV0YF	6.152596646	-1.501954558	0.497641457	-1.685813373	0.139391135	-0.270446359	0.240198843	0.001156228	0.011873834
YGL02_GNYA1SO04JF30N	6.734802013	-1.501992879	0.159015726	0.374023647	0.595315409	0.215294827	0.480498475	9.60E-06	0.000422849
YGL02.18116.C1	6.078507641	-1.502290673	0.298979159	0.247511304	-0.050777472	0.26645602	0.223306633	0.000177811	0.003153825
YGL02_GNYA1SO04JXJBY	5.121369747	-1.502418767	-0.582156557	-0.135809532	0.181004111	0.861251638	-0.635185537	0.00129046	0.012830085
YGL02.14081.C1	7.678801255	-1.503101357	-0.050916312	-0.512191111	0.590207878	0.407405338	0.365766056	3.35E-05	0.000992992
YGL02.649.C1	9.146999486	-1.504600834	-0.392929005	-0.869588523	-0.130882194	0.019848138	0.238914203	3.63E-06	0.000226598
YGL02_GNYA1SO04ILFPU	4.31783683	-1.504943755	-1.521800923	-0.995026853	0.071320568	1.621623599	1.075756926	3.64E-06	0.000226758
YGL02.6710.C1	5.64252488	-1.505870377	0.295090592	-0.097819338	0.262329098	-0.422984567	0.27475031	0.00417005	0.029690587
YGL02_GNYA1SO04H88JI	5.994175672	-1.506189643	-0.057872916	-0.732285055	-0.012522447	0.241378242	0.531754301	0.000137041	0.002637186
YGL02.9085.C1	11.02141688	-1.508078115	-0.204596056	-0.971878336	0.061751193	0.324521422	1.093339784	5.35E-09	6.48E-06
YGL02.52.C2	7.351640788	-1.508491225	-0.339560109	-0.947025433	-0.147467148	0.598809389	1.22374419	1.96E-06	0.000154106
YGL02_GNYA1SO04I4U5U	7.725054721	-1.508901212	0.074395038	-0.59064526	-0.134260154	0.33960183	1.407325448	2.62E-06	0.000184122
YGL02_GNYA1SO04H2582	4.720647239	-1.509586362	-1.277862238	-1.522987276	-0.523237585	1.212776156	1.500898854	0.007818177	0.046772455
YGL02_GNYA1SO04IIJFB	5.147317604	-1.509674736	-0.107405605	-0.41448226	-0.097642745	0.766594923	1.280146333	0.001260046	0.012618201
YGL02_GNYA1SO04JL78R	6.678780095	-1.510519795	-0.106592601	-0.649566308	1.230311568	0.459333533	0.473797606	4.64E-06	0.000264101
YGL02_GNYA1SO04JAWXH	7.698160837	-1.511034528	-0.083975903	-0.97179894	2.224254847	0.359088698	1.133688138	0.003594226	0.026669973
YGL02.9296.C1	5.958535767	-1.51225705	-1.321359543	-0.170011947	-0.51458229	0.979995465	1.702117789	0.000116985	0.00236117
YGL02.648.C1	5.001445962	-1.512494349	0.124019869	-1.219504772	0.759600242	-0.587532117	0.928463113	0.002551037	0.020878118
YGL02_GNYA1SO04IRLVM	6.321104868	-1.512859244	-1.100111151	-0.995441346	0.955368025	0.195625333	1.023834409	5.99E-05	0.001474045
YGL02_GNYA1SO04ICR47	4.357460417	-1.51362813	-0.367997428	0.025041037	0.340772564	0.151419338	-0.314728454	3.07E-05	0.000934197
YGL02.5405.C1	4.658798465	-1.514589811	-0.321924879	-0.859970422	0.741493091	0.127453591	1.400362412	0.006872237	0.042532308
YGL02.20491.C1	6.7442017	-1.51526752	-0.558215967	-1.021219595	-0.131655525	0.517956557	0.499469305	0.000352197	0.005117101
YGL02.22387.C1	7.113346005	-1.51603139	0.20534409	-0.700941531	0.183102377	0.434095771	0.627565084	1.29E-05	0.000511113
YGL02.6224.C1	8.429612593	-1.517353773	-0.651992002	-2.312615029	-0.041525071	0.159617481	0.714351375	7.66E-05	0.001756158
YGL02.10092.C1	6.768537731	-1.518255818	-0.284191146	-0.812787513	-0.254606769	0.650671755	1.210678328	0.001291831	0.012836663
YGL02.9794.C1	10.00219628	-1.519207265	-0.045143648	-1.370035839	0.200740401	-0.005319784	0.218956059	3.87E-08	1.55E-05
YGL02_GNYA1SO04JPGFJ	4.628712188	-1.519951201	0.410415639	0.224319504	0.481243575	0.552876812	0.954917532	0.000131374	0.002562153
YGL02.12910.C1	5.011881374	-1.520538695	0.356956011	-0.66376549	-0.195178154	0.098117624	1.491293138	0.007420516	0.045014756
YGL02_GNYA1SO04JLV19	5.428974516	-1.52160839	0.048531027	0.325769683	-0.068384212	0.315307203	0.666061388	0.000438687	0.005951076
YGL02_GNYA1SO04IY2T7	6.171320227	-1.522323665	0.131295667	-0.373919368	0.632094222	0.058992833	-0.308380477	2.16E-05	0.000732068
YGL02.19202.C1	4.22447235	-1.523470065	0.528767184	-0.434450723	0.545414259	-0.248140461	0.248277217	0.000459971	0.006159157
YGL02_GNYA1SO04IK11LS	6.531426986	-1.523887759	-0.683033165	-0.87062736	0.30082468	0.736501385	1.282036016	1.49E-05	0.000564328
YGL02.1736.C1	7.926384014	-1.524843451	0.084198024	0.042852516	-0.128185781	0.034361949	0.670351086	2.53E-05	0.000814359
YGL02_GNYA1SO04JPPWH	7.728987816	-1.525993252	-0.31036215	-0.631287761	0.720209632	0.390886936	0.435093317	0.000247856	0.003986691
YGL02.1164.C1	4.707149004	-1.526091698	-0.418595547	-1.0693198	0.2068162	0.469354074	0.982446819	0.001016327	0.010832277
YGL02.20966.C1	4.841356103	-1.526425106	0.117459553	-0.59608922	0.049222741	0.977443616	1.64216344	1.00E-05	0.00043444
YGL02_GNYA1SO04H7JK8	4.616005145	-1.526804931	-1.865098839	1.180842427	0.521632821	1.2851776	1.182565535	0.002425623	0.020134154
YGL02_GNYA1SO04I0RZ9	4.406988921	-1.52727666	-0.404032646	-1.417665407	0.388393237	0.234256205	1.532948853	0.005313952	0.035433043
YGL02_GNYA1SO04JW1Y7	6.795071468	-1.528411491	-0.897038946	-1.104485408	0.461286779	0.7889178	1.604946695	0.006902207	0.042668545
YGL02_GNYA1SO04I3LSC	8.462859466	-1.528722728	0.051327515	-0.916414825	-0.002817712	0.274296616	1.281662254	2.59E-07	4.28E-05
YGL02_GNYA1SO04H2A5L	7.559939605	-1.528970769	-0.004796793	-0.517876574	0.909280166	0.324320561	0.313949142	7.24E-07	8.19E-05
YGL02.21765.C1	5.221219874	-1.529092755	-0.871389973	-1.40884654	0.177353634	0.74766471	0.932973139	0.000750602	0.008752935
YGL02.12367.C1	4.145929462	-1.529228908	-0.987759357	-0.351311632	0.459650817	1.297316031	0.792847939	0.000529288	0.006799034
YGL02_GNYA1SO04I9R3X	8.091339924	-1.52943363	-0.10914924	-0.607813043	0.230969107	0.192654512	0.653829713	1.07E-07	2.65E-05
YGL02_GNYA1SO04H0TBP	14.05530031	-1.530162394	-0.237566216	-1.151213227	-0.047424987	0.014458024	0.61254093	1.16E-07	2.74E-05
YGL02.4.C35	4.669521282	-1.530407705	-0.612774049	-1.097074615	0.094758713	0.453357488	0.835832671	0.004456434	0.031137285
YGL02_GNYA1SO04IQ4WG	7.466008976	-1.530517203	-0.121848761	-0.734225622	-0.020708409	0.329604881	1.228969663	2.87E-06	0.000194671
YGL02_GNYA1SO04H5ENV	14.09184854	-1.530592211	-0.315035457	-1.135325887	-0.083531623	0.068528594	0.592531433	1.31E-08	9.30E-06
YGL02_GNYA1SO04JYYGB	9.983465719	-1.530874264	-0.139497865	-0.960625205	-0.443837138	0.302818245	0.974075569	1.29E-07	2.86E-05
YGL02.4680.C3	4.582040465	-1.531249949	-0.244859568	-0.61952751	-0.209638937	0.624834051	0.677890173	0.000980511	0.010569633
YGL02_GNYA1SO04IOB5U	6.012947069	-1.532594439	-0.819084098	-0.375569982	-0.183787951	0.840160092	0.753990465	0.000398591	0.005581994
YGL02_GNYA1SO04I58L2	5.296528324	-1.532709251	0.119532223	-1.027767965	-0.348316754	0.801951482	1.784675778	0.005465977	0.036152616
YGL02.6463.C1	5.579152935	-1.533217571	-0.083921223	-0.968708517	0.190424032	0.337247699	1.240926541	0.000254598	0.004066343
YGL02.422.C1	8.897198918	-1.533658343	-1.151386161	-0.999065573	0.277119892	0.838336732	1.389599992	0.006812318	0.042265781
YGL02.21433.C1	4.03887242	-1.534929456	0.191317483	-0.404547362	1.573594437	0.322240118	0.814705259	0.002756416	0.022081652
YGL02_GNYA1SO04H61UA	5.249330518	-1.535073914	-0.498989837	-1.097390685	0.688428352	0.653049955	1.617376163	0.006671111	0.041671617
YGL02.11097.C1	4.9066567	-1.535284624	-0.272339833	-0.755512608	0.191751224	0.165733672	0.354601758	5.49E-05	0.001388346
YGL02.9557.C1	6.459665911	-1.535740619	-0.37276724	-0.391250722	-0.646230543	0.615414134	0.728056916	0.000236452	0.003860804
YGL02.22622.C1	4.805366692	-1.535872934	0.123452398	-1.048557279	0.163466534	-0.156234934	1.21654981	5.41E-06	0.000292392
YGL02_GNYA1SO04JXQQW	7.479924385	-1.536493304	3.118786612	2.882851644	0.556047651	1.865238362	1.864000407	3.51E-05	0.001027579
YGL02.19114.C1	6.582739834	-1.536498367	-0.129505053	-1.469870644	0.827573596	0.084738453	-0.066290411	0.001007598	0.010767978
YGL02.7777.C1	5.406273902	-1.536720231	0.223710099	-0.739641159	0.310130352	0.393905236	1.634041339	9.46E-06	0.000418807
YGL02_GNYA1SO04IHV7M	14.06880475	-1.537418563	-0.355415474	-1.232930878	0.149136584	0.25206258	1.108094877	1.22E-06	0.000114781
YGL02.11388.C1	6.079455326	-1.537708583	-0.624590728	-1.721294874	-0.270360614	0.60061496	1.479154602	0.002444268	0.0202446
YGL02_GNYA1SO04IQ73P	4.454083309	-1.538323985	-0.05519499	-1.546337466	0.256121978	0.3556987	1.373886393	0.004934871	0.033588514
YGL02.19806.C1	6.075476158	-1.538618434	-1.497933194	-2.420479262	-0.017058668	0.542801087	1.189501698	0.000273268	0.004282665
YGL02_GNYA1SO04IKWY9	4.49861921	-1.538863255	-1.289473363	-0.751690513	0.210159391	1.728219964	0.592150492	0.000796396	0.009122654
YGL02_GNYA1SO04H1KZQ	4.319839948	-1.53908972	-1.310649274	-1.305256305	0.108341646	1.753711946	1.76816462	0.002516475	0.020680161

YGL02.3752.C1	6.652079748	-1.539948606	-1.273369111	-3.079208152	-0.151436979	0.325011758	1.262637662	0.001786835	0.016216157
YGL02_GNYA1SO04IFTLS	4.486118626	-1.541555017	-1.522804481	-1.650807302	0.072582859	2.320079107	1.562216956	0.000354532	0.005137771
YGL02.18997.C1	6.947493406	-1.54206198	-0.1488343	-0.031126161	-0.018905571	0.265063806	1.255461326	1.09E-07	2.65E-05
YGL02.10512.C1	5.912873981	-1.542620879	0.234496157	-0.950246472	-0.857337634	0.057374309	1.735475293	0.001252567	0.012563296
YGL02_GNYA1SO04JK92L	4.975781508	-1.543358591	-0.070256255	0.106990599	-0.025711065	0.837995336	0.427278269	0.003160828	0.024337794
YGL02.226.C1	6.833568411	-1.543538728	0.040268737	-1.017092934	0.14204119	0.424262537	1.374409193	6.58E-05	0.001573868
YGL02.19948.C1	9.893054287	-1.544093049	0.143579712	-0.11587506	-0.027632054	0.396016094	0.753924368	1.01E-07	2.57E-05
YGL02_GNYA1SO04IBRYI	4.495008479	-1.544926492	-1.114508936	-1.543678814	-0.225773559	1.138166506	1.570318269	0.00435054	0.030605468
YGL02_GNYA1SO04IL7GV	4.37918556	-1.545382168	-1.484379207	-1.340993635	-0.048178218	1.817799352	1.392033386	6.88E-06	0.000340915
YGL02.16342.C1	4.401627823	-1.546644826	-0.024858182	0.023069485	0.658873329	0.18149424	0.450602599	0.000417187	0.005758348
YGL02_GNYA1SO04IHWUH	4.973592894	-1.546696061	0.147917766	-0.819336666	0.272754841	0.228709571	0.950109445	0.002657868	0.021496974
YGL02_GNYA1SO04I8XD2	6.168015623	-1.547344781	-0.216326947	-0.817348709	0.216602009	0.429356079	1.248929261	0.004719592	0.032485217
YGL02.2147.C3	13.97548743	-1.547757033	-0.368810524	-1.293663489	0.168541743	0.206542522	1.141572333	9.50E-08	2.51E-05
YGL02.20912.C1	6.519717618	-1.548113944	-0.359117451	-1.045395936	0.026731691	0.359876283	0.755516727	7.58E-05	0.001742381
YGL02.15246.C1	8.318173227	-1.550602806	-0.221792065	-0.279746956	-0.047250524	0.062150558	0.75977987	1.46E-07	3.05E-05
YGL02.325.C1	6.92717138	-1.550812774	0.485166971	-0.329717397	-0.216109647	0.260172116	1.116653156	3.34E-05	0.000991739
YGL02_GNYA1SO04J0TRT	4.850223338	-1.551536951	0.194136528	-0.63930923	1.053910332	0.31026813	1.487896409	0.001019139	0.010854926
YGL02_GNYA1SO04H8CW9	7.402101034	-1.551660138	-0.384050142	-0.844950756	-0.149793728	-0.056049639	1.021803897	0.000488189	0.006418258
YGL02.3182.C1	5.298971292	-1.552027311	-0.241317008	-0.418298152	0.359354257	0.602077667	1.308565649	0.000418131	0.005767692
YGL02.1887.C1	5.895059856	-1.552444357	-1.098703118	-1.220018047	-0.197369997	0.698422201	1.306678071	0.00031833	0.00477284
YGL02_GNYA1SO04JIB9N	5.144126271	-1.553236875	-0.692036963	-0.761047543	0.537680232	0.652674144	0.391422766	0.000520044	0.006708287
YGL02_GNYA1SO04IIZ7X	4.544064512	-1.553607906	-0.76424544	-1.719576588	0.002728846	0.732443589	2.12416774	0.003209657	0.024597206
YGL02.8848.C1	7.652568863	-1.553962352	0.309027309	-0.063218092	-0.208415493	0.309176818	0.811376644	3.42E-05	0.001008477
YGL02.2342.C1	13.97853512	-1.554592947	-0.327430994	-1.194078821	-0.0101064	0.09825269	0.628797146	6.26E-09	7.01E-06
YGL02_GNYA1SO04H2VHF	8.575730862	-1.556437654	-0.061003572	-0.644057499	0.626503149	0.186891762	0.342180487	2.38E-05	0.00078082
YGL02_GNYA1SO04JPTZM	4.916208119	-1.556803964	-1.793850539	-1.505755962	-0.194058064	2.183835687	1.876465391	0.002502583	0.020592136
YGL02.17601.C1	4.183873878	-1.557252425	-0.053699907	-0.582543386	0.820778935	-0.166938859	0.612173234	0.001017783	0.010844219
YGL02_GNYA1SO04I87XD	6.02540618	-1.55792091	-0.550428389	-1.005754734	0.388781933	0.238645366	1.448225881	7.59E-06	0.000363818
YGL02.900.C1	6.714896964	-1.558189002	-0.780844162	-0.52083484	-0.23057127	0.792381218	1.112852588	7.20E-07	8.18E-05
YGL02.227.C5	4.577401403	-1.558571026	-0.166203686	-1.10299922	-0.083088449	0.24194121	1.119281221	0.002139404	0.018393848
YGL02.7554.C1	8.819230617	-1.558589568	-0.134350797	-0.425102048	0.958391978	0.236369816	0.398502198	8.23E-05	0.00185243
YGL02.2888.C1	5.089274111	-1.558736851	-0.350351301	-2.00154204	1.404467165	-0.073665092	1.074916095	0.002047781	0.017834008
YGL02_GNYA1SO04JL6Q7	4.873990514	-1.559071121	-0.314652765	-0.779377551	0.643921827	0.628178426	1.28642125	0.00821967	0.048424972
YGL02.6210.C4	5.939963555	-1.559412989	-0.278980219	-0.889682791	0.576009914	0.131120497	0.585228761	0.001102741	0.011475612
YGL02_GNYA1SO04IP62A	7.257320965	-1.560821717	-0.093893445	-0.551784776	1.632833739	0.165801689	0.551251501	9.15E-08	2.45E-05
YGL02_GNYA1SO04JG79B	7.781921624	-1.56108688	0.12364864	-0.275523195	-0.024494933	0.674622936	1.181704342	3.76E-08	1.53E-05
YGL02.10100.C1	7.0680722	-1.561100955	-0.242879561	0.025685283	0.525250117	0.104547398	0.45548676	3.13E-06	0.000205386
YGL02.2078.C1	8.073483451	-1.561266343	-0.241815425	-1.442090963	-0.396266863	-0.571585721	0.710499632	1.22E-06	0.000115133
YGL02_GNYA1SO04JDUAU	4.298866572	-1.561565281	-0.426852729	-1.537448679	0.16414277	0.589282033	1.818881854	0.000453454	0.006095215
YGL02_GNYA1SO04H49O5	8.087699669	-1.562576532	-0.373508254	-1.033186456	0.138369732	0.649053243	1.141417318	5.61E-05	0.001408166
YGL02_GNYA1SO04IQEUW	5.188917183	-1.563652801	0.161609447	0.225805034	-0.204426465	1.113574204	1.635148404	0.000376522	0.005359881
YGL02_GNYA1SO04JPEF4	5.235665729	-1.564447909	0.192516397	-2.503095531	0.29061374	-1.119001867	1.830993295	0.001372501	0.013406261
YGL02_GNYA1SO04JFR1M	4.768090321	-1.564918587	-0.197234823	-0.84601961	0.400660226	0.370015585	1.197881841	0.001851179	0.016617471
YGL02.20341.C1	4.834730042	-1.565699309	0.406004554	-1.051731336	0.262271897	-0.108290923	1.707262917	0.000646687	0.007856349
YGL02_GNYA1SO04JLF5W	6.224909551	-1.56639868	0.573419548	-0.275087676	0.092136881	0.166945209	0.303135892	7.46E-05	0.001724305
YGL02_GNYA1SO04JU02N	4.1714132	-1.567004231	-0.913523534	-1.005947701	0.337900502	0.971200875	1.0267918	0.006388933	0.040411904
YGL02.15605.C1	5.954312769	-1.567463307	-1.255256596	-2.465380045	1.034126262	1.060811844	1.524402201	0.000585584	0.00730839
YGL02_GNYA1SO04JWBOQ	7.39303645	-1.569714214	-0.369569351	-1.00765602	0.074081137	0.305303677	0.140369677	5.50E-06	0.0002949
YGL02.4835.C1	5.579887234	-1.570001234	0.015297758	0.269190134	0.061604714	0.490007993	0.528384748	7.89E-05	0.001795026
YGL02_GNYA1SO04JG4OQ	7.230178532	-1.570117301	0.377509309	0.120604235	-0.189957193	-0.196215326	0.774951612	4.63E-08	1.75E-05
YGL02_GNYA1SO04H213F	8.672352692	-1.5705527	-0.124295123	-0.719963932	-0.577740492	0.61622221	1.312835588	0.000687136	0.008200411
YGL02_GNYA1SO04JKMHM	4.807627044	-1.570894201	-0.639609958	-0.502431916	1.503585039	1.190446731	0.356366084	0.006017702	0.038750835
YGL02_GNYA1SO04JZA1I	7.889968231	-1.571236627	-0.331792425	-1.22783793	-0.316160242	0.739097647	1.220243075	0.000148644	0.002793485
YGL02_GNYA1SO04H3VEG	4.988392723	-1.571590603	-0.254933214	-0.69442221	0.097710468	0.378621942	0.770508871	0.007641912	0.045979226
YGL02_GNYA1SO04H89LP	14.04692442	-1.571668189	-0.290772766	-1.204757479	-0.071833187	0.077249239	0.673460038	4.88E-09	6.20E-06
YGL02.5595.C2	6.647024096	-1.572548002	-0.244838035	-0.437697153	-0.293691724	0.649566936	1.517167409	7.68E-08	2.22E-05
YGL02.11016.C1	4.574288414	-1.573103788	0.01662455	-0.334306401	0.479359345	-0.068234856	0.3735543	0.000195528	0.003376517
YGL02_GNYA1SO04IE09P	6.873834455	-1.573190282	0.025296363	-1.317725057	0.061501948	0.1379983	1.276029903	1.74E-06	0.000143249
YGL02.18442.C1	6.181647821	-1.573481112	-0.114977306	-0.319517607	0.649005215	0.544184532	0.998411802	0.000203893	0.003474188
