

PROTEOMIC ANALYSIS OF AGE-RELATED CHANGES IN OVINE CEREBROSPINAL FLUID

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ABSTRACT

Cerebrospinal fluid (CSF) circulates through the brain and has a unique composition reflecting the biological processes of the brain. Identifying ageing CSF biomarkers can aid in understanding the ageing process and interpreting CSF protein changes in neurodegenerative diseases. In this study, ovine CSF proteins from young (1-2 year old), middle aged (3-6 year old) and old (7-10 year old) sheep were systemically studied. CSF proteins were labelled with iTRAQ tagging reagents and fractionated by 2-dimensional high performance, liquid chromatography. Tryptic peptides were identified using MS/MS fragmentation ions for sequencing and quantified from iTRAQ reporter ion intensities at m/z 114, 115, 116 and 117. Two hundred thirty one peptides were detected, from which 143 proteins were identified. There were 52 proteins with >25% increase in concentrations in the old sheep compared to the young. 33 of them increased >25% but <50%, 13 increased >50% but <1 fold, 6 increased >1 fold [i.e. haptoglobin (Hp), haemoglobin, neuroendocrine protein 7B2, IgM, fibrous sheath interacting protein 1, vimentin]. There were 18 proteins with >25% decrease in concentrations in the old sheep compared to the young. 17 of them decreased >25% but <50%, and histone deacetylase 7 (HDAC7) was gradually decreased for over 80%. Glutathione S-transferase was decreased in middle aged CSF compared to both young and old CSF. The differential expressions of 3 proteins (Hp, neuroendocrine protein 7B2, IgM) were confirmed by immunoassays. These data expand our current knowledge regarding ovine CSF proteins, supply the necessary information to understand the ageing process in the brain and provide a basis for diagnosis of neurodegenerative diseases.

Highlights

- CSF protein changes during normal ageing process
- Seventy proteins were changed in concentration among different aged sheep CSF
- A common ageing CSF biomarker identified to date is immunoproteins
- Identifying ageing CSF biomarker help understand the ageing process in the brain

Key words: ageing, CSF, biomarkers, proteomics, choroid plexus, neurodegenerative disease

1. INTRODUCTION

Cerebrospinal fluid (CSF) is a clear, colourless bodily fluid that circulates through the brain and communicates freely with the brain extracellular fluid. In adult humans, about two-thirds of CSF is secreted by the choroid plexus (CP) at the rate of about 0.35-0.4 ml / min or 500-600 ml / day, while the remainder is from the extrachoroidal sources [1]. CSF has a unique composition that is different from the plasma, due to the presence of blood-brain barrier (BBB) and blood-CSF barrier (BCSFB), the active secretion at the CP and specific transport systems for moving substances between blood and CSF. In comparison to plasma ultrafiltrate, CSF contains higher concentrations of sodium, chloride, and magnesium and lower concentrations of glucose, proteins, amino acids, uric acid, potassium, bicarbonate, calcium and phosphate [2]. The CSF is in direct contact with the brain interstitial fluid, and the composition of the CSF therefore reflects biological processes occurring in the brain [3]. This understanding has led to an interest in the potential for discovering biomarkers within the CSF, which can be used to monitor brain function and aid in diagnosis of neurological diseases.

During ageing, several structural, chemical, and functional changes occur in the brain. The weight and volume of both cerebral cortex and hippocampus reduce, and the ventricular system expands to fill the space vacated by the brain parenchyma [4]. In contrast, the CP in the lateral ventricles doubles in weight, leading to significant increase of the ratio of the CP and the brain in weight [5,6]. The CSF secretion by the CP is decreased, leading to a decreased overall turnover of CSF which can affect its protein composition.

There are few studies on the CSF biology during ageing in absence of any neurological diseases, and the drastically incomplete knowledge hinders us from understanding the ageing process in the brain. In this study, we systemically characterized age-related protein changes in ovine CSF using a gel free proteomic mass spectrometry (MS) approach with isobaric labelled samples (iTRAQ) techniques. The advantage of using sheep in this study is that adequate CSF samples of all age groups can be obtained, with facile control over gender selection and environmental factors. Furthermore, we have previous characterized the age-related changes in the CP structure and function in the sheep, and found that the secretion rate of the CP is decreased thus slowed overall CSF turnover, which contributed to the increased protein concentrations within the CSF with increasing age [6-10].

2. METHODS

2.1. Sample collection

Clun Forest strain adult female sheep aged between 1 and 10 year old were divided into 3 groups: young (aged 1-2 years); middle-aged (3-6 years) and old (7-10 years). Each group comprises 7 sheep. Sheep were anaesthetized with *i.v.* thiopentone sodium (20 mg.kg⁻¹) and heparinised (20,000 IU heparin kg⁻¹). CSF samples were collected from the cisterna magna by needle puncture [11]. Samples were spun at 10 000 g for 10 min at 4 °C. CSF samples with any blood contamination determined by the presence of erythrocytes in the solution or precipitation were discarded. Supernatants were immediately stored at -80 °C until being analysed. All procedures were within the Home Office Scientific procedures Act, 1986 (HMSO, London, UK), and were approved by King's College London research ethics committee.