YGL02_GNYA1SO04JET60	7.880815405	-1.574916179	-0.04279086	-0.403195039	1.323787831	0.238882955	0.306654742	0.000245216	0.003957994
YGL02.11352.C1	5.204907683	-1.575016786	-1.174584108	-0.42964318	-0.504952155	1.435468702	1.58860639	0.002081329	0.018040663
YGL02.1889.C1	4.589845309	-1.575704614	-0.292505538	-1.114986429	0.871820522	0.995618863	1.362656906	0.002720568	0.021883089
YGL02.114.C5	4.870721385	-1.576270272	-0.504740288	-1.636677937	0.111853427	0.127966279	1.113461328	0.000341268	0.005008332
YGL02.22971.C1	7.465959126	-1.577914619	0.880425031	-0.834943943	-0.218223502	0.31491225	0.432552812	9.31E-05	0.002023905
YGL02.4520.C1	5.494757171	-1.578223449	-0.834405456	-1.31416427	0.294842747	1.393712289	1.943306346	0.000944234	0.010299549
YGL02_GNYA1SO04JXYWK	7.395423781	-1.578415042	-0.113409245	-0.87572728	-0.286988322	0.20461667	0.594790645	2.79E-06	0.000191139
YGL02.13703.C1	6.763317489	-1.579049659	-0.673295306	-1.657186898	0.310826272	0.409410711	0.917033448	0.001718635	0.015769824
YGL02.9549.C1	6.439860719	-1.581099921	-0.071132868	-0.16596501	0.669349779	-0.007900363	1.039144674	0.005174091	0.034740164
YGL02.18127.C1	6.382727541	-1.581199778	-1.030709948	-1.23602086	0.49053116	0.637436246	1.287754766	0.001875219	0.016762393
YGL02.18618.C1	5.552170387	-1.581613903	-2.621463744	-2.34152161	-0.154685797	1.640558599	1.644668797	1.50E-05	0.000567374
YGL02.502.C1	4.571532034	-1.582990545	-1.465567836	-1.623854187	0.100948996	1.56375396	1.728635872	3.05E-06	0.000202049
YGL02_GNYA1SO04JR01I	5.017705296	-1.583335978	-0.255377729	-1.203542232	1.03014224	0.152139618	0.899056207	0.001709315	0.015708867
YGL02_GNYA1SO04JFHZ1	4.549362599	-1.584425791	-1.365584622	-1.419259168	0.272984751	1.126629203	1.188856331	0.003445496	0.025856757
YGL02_GNYA1SO04INPAD	5.264732651	-1.584771794	-0.359344221	-1.696627248	0.541038148	1.541466815	2.060969147	0.001284357	0.012785101
YGL02.15025.C1	5.394440169	-1.585004311	0.993558509	-0.501915019	0.509410524	0.093152053	0.356994431	0.000157688	0.002903498
YGL02_GNYA1SO04IJ2RL	5.592256688	-1.585009846	-0.76024229	-0.54864623	0.235389873	0.195321016	0.691718083	0.003919709	0.02835561
YGL02_GNYA1SO04JGAS2	6.728805906	-1.585644833	0.013625637	-0.807654669	0.548096249	0.115267754	0.221087986	4.67E-05	0.001244437
YGL02.22735.C1	4.73116066	-1.586512206	-1.638162687	-0.781965626	-0.452421691	1.620869844	1.75507011	0.005409157	0.035881265
YGL02.4057.C2	8.435140829	-1.587463991	-0.035934933	-0.909388534	0.114103751	0.522760092	1.148549425	1.02E-06	0.000102381
YGL02.14591.C1	6.805245276	-1.587661243	-0.199567017	-0.658802186	-0.672166856	0.849707466	1.160228572	6.20E-06	0.000318153
YGL02.23257.C1	7.021442708	-1.588799461	-0.297419182	-1.005880905	-0.355593836	0.779150623	1.08127105	5.23E-07	6.63E-05
YGL02_GNYA1SO04H083F	5.676500823	-1.589185787	-0.196426827	-1.295634462	1.548811189	0.290075459	-0.243527135	0.007308902	0.04452589
YGL02_GNYA1SO04IUT27	6.626113338	-1.589280076	-0.245512955	-0.184507311	-0.510545785	1.281706909	0.643817931	3.16E-05	0.000955233
YGL02_GNYA1SO04JHJQI	5.512106222	-1.589368801	-0.223637737	-0.663377205	0.628132153	0.677738331	1.490281443	0.001468356	0.014090323
YGL02.17182.C1	4.431043479	-1.58944441	-0.230943833	0.011353015	0.45615748	0.22020463	0.199905772	3.06E-05	0.000934057
YGL02_GNYA1SO04JJHZ4	6.101328944	-1.58963496	-0.068813164	-1.294124235	-0.198438589	0.504840008	1.425749823	0.004636282	0.032049774
YGL02.4388.C1	6.571653352	-1.590997841	-0.049269862	-0.83189873	0.0103108	0.72872036	1.507231767	5.80E-07	7.11E-05
YGL02_GNYA1SO04I92KO	8.438225958	-1.590998854	0.141361997	-0.61408479	1.46973014	0.143619341	0.163029572	0.000822647	0.009339908
YGL02_GNYA1SO04H2OEL	4.804016376	-1.591625327	-0.181380095	-0.706974022	-0.085078437	0.588238835	1.349681999	0.006726077	0.041913876
YGL02.11120.C1	4.386243696	-1.592550855	-0.234538163	-1.330915728	0.150412261	0.219016764	1.462709714	8.17E-07	8.89E-05

YGL02.6210.C5	5.811036689	-1.594082814	0.035336122	-1.331820904	-0.703879056	-0.292412706	1.964006001	1.36E-05	0.000529592
YGL02_GNYA1SO04JMN77	8.346686737	-1.594605097	-0.196939299	-0.661989031	1.007987482	0.257465912	0.505552741	1.15E-05	0.00047368
YGL02_GNYA1SO04IJ54X	5.563832303	-1.597534987	0.391057315	-0.566675489	0.410602129	0.217962336	1.272571003	0.000149809	0.002807515
YGL02_GNYA1SO04JQYTL	8.84783057	-1.597682978	-0.37976973	-1.487025103	-0.368534186	-0.061544389	0.364737509	8.70E-06	0.000397001
YGL02_GNYA1SO04IZU7G	5.826412791	-1.59771403	0.405049765	0.206120341	0.880709699	0.434957238	0.466581869	0.000416866	0.005754525
YGL02_GNYA1SO04H9EWP	6.450155753	-1.597954698	-1.68921936	-1.491063418	0.019429841	0.891129031	1.162701608	0.000577908	0.007244705
YGL02.6294.C3	12.45295165	-1.598274549	-0.028208361	-0.327106541	-0.426484654	0.310799493	0.699967917	4.43E-06	0.00025729
YGL02.7344.C1	6.018283962	-1.599409234	-1.237388296	-0.722322819	-0.40909685	0.741585697	1.579695122	0.000820753	0.009325768
YGL02.17997.C1	5.265710056	-1.599606498	-0.14717148	-1.672526529	1.026804078	-0.185427018	0.240886236	0.002272811	0.019223045
YGL02_GNYA1SO04JKKZC	7.924105759	-1.600209467	-0.273141189	-0.77139087	-0.231025537	0.088078727	0.416355669	1.92E-05	0.000674473
YGL02_GNYA1SO04I5GN2	5.268995149	-1.600346296	-0.600295441	-1.118990767	-0.097085724	1.187047213	0.759810573	0.005755239	0.037540467
YGL02_GNYA1SO04I559A	6.252339114	-1.600355797	-0.2623712	-0.725721457	-0.39164598	0.612174057	1.043788183	0.00018656	0.003264747
YGL02_GNYA1SO04I4J50	5.497263607	-1.600401472	-0.219548152	-0.286894605	-0.250573256	-0.315069705	-0.42210984	0.000106073	0.002208388
YGL02_GNYA1SO04I5AL3	9.059998148	-1.601054034	-0.295948443	-0.815290414	-0.161578124	0.616683853	1.3471554	1.16E-06	0.000111597
YGL02.23054.C1	7.304249245	-1.601967039	-0.544958561	-1.381713316	0.09417336	0.236287717	0.69258437	7.84E-05	0.001789663
YGL02.1583.C1	4.801350071	-1.602662659	-0.16731077	-0.944500154	0.276810306	0.261664864	0.921749297	0.000307546	0.004660881
YGL02.20373.C1	4.448846463	-1.602890502	-0.619288589	-0.882334271	0.135283643	0.644345324	0.948593373	4.02E-07	5.64E-05
YGL02_GNYA1SO04IEEFA	8.254162083	-1.603358649	-0.481407837	-0.818491355	0.018911217	0.366043397	1.143396127	5.66E-07	6.98E-05
YGL02_GNYA1SO04IVTBM	4.909015941	-1.60357429	-1.207930194	-0.552363339	-0.341063102	2.147965863	0.684170989	0.002678223	0.021606284
YGL02_GNYA1SO04IWFT6	4.518288798	-1.603669852	0.388793687	-0.294684877	0.611639973	0.207083616	0.263112156	0.002943679	0.023107228
YGL02.2342.C2	12.93631293	-1.603755643	-0.236929383	-1.22093843	0.234754922	0.051774963	0.695395528	8.39E-09	7.34E-06
YGL02_GNYA1SO04H2OLV	5.081413801	-1.604207055	-0.243198172	-1.431315287	-0.460075936	0.388002391	1.582244406	0.003134949	0.024186325
YGL02.18711.C1	5.613381604	-1.604353594	-0.100218958	-1.69789984	-0.125812123	0.345564209	1.098024072	0.000436353	0.005928466
YGL02.4903.C1	7.18464784	-1.604494183	-0.170732056	-0.628163572	0.176332108	0.294197373	0.736140401	8.38E-05	0.001874618
YGL02_GNYA1SO04JN7SV	4.470452617	-1.60497606	0.420037977	-0.002740357	0.949256594	-0.300116336	0.930446628	0.003781052	0.027639737
YGL02.5357.C1	5.049274833	-1.605100408	-0.62845842	-0.153568192	0.584256963	1.340362904	0.966055435	0.005013512	0.033970224
YGL02.3800.C1	5.825236601	-1.605848946	-0.950224507	-1.238114114	-0.105584186	1.370810079	0.94930448	0.002850933	0.022623298
YGL02_GNYA1SO04JD4TE	9.123238563	-1.607363946	-0.324371153	-1.32619937	0.18066563	0.530999406	1.04266514	8.98E-06	0.000405125
YGL02_GNYA1SO04IRND6	5.687458574	-1.607971793	-1.634351321	-1.081642066	0.184947547	1.434956017	0.368570279	0.001074331	0.011265978
YGL02_GNYA1SO04IWQ4N	6.588127262	-1.608057201	-0.045046236	-0.816613624	1.264298226	0.276568169	0.419247511	4.58E-05	0.001230677
YGL02.5511.C1	7.570553845	-1.608116831	0.134034244	-0.29924039	-0.328728547	0.646125005	0.376179809	0.000296071	0.004533657
YGL02_GNYA1SO04JFLUO	4.373743604	-1.608576524	-1.614858754	-1.004534302	0.196088646	1.812968591	1.446483082	0.00362344	0.026813002
YGL02_GNYA1SO04IYVNO	5.545383124	-1.610056905	1.068156055	0.041545253	-0.535378015	-0.439864148	0.278446517	0.005825332	0.037852764
YGL02_GNYA1SO04H3UCI	7.975650758	-1.611456516	-0.455912381	-0.623741199	-0.059562399	0.602643495	1.348623064	8.59E-05	0.00190534
YGL02_GNYA1SO04IFWAJ	8.695668966	-1.611606231	0.20536886	-0.533840304	1.203256573	0.302257204	0.355137531	0.001627587	0.015166508
YGL02.4357.C1	4.745064308	-1.611781638	0.001929853	-0.98633434	1.97543735	0.244257067	1.245304149	0.000161529	0.002951561
YGL02.6294.C1	13.21313591	-1.61245627	-0.046196521	-0.03136206	-0.059746707	0.296146693	0.702849048	2.17E-08	1.19E-05
YGL02.13477.C1	4.679326786	-1.613691894	-0.944078395	-0.888444803	0.161556187	0.782594405	0.562490628	3.51E-05	0.001027579
YGL02_GNYA1SO04I142T	4.409300158	-1.614426772	0.404009021	-0.094891643	1.296086281	-0.299643254	0.115073788	0.004425918	0.030985926
YGL02.23094.C1	6.256284352	-1.614832276	0.12225552	-0.650237562	1.233018155	0.309002986	0.786994865	0.000974521	0.010520037
YGL02.4147.C1	4.689855743	-1.615592514	-1.324103599	-1.367526479	-0.214069747	1.507111749	1.820146568	5.46E-06	0.000293993
YGL02.1534.C1	11.24886301	-1.617385307	0.166539834	-0.689931865	-0.084244425	0.239696917	1.248728209	6.25E-08	2.06E-05
YGL02.2942.C3	7.239092814	-1.617495406	-3.425343295	-4.321566552	0.395514941	0.779390412	1.622312742	0.00330107	0.025086932
YGL02.2342.C3	13.91754325	-1.619638808	-0.368781532	-1.296437638	-0.189231856	0.096822119	0.69112885	3.86E-09	5.56E-06
YGL02.30.C8	6.771574655	-1.619815176	-1.189077611	-1.244261603	-0.211751572	1.332695457	0.858048493	0.000971064	0.010494962
YGL02_GNYA1SO04H3M0O	9.546101411	-1.620333772	-0.188505106	-1.130904848	-0.260304554	0.147038824	1.014198739	7.56E-09	7.09E-06
YGL02_GNYA1SO04IAJ5H	8.868423298	-1.620904017	-0.433891525	-1.195523068	-0.013612396	0.440748924	0.453983031	5.21E-08	1.89E-05
YGL02_GNYA1SO04JE6V1	5.809832454	-1.621127556	0.238514611	0.055839418	-0.344755008	0.89499827	1.042338776	4.19E-05	0.001155865
YGL02_GNYA1SO04JM2RG	5.076273675	-1.621330229	0.243994041	-1.578302101	0.357309409	1.006234339	2.277806175	0.002429015	0.020157136
YGL02.14451.C1	9.925625184	-1.621680003	-0.445711407	-0.403571666	-0.063106385	0.116952974	0.456168901	3.21E-08	1.43E-05
YGL02_GNYA1SO04ILMI7	4.764626585	-1.621780572	0.182445628	-0.296438593	1.338584361	0.009747972	0.463808681	0.000239428	0.003895144
YGL02.23076.C1	4.629758746	-1.621822851	-0.814012645	-0.458763239	0.735013686	1.073300947	0.409582534	0.003749041	0.027473973
YGL02.16975.C1	7.695664173	-1.622167359	-0.710037721	-1.288045688	0.250644302	0.017066099	0.344147458	3.76E-06	0.000231562
YGL02.15493.C1	9.208634159	-1.62253488	-0.192341988	-0.676892237	0.284701321	0.451336611	0.547603689	6.49E-05	0.001558024
YGL02_GNYA1SO04JLEHL	5.458501296	-1.622794463	-0.006103121	-0.262186495	-0.640426321	0.25448986	0.348694593	0.001194977	0.012153093
YGL02.1792.C1	7.514372306	-1.622940664	0.05323181	-0.223407767	0.200437648	0.243859991	0.643307992	6.89E-05	0.001627112
YGL02.22351.C1	6.218164749	-1.622978428	0.195642232	-0.698806288	-0.367648842	0.235261328	1.055727363	1.22E-05	0.00049113
YGL02_GNYA1SO04JN0H7	7.503977063	-1.623231864	0.086062851	-0.104755432	0.352725325	0.71909619	0.591419174	0.000300517	0.004584323
YGL02_GNYA1SO04I1C33	6.097107116	-1.623455623	0.174818725	-0.504319022	-0.109893813	0.633363365	0.501002879	0.001673575	0.015458229
YGL02_GNYA1SO04JO9V2	4.504634894	-1.623611608	-1.319748656	-1.421083516	0.366882284	1.030229352	1.173977803	0.000165977	0.003006321
YGL02.8323.C1	7.337482088	-1.624316963	-0.321643993	-1.076352005	-0.358035761	0.152546064	0.936659751	1.80E-09	3.69E-06
YGL02.13850.C1	4.842712624	-1.625268124	-0.819458037	-1.019094175	0.310268577	1.077273195	1.113603663	0.000414554	0.005735336
YGL02_GNYA1SO04IND4M	5.732266254	-1.625285301	-0.384410101	-0.27040381	0.508595802	0.961830142	0.648802638	6.24E-05	0.001514754
YGL02.7611.C2	7.226069173	-1.625923866	-3.843785735	-4.051422751	-0.140282516	1.336080141	1.524911276	1.91E-06	0.000151439
YGL02.16248.C1	6.433449304	-1.625995992	-0.286573928	-1.159800524	0.679504729	0.19254916	0.009388835	0.000286825	0.004433032
YGL02_GNYA1SO04H322T	4.425127369	-1.62828073	-0.191410211	-0.154939362	0.864392405	0.272362079	1.163257777	2.35E-05	0.000774495
YGL02.1880.C1	4.412294583	-1.628690903	-1.620657956	-1.619523333	0.05081351	1.63623029	1.776845335	5.78E-05	0.001440539
YGL02_GNYA1SO04JO13J	4.313426556	-1.630764068	0.024477421	-0.362878783	1.613362773	0.180135414	0.138785398	0.002974066	0.023271258
YGL02_GNYA1SO04IID9N	5.038430899	-1.631250669	-1.844448992	-2.096210966	-0.204860853	1.92916475	2.292105476	0.000274874	0.004299506
YGL02.18253.C1	4.825036158	-1.631604055	0.191702875	-0.392118671	0.281456733	-0.149949391	0.911848053	0.00047074	0.006256936
YGL02_GNYA1SO04I2EAP	6.359626623	-1.634020297	-0.224878586	-0.824895903	0.489338336	0.319638417	0.988605583	8.05E-06	0.000377759
YGL02.649.C2	8.406804325	-1.635257787	-0.405288527	-0.819874979	-0.290033942	-0.017780291	0.401802189	1.74E-05	0.000627822
YGL02.8772.C1	5.107558031	-1.637384438	0.57648344	-0.838008302	-0.156351446	-0.036732039	1.983216674	0.000151441	0.002825434
YGL02_GNYA1SO04JLESC	7.321529424	-1.637927798	-0.159093205	-0.592610153	-0.123090229	-0.009130321	0.699195439	5.50E-08	1.95E-05
YGL02.1729.C2	4.479026185	-1.638428838	-1.117466062	-1.199141454	0.148570637	1.824979936	1.771425284	0.000109157	0.002256289
YGL02_GNYA1SO04JWZCO	6.799568834	-1.639782713	-1.562785711	-2.940809127	-0.24624116	-0.110760569	0.794690709	0.001483123	0.014183674
YGL02_GNYA1SO04JMJRW	5.798503536	-1.639817271	-0.787380502	-0.544285925	-1.159500587	1.013027496	0.694713188	0.001702286	0.015661977
YGL02.8619.C1	5.610539644	-1.640008762	-0.594100993	-0.735415089	0.465387648	0.318469584	0.717157592	0.001650437	0.015308218
YGL02_GNYA1SO04H8YP5	5.239295527	-1.641124509	0.101768258	-0.295713658	0.95408482	0.422699665	0.652061934	0.000397268	0.005570687
YGL02.13604.C1	4.405780423	-1.641188779	-0.130300173	-0.594993046	1.135575968	0.311934709	0.81229608	0.007356099	0.044741849
YGL02.15676.C2	7.248103461	-1.64125525	0.155965804	-0.309617698	-0.02452519	0.769438547	1.585210051	1.67E-07	3.31E-05
YGL02.23131.C1	4.924858322	-1.643125418	-0.941219016	-1.195171281	-0.283411214	0.88712339	1.313665505	0.000154521	0.002865557
YGL02.10150.C1	4.637559095	-1.643975882	-0.058947562	-0.811407762	0.261282205	0.162605748	1.386962475	0.001094594	0.011409124
YGL02_GNYA1SO04JYXAA	7.488884608	-1.64485376	-0.661648605	-1.40571233	-0.515579121	0.572275819	0.957146329	3.58E-07	5.26E-05
YGL02_GNYA1SO04ICHME	5.688886653	-1.645033504	-0.274136275	-0.276061341	-0.16269085	-0.030834432	-0.100115175	0.004403607	0.030878138
YGL02_GNYA1SO04JHUBC	4.296478907	-1.645954149	-0.592597838	-1.064554032	1.481750436	1.482211768	0.558907111	0.003219197	0.024655725
YGL02_GNYA1SO04JPULE	4.73162656	-1.64641918	0.149343169	-0.948318543	1.045498063	0.012846131	1.628265753	0.005129824	0.034515292
YGL02_GNYA1SO04JVKSR	7.646761224	-1.647601448	-0.463509125	-0.600704171	-0.195655924	1.055475578	1.308928264	6.49E-05	0.001558575
YGL02_GNYA1SO04H9THF	8.928441976	-1.64767692	0.090843262	-0.854310629	0.11065246	0.133505905	0.596598808	0.000315096	0.00474261
YGL02.3607.C6	5.343968834	-1.647730313	-0.183975403	-0.951519467	0.894124507	0.387191564	0.526078382	0.000288186	0.00444844

YGL02.21636.C1	4.327710265	-1.647795254	-0.339575852	-1.479729001	0.502526023	0.248273921	1.755813584	0.000347881	0.005077175
YGL02_GNYA1SO04IX8OJ	7.881835603	-1.64944922	0.143607582	-0.507173475	-0.027564287	0.046369816	0.045821252	0.000182741	0.003215298
YGL02_GNYA1SO04JMG6M	5.426088293	-1.649918003	-0.212806146	-0.40728927	0.600067962	-0.290355694	-0.389677117	0.006323988	0.040093145
YGL02_GNYA1SO04H4XVS	6.393336723	-1.650837758	0.047928416	-0.786751503	1.034833992	-0.024797366	0.63495239	4.77E-07	6.26E-05
YGL02_GNYA1SO04JWBZY	8.660302014	-1.651958665	-0.469620892	-1.155734025	-0.280513938	0.245061061	0.908908145	2.45E-07	4.15E-05
YGL02.7036.C1	6.681655385	-1.652994513	-0.278748179	-0.755217766	-0.17366138	-0.119326264	0.721258554	2.26E-05	0.000754828
YGL02_GNYA1SO04I746C	6.111950584	-1.653893498	-0.615976922	-0.562922484	-0.239797096	-0.126659439	1.099655656	0.000910834	0.010039233
YGL02.22980.C1	8.499252645	-1.654695526	-0.212828919	-0.511074503	0.710558331	0.3485034	0.558572005	6.61E-07	7.75E-05
YGL02_GNYA1SO04JB73K	5.721557473	-1.655203532	-0.201034698	-0.633626989	0.459407583	0.675168788	-0.41050889	9.51E-05	0.002050219
YGL02.2555.C1	5.095116061	-1.6558733	0.048034039	-0.465795133	0.279964163	0.310484004	0.5236554	0.001735879	0.015881911
YGL02.18169.C1	9.376548648	-1.655994691	-0.025299483	-0.799232633	0.091058407	0.022340477	0.810432481	1.29E-07	2.86E-05
YGL02_GNYA1SO04IMP0H	7.565706018	-1.656197169	0.49167391	-1.052728262	-0.408856515	0.723446271	1.302001456	0.000208722	0.003531824
YGL02_GNYA1SO04IESQN	6.47874856	-1.656223346	-0.000429672	-0.628892644	0.294659438	0.620648858	1.115274561	0.000281487	0.004377563
YGL02_GNYA1SO04H8NDM	8.195768684	-1.656667841	-1.262217398	-1.512369962	-0.151492221	0.524719386	1.251158891	2.74E-05	0.000862565
YGL02.15293.C1	4.750679703	-1.657064319	-1.322746743	-1.026961528	-0.166447688	1.369241076	1.156334246	6.64E-06	0.000333576
YGL02_GNYA1SO04IEMAQ	5.435937157	-1.658769013	-0.055014583	-0.559930451	-0.090579973	-0.215968535	0.243361261	0.000397439	0.005571751
YGL02_GNYA1SO04IKX33	4.531545065	-1.659874908	0.087871494	-0.902945022	0.661892367	-0.261649831	1.580339701	5.97E-05	0.001471439
YGL02_GNYA1SO04JFI93	4.547501294	-1.660565356	-1.345849713	-0.840309772	0.20831743	1.441823776	0.948848932	3.37E-06	0.000215089
YGL02_GNYA1SO04I8F4J	5.413463192	-1.660783968	-0.584174975	-1.067964378	0.470747472	1.260064922	0.778578908	0.000288905	0.004456006
YGL02.2999.C1	4.656872064	-1.661594448	-1.581832078	-1.214065558	0.549025597	1.137498836	1.161854682	0.001882176	0.016806335
YGL02.3617.C1	7.608634893	-1.662108388	-0.045212459	0.532176401	0.451306213	0.438068373	0.753727258	7.14E-07	8.14E-05
YGL02_GNYA1SO04JB8E9	6.745052244	-1.664244244	-0.173862985	-0.517290221	0.666189488	0.566441083	0.873283267	0.000168769	0.003044746
YGL02_GNYA1SO04JVOHB	13.43034152	-1.664471734	-0.310274099	-1.274097002	-0.33337209	0.144862354	0.708050292	6.74E-10	3.26E-06
YGL02_GNYA1SO04I9YGI	8.399295779	-1.664544595	-0.013981887	-0.514490615	-0.13536599	0.106922014	0.489083341	2.53E-08	1.27E-05
YGL02_GNYA1SO04ISDHL	7.585133079	-1.664834673	-0.505037161	-1.035853669	0.328950724	0.602118755	1.046226892	0.000125896	0.00248452
YGL02_GNYA1SO04H611T	7.196758709	-1.66487104	-0.27548136	-0.548045656	0.5226948	0.11449464	0.271321322	0.000903143	0.009979954
YGL02_GNYA1SO04ICXCC	6.194540807	-1.665119033	-0.04423772	-0.601007048	1.000053105	-0.174361604	0.502268548	0.001848714	0.016606777
YGL02.329.C80	5.32279462	-1.665300406	-0.904690158	-2.062632087	0.670720073	0.546136218	1.339645421	7.96E-06	0.000375133
YGL02.23234.C1	5.6475227	-1.665819115	-0.02822362	-0.391228103	0.515316763	0.233922465	0.341472242	1.22E-05	0.000491776
YGL02_GNYA1SO04JLJNC	7.747280909	-1.667443841	-0.219290864	-1.177863102	-0.219878087	0.300745157	0.724424453	3.48E-06	0.000220161
YGL02_GNYA1SO04JJE3Z	4.676788705	-1.667683936	-1.267370535	-1.678243949	-0.00704673	1.335363684	1.578531359	1.09E-05	0.000459251
YGL02.7355.C1	4.699569922	-1.66817342	-0.672671359	-0.579953762	0.382638525	0.603057443	0.268047018	2.72E-05	0.000856111
YGL02.329.C33	6.925556394	-1.668822228	-0.353782276	-0.922556573	0.056503338	0.29115852	1.108729132	3.32E-06	0.000213367
YGL02.10697.C1	7.871352656	-1.669154241	-0.301746036	-1.365778722	-0.04209271	0.410650919	1.381052809	6.77E-06	0.000337676
YGL02.8922.C1	8.60451549	-1.669479412	-0.740431109	-1.396076727	0.176806479	1.073557406	1.320351492	5.55E-05	0.001399347
YGL02.8525.C2	4.6379091	-1.670244969	0.206206533	-0.193067782	0.538735729	0.10577954	0.055233749	1.21E-05	0.000489008
YGL02_GNYA1SO04JQCLQ	4.478364292	-1.670392077	-0.745237508	-1.494974521	0.509907864	1.410651953	1.999750323	0.0077812	0.046605076
YGL02_GNYA1SO04H0Z6N	5.762588999	-1.670542563	0.161172303	-1.33042922	-0.955033512	0.767220332	1.621007801	0.002581464	0.021043305
YGL02_GNYA1SO04IP48Y	8.776037994	-1.670752067	0.070238183	-0.50013941	0.252167556	0.190631878	0.621787861	1.84E-07	3.50E-05
YGL02_GNYA1SO04I33QS	6.370331924	-1.671011077	-0.277131536	-0.482051914	-0.057845187	1.133359999	1.185008297	0.003348593	0.02534398
YGL02_GNYA1SO04IEFOY	4.98657083	-1.671552141	-0.096660462	-0.316382356	0.547072216	0.5876338	0.169080877	0.00206812	0.017952607
YGL02.3781.C1	4.847336129	-1.672384413	-1.694103445	-1.570576238	-0.244085679	1.561396962	1.487126175	3.91E-07	5.53E-05
YGL02.18105.C1	7.13553814	-1.674121908	-0.185410132	-0.477269923	0.821549428	0.490300643	0.554787883	5.03E-06	0.000278967
YGL02.4.C29	6.45333934	-1.674859191	-0.232741131	-0.69363714	0.834901529	0.433473608	0.577654913	2.45E-06	0.000176652
YGL02.10251.C1	6.499999454	-1.675009054	-0.038604957	-0.1261877	-0.042607509	0.462371744	0.929493266	7.85E-06	0.00037146
YGL02_GNYA1SO04H4QM4	8.426870104	-1.675065013	-0.904871878	-0.766652847	-0.250821388	0.855597201	1.036131387	1.74E-06	0.000143249
YGL02_GNYA1SO04ID83M	4.596265621	-1.675907191	-1.744317094	-1.848536787	0.084835018	1.577375372	1.680814779	7.37E-06	0.000356724
YGL02.1983.C1	4.86540656	-1.676740328	-0.988134278	-1.292620171	0.980449842	1.155507144	1.032991711	0.006040841	0.038863117
YGL02.5857.C1	6.424430189	-1.677037884	-0.213936711	-1.193330533	-0.022250455	0.38676065	0.802524347	0.000102345	0.002158543
YGL02.16410.C1	4.902878022	-1.677277074	-0.552446262	-0.498696844	0.883753217	1.223089198	0.583519586	0.000415627	0.005743335
YGL02_GNYA1SO04I0ZMI	4.554603662	-1.680012445	-1.170786247	-0.825433906	0.524275182	1.284634849	0.76956877	0.000473853	0.006287031
YGL02_GNYA1SO04JWZU6	7.929671941	-1.681125839	-0.602693782	-1.098980274	-0.185773357	0.757398252	1.029076596	7.39E-05	0.001710462
YGL02_GNYA1SO04H0JON	5.939992465	-1.683398084	-0.013950236	-0.265620998	0.315901141	0.693704951	1.039922372	1.49E-05	0.000566048
YGL02_GNYA1SO04JH90V	4.538339643	-1.684197342	-0.683794925	-0.85966906	0.23782517	1.012981597	1.457730188	0.003468328	0.025975417
YGL02_GNYA1SO04JSJJ4	6.201337784	-1.684234432	-0.946422628	-0.881066533	-0.851330912	1.053743484	1.064491005	0.002781936	0.022236649
YGL02.22746.C1	5.463308462	-1.686123266	-0.044062704	-0.081456928	-0.149864318	0.019348776	0.552336337	9.23E-05	0.002010689
YGL02_GNYA1SO04I5LQO	11.7663545	-1.68639323	-0.18227031	-1.108184909	0.12728735	0.133818797	1.217008354	2.12E-07	3.80E-05
YGL02_GNYA1SO04IUV34	5.619529654	-1.686615659	0.266345734	-0.13419527	-0.39021628	0.879541375	1.390282754	0.000192797	0.003342275
YGL02.6734.C1	5.182373862	-1.687162712	-0.765776118	-0.899509867	0.526954595	0.433033968	0.386929912	0.000973049	0.010508659
YGL02.19393.C1	7.409231276	-1.68760819	-0.48337509	-0.920131106	-0.227684787	0.231035569	0.963512792	1.11E-07	2.69E-05
YGL02_GNYA1SO04JGO3N	4.631330381	-1.687954854	0.162107874	-0.261341669	1.883444354	0.17810283	0.711210399	9.50E-05	0.002049855
YGL02_GNYA1SO04IL868	6.522307238	-1.688470338	-0.679119044	-1.048274411	-0.009083485	1.527766772	1.936485316	0.000163125	0.002971065
YGL02_GNYA1SO04JQRP2	5.964135459	-1.688860038	-0.280670269	-1.877821755	0.075103861	0.51955092	1.565593397	0.004443371	0.031069485
YGL02_GNYA1SO04IESTA	7.020823545	-1.689229095	-0.639422805	-0.68302891	0.723213917	0.761824277	0.869037421	0.000386916	0.005463399
YGL02.8508.C1	11.41623524	-1.689756316	-0.097132717	-0.223946227	-0.087224102	0.243259288	0.500980665	2.24E-05	0.000750691
YGL02_GNYA1SO04IY3I5	6.192607141	-1.692157459	-0.198093936	-0.630018713	0.239887148	0.978046697	0.914762039	0.000386714	0.005461135
YGL02_GNYA1SO04IQVPI	4.847760337	-1.693074167	-0.770359634	-1.656377304	-0.056333068	0.925058997	2.145806836	0.003593149	0.02666657
YGL02.11748.C1	8.801710733	-1.693522632	-0.058347039	-0.543840621	0.070821826	0.381541832	0.866313283	3.03E-08	1.42E-05
YGL02_GNYA1SO04JHSVW	7.073654217	-1.696522001	-0.526347344	-1.042948335	-0.956693944	0.434731424	1.345656335	0.002781946	0.022236649
YGL02.9892.C1	4.257635279	-1.696597917	0.127511026	-0.586621445	0.806830165	-0.250965896	0.474571329	0.001431113	0.013823077
YGL02.647.C1	6.546718073	-1.698442601	0.983397397	-0.509918033	-1.079129248	-0.005300091	1.022312227	0.001437953	0.013876726
YGL02.22005.C1	7.257559597	-1.698839599	0.014672197	-0.50549783	0.469847804	0.343928823	0.87959647	8.44E-06	0.000390064
YGL02_GNYA1SO04IWFDI	8.274577068	-1.698904192	-0.375217832	-0.971518876	1.082026814	0.377365957	1.100892847	0.000222727	0.003701547
YGL02.2372.C1	6.342339227	-1.699256526	-0.142690628	-0.736391432	-0.17871009	0.1555251	0.532008694	1.85E-05	0.000655997
YGL02.15403.C1	5.400051815	-1.7009772	-0.057939267	-0.569035448	0.7962624	0.71177744	1.104581675	0.000687208	0.008200508
YGL02.4565.C1	8.105602373	-1.704385923	-0.07005426	-0.905252279	0.411395922	0.607896834	1.019030715	4.06E-08	1.59E-05
YGL02_GNYA1SO04JDI4U	9.247440268	-1.704461679	-0.576364205	-1.188588189	0.40590226	0.654275091	1.048325813	2.43E-09	4.43E-06
YGL02.13359.C1	8.069047346	-1.705867699	-1.099900709	-1.450246069	0.049930316	0.555601905	0.992535847	6.88E-05	0.001627112
YGL02_GNYA1SO04I9H4V	6.351677435	-1.70636378	0.05565302	-1.347959693	-0.158688072	0.50298466	2.046516208	0.001388988	0.013520796
YGL02.9124.C6	6.629234685	-1.706396661	-0.079112316	-0.383017953	1.301372533	0.286673549	0.562394146	2.05E-06	0.000157903
YGL02.11905.C1	5.929160761	-1.708253913	-0.017185022	-0.198044978	0.923986451	0.274150271	0.605423619	3.30E-07	4.98E-05
YGL02_GNYA1SO04IQ0UX	5.391968854	-1.709377209	-0.800263964	-1.913417266	-0.565276574	0.653677551	1.72904398	0.004220598	0.029941836
YGL02.8053.C1	6.006669927	-1.710337201	0.018233678	-0.684109439	0.397443353	0.058560144	1.5002884	7.01E-05	0.001649524
YGL02.6746.C1	5.246025184	-1.711001399	-1.400603316	-1.892701927	0.018223815	1.02547078	1.240508544	0.001223899	0.012359212
YGL02.12127.C2	5.606711867	-1.71206459	-0.225180426	-1.057244133	0.039059064	1.016394325	1.523096399	0.000318778	0.004776008
YGL02_GNYA1SO04IDDPF	5.530527545	-1.712404044	-1.41751775	-1.097986196	0.111189753	2.190347811	1.820229879	0.001778945	0.016161747
YGL02_GNYA1SO04JKHPM	4.72493923	-1.713783011	-0.749602683	-1.530459146	1.069636539	0.647524319	1.083606568	0.00495577	0.033691798
YGL02.8757.C2	5.50384788	-1.714317832	0.562118423	-0.341099247	-0.360001974	0.295737727	0.78490676	2.04E-05	0.000704643
YGL02.6346.C1	7.335841157	-1.714393182	-0.11277359	-0.788958103	0.021320299	0.150839855	0.666713214	4.85E-06	0.000271652
YGL02.22977.C1	4.898304158	-1.716446645	0.786081568	0.590371855	0.119950284	-0.438640203	0.502941767	0.000478155	0.006325472

YGL02.15470.C1	6.78676958	-1.719517226	-0.311955902	-0.631141472	0.047797241	-0.079058728	0.410340514	4.53E-07	6.05E-05
YGL02.4.C20	5.696315487	-1.719901562	-1.453961545	-1.212746627	0.26885254	1.108849832	0.493871416	0.002015293	0.017649016
YGL02_GNYA1SO04IZ48F	5.64931406	-1.720246785	-0.660236004	-0.345805997	0.317030004	0.612889653	-0.292192906	0.002022552	0.017695838
YGL02_GNYA1SO04H2547	5.266151032	-1.721807705	0.221361232	-1.276243828	-0.484212647	-0.236320054	1.076838687	0.002624312	0.021292063
YGL02.8800.C1	6.21769917	-1.721814225	-0.782531275	-1.048665643	0.045735086	0.470628717	1.381786268	3.80E-07	5.42E-05
YGL02_GNYA1SO04H52A9	6.400226863	-1.722449746	-0.146857655	-0.75286954	0.105224568	0.761120462	1.168734227	9.19E-05	0.002003974
YGL02.17505.C1	6.442043548	-1.723085648	-0.360947494	-0.306243784	0.080445672	0.235226188	-0.11636169	0.002932422	0.02304821
YGL02_GNYA1SO04JNYCO	6.080425695	-1.723404505	-0.393180019	-0.621583223	0.644993727	0.515909758	1.324094183	1.22E-07	2.80E-05
YGL02_GNYA1SO04JK9FZ	4.452475148	-1.723792947	-0.5686896	-1.373625023	0.412788144	0.840562204	1.610392619	0.000373901	0.005336632
YGL02_GNYA1SO04INLRM	4.897437994	-1.724557874	-1.753188574	0.254728184	0.25639747	1.509733865	1.195913296	0.00013925	0.002667281
YGL02.14707.C1	6.247962956	-1.724999724	-0.307844294	-0.610133626	0.087374379	0.636099414	1.065615859	0.000122747	0.002444698
YGL02_GNYA1SO04JL392	5.116799099	-1.726260714	-0.194682774	0.376760867	-0.228408198	0.472599191	0.302302948	0.001101305	0.011465047
YGL02.5468.C1	5.238676236	-1.727773364	0.089582049	-0.75066252	0.7774285	-0.417498452	0.741671026	0.000175117	0.003125858
YGL02.9008.C1	8.783245599	-1.728107834	-0.254976762	-0.979499162	0.013514826	0.2564487	1.33966815	9.86E-10	3.26E-06
YGL02.15513.C1	5.311617751	-1.728168604	-0.330470121	-0.625558755	0.789996031	0.519127433	1.15640416	0.000273422	0.004283524
YGL02.22035.C1	8.925898424	-1.72890848	-0.422692763	-2.005769656	0.15164898	-0.411962203	0.865737031	8.72E-08	2.40E-05
YGL02.3480.C1	5.53384761	-1.729111844	1.884744438	0.410971089	-0.036782751	0.167159528	0.748598503	0.000241406	0.003915526
YGL02.13756.C2	5.506657406	-1.730407628	0.010938298	-1.280783552	-0.131588184	0.210843855	1.392351381	0.001126203	0.011658623
YGL02.10770.C1	4.503405496	-1.730543595	-1.553033536	-1.861443195	0.24705768	1.512199018	2.019427254	6.20E-06	0.000318153
YGL02.236.C2	4.539374623	-1.731488797	-1.014339365	-1.518159209	0.032802956	1.205844313	1.568374957	1.55E-05	0.000582329
YGL02.676.C1	7.370038777	-1.732141435	-0.28968436	-1.377980903	-0.005119568	0.261227465	1.684473706	1.50E-08	9.87E-06
YGL02.21931.C1	4.389594038	-1.732169893	0.328648742	-0.178738742	1.085441084	0.100621464	0.299285169	0.000777357	0.008968022
YGL02_GNYA1SO04JFTF1	6.440402972	-1.732951352	0.095655853	-0.682654131	-0.342439374	-0.625402275	0.600263277	0.000448223	0.006045604
YGL02.12612.C1	6.263692514	-1.733863567	-0.107789926	-0.451725226	0.707506347	0.160956109	0.109237949	7.65E-05	0.001755936
YGL02_GNYA1SO04IVS5Q	8.560307643	-1.738019748	-0.036880895	-0.332697326	0.579572365	0.239635773	0.59538299	3.89E-06	0.000236559
YGL02_GNYA1SO04H796X	5.600205143	-1.738083674	-0.353132853	-0.17126418	-0.309094985	1.272262927	1.532711068	0.007516411	0.045458563
YGL02.4378.C1	5.511671147	-1.738349224	-1.126581786	-0.852908477	-0.488575366	0.924564258	1.117802264	0.002884826	0.022801337
YGL02.10856.C1	6.560056092	-1.739526696	-0.24358908	-0.725706354	-0.459872495	0.606982179	0.85607843	0.001937832	0.017170376
YGL02.9068.C1	4.531685269	-1.739597908	-0.056597573	-1.066710093	0.331598627	0.845362981	0.993169839	0.000916301	0.010081279
YGL02.20737.C1	4.888652622	-1.739812588	-0.360751128	-0.855772989	0.158608254	0.656895383	0.873515874	0.007481983	0.045299005
YGL02_GNYA1SO04JMENW	6.225166157	-1.740923842	-0.808834774	-0.853121143	0.427657761	0.301164341	0.563652733	0.000355291	0.00514647
YGL02.4048.C4	5.834848427	-1.74103055	0.000986802	-0.615104592	0.1828624	0.420993531	1.191905814	0.000628231	0.007689466
YGL02.8050.C1	7.107597539	-1.741522793	-0.149696912	-0.773957858	0.614238948	0.236920945	0.740288984	5.48E-06	0.000294495
YGL02_GNYA1SO04IEEYC	5.60413868	-1.741954989	0.120993435	0.585031916	-0.300202145	0.555110874	0.523355262	0.000919703	0.010108597
YGL02_GNYA1SO04JTEMF	9.481737617	-1.743773999	-0.219310727	-1.452583794	0.176336314	0.407913502	1.197746969	7.47E-09	7.09E-06
YGL02.6869.C1	4.498378737	-1.744062376	-0.540753535	-0.368281125	0.541426272	0.695936716	0.781183783	0.000113148	0.002310378
YGL02.5227.C1	10.3404507	-1.74541041	-0.25662174	0.595117867	-0.427416263	-0.17387546	0.470358622	0.001175516	0.01201759
YGL02.479.C24	7.774212306	-1.745662525	0.158314584	0.509618051	-0.290871164	0.00642626	0.517459106	1.57E-06	0.000134229
YGL02.13874.C1	6.007633101	-1.746175063	-0.207959048	-0.670471373	0.547560973	0.374419891	0.810835076	4.59E-06	0.000262169
YGL02.2439.C3	6.740807449	-1.747352554	-0.38229759	-0.584444716	0.265743623	0.708544268	0.888432506	1.04E-05	0.000444592
YGL02.5362.C1	6.821763236	-1.74846958	0.160283044	-0.476450804	0.468962837	0.347026416	0.749672509	2.18E-05	0.000736828
YGL02.12389.C1	6.501840778	-1.751063684	-0.01893515	-0.893467308	0.113151398	0.49340822	0.846529159	7.16E-06	0.000349441
YGL02_GNYA1SO04IWKQH	4.468407073	-1.752973128	-1.24782402	-1.795672788	0.187709146	1.417362468	1.752141672	0.000464369	0.006200733
YGL02_GNYA1SO04IEWQ2	4.571402352	-1.753292668	-0.388888494	-0.02975559	1.36074724	1.254020401	0.250511111	0.006040693	0.038863117
YGL02.18406.C1	6.949325707	-1.753734706	-0.478654731	-1.649743253	0.009677859	0.16378651	0.832594482	3.33E-05	0.000988416
YGL02.4218.C1	4.437237398	-1.754451716	-0.365883491	-0.075228709	0.397067354	0.397747501	-0.056838006	5.86E-06	0.000307358
YGL02.1669.C23	7.035139998	-1.754918201	0.4043582	-0.214299849	-0.32624364	0.398707413	0.83185624	1.67E-05	0.000611303
YGL02_GNYA1SO04H2D5I	6.339710102	-1.755931005	-0.101764118	-0.262740774	0.602955048	0.082394101	0.531352837	0.000375663	0.005352348
YGL02_GNYA1SO04IIP2Y	4.78166199	-1.756235507	-0.917991131	-0.859242	0.260925708	0.813387476	0.789413209	0.003407586	0.025648066
YGL02_GNYA1SO04JJUTL	5.766097603	-1.756430887	0.18533898	-1.456299685	-0.369577858	0.78619003	2.060985848	0.000823333	0.009344417
YGL02_GNYA1SO04H30I4	7.894615576	-1.757173013	-0.651395291	-0.916577909	-0.056535673	0.533133262	0.937553429	2.09E-05	0.000716764
YGL02.4195.C1	5.520692771	-1.757833485	0.073547766	-0.107939498	0.197359455	-0.006114833	0.686106019	0.000298071	0.004555595
YGL02_GNYA1SO04JN38Q	8.300410614	-1.758329601	-0.66840954	-0.839538646	-0.117627756	0.666322481	1.456395775	1.45E-05	0.000554796
YGL02.9540.C1	5.233362857	-1.758519107	0.406654567	-1.159328095	0.263564562	0.179723366	1.399439717	0.002142348	0.018408158
YGL02_GNYA1SO04JHB00	4.875148592	-1.759302592	-1.030181215	-0.9929574	-0.095341715	1.130061357	0.87858318	0.000295465	0.004528596
YGL02.6187.C1	5.018122152	-1.760216344	-0.230558169	-0.815424347	0.126934691	0.228830503	2.468519824	0.005610547	0.036855206
YGL02_GNYA1SO04IK1W0	4.850883783	-1.760337878	0.143941002	-0.070973775	0.639729358	0.089780518	0.117440263	6.28E-05	0.001520334
YGL02_GNYA1SO04JP96I	9.058607498	-1.761951521	0.210500247	0.025739378	0.011839362	0.375188024	0.787953808	2.19E-07	3.88E-05
YGL02_GNYA1SO04I1EW9	9.593951368	-1.763741702	-0.031514557	-0.253499334	-0.200860054	0.263422753	0.563969266	8.83E-06	0.000401247
YGL02_GNYA1SO04IUTSB	6.866426268	-1.764060371	-0.014654659	-1.087198214	-0.21143219	0.291025465	0.280664865	9.78E-05	0.002088768
YGL02_GNYA1SO04JWQFH	4.977332344	-1.764505607	-0.516945567	-0.430245642	-0.228517722	0.577118714	0.949873399	0.000885236	0.009831577
YGL02_GNYA1SO04IJ1PD	6.070718401	-1.766201001	-0.137317387	-0.480056765	-0.494940961	-0.19674361	-0.179947906	0.001946474	0.017224557
YGL02.242.C1	7.80871619	-1.768180951	-0.723324506	-1.952094825	-0.037355033	0.378797737	1.432548369	3.45E-08	1.46E-05
YGL02.242.C4	9.642646895	-1.769170587	-0.425034002	-1.684280161	-0.505458008	0.160008388	1.167689476	3.27E-07	4.97E-05
YGL02.7941.C1	4.753194166	-1.77184835	-1.702976752	-0.90254788	-0.03989343	1.84588529	1.185241218	0.000280678	0.004369706
YGL02.15998.C1	6.17878518	-1.772501818	-0.671766075	-1.973215687	-0.400478845	0.467898621	2.241995173	0.002055156	0.017868819
YGL02.12699.C1	8.07003731	-1.772698922	-1.668418711	-1.644522691	-0.17224245	0.657423013	1.113366111	0.000104614	0.002187519
YGL02.22736.C1	5.146936136	-1.772876408	-0.098790062	-0.639268242	0.668736511	0.758064937	1.212610109	0.000603737	0.007465769
YGL02.12582.C1	5.349105152	-1.775548599	-0.088666244	-0.405646078	0.772032328	0.657939363	0.569701258	3.96E-05	0.00111385
YGL02.3677.C1	5.468848507	-1.775689289	-0.046309961	-0.521103297	0.219460143	0.059989382	0.321983855	0.003821652	0.027848494
YGL02_GNYA1SO04IOC7H	9.069020496	-1.77631474	0.094267911	-0.851038097	0.114838501	0.34293694	1.364540969	3.53E-06	0.000222595
YGL02_GNYA1SO04JUNCU	6.421909146	-1.777573091	2.789879818	0.650716265	0.016309735	0.177941878	1.095282109	0.000377617	0.005368378
YGL02.4731.C1	5.333296939	-1.777583431	-0.146586413	-0.96835395	0.268518879	-0.027239478	0.376030103	0.001952686	0.017266545
YGL02_GNYA1SO04ILCUJ	7.219910307	-1.778126931	-0.020228345	-0.241818317	0.145785397	1.162974334	0.585285729	4.45E-05	0.001207631
YGL02.15890.C1	6.702959292	-1.779918182	-0.509470903	-0.360308498	-0.200153085	0.563815557	0.420760256	4.08E-05	0.00113786
YGL02.7742.C1	6.498636424	-1.780760257	-0.194597076	-0.918473143	-0.331264968	-0.070957213	0.121657118	0.000113582	0.002317041
YGL02.5893.C1	5.81755048	-1.781074037	-0.025881752	-0.505754331	1.384011405	0.506359095	0.428476877	0.000414415	0.005734758
YGL02.14386.C1	7.042883325	-1.783082219	0.29748817	-0.58593681	0.327648774	0.048008248	1.041049168	1.85E-06	0.000148877
YGL02.20490.C1	9.356618898	-1.783590426	-0.412127528	-0.666784248	-0.370306333	0.297835666	0.625528235	2.26E-05	0.000753984
YGL02_GNYA1SO04JJCCR	11.28658425	-1.787296274	0.138932525	-0.770307159	-0.07683559	0.274176304	1.355873276	2.63E-09	4.67E-06
YGL02_GNYA1SO04I58FU	5.153396138	-1.787694463	-1.32590755	-1.090185931	-0.501369791	2.265643958	1.183129653	2.27E-05	0.000756256
YGL02_GNYA1SO04IQFAO	6.784172249	-1.788938313	-0.050271738	-0.537543101	1.411933729	0.610101464	0.810539313	6.48E-05	0.001557166
YGL02.2143.C1	8.306422952	-1.789841481	-0.426557286	-1.132567097	-0.069762118	0.12778329	0.835764395	1.29E-07	2.86E-05
YGL02_GNYA1SO04JTJIA	4.571521656	-1.790804151	-0.607226979	-0.928154056	0.401315351	1.06298361	1.739074389	0.002118909	0.018255638
YGL02.21947.C1	4.603433783	-1.791249465	-1.17612894	-1.546324254	0.065553763	1.255188839	1.61546264	3.78E-07	5.42E-05
YGL02.3736.C1	5.866415987	-1.794818224	-0.47472133	-0.355380596	-0.438254869	1.64791741	1.286753792	0.000686898	0.008199072
YGL02_GNYA1SO04I5A31	7.443117492	-1.795385851	0.402349594	-0.869553878	-0.420190335	0.652497732	1.372951766	2.93E-06	0.000197015
YGL02_GNYA1SO04JMREX	6.484375368	-1.795426863	0.162893293	-1.120943459	0.09723388	0.265168317	1.43758351	0.000167204	0.003021988
YGL02_GNYA1SO04IANG9	5.956855716	-1.796024407	-0.46485774	-1.306749114	2.249957194	0.954376492	1.537633221	0.002452377	0.020297678
YGL02_GNYA1SO04JXP08	5.58807747	-1.796232712	-1.371072691	-0.812151137	-0.27712505	1.379867897	0.823839169	0.008093256	0.04789375

YGL02_GNYA1SO04I2YXN	6.840949665	-1.796372468	0.483745076	0.064318288	-0.581097088	0.443715599	0.863327697	0.000129981	0.002542251
YGL02_GNYA1SO04JU6HN	6.019569856	-1.796789625	-0.343935298	-0.642887735	-0.448829606	1.109330408	1.125838044	4.11E-06	0.000245581
YGL02.14549.C1	5.738507847	-1.799999743	-0.355734486	-0.858402255	0.115708928	0.664890094	1.128883362	2.40E-06	0.000174246
YGL02_GNYA1SO04JUQZL	6.106199916	-1.800047425	0.355171612	-0.52631877	0.462899922	0.094992218	1.030191884	1.18E-05	0.000482589
YGL02_GNYA1SO04IXYYG	5.509307318	-1.804009215	-0.063683448	-1.16288031	-0.132703445	-0.769053662	0.896025069	0.00071696	0.008461974
YGL02.1846.C1	4.787339169	-1.804280571	-1.788773106	-1.803499813	-0.086220365	1.701033697	1.838967028	0.001827927	0.016480293
YGL02.910.C1	5.369413797	-1.805150212	-0.259825909	-0.858430015	1.333657829	-0.142168412	0.671095208	1.33E-05	0.000520266
YGL02_GNYA1SO04H37WN	6.665876463	-1.806379749	-0.099149363	-0.781826009	0.73708528	0.751429233	1.296807937	2.77E-05	0.000867846
YGL02_GNYA1SO04I61OT	4.988001805	-1.806804793	-0.156376757	-0.720741563	0.546754346	-0.117574115	0.378994977	0.000992413	0.010652464
YGL02_GNYA1SO04JKHAV	5.505288725	-1.807764836	-0.117343397	-0.52910037	0.517427951	0.499733598	0.495901309	0.002943597	0.023107228
YGL02.4638.C1	9.375911738	-1.808435593	-1.457241551	-1.584857163	0.21044301	0.857378674	1.312349772	2.43E-05	0.000792805
YGL02.17917.C2	4.909178349	-1.808935229	-0.602197479	-1.531349224	0.349141909	0.254287214	1.250836396	1.59E-06	0.000134776
YGL02_GNYA1SO04JG69M	5.87221921	-1.809836198	-0.261478983	-0.81682789	-0.059925557	0.252859268	0.645840764	0.000399664	0.005589765
YGL02_GNYA1SO04I62YV	6.580766692	-1.810516266	-1.765351514	-2.113425869	-0.633994556	1.529825556	1.374844682	0.008542435	0.049743657
YGL02.10483.C1	4.914854927	-1.810602288	0.048811341	-0.88464043	1.489476332	0.21277271	1.251910509	0.000252314	0.004039327
YGL02_GNYA1SO04H9GN2	6.680635991	-1.810997991	-0.715703858	-1.284206544	0.23163868	-0.313775709	-0.413406843	3.77E-05	0.00107855
YGL02.11540.C1	5.855749682	-1.81181464	-0.354001723	-0.785610089	0.519150801	0.092199771	0.105505914	0.003231738	0.024721069
YGL02_GNYA1SO04I5466	12.5315898	-1.812181042	-0.647136632	-0.668926654	0.541041563	0.86987922	1.192073409	0.00071051	0.008402688
YGL02.21481.C1	9.829350676	-1.812227756	-0.688019449	-1.182258533	-0.390070191	0.17311491	0.870209313	8.02E-10	3.26E-06
YGL02_GNYA1SO04I2IKL	5.677430441	-1.813602114	-0.151449221	-0.956308912	1.290202062	0.299371326	0.720750099	0.001140818	0.011762215
YGL02_GNYA1SO04ID08N	4.782163108	-1.813619054	0.184838785	-1.167555601	0.323440941	-0.072260987	1.308804528	0.001374047	0.013415976
YGL02_GNYA1SO04IAFA4	8.980624954	-1.815444005	-0.00988361	0.91382935	-1.255307098	0.083377801	0.598562143	0.002333918	0.019583834
YGL02.21546.C1	7.739174322	-1.816240008	-0.171704765	-0.572650659	0.183798377	0.415556435	0.615899074	4.84E-05	0.001276077
YGL02.2828.C4	6.672125499	-1.816392326	-0.314279367	-0.948650823	-0.270656832	0.863974594	1.524533401	1.34E-08	9.39E-06
YGL02.6294.C2	12.14541505	-1.817380685	-0.147632828	-0.168116443	0.050121814	0.4757321	0.828019622	4.17E-09	5.81E-06
YGL02_GNYA1SO04H9T3T	5.177623474	-1.817632693	0.241613007	-0.763825423	0.531971012	0.182884377	0.883185022	0.002048388	0.017834008
YGL02_GNYA1SO04JG63I	4.584199102	-1.818329469	-0.599967181	-1.481567361	0.156413075	0.909423618	1.866405627	0.003252205	0.02482923
YGL02.14192.C1	5.944523044	-1.818526692	-0.478810032	-1.015971015	0.236111935	0.899823359	1.700118893	0.000376681	0.005360988
YGL02.19034.C1	4.893014009	-1.81994191	-0.963966506	-1.010349634	0.16038336	1.099796153	0.978321408	0.000743303	0.008691295
YGL02.5664.C1	4.76335889	-1.821598513	-0.951320479	-1.642849973	-0.080683449	0.985801202	1.700286928	5.97E-06	0.000310769
YGL02.298.C1	5.246004575	-1.823723122	-0.335607472	-0.251885258	-0.183472212	1.06207431	0.75437021	0.000103808	0.002176718
YGL02.3988.C1	10.56185323	-1.824099644	-0.576304245	-0.625317434	0.412328971	0.753986038	1.0681405	0.000719142	0.008480771
YGL02_GNYA1SO04JBRF6	4.80353315	-1.824525719	-2.026900511	0.208732837	-0.040797406	1.876703617	-0.143752815	4.92E-06	0.000274739
YGL02.2653.C1	4.796703527	-1.825554024	0.171555294	-1.548619134	0.394156238	0.582891068	1.927741555	5.03E-05	0.001306118
YGL02_GNYA1SO04JH3B3	4.781959756	-1.825727802	-0.23682044	-0.998224024	1.185983093	0.41464247	1.34344839	0.00025163	0.004031359
YGL02.1891.C1	6.365544809	-1.82827333	-0.181374667	-0.639273091	0.010892714	0.299841667	0.913600826	5.82E-06	0.000306512
YGL02.14216.C1	5.184451082	-1.828321547	-0.067141614	-1.050949054	0.607732783	-0.198768823	0.846904334	0.000199187	0.003421901
YGL02.3846.C1	4.726246503	-1.828669035	-0.276320965	-1.58753935	1.724456399	0.1376312	1.498584945	0.001893942	0.016879653
YGL02.11006.C1	4.930649003	-1.831348568	0.003961866	-0.786710691	0.18589462	0.349480757	0.994878792	0.001060445	0.011167167
YGL02.242.C3	9.37016065	-1.831961039	-0.439293651	-1.621474951	-0.064794095	0.276109318	1.425017633	6.72E-09	7.02E-06
YGL02_GNYA1SO04H0M0V	5.013161037	-1.832341469	-0.167628371	-0.267236199	-0.117275163	0.623085054	0.485238597	0.001212464	0.012286487
YGL02.4.C24	4.414282154	-1.83289743	-0.020609141	-0.034047496	0.498743625	0.350861501	0.01979852	9.36E-05	0.00202963
YGL02.849.C5	5.431154959	-1.833199446	-0.618925252	-1.09417781	-0.100980061	0.765755612	0.833369675	0.000349764	0.005096046
YGL02.6746.C2	5.628266389	-1.834815617	-1.531195742	-2.107738116	0.001359593	1.610654021	1.24863885	0.000380788	0.005400414
YGL02_GNYA1SO04I9RKE	7.866596556	-1.836723889	-0.970112614	-1.402934132	0.192004135	0.56406619	0.894722165	5.84E-07	7.13E-05
YGL02_GNYA1SO04I0P6B	5.954569872	-1.837316975	-2.658102572	-2.404736668	-0.230365593	1.599206687	1.43788791	5.92E-05	0.001464157
YGL02.2178.C1	10.53406428	-1.839251967	-1.349885446	-0.694560106	1.221843304	0.530082956	1.427732595	0.00023351	0.003824818
YGL02_GNYA1SO04IHGD8	6.97290547	-1.839691905	-0.190463597	-0.850178041	0.675833158	0.256667043	0.433362194	4.00E-05	0.001120033
YGL02.1924.C3	7.735926549	-1.840184927	-0.114118387	-1.433775455	0.871951449	-0.19721274	0.259985133	3.38E-05	0.000999553
YGL02.7303.C1	7.049768035	-1.844152933	-0.061272242	-0.263563906	0.789432812	0.406010122	0.7233891	2.03E-06	0.000157227
YGL02.11942.C1	4.881572954	-1.847414646	0.468864878	0.206119381	0.340028484	-0.372805478	1.024031844	7.48E-07	8.37E-05
YGL02.11794.C1	7.039623824	-1.847668463	-0.042042692	-0.58999324	0.05222015	0.280970432	0.868808069	7.68E-06	0.000366262
YGL02_GNYA1SO04ID0ZV	5.260919215	-1.848071948	-0.230008709	-0.434614427	-0.629582011	0.230337941	0.649524924	0.008140254	0.048110314
YGL02_GNYA1SO04IX0JM	8.067580511	-1.851430109	-0.416923091	-1.423892645	0.080928367	0.387857587	0.99610883	5.57E-08	1.96E-05
YGL02.18506.C1	6.461692731	-1.852548348	0.107269843	-1.308790802	-0.459609766	0.77008197	1.209620713	0.000954772	0.010384749
YGL02_GNYA1SO04IHXQU	5.173739313	-1.853253996	0.06080453	-0.411928033	-0.257133828	0.243316886	0.52653258	0.000124778	0.00247298
YGL02_GNYA1SO04JJ0XA	5.810417201	-1.858760857	0.225066451	-0.46489193	0.04698387	0.296940099	1.416843857	6.41E-05	0.001544429
YGL02.6512.C1	7.718995686	-1.858765661	-0.415478495	-0.522657753	0.04465978	1.117874291	1.217549352	2.48E-07	4.16E-05
YGL02.4879.C4	5.789083993	-1.859954146	-0.06986994	-0.376471282	0.904170094	0.648479539	0.826625616	9.67E-05	0.002075602
YGL02_GNYA1SO04I4OP7	8.888512962	-1.860176904	-0.19745672	-1.151823217	0.350572674	0.457388007	1.05357121	6.60E-09	7.01E-06
YGL02.17146.C1	4.716419688	-1.860491383	-1.675038971	-0.94602396	0.163193149	1.694335077	1.203869346	3.90E-05	0.001103219
YGL02.13926.C1	6.375198599	-1.860585866	0.002254464	-0.305597445	-0.15065021	0.873233462	1.021900097	0.000319793	0.004784806
YGL02_GNYA1SO04IL6AD	5.421902975	-1.860595708	-0.454007684	-0.488927644	0.054071477	1.567579785	1.141543203	1.61E-05	0.000596027
YGL02.12422.C1	7.90119214	-1.861749695	-0.094859865	-0.810362374	-0.008182052	0.667527506	1.389708796	1.46E-07	3.05E-05
YGL02_GNYA1SO04JSX2V	5.556415184	-1.861777452	-1.400697449	-0.901832894	-1.164772984	1.595291607	1.664207756	0.005764815	0.037583997
YGL02_GNYA1SO04H1CBJ	7.462071004	-1.861899292	-1.486719604	-1.518549311	0.170510249	0.403701528	1.437227982	0.006119141	0.039191116
YGL02.16072.C1	6.72728792	-1.864007826	-2.544486186	-2.804842521	0.054313136	0.727084485	0.91513729	2.60E-05	0.000831187
YGL02_GNYA1SO04IZS4Y	5.857820153	-1.865268863	-0.352484599	-1.017373947	0.7833816	0.513251751	1.181053485	5.88E-05	0.001457699
YGL02.172.C2	5.008305268	-1.871181567	-0.892089205	-1.994919523	0.184829497	0.543874046	2.112874088	0.00384047	0.027946309
YGL02.1345.C1	4.697374039	-1.871206153	-1.94172116	-1.954791732	0.070139923	1.836437748	1.877512022	6.08E-07	7.29E-05
YGL02.136.C1	5.498616519	-1.872160184	0.529804973	-0.112297229	0.953908935	-0.233738251	0.47272314	0.002742769	0.022015904
YGL02_GNYA1SO04ID2KF	6.882139611	-1.876960468	-0.081247285	-0.348273024	-0.025957811	0.96824261	1.050512725	4.85E-06	0.000271678
YGL02_GNYA1SO04IOINE	5.373786476	-1.878078264	-1.866210587	-0.141693728	-0.590094859	1.964903785	-0.045467217	0.002990142	0.023369419
YGL02.6615.C2	7.995885195	-1.878246283	-0.258426914	-0.820203912	-0.226996574	0.53716917	1.187676574	1.90E-06	0.000151428
YGL02.11994.C1	6.320711424	-1.879381489	-0.133565261	-0.5712774	0.141571931	-0.014164156	0.572107728	6.99E-07	8.01E-05
YGL02_GNYA1SO04I69JT	8.075652091	-1.881505837	-0.333476839	-1.804574568	-0.167273532	-0.264927188	0.264826622	3.77E-06	0.00023185
YGL02.18622.C1	5.957772753	-1.88528324	0.478487238	-1.138146795	-0.036766599	0.302161717	1.433902064	2.38E-05	0.00078082
YGL02.22023.C1	5.814525466	-1.886155654	-0.370241198	-1.551622778	-0.175768203	0.309350362	1.876400517	7.64E-05	0.001753058
YGL02_GNYA1SO04JRMKT	4.913730675	-1.886262704	0.154670782	-1.278654404	0.134241107	0.166485405	1.385931485	0.001046572	0.011068999
YGL02.7601.C2	5.684214701	-1.886696494	-0.577937039	-0.799631276	-0.169473131	0.687337245	1.0649909	0.000124208	0.002466222
YGL02.17350.C1	5.318733744	-1.889144793	-0.48295393	-0.746351323	0.539909554	0.866128361	0.647222256	0.000857998	0.009619819
YGL02_GNYA1SO04IBOG6	5.089874192	-1.890913387	-1.900016569	-1.822099433	-0.550026869	1.859870284	1.886342422	0.00383419	0.027908452
YGL02_GNYA1SO04JSKCA	5.178912022	-1.896213418	0.32335669	-0.307604238	0.792542621	-0.244460802	0.399205206	0.000821974	0.0093339
YGL02.11056.C1	6.190845463	-1.897156822	0.036913178	-0.091729961	0.965323592	-0.591480272	0.733517389	0.000235847	0.003852863
YGL02_GNYA1SO04JMZMT	4.801574879	-1.901254412	-0.379584305	-1.640345316	-0.072374088	0.379209619	1.803873477	0.005941732	0.038383783
YGL02.3733.C1	7.522301819	-1.904249966	-0.887161353	-1.399947948	-0.32323816	1.029646435	1.593532104	3.44E-06	0.000218639
YGL02.8755.C1	8.031308246	-1.90549849	-0.304763724	-0.882614497	0.117128857	0.165203668	0.961628411	1.54E-05	0.000578593
YGL02_GNYA1SO04IT2T9	5.927161088	-1.905638627	-1.180999768	-0.645843855	-0.493290933	1.836820456	1.143777736	0.008017458	0.047593092
YGL02_GNYA1SO04ICI7G	4.467584344	-1.907079384	-1.331059627	-1.100643468	0.751128283	2.691026065	1.841728633	0.002110972	0.018208637
YGL02.9306.C1	4.859706549	-1.91361765	0.351982282	-0.484921233	0.970869002	-0.056926451	0.098206359	0.000526792	0.006774419

YGL02.10429.C1	4.596847319	-1.915479369	-1.495941121	-1.413173499	0.266674244	1.49603438	2.045509282	0.000426295	0.005834923
YGL02_GNYA1SO04IO2I9	7.81988675	-1.915719261	-0.243307394	-0.740041202	0.120674705	0.13138084	0.642889731	1.14E-06	0.000110202
YGL02_GNYA1SO04I9E3J	6.885601921	-1.915757011	-0.507894383	-0.853798983	0.539136511	0.334236543	0.813260943	0.000814839	0.00927892
YGL02_GNYA1SO04JAQ4Y	4.701167748	-1.917144544	-0.99151363	-1.664220587	0.357429354	1.342376089	1.869160714	0.000286085	0.004425156
YGL02_GNYA1SO04JRPUX	5.826745307	-1.917561719	0.237706746	-0.083659489	0.368087677	-0.12693884	0.99834846	4.35E-06	0.000253451
YGL02_GNYA1SO04ICZT0	4.68988924	-1.918138528	0.142222653	-0.393643008	0.571124539	0.739192069	0.660326277	0.000250177	0.004015533
YGL02_GNYA1SO04IN4L0	6.423662296	-1.919345489	-0.231150176	-0.403423946	0.281020254	0.156140856	0.815907543	7.96E-06	0.000375122
YGL02.5367.C1	5.509919595	-1.919624449	-1.375497336	-1.360457565	-0.137473673	1.454554218	0.994805824	0.000114648	0.002330304
YGL02_GNYA1SO04I9RZW	5.344774931	-1.920103567	-0.370059818	-1.12156355	0.218024183	0.381975258	0.684410334	0.000111519	0.002288657
YGL02.1085.C2	13.6339154	-1.920416536	-1.1827532	-0.22812967	0.403884593	0.587531572	1.546513296	0.001655461	0.01533576
YGL02_GNYA1SO04IW057	13.40269155	-1.920429316	-0.139542039	-1.321639753	0.214138826	0.174608445	1.409305856	4.78E-10	3.18E-06
YGL02_GNYA1SO04JO6NW	6.805386357	-1.921554447	0.661270825	-1.510932185	-0.195447408	0.393740105	1.754873981	1.54E-05	0.00057942
YGL02_GNYA1SO04JBR5P	4.865942913	-1.922300697	-0.273411901	-1.866977854	0.15675698	0.29111452	1.703988823	1.28E-05	0.000505874
YGL02.835.C2	8.959970641	-1.923307918	0.1576006	0.063830302	0.13115322	0.556852473	0.879350034	1.16E-07	2.74E-05
YGL02_GNYA1SO04H0HH3	5.504572526	-1.924248093	-0.202363096	-0.094995565	0.456426076	1.018093406	1.203925448	7.72E-05	0.001767629
YGL02_GNYA1SO04JC6PB	4.617197917	-1.925649738	-0.446171429	-0.629642958	0.289131217	0.723723076	0.572007412	1.01E-05	0.000436966
YGL02_GNYA1SO04INENA	9.899097093	-1.926357804	-0.188919332	-1.269450991	-0.095593771	0.37481218	1.599898156	5.04E-09	6.22E-06
YGL02.7110.C1	6.776389706	-1.926702241	-0.007381085	-0.254132958	-0.189362408	-0.007344853	0.71242551	3.76E-06	0.000231562
YGL02.14488.C1	7.838410668	-1.929292067	-0.159998948	-1.129687719	-0.289654167	0.473368099	1.312343855	1.71E-08	1.04E-05
YGL02_GNYA1SO04JVCM8	7.439591307	-1.930401705	0.05288123	-0.475658608	0.771741492	0.175857408	0.63786641	8.30E-06	0.000385866
YGL02.17826.C1	4.733733305	-1.933246676	-1.318871179	-1.366427314	0.253897758	1.336125791	1.965125305	4.07E-05	0.001134259
YGL02.8355.C1	8.031775039	-1.934419196	-0.446136734	-0.648352799	-0.277364171	0.454910173	1.259634212	5.25E-05	0.001344285
YGL02.8958.C1	5.420945975	-1.936086653	-0.035845018	-1.061157427	0.971761274	-0.072092158	0.956502458	0.003276517	0.024967738
YGL02_GNYA1SO04JMGTD	9.884183759	-1.938299681	-0.030990311	-1.088792697	-0.173764276	0.336978139	1.295870375	1.18E-10	3.06E-06
YGL02.701.C1	13.76775678	-1.941148889	-0.809714687	-2.238091837	0.229590165	0.708097724	1.458109932	0.003772576	0.027598035
YGL02_GNYA1SO04I5XDH	6.684776729	-1.941407922	0.008389977	-0.413291672	0.452477508	0.568155066	1.142903186	4.25E-05	0.001169056
YGL02.13242.C1	7.362423419	-1.944149216	-0.456708101	-1.281747814	0.340063772	1.161460723	1.345474241	0.001880704	0.01679867
YGL02_GNYA1SO04IA5DR	5.173211774	-1.944262305	0.003095691	-0.811173437	0.131090384	1.316476507	1.302672808	0.008197335	0.048327522
YGL02.21179.C1	5.472191449	-1.947880225	0.59520903	0.334210991	1.155148711	-0.314248979	-0.103575194	3.30E-06	0.000212657
YGL02.3791.C1	5.204985325	-1.948717374	-1.45454313	-0.854197964	-0.167907396	1.673476296	1.087753927	0.0001137	0.002318356
YGL02_GNYA1SO04ICTYC	6.354065057	-1.949065057	-0.190570694	-0.236818817	0.745888019	-0.080824418	0.724359419	3.70E-05	0.001064343
YGL02_GNYA1SO04IRW2D	8.261811273	-1.949461344	-0.483643689	-0.911598581	-0.161008225	0.033820539	0.920420545	1.80E-08	1.07E-05
YGL02_GNYA1SO04JP6Z1	5.946163502	-1.950284927	0.29832365	-0.29076207	-0.01015351	1.226168076	1.324527912	1.45E-05	0.000555734
YGL02_GNYA1SO04JQ9Z5	5.001074719	-1.951701183	-0.836244303	-1.392394334	-0.185865252	0.93315402	1.398417007	0.003749668	0.02747546
YGL02_GNYA1SO04IMQRG	5.267949316	-1.953689443	0.658493323	-0.637957439	0.062259022	-0.270508019	0.681341855	0.005784264	0.037678551
YGL02_GNYA1SO04H563I	9.270950176	-1.95408851	-0.06119846	-0.304528828	0.453972025	0.027127108	0.488335527	1.80E-07	3.44E-05
YGL02.14249.C1	5.214406622	-1.95475333	0.759525786	-0.125819884	0.101485351	-0.269012388	0.326701766	2.35E-05	0.00077395
YGL02.22445.C1	6.838641635	-1.957615951	-0.285864218	-1.162144694	0.111924016	0.499112357	1.207571357	0.000111786	0.002293196
YGL02_GNYA1SO04IF2T4	4.659610107	-1.959656328	-0.748144153	-0.988349688	1.127586344	0.950580664	1.254344045	0.000228287	0.003764963
YGL02_GNYA1SO04JN44J	5.807084154	-1.962813733	-0.613188097	-0.713189459	0.224259189	0.553505126	0.105256423	1.16E-05	0.000477352
YGL02_GNYA1SO04H97AJ	8.839257382	-1.963017318	-0.208383536	-1.078282	-0.01282094	0.144429345	1.317295064	9.25E-10	3.26E-06
YGL02_GNYA1SO04IRJOE	6.47685129	-1.965321132	0.376037556	-0.405598625	0.004116833	0.465355949	1.245793069	1.44E-06	0.0001271
YGL02.875.C1	5.54267169	-1.965576979	-0.374111374	-1.882757355	-0.375452573	0.221950819	1.49426541	1.20E-05	0.000486266
YGL02.8554.C1	8.275482004	-1.966908022	-0.45516391	-1.020480922	-0.173343019	0.148379067	0.80734093	6.68E-08	2.08E-05
YGL02_GNYA1SO04IWEQB	4.821068439	-1.968284302	-1.155797092	-1.220409116	0.425185709	1.649679309	2.076711113	0.006143272	0.039297584
YGL02_GNYA1SO04JOI2I	5.372012134	-1.969332088	-0.192642892	-1.069867478	0.17521737	1.056542164	1.014014151	6.97E-06	0.000343489
YGL02.4633.C1	7.317770656	-1.970722336	-2.0740819	-2.004228864	0.669373672	1.554288392	1.479085835	0.004363552	0.030673745
YGL02_GNYA1SO04IY28H	4.852998581	-1.972670648	-1.062174784	-2.226965964	0.237948676	0.793550147	1.967759179	0.007692658	0.046207267
YGL02_GNYA1SO04I3TBZ	5.89724288	-1.974252614	-0.350198636	-1.26420761	0.012323203	0.59582144	1.219805868	0.000705125	0.008357329
YGL02.4.C27	6.62896962	-1.975007405	-0.539050399	-0.65382121	-0.200275076	0.927334299	0.885836347	0.000141688	0.002700659
YGL02_GNYA1SO04I9B0B	9.751625603	-1.97569867	-0.172622491	-1.195067597	-0.160670043	0.256854711	1.142219106	2.86E-08	1.38E-05
YGL02_GNYA1SO04IOLMI	6.382319573	-1.976009692	1.485645027	-0.227229406	0.541505903	0.583103249	0.770769207	9.62E-05	0.002070345
YGL02_GNYA1SO04IH5WO	4.881053963	-1.976510544	-0.169900084	-1.127684372	0.848650119	1.047380369	1.10714721	0.000758546	0.008818704
YGL02_GNYA1SO04IIY3Y	6.078110106	-1.97791918	-0.925441266	-1.767424759	-0.303015653	-0.095647799	1.818562183	0.00017702	0.003144342
YGL02_GNYA1SO04I2M0H	4.640751675	-1.979049105	-0.412258688	-1.924064872	0.259284714	0.382453254	2.188082075	7.96E-06	0.000375122
YGL02.19648.C1	5.581174126	-1.980012101	-1.307790892	-1.783553727	0.0530295	1.255601586	1.97330173	2.10E-05	0.000718829
YGL02.10825.C1	5.988024896	-1.9841167	-1.000807689	-0.471575051	-0.410801452	1.382077068	1.644206873	2.82E-06	0.0001928
YGL02_GNYA1SO04I9T6O	6.027835275	-1.98460364	-0.31319272	-1.006925534	0.35860371	0.759913677	1.206051634	0.000219244	0.003660134
YGL02_GNYA1SO04JRLZX	5.09016334	-1.985613848	-0.24455892	-1.298722063	0.233306669	0.038924907	1.691893436	0.00126754	0.012666382
YGL02_GNYA1SO04I7F8L	4.97306631	-1.985999077	0.217154436	-0.62759983	-0.063920665	-0.061440289	1.247942206	7.19E-05	0.001681188
YGL02_GNYA1SO04IX1FT	6.731147479	-1.986995299	0.263832047	-0.479675359	0.570903774	0.579213293	0.761842146	3.06E-07	4.79E-05
YGL02.13889.C1	10.52822038	-1.988582391	0.133531044	0.016331032	-0.315766709	0.436900791	1.136808568	1.12E-07	2.69E-05
YGL02_GNYA1SO04I7DZ1	7.085169735	-1.988792906	0.135807198	-0.426312265	-0.258105959	0.550894961	0.875497865	8.70E-06	0.000397001
YGL02.2450.C1	8.634301305	-1.989149485	-0.798908277	-0.861475219	0.160503537	0.993591813	1.567641355	1.72E-05	0.000621058
YGL02.18354.C1	4.981749439	-1.990069843	-1.395295865	-1.95800501	0.138392728	1.233316775	1.870256036	0.000120468	0.002414535
YGL02.1924.C1	7.633328766	-1.991623265	-0.299654605	-1.706480546	0.587443081	-0.166379896	-0.078054688	3.87E-05	0.001098705
YGL02.11427.C1	5.284786099	-1.991808308	-0.491724495	-2.444476186	0.181741279	0.597142981	1.984113518	1.56E-06	0.000133834
YGL02.12745.C1	8.484742238	-1.994916507	-1.791391288	-0.57895972	0.318571589	0.431524519	1.065635972	6.02E-06	0.000312491
YGL02.16794.C1	7.876876885	-1.996588382	-0.25750836	-0.564914686	0.108435526	0.487632523	0.994656299	2.33E-05	0.000771863
YGL02_GNYA1SO04H4WPS	6.693939164	-1.999137335	-0.139832801	-0.799819375	0.030268372	0.351438845	0.603363622	9.47E-07	9.75E-05
YGL02.2623.C1	7.136398344	-2.000891664	-0.546560003	-0.820102418	-0.234252749	0.206691936	0.821272175	1.74E-05	0.000626817
YGL02_GNYA1SO04JB31D	5.236111933	-2.001131229	-0.164823398	-1.55031036	0.471674055	-0.493189953	1.672759277	0.002281501	0.019278846
YGL02_GNYA1SO04JUD8F	7.136409218	-2.006321539	-0.150194111	-0.63935655	0.119108464	0.3222554	1.393277512	8.50E-05	0.001892541
YGL02_GNYA1SO04H2I0D	4.964799208	-2.007340283	-0.227550177	-1.212515478	0.272173307	0.740446668	1.327529824	0.000671429	0.008069808
YGL02_GNYA1SO04IYU8W	8.614727897	-2.008099017	-0.313622845	-0.797332438	-0.200115778	0.416541128	0.699445671	1.34E-07	2.92E-05
YGL02.9555.C1	6.558993784	-2.008463817	-0.058747875	-0.430305181	0.536003666	0.476205931	1.129150475	6.26E-07	7.46E-05
YGL02.4.C41	8.326849385	-2.009635137	-1.152510711	-1.516992907	-0.488320823	1.538339382	1.413807046	0.000911702	0.010045382
YGL02_GNYA1SO04IKBYO	12.61106279	-2.01022979	-0.480173723	-0.527742427	0.255202098	0.854459886	1.502245027	0.001173034	0.011996951
YGL02_GNYA1SO04IRECN	4.888579299	-2.01117629	-0.135271275	-0.11238822	0.856865715	0.531442177	-0.19716345	0.000202665	0.003462719
YGL02.18702.C1	7.251663851	-2.012381994	-0.299678163	-1.061572928	0.176848771	-0.102581005	1.128679938	1.21E-06	0.000114635
YGL02.1076.C2	6.103864619	-2.013047732	-1.770481568	-1.081829329	0.33511729	0.618858582	1.437292456	0.004280242	0.030248962
YGL02.6940.C1	5.498137231	-2.013904387	0.226485931	-0.346225539	0.187241171	0.016127746	0.560299611	7.92E-06	0.000374033
YGL02_GNYA1SO04I7JWE	6.675667785	-2.016412664	-0.623962976	-0.691712855	0.222173252	0.633047292	0.344390492	0.003677183	0.027089953
YGL02.9970.C1	5.842604172	-2.016709385	-0.082566723	-1.884281801	0.122489347	0.117245397	2.026369062	0.000131201	0.002559546
YGL02_GNYA1SO04H1Q6V	6.741087167	-2.017708625	0.101738535	-0.82434118	1.611788407	-0.100730272	0.271468915	7.87E-05	0.001793229
YGL02_GNYA1SO04JIEQ5	5.643649633	-2.018119768	0.567793238	-2.520397107	0.2509649	-0.918288344	1.865310246	0.000359048	0.005185806
YGL02_GNYA1SO04H55AB	4.792236601	-2.019650949	-0.839703918	-1.419647098	0.535761714	0.902381852	1.62037429	0.001917871	0.017044823
YGL02_GNYA1SO04JKC11	5.488259879	-2.023595593	0.321691533	-0.53947496	0.394684535	-0.334919865	-0.166218029	0.004267419	0.030171511
YGL02_GNYA1SO04IPD4K	7.108206233	-2.024914817	0.231703191	-0.51265008	-0.443691998	0.597649607	0.848585332	1.45E-06	0.000127715
YGL02_GNYA1SO04I3258	5.97343031	-2.025056138	-0.228028696	-0.785484745	0.466092983	0.165518857	0.517500247	4.85E-06	0.000271665

YGL02.12287.C1	7.040907484	-2.026798424	-0.638300169	-1.145000563	0.607498293	0.92119875	1.021314406	1.04E-07	2.60E-05
YGL02.14554.C1	5.128007201	-2.027761653	-0.438439091	-0.568061442	1.476973143	0.565934392	0.534436695	0.000128276	0.002517644
YGL02_GNYA1SO04ISVHF	5.50400882	-2.029337466	0.303329345	-0.006351965	0.388876343	0.039266527	0.619341065	5.18E-05	0.001332917
YGL02.8407.C1	4.561907024	-2.029388146	-0.379624138	-0.502783051	0.843088476	0.756652046	0.891520945	2.12E-05	0.00072292
YGL02_GNYA1SO04H787T	5.819308828	-2.029463971	-0.378586169	-0.15829947	1.276595812	-0.092923303	0.638619349	0.000495105	0.00647888
YGL02_GNYA1SO04JMURT	6.717319838	-2.031162309	-0.126132756	-0.356582552	-0.463464843	0.336366679	1.069505301	0.000999279	0.010701659
YGL02_GNYA1SO04IK6P5	7.967018559	-2.032105561	-0.128380159	-0.431473903	0.223238456	0.502589821	1.024407102	1.51E-06	0.000130755
YGL02_GNYA1SO04I26OT	12.45855032	-2.03279072	-1.19726984	-0.337646988	1.104391175	1.042235075	1.598875271	0.000265317	0.004191526
YGL02.7962.C1	6.763236666	-2.034134866	-0.176385706	-1.034645057	0.474863335	0.251960508	1.301139892	1.03E-05	0.000443146
YGL02_GNYA1SO04JZO99	4.688702191	-2.03415725	-1.232340684	-0.823843468	0.471409397	1.112826255	1.211809585	0.005803833	0.037751727
YGL02_GNYA1SO04INEXG	4.766984374	-2.034250282	-0.870706395	-0.6568735	0.764985461	1.391015603	1.303899581	0.000604975	0.007476899
YGL02.4664.C10	6.817768119	-2.035281899	0.031715082	-0.365671657	0.405215281	0.217487128	0.224921418	3.80E-06	0.000232912
YGL02_GNYA1SO04JQALW	7.877036095	-2.035298983	-0.413005531	-0.834520802	0.025451238	0.530594754	1.425549359	1.08E-07	2.65E-05
YGL02.8121.C1	5.422343657	-2.036704147	-0.965334313	-0.635139991	0.349320029	0.572171605	0.565847126	0.001151192	0.011840891
YGL02_GNYA1SO04JJ0H5	5.557474024	-2.037527468	-2.452135962	-1.652907572	0.532389461	3.023874788	1.186121875	0.006823086	0.042326935
YGL02_GNYA1SO04JAHEE	5.723104111	-2.040763655	-0.252599942	-1.782803537	-0.098675626	0.125068556	1.27050866	0.000571941	0.007192188
YGL02_GNYA1SO04JAWAJ	4.23378485	-2.041012662	-0.124849751	-0.741894753	0.951833125	0.719625046	1.238341333	0.00026107	0.00414364
YGL02_GNYA1SO04ITGFU	4.879859037	-2.041071682	-0.104907359	-0.38271756	0.524653868	0.724825684	0.113826239	3.44E-05	0.001010809
YGL02.5514.C1	5.661833326	-2.043199346	-0.02312968	-0.084774144	0.015737565	0.752069907	0.949220225	0.003045593	0.023694664
YGL02.17327.C1	5.226330429	-2.045999074	-1.525899091	-0.810866914	-0.162265172	1.276487024	1.600874007	9.02E-06	0.000406179
YGL02.13283.C1	5.454528539	-2.049099335	-0.372077537	-0.604818254	0.282180629	0.536686525	0.6966044	0.000654242	0.007920244
YGL02_GNYA1SO04JVCZG	7.254457149	-2.04974507	-0.155120168	-0.860633795	0.564020594	0.276422109	1.052831957	3.14E-06	0.000206015
YGL02.1318.C1	8.179903579	-2.051542006	0.083061872	-0.528786838	0.910531748	0.265826658	0.673450333	2.35E-07	4.05E-05
YGL02_GNYA1SO04IWBR5	4.706897044	-2.054529852	-0.994593034	-1.797056102	0.691122163	1.643270362	1.767280244	0.000211339	0.003563541
YGL02.1924.C2	7.270612719	-2.055548005	-0.284519241	-1.622274703	0.913868534	0.085982369	-0.046344571	8.51E-05	0.001893059
YGL02.1047.C1	5.63350657	-2.058034675	-0.357441394	-1.293645861	-0.453598518	0.352362719	1.609462968	6.08E-05	0.001489187
YGL02.23380.C1	7.136852563	-2.058291408	-0.40735381	-0.531901825	0.016246121	0.849986392	0.778152036	2.29E-06	0.000168808
YGL02.20970.C1	5.604105658	-2.062286561	-0.128699367	-0.659711057	1.707814014	0.414184896	0.795570876	4.20E-06	0.000248704
YGL02.406.C2	7.305000036	-2.063302192	-1.349813147	-1.689571822	-0.242297858	1.004623056	1.055356326	0.000172389	0.00309309
YGL02_GNYA1SO04JYIX8	6.317057159	-2.064404189	-1.364240514	-2.690852584	-0.072884802	-0.012438245	2.288197657	0.001039487	0.011018363
YGL02_GNYA1SO04JH3RI	4.318114457	-2.064937884	-0.343484792	-0.261551649	1.340864744	1.12198055	1.078056272	0.000142664	0.002714072
YGL02.7345.C1	12.51997654	-2.066333273	-0.501453373	-0.555829346	0.312043456	0.868245233	1.518453899	0.001179888	0.012048015
YGL02_GNYA1SO04J0LJ4	6.550972805	-2.067630932	0.054591519	-0.5617881	0.46962245	0.051474145	0.746764539	2.40E-06	0.000174601
YGL02.4107.C3	4.764798505	-2.069532821	-1.667342083	-1.409942728	0.237091906	1.622460075	1.437799676	2.83E-05	0.000884217
YGL02.6856.C1	10.84400272	-2.070356041	-1.611950154	-0.997584145	1.243070252	0.873457264	1.667630687	2.88E-05	0.000896151
YGL02.2048.C2	5.919182438	-2.073215735	-2.199682752	-2.822059186	-0.065677007	2.247079364	2.509179648	0.000644656	0.007837911
YGL02_GNYA1SO04JU239	4.912960451	-2.073964406	-0.613954352	-1.795307595	0.620093641	0.614777219	1.728970093	0.002952543	0.023156458
YGL02_GNYA1SO04IIL30	6.164482746	-2.075981181	-0.001289013	-0.903304499	0.635923805	0.991504621	0.996355616	0.00013666	0.002631945
YGL02.1675.C1	5.965766983	-2.079686388	-0.502535318	-0.44132835	0.707845374	0.108688619	0.565280169	1.33E-05	0.000521672
YGL02_GNYA1SO04IM9YU	9.466111769	-2.082188409	-0.565647072	-1.901723089	-0.245628187	0.656983963	1.814159313	5.48E-08	1.95E-05
YGL02_GNYA1SO04H0FHH	5.511760695	-2.083437284	-2.48213521	-2.168111838	-0.403354811	2.10664315	1.889809561	0.007228531	0.044177591
YGL02.16901.C2	6.238293579	-2.085304761	-0.752355502	-1.733070734	-0.099945392	0.820943247	1.607567968	0.003486859	0.026078006
YGL02.20208.C1	4.990380803	-2.085538694	-0.689698499	-1.218091887	0.430395338	0.820824507	1.130327275	0.000223854	0.003716481
YGL02_GNYA1SO04IT9YN	5.566403249	-2.08813912	0.241675028	-1.938666789	0.003003511	0.270912251	1.880742677	0.000172427	0.00309309
YGL02.12939.C1	5.184833943	-2.0887589	-0.58052766	-0.572264052	0.461179114	0.213358453	1.399884558	1.39E-05	0.000539649
YGL02_GNYA1SO04JS02L	6.073180747	-2.088780352	-0.851868552	-1.056910689	0.513383729	0.651882227	0.66125428	0.000320446	0.004790529
YGL02.701.C2	12.64964609	-2.089159775	-0.694973407	-2.143672917	0.155621311	0.752163384	1.478742558	0.000982079	0.010581337
YGL02.17381.C1	6.455573724	-2.089520596	-0.603818642	-1.118579662	0.147374327	0.733916443	0.54740732	0.000235535	0.003849706
YGL02.4850.C1	8.545608632	-2.08987918	-1.001118051	-1.776567562	0.893685408	0.893168466	1.460035723	0.000297161	0.004546515
YGL02.8364.C1	5.197287302	-2.090387185	-0.3402493	-1.198319684	0.025054716	0.601721106	1.445618739	8.54E-07	9.19E-05
YGL02_GNYA1SO04JXA5R	6.061612449	-2.098431786	-0.111833016	-0.876825577	0.697330094	-0.127464611	-0.035605657	3.87E-05	0.001098825
YGL02.1085.C1	11.78957151	-2.100194853	-1.232651203	-0.269009051	0.42209204	0.858471016	1.631700887	0.001367857	0.013372682
YGL02_GNYA1SO04IITBW	6.166312936	-2.102881543	0.662766384	-0.420367707	0.271212083	-0.121617614	0.376495896	0.001532191	0.014533793
YGL02.9648.C1	6.994815907	-2.10436506	-0.446247878	-1.037160075	0.025447574	0.312391486	0.881131795	1.71E-07	3.34E-05
YGL02.7953.C1	7.499308575	-2.104882014	-0.771937239	-0.693563771	0.445884484	0.245738116	0.654912581	5.06E-06	0.000279714
YGL02_GNYA1SO04IJWYD	9.377549584	-2.110914151	-0.471399427	-1.991750708	-0.214110972	-0.312214845	0.320191895	1.88E-07	3.54E-05
YGL02.12770.C1	5.638829084	-2.111079313	-0.646436443	-0.887615581	0.631227971	1.2127255	1.064240827	6.11E-05	0.001492846
YGL02_GNYA1SO04JLF7H	12.92358828	-2.113812696	-0.839965162	-2.231470108	-0.165264209	0.885265353	1.549665252	0.001070881	0.011238859
YGL02.17983.C1	8.246470577	-2.117854879	-0.329692916	-0.524847282	0.082432837	0.181469117	0.896116756	1.16E-07	2.74E-05
YGL02_GNYA1SO04I2CCS	8.515465394	-2.11872681	-1.093068056	-1.892315963	0.909374473	0.811397128	1.668181068	0.000715047	0.008444776
YGL02.1709.C1	8.073610517	-2.123666389	-0.224909672	-0.850853	0.580088724	0.754313326	1.369359727	0.000302848	0.004610645
YGL02_GNYA1SO04H5FM1	11.31424844	-2.123981828	-1.151085064	-2.345530386	0.462768885	0.832981866	1.58986834	0.000663522	0.00799753
YGL02.7346.C1	12.3109561	-2.124675574	-1.175336017	-1.517101167	0.249386094	0.791090573	1.632677483	0.001842137	0.016564668
YGL02_GNYA1SO04INUS1	6.921440942	-2.127913511	-0.614334987	-0.325440691	0.200688591	0.660576262	1.315049027	0.003755438	0.027500626
YGL02_GNYA1SO04JKCED	5.910453432	-2.128867029	0.014864466	-0.48168325	0.511920979	0.414174915	-0.166801735	7.09E-05	0.001661774
YGL02.5491.C1	5.879015994	-2.129164854	-0.16775516	-0.993634417	0.013402515	0.545838088	1.343023369	0.000205148	0.003485458
YGL02_GNYA1SO04JAWDJ	5.802279062	-2.129405397	-2.413008874	-2.441077282	-0.016439756	1.806084054	1.957773954	7.57E-06	0.000363153
YGL02_GNYA1SO04H91K9	5.350264905	-2.129462304	-1.967859601	-1.258850691	-0.363435347	1.945853612	1.859237642	3.06E-05	0.000933603
YGL02_GNYA1SO04ISICL	5.870710549	-2.132646443	0.074823756	0.120690949	-0.124551181	0.465590997	1.392882408	0.000128454	0.002518856
YGL02.2435.C5	5.587434808	-2.134763631	-0.020762221	-0.669958854	-0.297416111	0.3363907	1.463034989	0.000630067	0.007708722
YGL02.15633.C1	5.564725444	-2.136104841	-0.293428042	-1.572067575	-0.035116316	0.658488832	1.33134339	0.000572381	0.007195619
YGL02_GNYA1SO04JK7U0	11.69700068	-2.136281195	-0.517401181	-0.616395221	0.172469457	0.95855474	1.543994247	0.000778204	0.008973797
YGL02_GNYA1SO04JSH56	6.737984669	-2.136420563	-0.243543019	-1.224906755	-0.371944752	1.064477961	2.011214216	1.05E-05	0.000447754
YGL02_GNYA1SO04H73MB	5.934257646	-2.136967352	-0.648835855	-0.994770839	-0.709551258	0.319802252	1.696683704	5.60E-05	0.001407746
YGL02.13911.C2	7.162949365	-2.138347129	-1.890583872	-1.357112601	0.059008326	0.57133149	1.645598778	0.002226706	0.018929531
YGL02.447.C1	5.251531496	-2.139355704	-0.477061194	-1.520539816	0.040208113	0.643259678	1.420723818	0.000387197	0.005466767
YGL02_GNYA1SO04JLWZT	5.057557039	-2.140691348	-1.535650076	-2.313077887	0.190839275	1.830039458	2.131965041	0.000128839	0.002525251
YGL02_GNYA1SO04JPM52	9.457474353	-2.140879692	-1.54643796	-1.985842532	0.240509883	0.500724145	1.46362627	0.000429613	0.005867946
YGL02_GNYA1SO04JKCZP	6.296433205	-2.140889888	0.259101482	-0.79684297	-1.293767692	0.659049161	0.920403057	0.000176726	0.003144058
YGL02.647.C3	5.992036911	-2.143922063	-0.248835186	-1.165499683	-0.156585195	0.510672656	1.538097652	0.001104407	0.011487411
YGL02_GNYA1SO04JN2AL	6.898521861	-2.143993863	-0.665303908	-1.083237236	0.946958851	1.042790189	0.853778167	9.01E-07	9.44E-05
YGL02_GNYA1SO04IFCWH	7.624073979	-2.144049805	-0.726026252	-0.711899482	-0.500001721	0.979153337	0.374222057	0.000158322	0.002912579
YGL02.14283.C1	4.932206257	-2.146139481	0.041819401	0.241235411	0.275041431	0.431474376	1.219775495	6.98E-07	8.01E-05
YGL02_GNYA1SO04ICH1G	5.592162588	-2.146783636	-0.212243357	-0.536001092	0.626234054	1.313891233	1.282170354	6.82E-06	0.000338846
YGL02_GNYA1SO04JKVM4	5.182107834	-2.147479283	-1.389819829	-0.634768503	0.713776774	1.117647974	0.760008855	0.001251352	0.012553055
YGL02_GNYA1SO04JJU63	7.57345862	-2.152813827	0.510345896	-0.208377433	-0.020293184	0.819076262	1.354372212	1.21E-07	2.78E-05
YGL02.406.C1	8.918348346	-2.153608056	-1.330508058	-1.582189406	0.229940308	0.830633759	1.372048213	2.33E-06	0.000170845
YGL02_GNYA1SO04IMLWA	6.034227716	-2.153683792	-0.603684309	-1.697246238	0.439979545	0.611366418	1.693197808	0.002618015	0.021252959
YGL02.13889.C2	9.702234438	-2.160982515	0.186016838	0.031649245	-0.164625388	0.432429326	1.184592379	9.65E-08	2.53E-05
YGL02.20055.C1	5.847987964	-2.162678298	-0.109306773	-0.601215195	0.784167828	0.117933636	0.250666029	4.24E-06	0.000249875

YGL02_GNYA1SO04IY05V	6.219564124	-2.168142847	-0.131661072	-1.31956506	0.759072373	0.233243772	1.069315576	1.92E-07	3.59E-05
YGL02.1758.C3	5.408405672	-2.170600511	-1.338606676	-1.702908611	0.368245416	1.468549188	1.722440651	0.000385188	0.005447308
YGL02.1775.C2	5.665397759	-2.175088792	-0.061850514	-0.051192402	0.173328374	0.588695028	1.688668535	0.000594674	0.007388104
YGL02.2342.C5	10.06435284	-2.17739101	-0.494593364	-1.76730792	-0.074038055	-0.096031082	0.699238455	1.19E-07	2.77E-05
YGL02_GNYA1SO04I49V7	7.90707701	-2.177573222	-0.069379441	-0.253731133	0.703084809	-0.085048351	0.269336965	1.23E-07	2.80E-05
YGL02.1816.C5	6.546596272	-2.177731336	-0.496528861	-0.648971632	-0.038736816	1.241372138	0.538087834	0.00014481	0.002740806
YGL02_GNYA1SO04JTQ2U	5.679787135	-2.178256429	-0.273009808	-1.874885497	-0.355924448	0.983955731	1.821513905	1.04E-05	0.000445332
YGL02.1184.C9	11.07516518	-2.17855277	-0.679783451	-0.708196815	0.517374792	1.042662608	1.556355027	0.000275811	0.004309532
YGL02_GNYA1SO04IYR5N	4.774639577	-2.180442819	0.070065737	-1.427944812	0.338844243	0.230188135	1.789513164	8.80E-06	0.000400298
YGL02.2632.C1	6.205422393	-2.180601075	-0.523101353	-1.037674711	0.002835797	0.45904572	1.608922398	0.000463964	0.006197805
YGL02_GNYA1SO04JY2I3	5.12507831	-2.187317692	-0.479073104	-1.761397277	0.53977888	0.327615068	1.708692473	2.58E-05	0.000826669
YGL02_GNYA1SO04I4TD4	5.753642493	-2.18735403	-0.345860414	-0.801223392	0.698912722	0.453746489	1.415133765	6.11E-05	0.001493824
YGL02_GNYA1SO04I2KP3	5.159206012	-2.189894993	-1.678810476	-2.565193522	0.511090207	1.204946988	2.90423088	0.002417761	0.020085628
YGL02_GNYA1SO04JSQIU	6.008611682	-2.192140356	-1.851898752	-0.616098838	-0.781609082	1.472084362	0.858078751	0.000465657	0.006214727
YGL02.10511.C1	5.956901268	-2.196151488	0.034477167	-0.972399918	0.634682514	0.716933316	1.564223054	6.05E-05	0.001483757
YGL02.13168.C1	5.917603232	-2.196170584	-0.199145695	-0.31053759	0.881943339	0.169878083	0.534189823	1.70E-07	3.33E-05
YGL02.5050.C2	7.779498949	-2.198187873	-0.384952248	-0.940176928	0.00649638	0.441221034	1.406178108	9.96E-08	2.56E-05
YGL02.19503.C1	6.825598603	-2.198879447	-0.592666308	-0.656148181	0.813165753	0.668652926	1.180774748	8.11E-07	8.85E-05
YGL02.12213.C1	9.07416936	-2.200593887	-0.255171785	-1.768966655	0.415764453	0.066603774	0.59336115	7.68E-06	0.000366262
YGL02_GNYA1SO04JN9GU	7.723229264	-2.201687132	-0.354457041	-0.674215432	1.268642435	0.436562269	0.704399814	1.46E-06	0.000127907
YGL02_GNYA1SO04IM8LA	4.892754697	-2.203384045	-1.161039199	-1.396227506	0.512586334	1.599017802	1.552387828	0.000353504	0.005127464
YGL02_GNYA1SO04H09SI	5.075908121	-2.203732569	0.186443725	-0.679896303	-0.054633914	0.304407497	1.48539815	2.74E-05	0.000861471
YGL02_GNYA1SO04JV5QW	5.794025694	-2.204580426	-1.143684194	-1.662248612	0.126875976	0.467818146	1.828423002	1.58E-06	0.00013455
YGL02_GNYA1SO04IXYEE	6.972942163	-2.208518249	0.176610213	-0.931690951	-0.166471614	0.776631001	1.730329618	6.92E-06	0.000342202
YGL02.8417.C1	8.114874272	-2.209615273	0.033022023	-1.550821011	0.123247259	-0.398093632	0.707274007	3.21E-08	1.43E-05
YGL02_GNYA1SO04JEO82	6.172767932	-2.21242045	-0.497493778	-0.922751906	0.544023845	1.207873949	0.99218164	1.13E-05	0.000469526
YGL02.1758.C2	5.988120509	-2.213235149	-1.04674113	-1.220681255	0.433664899	1.134978559	1.880333169	0.00022381	0.003716232
YGL02.6328.C1	5.167301018	-2.213671154	-1.063772146	-2.569115362	0.31865778	0.789932577	2.397867864	1.77E-06	0.000144501
YGL02.1964.C1	5.895010203	-2.214722978	-0.876801279	-2.334987333	-0.069486358	0.663289907	2.058342991	0.005773568	0.037631591
YGL02.4516.C1	5.716459376	-2.216304243	0.017152554	-1.141839425	0.801744026	1.048432734	0.380651047	1.21E-05	0.000487265
YGL02_GNYA1SO04JG40R	5.494686605	-2.218076669	-0.457047231	-0.436501903	0.579292702	0.654240469	0.310989567	3.56E-05	0.001038304
YGL02_GNYA1SO04JOZ0P	6.233165273	-2.219498021	-0.595275451	-1.113891487	0.716253444	0.245828647	0.119341677	1.47E-06	0.000128588
YGL02_GNYA1SO04IDQWO	5.563760694	-2.21959313	-0.919430112	-1.9564237	0.516868016	1.18084024	1.475633493	0.003646905	0.0269263
YGL02_GNYA1SO04I9K3J	11.33279755	-2.221877799	-1.089133091	-1.471854749	0.10873796	0.745790275	1.621645851	0.000856487	0.009609874
YGL02_GNYA1SO04IBQPC	11.42853531	-2.222932945	-0.211693189	-1.583123173	-0.201407502	0.349147728	1.590038868	3.76E-09	5.56E-06
YGL02_GNYA1SO04J0CV4	5.744841043	-2.223238459	-0.716362151	-2.27807158	-0.14278754	1.159262741	2.694603384	0.000265606	0.004194873
YGL02.12454.C1	5.989011419	-2.229543716	-0.111346636	-1.01568719	0.485497578	-0.151800798	0.304141433	1.84E-05	0.000652566
YGL02_GNYA1SO04JP8XC	7.010937815	-2.231246789	-0.233444709	-0.709416732	-0.509869893	0.779060569	0.520677669	0.001097347	0.011431429
YGL02.8377.C1	6.677243163	-2.234726982	-0.424737053	-0.995130017	-0.120187777	0.892307849	1.686408672	2.58E-08	1.29E-05
YGL02.16771.C1	5.237075868	-2.238319681	-1.662373301	-1.942164832	0.361173016	1.665083652	2.455645323	3.04E-05	0.00092905
YGL02_GNYA1SO04JJM57	10.51028969	-2.239077213	-1.351716728	-0.909770136	0.055803303	0.686738866	1.668256366	0.000100983	0.002139577
YGL02.3441.C3	5.304337966	-2.23953654	-0.709131381	-1.148629248	-0.012577551	1.011841881	1.170809289	3.38E-08	1.46E-05
YGL02.8388.C1	5.377996385	-2.24067426	0.866582889	0.149784042	0.22819901	0.89260969	1.744787162	5.22E-07	6.63E-05
YGL02_GNYA1SO04JOJWC	4.637542385	-2.240872388	0.318241506	-0.28675251	0.668998722	0.139756423	0.81101266	2.88E-05	0.000896151
YGL02.2758.C1	7.156850249	-2.243103478	-0.334882894	-1.157542114	0.267441262	1.015313473	1.860619784	0.002038005	0.017778668
YGL02.5938.C1	7.582716321	-2.244015123	0.07728946	-0.630656444	-0.299496711	0.291120272	1.302171982	5.30E-08	1.91E-05
YGL02_GNYA1SO04JVRR0	5.068803959	-2.249456051	-0.644933382	-1.677817562	1.155749088	1.261463778	2.305428993	0.000133734	0.002596043
YGL02.17022.C1	5.570021234	-2.25027398	0.083353235	-0.980088134	-0.155075973	0.401117867	1.317197391	8.62E-05	0.001910155
YGL02_GNYA1SO04JILJE	4.849257332	-2.25246414	-0.60977086	-1.209451559	0.50376304	0.578449915	1.776021135	0.008603277	0.049987641
YGL02.5467.C1	5.865142433	-2.254825489	1.460097552	-0.564381154	0.932019065	0.578280401	0.645145886	5.46E-05	0.001383433
YGL02_GNYA1SO04ICGKI	5.767175659	-2.256426301	0.616766363	-0.893101011	0.484314118	0.294736769	1.866911557	0.000548624	0.006980994
YGL02.16292.C1	5.038880367	-2.257162804	-0.623245497	-1.094688273	0.780802982	1.128317723	1.450937217	0.005632158	0.036959549
YGL02_GNYA1SO04IHN9K	5.09909778	-2.259265191	-2.216940647	-1.7601303	0.324658839	1.961132654	1.571595444	0.000384373	0.00543757
YGL02.10881.C1	4.978819345	-2.261904436	-1.30876277	-1.793008528	0.650197686	2.198921693	1.657467063	0.002511563	0.020652903
YGL02_GNYA1SO04JMBZK	6.299611291	-2.26322507	-0.838778445	-1.205591521	-0.326183957	0.412573242	1.531375324	0.001373008	0.013409871
YGL02_GNYA1SO04JDY9C	6.522911955	-2.264235842	-0.404823494	0.00482589	0.923110508	0.130214193	-0.13414475	0.000231356	0.00379915
YGL02.4066.C1	10.39845463	-2.265751885	-0.933065525	-1.112759596	0.46105723	0.946276465	1.756660479	0.000419365	0.005777069
YGL02_GNYA1SO04H17JT	5.140429603	-2.267247663	-0.544912223	-0.333189585	0.932761634	0.846041433	1.487872148	0.008479025	0.049489124
YGL02_GNYA1SO04IV99R	6.373780716	-2.271518171	-0.460918433	-0.979869029	-0.258535501	0.730723813	1.130331698	0.000239337	0.003894644
YGL02.4066.C2	10.56547974	-2.271640254	-0.793749584	-0.87012269	0.330524508	0.743478372	1.663063325	0.000423921	0.005819664
YGL02.4904.C1	5.094728124	-2.274272032	-0.333118527	-0.469533066	0.902453358	0.540507592	0.408418229	0.000161495	0.002951343
YGL02.19567.C1	5.512579407	-2.276993796	-0.297058609	-0.350051002	1.13641874	0.583853437	0.083075144	0.001429921	0.01381569
YGL02.4638.C2	8.91058486	-2.278364061	-1.599894396	-1.866431585	0.223458948	1.075427596	1.691486787	3.39E-05	0.001000853
YGL02.72.C1	4.567278478	-2.281102817	0.251708342	-0.92365188	1.504199485	0.658508814	1.030820602	0.000908086	0.010019179
YGL02.1085.C3	11.26599835	-2.282691967	-1.499156261	-0.528706983	0.615739763	0.810752228	1.700996504	0.000732877	0.008604195
YGL02_GNYA1SO04JBFTN	10.04187158	-2.285015127	-0.275688164	-0.341425877	-0.263748384	0.654824719	1.581949171	1.56E-08	1.01E-05
YGL02_GNYA1SO04IJFET	5.781114999	-2.285423975	-0.596279328	-1.946757565	-0.151171715	0.816084637	2.697701712	0.000168678	0.003043531
YGL02.16126.C1	11.24513232	-2.288914583	-1.25674624	-0.426570465	0.478831675	1.011170376	1.793121753	0.0005014	0.006532675
YGL02_GNYA1SO04I3KLO	6.578544952	-2.289765563	-0.790714991	-1.231426084	-0.475360379	1.339917212	3.180664018	0.000570349	0.007177037
YGL02_GNYA1SO04JQJ1U	13.21712789	-2.29422101	-0.186811992	-1.562361378	0.053924783	0.093407964	1.70338008	1.10E-09	3.26E-06
YGL02.2147.C1	12.90983427	-2.29436888	-0.200842562	-1.57106453	-0.090238939	0.25633809	1.750232809	5.76E-11	1.87E-06
YGL02_GNYA1SO04IWWU8	5.490897882	-2.29724343	0.499350222	-0.53977079	0.997937825	-0.193326944	0.908473158	2.28E-05	0.000760592
YGL02_GNYA1SO04JIOJ9	7.799239834	-2.298281136	-1.005641523	-0.978478213	0.012705191	1.035951463	1.520313711	7.60E-07	8.46E-05
YGL02_GNYA1SO04IHIM5	9.961490471	-2.300327753	-1.732224952	-1.000649973	1.530425958	0.996591917	1.814169361	0.000131102	0.002558386
YGL02_GNYA1SO04IVX1S	5.959798461	-2.302059299	0.526506984	0.299082758	-0.044508919	1.395302465	0.574758421	0.000430914	0.005879352
YGL02_GNYA1SO04JAE04	6.427371404	-2.307401267	-0.36215273	-0.823109677	-0.018922691	0.113421805	0.98061261	3.69E-06	0.00022878
YGL02_GNYA1SO04JBY85	6.837074839	-2.30829117	-0.229334283	-1.113397226	-0.104758212	0.697836858	2.281564801	0.001045795	0.011064397
YGL02_GNYA1SO04JMR73	6.361784362	-2.315049566	-0.430530662	-1.232767918	-0.423838705	0.811425484	1.530629239	0.000407767	0.005666987
YGL02_GNYA1SO04JX91K	5.700829797	-2.316407345	-0.367055947	-0.681074032	-0.11519427	0.657948509	1.397842538	9.54E-05	0.002056865
YGL02_GNYA1SO04JO365	6.781894724	-2.317395189	-1.373018155	-1.426681905	-0.246293139	0.337970523	1.007538982	0.000161272	0.002948529
YGL02_GNYA1SO04JC0HW	6.747867848	-2.318149558	-2.007828565	-1.827499782	0.360510337	2.005480669	1.466590332	2.16E-05	0.000732068
YGL02.1184.C12	7.997009677	-2.318979136	-0.768529949	-0.758085746	1.066188702	0.929004157	1.7034712	0.000337684	0.004970152
YGL02.4.C25	5.092145726	-2.319156738	-0.844628936	-0.107486605	0.925393632	0.697391453	1.081735714	3.40E-05	0.001003655
YGL02_GNYA1SO04JCIDH	13.2988044	-2.322500216	-0.125709428	-1.52914737	-0.014184661	0.112333007	1.639472439	1.45E-09	3.44E-06
YGL02_GNYA1SO04H2DBV	6.607809083	-2.323478882	0.074942374	-1.540707467	-0.306113111	-0.227082689	0.901212353	0.000204541	0.003479726
YGL02_GNYA1SO04JM63Q	5.510465631	-2.326303419	-0.896472696	-1.403053213	-0.354521983	1.214081463	1.436306056	0.004246287	0.030066254
YGL02_GNYA1SO04IEDOS	12.04237647	-2.335690493	-1.037518717	-1.823371321	0.237434522	0.883853309	1.828306013	6.36E-05	0.001536249
YGL02.11464.C1	5.468664762	-2.339778901	0.992223384	-0.086839108	0.056303092	2.285431791	2.092773599	9.66E-07	9.86E-05
YGL02.6174.C1	5.359711421	-2.340740291	-0.424457423	-0.647055391	0.111159899	0.536333399	0.960465915	3.76E-06	0.000231562
YGL02.12213.C2	8.694259064	-2.342975021	-0.59269203	-2.260426963	0.441786039	0.49191521	0.323446667	2.28E-08	1.21E-05

YGL02_GNYA1SO04H1J60	6.080935479	-2.343016423	-0.198761369	-0.723868636	0.995445351	0.296520796	0.687049096	5.13E-05	0.001324597
YGL02_GNYA1SO04JSYWB	4.962821675	-2.346209642	-1.204246312	-0.329487032	0.323638569	1.58422944	0.712240823	0.000173044	0.003101145
YGL02.10183.C1	7.941630221	-2.348083051	-0.993850645	-1.246393877	0.257617734	0.88531994	1.630095141	9.55E-05	0.002058012
YGL02_GNYA1SO04IYYXO	6.90220525	-2.349045127	-0.364257993	-0.350788519	0.558435994	0.239969734	1.376687587	0.0002648	0.00418519
YGL02_GNYA1SO04INR5J	5.674086214	-2.3523016	-2.271014346	-2.256696217	-0.695856963	2.249699184	2.28406861	0.003721104	0.027320268
YGL02_GNYA1SO04JSKSN	8.752221963	-2.353628093	-1.186704587	-1.775188568	-0.461579733	1.31853107	1.767143409	0.001980177	0.017437003
YGL02.15820.C1	5.474211747	-2.359956429	-1.063136589	-1.227349162	0.044474651	1.379922026	1.66343518	9.52E-06	0.00042046
YGL02_GNYA1SO04JG9MW	5.686487195	-2.360200961	-0.060499387	-0.213586039	1.424118321	-0.027939327	-0.146856859	7.33E-05	0.001702344
YGL02_GNYA1SO04IYT3T	11.34880473	-2.360222138	-0.128473036	-1.572724082	-0.237605726	0.257876245	1.752572871	1.65E-09	3.59E-06
YGL02_GNYA1SO04IPUZD	11.27301445	-2.361110096	-1.494662163	-1.60487127	0.635979812	0.727695347	1.896550628	0.000775307	0.008947556
YGL02_GNYA1SO04IGKW3	11.10862822	-2.36117252	-1.476765079	-1.637618908	0.613466099	0.701738479	1.891885726	0.00187403	0.016757548
YGL02.9504.C2	6.479000423	-2.362261364	-0.017482998	-1.095169894	-0.137152416	0.741258373	1.25760894	0.000764722	0.008871257
YGL02.1098.C1	7.941646563	-2.363335871	-1.183811731	-2.045920829	0.530926366	0.560120586	1.993427735	0.000144351	0.00273531
YGL02.855.C1	9.100733069	-2.370844345	-0.908367758	-0.743321225	0.411674474	0.997382751	1.654286016	3.71E-05	0.001067023
YGL02_GNYA1SO04IV7GA	5.599729231	-2.371487399	1.386290896	-0.772509792	-0.273257225	2.234083659	2.911029294	0.000147533	0.002777887
YGL02.13331.C1	6.439155728	-2.372739555	-0.690555614	-1.481539836	-0.192571345	-0.179755352	2.356798994	1.89E-06	0.000150888
YGL02_GNYA1SO04H3552	6.562051722	-2.375840663	-0.048539789	-0.525473878	-0.500931749	1.369923792	1.645553321	3.49E-05	0.001021941
YGL02.855.C4	8.091505483	-2.377994339	-1.063293795	-1.004051603	0.3723544	0.775404234	1.629420142	1.56E-05	0.000584828
YGL02.16551.C1	8.100902113	-2.37862506	-0.026191875	-0.32324318	0.250834065	0.220970925	0.581873507	8.21E-07	8.91E-05
YGL02.406.C3	5.570243258	-2.379494164	-1.366242722	-2.081756901	0.208400595	1.320984766	2.061300922	5.30E-06	0.000288293
YGL02_GNYA1SO04JZZMG	8.668246972	-2.380765583	-1.522631825	-1.10719905	-0.049049046	0.938583251	1.843180076	1.75E-06	0.000143782
YGL02.3211.C2	6.678418521	-2.381623237	-1.043037975	-1.522456011	0.693911021	0.651357955	1.991149522	4.31E-05	0.001178182
YGL02.12213.C3	9.233889897	-2.385496381	-0.413507894	-1.867565949	0.435719847	0.480472473	0.980602246	3.60E-07	5.26E-05
YGL02_GNYA1SO04IT3RE	9.705752739	-2.386813989	-0.829900369	-2.29229515	0.208140199	0.832766212	1.766947689	0.000522922	0.006734019
YGL02.5604.C1	6.950074922	-2.386896003	-1.525719218	-1.533181202	-0.021721805	1.04580772	1.970730002	0.000736342	0.008630942
YGL02.2798.C2	5.990552847	-2.393489631	-0.405012116	-0.853906015	0.587770239	0.46087514	0.681227473	1.00E-05	0.00043438
YGL02_GNYA1SO04I2QEQ	5.413341788	-2.396333663	-0.456868727	-0.953980345	0.743556883	1.343886053	1.063531811	0.000183137	0.003219714
YGL02_GNYA1SO04JOOG4	11.68337512	-2.396891262	-1.454270166	-1.51085406	0.424910585	0.830603525	1.819822732	0.000212713	0.003582034
YGL02.2496.C2	6.533245985	-2.398320399	-1.360669684	-1.124870835	0.37863666	1.068012652	1.397272746	0.000454523	0.006105777
YGL02.18161.C1	6.021348134	-2.400897187	-0.812537738	-1.096662074	-0.076569775	0.504815403	1.328852673	1.20E-06	0.000114101
YGL02_GNYA1SO04JLOID	11.69568613	-2.402187167	-1.450763585	-1.615392862	0.477302815	0.624539041	1.922108056	0.000200483	0.003438231
YGL02.8331.C1	5.587238287	-2.405915606	-1.314918549	-2.382135786	0.000886863	1.113747768	2.590355809	3.51E-05	0.001026471
YGL02.3048.C1	8.643800393	-2.40892903	-1.0411422	-1.925918195	-0.358438863	1.075664615	2.036586698	0.001761637	0.016049541
YGL02.16022.C1	5.856750494	-2.409536592	-0.207182217	-0.958033505	0.590513198	0.713161917	1.38076242	1.25E-06	0.00011643
YGL02_GNYA1SO04I8SOT	7.889763707	-2.410864461	-0.054922047	-1.210814459	0.01008609	0.355007148	1.422644345	2.46E-06	0.000176652
YGL02.7511.C1	5.382694678	-2.411596661	0.038883733	-2.058870383	0.159115451	0.391845724	1.991241407	0.000589746	0.007345464
YGL02_GNYA1SO04H0SL5	6.152475095	-2.412184815	-1.509228548	-1.434599036	-0.16524842	1.130277269	0.9014348	0.00108267	0.011324987
YGL02_GNYA1SO04H9YJX	5.222309863	-2.416008868	0.135738374	-1.399018523	1.290509913	0.810692236	1.44233946	0.004777015	0.032788096
YGL02_GNYA1SO04I673B	5.207703766	-2.418307142	-0.400152766	-1.751695568	0.173506476	0.873565449	1.886412259	0.000237199	0.003869253
YGL02.7345.C2	6.711653251	-2.418357426	-0.3029562	-0.85547287	-0.152545855	0.685938506	2.129303438	3.46E-05	0.001015161
YGL02.3366.C1	7.154641611	-2.420292497	-0.063888637	-0.512368887	0.525709193	-0.039945162	0.569944984	3.54E-08	1.49E-05
YGL02_GNYA1SO04JJO84	9.194408613	-2.422663408	-1.090812578	-1.004199503	0.00991473	0.943950287	1.753460152	5.89E-06	0.000308704
YGL02_GNYA1SO04IDT0R	7.7378201	-2.423715015	-0.586305127	-1.442920707	0.573273291	0.867866653	1.960651369	0.00011093	0.00228128
YGL02_GNYA1SO04IS6CU	5.928991687	-2.427321337	-0.195928667	-0.912218204	0.160149748	0.912639228	1.206827978	1.31E-06	0.000119762
YGL02_GNYA1SO04JQCZK	11.75997434	-2.427817545	-1.592583538	-1.657577105	0.394678548	0.737914054	1.89774312	0.000273705	0.004285965
YGL02.7720.C1	5.213728805	-2.435839356	0.225563115	-0.399340887	0.930768998	0.246611993	0.736391824	1.21E-05	0.000488195
YGL02_GNYA1SO04I7788	5.828325097	-2.437173242	-0.403790303	-1.300681122	-0.106705629	0.553940409	1.465438986	3.63E-05	0.00105227
YGL02.153.C2	11.44483483	-2.437885614	-1.311344119	-1.503272946	0.309971449	0.840170124	1.761497419	0.000217092	0.003636367
YGL02_GNYA1SO04JSB69	5.0895618	-2.43995394	-1.173185231	-2.223773089	0.550073297	1.12514669	2.491498459	0.000129946	0.002541954
YGL02_GNYA1SO04IJ4W7	8.584796489	-2.442690541	-1.361603461	-1.320867205	0.21237784	0.693442956	1.796270922	0.00028953	0.004463518
YGL02_GNYA1SO04IW9S3	6.673709726	-2.448440732	-1.325922017	-1.891223528	0.764057801	0.956827676	1.458890165	0.003099428	0.023999589
YGL02_GNYA1SO04JWALH	6.802638333	-2.458163712	-1.527531672	-1.263961154	0.04593228	0.814078703	2.089691763	4.71E-05	0.001252618
YGL02.2237.C1	8.718057125	-2.458876425	-1.144506561	-3.079783515	0.441107725	0.989025092	1.690758443	0.000152683	0.002839191
YGL02.248.C1	6.193471653	-2.460773995	-1.094186514	-0.870557505	0.269100611	2.12530982	2.536252408	1.41E-05	0.000543891
YGL02_GNYA1SO04H8ZWX	6.396744395	-2.460878234	-0.212542795	-0.138693927	-0.448217778	0.96534025	1.195758054	0.000127733	0.002509373
YGL02.7178.C1	7.003289037	-2.461899265	-1.464561313	-1.284108259	-0.604694172	1.226273781	2.173181328	7.37E-05	0.001708545
YGL02_GNYA1SO04JB3T9	7.879010856	-2.463142339	0.047651256	-0.456105335	-0.187798105	0.238735307	1.335050302	1.24E-06	0.000115925
YGL02.202.C1	5.549755581	-2.468073887	-1.282781434	-2.182190883	-0.205478766	1.388075141	2.337529796	3.37E-07	5.06E-05
YGL02.12515.C1	5.859397738	-2.472049705	-1.506716911	-1.357277117	0.588382888	0.70821965	0.805813506	2.70E-05	0.00085296
YGL02_GNYA1SO04INV2M	7.602867294	-2.47704483	-0.451194052	-1.769725135	-0.019105623	0.453657219	1.148571832	4.21E-05	0.001159971
YGL02.18833.C1	5.93186527	-2.478092316	-0.632483285	-0.86605373	0.20962938	0.765349194	1.596284247	1.61E-06	0.000135761
YGL02_GNYA1SO04IR7JE	7.59683616	-2.47815731	-0.079565421	-1.436124217	-0.033422866	-0.050103535	1.040104608	9.77E-05	0.002087111
YGL02.3513.C3	5.628312196	-2.47831866	-0.381289462	-1.354037058	0.018404703	0.502739488	1.771770421	3.58E-07	5.26E-05
YGL02.8886.C1	4.91223154	-2.48012561	-0.380682497	-1.014608196	0.812371569	1.005226748	1.360007916	1.13E-05	0.000469526
YGL02_GNYA1SO04IBJUA	11.13447949	-2.482482167	-1.558124183	-1.643466513	0.552907141	0.765702078	1.935029794	0.000423712	0.005818377
YGL02.1168.C1	6.473486626	-2.483444182	-0.888029343	-1.639124122	-0.146680905	2.419739628	2.431440826	0.000493427	0.006462796
YGL02.1076.C1	7.415651245	-2.485486787	-4.230968978	-4.267172951	-0.475435943	3.731872653	2.566505951	0.00020135	0.003448078
YGL02.838.C1	6.958665698	-2.48875853	-0.997360792	-0.950330354	0.302409285	1.205811539	1.787154912	0.000191771	0.003328495
YGL02.10839.C1	6.23754652	-2.489339759	-1.070134588	-1.428136843	0.529886366	0.893495109	2.129131396	0.000723112	0.0085175
YGL02_GNYA1SO04ISBW6	6.752621855	-2.491180762	-0.858893895	0.158763372	-0.279673824	1.554476925	0.727986428	0.005447931	0.036064572
YGL02.15544.C1	6.747777115	-2.494715822	-1.167866509	-1.449502813	0.257993055	1.376328885	1.835288489	1.69E-05	0.000615427
YGL02.6855.C1	8.705937427	-2.497532779	-1.178435437	-1.558537911	0.418591442	0.823021891	2.039837577	0.00045886	0.006148736
YGL02.10289.C1	6.126179802	-2.499884492	-1.080034713	-2.079442322	-0.213678534	0.753971446	1.787312029	5.21E-06	0.000285114
YGL02_GNYA1SO04JDOOU	5.611247302	-2.500933923	-1.124089657	-1.60551908	0.396614003	1.544397353	2.126047113	0.000325695	0.004845233
YGL02.125.C2	9.459884393	-2.501085077	-1.35355772	-1.031173149	-0.051538393	0.940742957	2.111058128	0.000120542	0.002414893
YGL02.2852.C1	5.060508784	-2.5024939	-0.813072864	-0.900129347	0.553223714	1.539730189	1.106279152	0.000131887	0.002569896
YGL02.16850.C1	5.769856282	-2.503858371	-0.878502866	-2.27741592	0.176519092	0.854396508	2.098947909	0.000299068	0.00456706
YGL02_GNYA1SO04JCB1D	6.446619787	-2.505973165	-1.404097497	-2.323424698	0.392791457	1.318158554	2.006760767	0.002579199	0.021033
YGL02.855.C3	9.019078174	-2.507983033	-0.994552616	-0.794478013	0.337843528	1.115289903	1.786829558	4.78E-05	0.001264214
YGL02_GNYA1SO04H1H1M	9.122160079	-2.522256533	-0.84109962	-1.150489953	0.082696955	0.933977779	2.039571365	5.15E-05	0.001326683
YGL02_GNYA1SO04IHB4T	6.577194934	-2.522655245	-1.230571931	-1.650450359	0.194312288	1.14634655	1.648332248	0.001182774	0.012069971
YGL02.6742.C1	7.782466595	-2.527574049	-0.462757295	-2.044273566	1.014096677	-0.190953929	0.281972558	1.12E-05	0.00046827
YGL02.14683.C1	6.086436841	-2.528986776	-0.955199406	-2.352627739	0.015089428	0.609654774	2.171440369	0.000119776	0.002402898
YGL02_GNYA1SO04I67IS	5.970406437	-2.530028361	0.156757359	-1.203371747	-0.138611675	-0.270154568	1.334403721	2.93E-06	0.000197175
YGL02.4663.C2	5.617726493	-2.538167824	0.147315814	-0.888401409	0.069462623	1.293343776	1.6378623	4.95E-07	6.45E-05
YGL02_GNYA1SO04IR2O9	5.663193506	-2.538619673	-2.924028492	-2.872704341	0.041289101	2.594701865	2.589003658	1.68E-06	0.000140348
YGL02.1098.C2	6.575198997	-2.538720121	-1.432436033	-1.97053406	0.85502743	0.877696403	1.67975843	0.000101386	0.002145314
YGL02.3513.C2	5.42520873	-2.541154536	-0.583707555	-1.311700892	0.411982032	0.601385047	1.653166769	2.08E-05	0.000712773
YGL02.6452.C1	10.82511247	-2.548720403	-1.426384892	-1.541651018	0.638997912	0.786668196	1.903159911	0.000360406	0.005196724
YGL02_GNYA1SO04JW7J7	6.997245527	-2.551454986	-0.585946294	-0.337280499	0.622554455	0.522658632	-0.095073217	0.000206586	0.003504821

YGL02_GNYA1SO04JPPNE	8.651357534	-2.552363347	-1.299006004	-2.061316982	-0.056622477	0.254119337	1.940008091	0.000163001	0.002970075
YGL02_GNYA1SO04JD46L	5.458506858	-2.55427104	-0.878463977	-0.689850736	0.565928839	1.119887276	1.27175169	0.000125881	0.00248452
YGL02_GNYA1SO04JCFOH	7.349048695	-2.558926672	-1.042686471	-1.401782424	0.18729465	0.585930418	2.095220232	0.001104919	0.011491634
YGL02_GNYA1SO04JU25P	8.452965292	-2.560493157	-2.08427838	-1.07192218	0.931802535	2.06397738	1.788887979	2.68E-05	0.000847544
YGL02_GNYA1SO04IQH0X	6.048682932	-2.564257555	-1.055586687	-0.804379453	-0.409620084	1.203699888	0.895775281	9.31E-05	0.002023743
YGL02_GNYA1SO04IDW8U	6.90631552	-2.564619354	-1.16213628	-1.247869931	0.629312268	0.952826424	2.089390485	0.000173802	0.003109566
YGL02_GNYA1SO04JZV67	5.494374031	-2.564931928	-1.883420213	-2.548198426	0.106118539	1.786890029	2.591823378	1.65E-05	0.000607161
YGL02_GNYA1SO04IYBRA	7.856527813	-2.56840808	-0.545134695	-0.36589348	0.907489869	0.698527205	0.858904156	1.44E-07	3.03E-05
YGL02_GNYA1SO04IBN01	9.781463512	-2.574470313	-1.456364087	-1.45451677	0.539018322	0.846682772	1.890576624	0.000349577	0.005094446
YGL02_GNYA1SO04I9QAX	5.870652832	-2.579114748	-1.240486118	-1.692842025	0.038730846	1.211716219	2.330432485	4.66E-05	0.001242526
YGL02_GNYA1SO04JU0OQ	8.616113366	-2.581336876	0.297161775	-1.274452359	0.044726135	0.38409265	2.130175044	3.93E-09	5.56E-06
YGL02_GNYA1SO04I2F5P	6.077294716	-2.585324586	-2.404927231	-2.590182669	-1.008910894	3.206676289	3.112234039	0.001651182	0.01530926
YGL02_GNYA1SO04IVZF9	10.4905164	-2.589745293	-1.494332957	-1.5729006	0.526857457	0.755194683	2.025236047	0.000324012	0.004832849
YGL02.19225.C1	6.216180072	-2.591521394	-0.241880921	-0.735860788	0.42517513	0.359861595	0.789770308	0.000100593	0.002133473
YGL02_GNYA1SO04I9OB2	9.769299255	-2.59311482	-1.657741705	-1.990739296	0.37181658	0.841375266	2.079024364	9.37E-05	0.002031194
YGL02.98.C2	6.611243395	-2.597353648	-0.517065602	-0.200803315	0.2768051	0.895562551	1.290598094	1.62E-06	0.000136082
YGL02.7479.C1	5.219958266	-2.598161671	-0.529941895	-1.066595777	0.418514546	0.865268139	1.373802827	3.29E-09	5.39E-06
YGL02.17159.C1	5.552549474	-2.598935337	-0.306502777	-1.087565948	0.699729036	1.007972904	0.846204454	1.74E-05	0.000627822
YGL02.2882.C1	5.431556363	-2.599284602	-2.15977357	-2.734442476	0.185643691	2.134082154	2.689738026	1.82E-05	0.000649593
YGL02_GNYA1SO04H9NW2	7.771341687	-2.604112035	-1.546287038	-2.351536773	0.312501127	1.321101316	1.801919202	0.001012887	0.010803615
YGL02_GNYA1SO04JKUQ2	9.04662846	-2.606791866	-1.433903639	-2.030477171	0.65046573	0.573428527	1.813568673	0.000120169	0.002410045
YGL02.11463.C1	7.429403104	-2.6168904	-0.207551806	-0.481896239	0.147381217	0.412426531	0.224890766	5.06E-06	0.000279714
YGL02.2940.C2	9.879176767	-2.619144445	-1.13377639	-1.304372832	0.454740973	0.888297036	1.883376109	0.000316591	0.00475499
YGL02.6924.C2	8.983576376	-2.621968576	-1.552620199	-1.910747143	0.163234338	1.355104758	1.984950252	0.000115245	0.002337353
YGL02.21797.C1	6.108539685	-2.62515072	-0.042209747	-0.241778873	-0.274397443	-0.315627452	0.737789369	1.03E-07	2.58E-05
YGL02_GNYA1SO04JLBWR	7.526786773	-2.627920091	-1.088871236	-1.194387758	-0.286754821	0.815754078	1.923934708	0.000519542	0.006705152
YGL02_GNYA1SO04JW20M	5.905955233	-2.630830384	-0.641699255	-1.259250417	0.923537626	0.863855406	1.178846736	0.004247575	0.030067842
YGL02.1913.C2	10.17927189	-2.635349261	-1.735777961	-2.095677614	0.024724859	1.124502653	2.016872652	5.81E-05	0.00144648
YGL02.5493.C1	5.595144542	-2.637946814	-0.240038521	-0.999876294	0.513002432	0.478777824	1.533827207	2.41E-07	4.10E-05
YGL02_GNYA1SO04JAIAE	9.002143567	-2.643209502	-0.102420888	-1.607416713	-0.068289706	0.349162908	1.976404666	1.94E-07	3.61E-05
YGL02_GNYA1SO04JEXN7	5.275775563	-2.64339504	-1.150253986	-1.630257009	0.285298745	1.157316343	1.784630221	2.34E-07	4.04E-05
YGL02_GNYA1SO04JS2B6	7.577450529	-2.647558156	-1.549759739	-0.581227091	1.570061254	1.202901716	2.018919841	0.000110834	0.002280025
YGL02.10486.C1	7.173002902	-2.648199047	-2.373433702	0.454822276	0.095259714	1.200367246	1.927453498	0.000807554	0.009223164
YGL02.16302.C1	7.783171163	-2.649632088	-0.1751807	-0.524392476	0.52305881	0.501352805	0.930284978	1.23E-09	3.39E-06
YGL02_GNYA1SO04JLCP8	5.723947644	-2.654041672	-0.041115495	-1.712828128	0.669532376	0.20393162	1.24147511	1.65E-06	0.000138533
YGL02_GNYA1SO04I1TBZ	6.473662385	-2.656605734	-0.521142141	-0.638821385	0.32548389	0.893035722	1.029424076	8.57E-07	9.21E-05
YGL02_GNYA1SO04JPBG6	8.181548914	-2.659462052	-1.311839209	-1.445944981	0.223865419	1.298617236	1.999568307	6.51E-05	0.001560453
YGL02.10297.C1	7.663649583	-2.664531965	0.227229055	-0.586461768	0.429401408	-0.091816353	1.35405965	4.50E-08	1.71E-05
YGL02_GNYA1SO04JEYSY	5.212904551	-2.666544574	-0.070796179	-1.035905992	0.502091252	0.452786559	1.500029872	4.28E-05	0.001173784
YGL02_GNYA1SO04I7V0U	6.838448878	-2.676123299	-1.283087314	-1.609338517	0.861523344	0.902033048	2.12447672	0.00019535	0.003375244
YGL02.958.C1	7.260000131	-2.676215109	-0.636874374	-0.041517673	0.500833265	0.976397381	0.898158174	2.21E-07	3.88E-05
YGL02_GNYA1SO04IE1M7	5.536953037	-2.683574941	-0.127203397	-0.594466994	0.046038141	0.230429508	0.569774499	1.35E-06	0.000121455
YGL02_GNYA1SO04IDLTK	6.003591428	-2.683707904	-0.201526786	-0.452943377	0.14347279	0.293032871	0.337717173	1.60E-06	0.000135643
YGL02_GNYA1SO04H8TNU	8.081652237	-2.695160134	-0.16128258	-0.944839355	0.006875738	0.778354697	1.304160892	4.18E-10	3.18E-06
YGL02_GNYA1SO04JDLDM	8.611711963	-2.697498585	-1.340504287	-1.072849216	0.406620425	0.994452083	1.926829575	2.34E-05	0.000773857
YGL02.16685.C1	6.543096657	-2.698564179	-1.397775209	-1.651503337	-0.26424362	0.932960103	2.091231975	1.79E-07	3.44E-05
YGL02.9061.C1	5.438957523	-2.700179921	-0.490229419	-1.346124692	0.622825217	1.435845731	2.588614367	0.001577157	0.014834299
YGL02.2940.C1	8.120930465	-2.70207952	-1.058146547	-1.399884283	-0.14876206	0.704074573	2.116371946	0.005046477	0.034121333
YGL02.855.C2	6.348779482	-2.708044406	-0.289596804	-0.223300281	0.39723956	1.130563591	2.184898602	0.00013303	0.002586649
YGL02_GNYA1SO04I78FI	6.662112937	-2.711786046	-0.293759	-0.742674134	0.100290001	0.470550873	0.551461419	5.87E-07	7.14E-05
YGL02_GNYA1SO04JB93V	7.341002558	-2.712644007	-0.480762936	-1.194285122	0.15208676	1.314766833	1.849671525	0.000224498	0.003724794
YGL02_GNYA1SO04JRRN7	8.141953105	-2.71623025	-1.190312576	-1.423015289	-0.194629796	1.720906339	2.116706409	0.000144427	0.002736095
YGL02_GNYA1SO04JVDX5	6.00637536	-2.720873776	-1.684889094	-1.401608281	0.251537589	2.048310899	1.826397093	0.000195171	0.003373493
YGL02_GNYA1SO04IYOXF	8.527948363	-2.721561696	-1.440206029	-1.241656928	0.396719075	1.012250647	2.032488248	5.06E-05	0.001313788
YGL02_GNYA1SO04H6AR2	8.728095242	-2.738315117	-1.308964772	-1.626035511	-0.179391126	0.987640977	2.353332712	9.26E-06	0.000413004
YGL02_GNYA1SO04IAHPM	6.047173802	-2.745492126	-0.069046494	-1.13984566	0.142024726	0.449589492	1.080311411	8.55E-06	0.000392866
YGL02.4575.C1	5.424145877	-2.74796313	-2.070482237	-2.638819279	0.247756882	2.062225743	2.918121641	8.34E-08	2.33E-05
YGL02_GNYA1SO04I5OV7	8.155070878	-2.749551549	-0.251561699	-1.487947176	-0.14759036	-0.305302369	1.609650425	3.20E-07	4.93E-05
YGL02.22573.C1	8.150677265	-2.756179923	-0.832046324	-1.039856825	-0.03239654	0.558965679	1.266378217	6.96E-09	7.03E-06
YGL02_GNYA1SO04JPUV4	8.76120529	-2.759444857	-1.764441679	-2.009831283	0.513791609	1.045238008	1.877180707	0.000111362	0.002287609
YGL02_GNYA1SO04I35DK	6.631948771	-2.764087221	-0.337506453	-0.954789077	-0.016704629	0.692821867	0.966652961	1.76E-06	0.000144342
YGL02_GNYA1SO04IB5CZ	7.981698273	-2.769529022	-1.804025919	-1.329100648	0.496794611	1.115424227	2.065332031	3.19E-06	0.000207864
YGL02.6675.C1	5.56317855	-2.77582414	-2.095412316	-1.313401698	0.706057303	1.922729646	1.509580363	1.41E-05	0.0005456
YGL02_GNYA1SO04IAUDR	5.598782171	-2.778933915	-0.585759849	-1.264023187	0.334228202	1.361366917	1.207222718	2.24E-06	0.000166427
YGL02.9148.C1	6.599224771	-2.781257659	0.662828572	-0.900865469	0.436033893	-0.84268409	1.2138813	4.77E-05	0.001262875
YGL02_GNYA1SO04JB7AX	9.524038512	-2.785347467	-0.047549623	-1.760155672	-0.098535179	0.343107409	2.161368157	5.55E-08	1.95E-05
YGL02_GNYA1SO04J0E6M	6.867196148	-2.787726859	-0.508688649	-1.24917498	-0.213184358	1.804860283	1.814838404	0.000235826	0.003852863
YGL02.11244.C1	7.465383441	-2.791119659	-1.663690696	-3.876425005	0.881809707	0.459833867	2.559410517	0.000143938	0.002730281
YGL02_GNYA1SO04I3HIE	7.857117752	-2.793438975	-0.607079451	-0.217307719	0.591432153	0.771099515	1.301656118	6.99E-08	2.12E-05
YGL02.182.C4	9.933132485	-2.79702072	-0.201340892	-1.493366707	-0.240440861	-0.387208162	0.861787984	4.82E-10	3.18E-06
YGL02.8583.C1	5.135073666	-2.800754268	-2.467853592	-2.34109794	0.981169584	2.550758206	2.572598264	0.002263597	0.019167649
YGL02_GNYA1SO04INFG8	7.320620602	-2.80238379	0.033124955	-0.031065664	0.151658829	1.214472281	2.171595921	0.000193342	0.003348583
YGL02.14046.C1	7.145331202	-2.807028875	-3.486179956	-2.840971271	-0.424989634	2.435347245	2.24848619	3.35E-08	1.46E-05
YGL02_GNYA1SO04JFKFI	7.613059845	-2.807379914	-0.681772939	-0.211156129	0.616800299	0.921502606	1.107945754	6.98E-08	2.12E-05
YGL02.6674.C1	6.467397386	-2.81062185	-1.237122347	-2.044210722	0.102571594	1.026547328	1.425595035	5.65E-07	6.98E-05
YGL02_GNYA1SO04JJDNK	5.699297567	-2.812416701	-2.473677103	-2.585996491	0.22291686	2.462040088	2.490558005	1.85E-06	0.000148877
YGL02.1924.C4	6.303797293	-2.813045129	-0.509419342	-1.829995282	0.065086405	0.369651828	1.857909323	1.84E-05	0.000652566
YGL02.14247.C1	6.548042259	-2.821303409	-1.065750637	-2.120235944	-0.205166158	0.933370758	1.684221323	5.36E-05	0.001364517
YGL02.98.C1	7.094017745	-2.832311809	-0.563264182	-0.202915894	0.702732672	0.903618618	1.281388355	1.20E-09	3.39E-06
YGL02_GNYA1SO04JH1A8	5.862502924	-2.847255633	-0.953531042	-1.315412346	0.33556531	0.866357141	2.373457777	2.52E-06	0.000179523
YGL02_GNYA1SO04IJY1W	8.625343404	-2.857476032	-1.676413984	-2.062125887	-0.229664847	0.978995257	2.283667341	3.08E-06	0.000203334
YGL02.16343.C1	8.406936492	-2.862208784	-0.128689039	-0.450964949	0.290149844	0.519102831	0.749149474	7.87E-08	2.25E-05
YGL02.16338.C1	8.148590338	-2.877786292	-0.2121752	-2.023303602	0.49561281	0.338203086	0.445354016	8.84E-08	2.40E-05
YGL02.3369.C1	10.51160303	-2.888120479	-0.211341102	-1.62199275	0.186388665	-0.184504377	1.154359647	1.01E-09	3.26E-06
YGL02_GNYA1SO04JRGST	6.068953258	-2.890326852	-0.220330299	-1.236699302	0.521929094	0.82893959	2.178735413	9.93E-08	2.56E-05
YGL02_GNYA1SO04H5CIO	6.191048363	-2.901929043	-1.758805087	-3.118057843	0.353546447	1.820021618	2.724421651	0.001501302	0.014313137
YGL02_GNYA1SO04IZDA9	8.006186166	-2.903705018	-1.238785121	-1.60667886	0.403347868	0.752022642	2.361537337	0.000521173	0.006718483
YGL02_GNYA1SO04H82FQ	7.129968344	-2.907875963	0.51688051	-0.337133005	-0.164184037	0.791541982	1.884298052	5.54E-08	1.95E-05
YGL02_GNYA1SO04IKETI	6.547289677	-2.908599	0.172480065	-1.552535253	-0.077644332	0.043682276	1.63212017	8.33E-05	0.001868257
YGL02_GNYA1SO04JJ3L8	8.1325648	-2.918754462	-1.5789432	-1.837394191	0.560293804	1.031643089	2.400662361	0.000172318	0.003092412

YGL02.845.C1	6.748893076	-2.935574641	-0.209871071	-0.773468903	0.959668812	0.394240968	0.937369506	1.62E-08	1.02E-05
YGL02_GNYA1SO04I0D64	7.629185825	-2.942775513	-1.195590622	-3.410002067	-0.043551162	0.742151735	1.955228304	0.000392004	0.005515054
YGL02.855.C5	5.332164897	-2.942998391	-0.774492816	-0.621894044	0.907540517	1.416311796	1.658495424	4.49E-05	0.001215004
YGL02.3918.C1	7.701618791	-2.949462029	-0.847323938	-1.051277007	-0.015131513	1.051184003	2.188669102	0.000310471	0.004693389
YGL02_GNYA1SO04IVEL1	9.588673397	-2.966998923	-1.718831275	-2.069234871	-0.01897129	1.300073749	2.290076331	1.48E-05	0.000561883
YGL02_GNYA1SO04IHLJ1	7.146727718	-2.968116477	-2.048369768	-2.552665279	0.730887777	0.62922192	2.521490649	4.08E-05	0.00113786
YGL02.5237.C1	6.227084831	-2.970987484	-0.160529555	-0.776957583	0.079382287	0.571649157	0.386396403	6.83E-07	7.91E-05
YGL02.11170.C1	7.315822673	-2.972370162	-0.123729304	-0.548660487	-0.158404207	0.774412204	1.638348361	6.18E-06	0.000317642
YGL02.1913.C1	6.609493023	-2.984690683	-1.891259713	-2.424277077	0.019373297	1.087843911	2.848635503	2.69E-05	0.000851493
YGL02_GNYA1SO04H4DXN	5.92766216	-3.005582522	0.249682267	-0.522772998	1.679365922	-0.116406413	0.678124708	1.40E-08	9.43E-06
YGL02.153.C1	9.729904361	-3.012362283	-1.715062921	-1.922926991	0.267767186	0.999526169	1.993735643	3.82E-07	5.45E-05
YGL02_GNYA1SO04JFZSO	5.901477136	-3.025839582	-3.034867116	-2.960634359	-0.066363104	2.995204432	3.474431696	1.13E-06	0.000109666
YGL02.15593.C1	6.225976196	-3.038898687	0.207496339	-2.172240079	-0.014743823	0.196945285	2.325504188	4.72E-09	6.11E-06
YGL02_GNYA1SO04H7MFD	6.812828103	-3.054698911	-0.234488864	-0.658381612	0.48215985	0.047246112	0.634214078	6.24E-08	2.06E-05
YGL02_GNYA1SO04H99GK	5.913709519	-3.060849771	-0.533538649	-2.730324211	0.356698266	0.964475463	2.540005052	1.13E-05	0.000469526
YGL02_GNYA1SO04I3VPD	5.913549155	-3.06343232	-1.558130569	-1.64419802	0.648072571	1.644434835	2.079571717	0.000163118	0.002971065
YGL02.15481.C1	7.719418297	-3.090810072	0.00945855	-1.473687883	-0.071320312	0.513834525	0.906142882	4.67E-05	0.001243801
YGL02_GNYA1SO04JSEXY	8.050829934	-3.092789057	-0.399841184	-1.652947501	0.230761825	-0.534523393	0.85170201	8.48E-10	3.26E-06
YGL02_GNYA1SO04HZ4CI	5.886454569	-3.093641806	-1.665452022	-2.982275773	0.041117122	1.694454998	3.419410528	4.67E-07	6.17E-05
YGL02_GNYA1SO04I156F	7.110049119	-3.098397708	-2.998201035	-2.706143249	-0.682499779	2.303490968	2.291123618	3.31E-07	4.98E-05
YGL02_GNYA1SO04I5G4D	7.576377802	-3.146231033	-1.279796593	-3.586757565	-0.305626211	1.396211992	3.135715352	5.19E-05	0.001333572
YGL02.3369.C2	9.085641076	-3.157926386	-0.509094869	-1.871777327	0.017538353	-0.276734309	1.225459473	5.15E-10	3.18E-06
YGL02_GNYA1SO04I2W3F	7.072048599	-3.164656674	-1.561859547	-2.263680059	0.323796945	1.320784098	2.953340183	4.86E-05	0.001280204
YGL02.843.C1	7.656265955	-3.168894847	-1.736532359	-1.404710684	-0.179312223	0.672352012	2.332367981	3.22E-05	0.000967639
YGL02_GNYA1SO04JQVZE	6.609045786	-3.174201166	-2.716723953	-2.940826419	-0.390777156	2.296939159	2.549137568	1.42E-05	0.000548151
YGL02_GNYA1SO04IJ3U8	6.273474088	-3.18236511	-0.382722431	-1.472717932	0.137807484	0.032510582	3.583188044	0.006261362	0.039826743
YGL02_GNYA1SO04H1GDI	7.89560547	-3.191202812	-1.37160382	-1.106707466	-0.046249244	1.376302078	2.600964475	0.000107792	0.0022352
YGL02.6796.C1	7.799458832	-3.220298461	-1.67597416	-1.601754675	0.969776378	0.948046297	2.622470633	3.17E-05	0.000957602
YGL02.4231.C1	9.612062393	-3.228193571	-0.34281799	-1.758553609	-0.088252431	-0.194553847	1.211753616	4.38E-12	2.84E-07
YGL02_GNYA1SO04H5XKH	6.346370412	-3.261960552	-0.375749448	-0.710519755	-0.076236761	0.802147525	1.857128077	6.45E-09	7.01E-06
YGL02_GNYA1SO04IM0G0	6.639477318	-3.290940176	-2.885870618	-2.686205215	-0.35102589	2.598548558	2.476707208	3.81E-06	0.000233174
YGL02_GNYA1SO04I878E	7.218904899	-3.32025439	-4.287912436	-2.870879223	-0.133242774	3.254446551	2.14615459	1.88E-07	3.54E-05
YGL02_GNYA1SO04JJ1TP	6.123794469	-3.349666625	-2.535180703	-2.993820419	0.275287336	2.590550416	3.741862487	1.04E-07	2.59E-05
YGL02_GNYA1SO04H7LFM	7.597025225	-3.376457724	-0.43839907	-2.276853403	-0.201711921	0.248041407	2.834131561	3.07E-08	1.43E-05
YGL02_GNYA1SO04IVW5H	6.057462667	-3.377144351	-1.518745284	-1.104840767	0.497583289	1.388881894	0.974488427	6.60E-08	2.08E-05
YGL02.2667.C2	7.354146414	-3.433108425	-1.890027197	-2.339241707	-0.613438118	1.597216904	2.099825081	3.89E-05	0.001101353
YGL02_GNYA1SO04JL6ZQ	6.242611187	-3.467671145	-1.344079503	-0.563185861	0.666104508	1.697434724	2.002934551	3.82E-06	0.00023354
YGL02_GNYA1SO04IWYNW	7.762073201	-3.614752392	-0.221880619	-1.784065006	0.117362304	2.329132755	2.263308565	2.85E-06	0.000193871
YGL02_GNYA1SO04I4F7N	6.554329213	-3.685705472	-2.296447027	-2.631041517	0.199324837	2.217902155	3.036944162	1.01E-07	2.57E-05
YGL02_GNYA1SO04H09TG	7.517918966	-3.769813455	-2.974312162	-3.135824335	-0.063244148	2.250918171	3.481608538	5.63E-09	6.70E-06
YGL02.7597.C1	7.259150508	-3.813893642	-2.059647094	-2.767169677	-0.312615032	2.210779376	3.012027647	4.57E-08	1.73E-05
YGL02_GNYA1SO04I72JM	6.961733969	-3.902928953	-1.966544987	-3.019447408	0.226444437	2.180658328	3.231003707	3.24E-05	0.000971553
YGL02_GNYA1SO04JEWE4	7.002914904	-4.065247896	-2.279227213	-3.071944479	-0.038934217	2.598285448	2.937362375	1.08E-08	8.24E-06
YGL02.5735.C1	9.182839691	-4.796705864	-2.109084645	-2.423495689	-0.111780426	1.527568254	2.844474537	2.39E-11	1.03E-06
YGL02_GNYA1SO04IQCIR	8.067547395	-5.089536185	-2.39398774	-2.11863498	-0.007304989	2.227605884	2.082697291	2.36E-14	3.05E-09
YGL02_GNYA1SO04H747S	11.06278543	-5.413248982	-2.352748899	-2.666301106	-0.29704552	2.126954413	3.450386423	5.32E-09	6.48E-06
YGL02_GNYA1SO04JFK2N	8.320927868	-5.66116341	-2.075258176	-2.078117865	0.266765743	3.141209405	3.434981737	5.96E-07	7.22E-05