2.2. Sample preparation for MS analysis

Equal volumes of CSF samples from seven individuals within each group were pooled to give a final volume of 80 µl per age group. An internal standard (IS) was prepared by pooling equal amount of each sample from the analysis set. The pooled samples were then digested with sequencing grade porcine trypsin (Promega, Fitchburg, Wisconsin, USA) overnight at 37 °C, followed by reduction and alkylation steps performed according to the instructions outlined in the iTRAQ labelling kit (AB Sciex, Framingham, MA, USA). Following this, the digests were then dried down in a vacuum centrifuge and iTRAQ labelling carried out also according to instructions in the iTRAQ labelling kit. Each iTRAQ tag was assigned as follows: iTRAQ reagent 114 for Young, 115 for Middle-age, 116 for Old and 117 for the IS.

Both MS and MS/MS analysis was performed on the fractionated peptides using an Applied Biosystems 4800 MALDI TOF/TOF mass spectrometer. The mass spectrometer was operated under control of 4000 Series Explorer v3.5.2 software (Applied Biosystems, Waltham, Massachusetts, USA). A total of 1000 shots per MS spectrum (no stop conditions) and 2500 shots per MS/MS spectrum (no stop conditions) were acquired. The following MS/MS acquisition settings were used: 2KV operating mode with CID on and precursor mass window resolution set to 300.00 (FWHM). Peak lists of MS and MS/MS spectra were generated using 4000 Series Explorer v3.5.2 software and the following parameters were used after selective labelling of monoisotopic mass peaks: MS peak lists: S/N threshold 10, Savitzky Golay smoothing (3 points across peak (FWHM)), no baseline correction, MS/MS peak lists: S/N threshold 14; smoothing algorithm: Savitzky Golay, smoothing (7 points across peak (FWHM)).

2.3. Quantitative MS analysis

Liquid chromatography fractionation and subsequent MS analysis was conducted as described before [12]. Briefly, labelled tryptic peptides obtained from protein digestion were pooled and dissolved in 2.4 ml of SCX buffer A (10 mM phosphate, 20% acetonitrile) and centrifuged at $15,000 \times g$ for 5 min to remove any insoluble debris. The peptide mixture was loaded onto a Polysulphoethyl A column (4.6 mm \times 100 mm, 5 μ m, 300 Å, PolyLC Inc.) using a flow rate of 800 μ l / min. The bound sample was washed using SCX buffer A for approximately 20 min, until non-binding mixture components were removed (as determined by the UV traces returning to baseline levels). Peptides were then eluted at 400 μ l / min using a gradient of SCX

buffer B (SCX A containing 1 M potassium chloride) of 0–30% over 30 min. Fractions were collected manually at 60 s intervals. SCX fractions containing peptides were dried to completeness and dissolved in 30 μ l of RP buffer A (2% acetonitrile) before separating further using an Ultimate 3000 chromatography system connected to a Probot fraction collector (Dionex, Sunnyvale, CA, USA). Samples were randomised and loaded onto a C18 trapping column before eluting onto a 75 μ m internal diameter C18 PepMap column. Peptides were washed for 15 min in RP buffer A before eluting with a 2–50% gradient of acetonitrile over 120 min, followed by further elution with 90% acetonitrile for 15 min. Eluted peptide fractions were spotted onto a MALDI-MS target plate every 10 s with 3 mg/ml α -cyano-2-hydroxy cinnamic acid at a flow rate of 1.2 μ l/min. A blank injection was performed between peptide runs to minimise sample carry-over.

Peptides were analysed using an Applied Biosystems 4800 Proteomics Analyser with close external standards to calibrate the instrument. Survey spectra were collected from the range 900 to 4000 Da, with a focus mass of 2500 Da. Fifty shots were fired per sub-spectrum, with 1000 total shots per spectrum without stop conditions. All sub-spectra were accepted, and laser intensity was set to 3750. For product ion analysis, a maximum of 10 precursor ions per spot were selected automatically with a minimum signal-to-noise ratio of 40. Lowest-intensity precursors were acquired first.

An automated database search was run using GPS Explorer v3.6 (AB Sciex, Framingham, MA, USA). MASCOT was used as the search engine to search the NCBI non-redundant database version Oct 04, 2011, using the following search parameters: species = mammals; precursor ion mass tolerance of 150 ppm; MS/MS

fragment ion mass tolerance of 0.3 Da; iTRAQ fragment ion mass tolerance of 0.2 Da. Oxidation of methionine residues were allowed as variable modifications, and N-term (iTRAQ), lysine (iTRAQ) and MMTS modification of cysteine residues were set as fixed modifications. Proteins were identified on the basis of having at least one peptide with an ion score above 95% confidence. All identified CSF proteins were subjected to functional analyses using PubMed search (<https://www.ncbi.nlm.nih.gov/pubmed/>) and the PANTHER classification system (<http://www.pantherdb.org/genes/batchIdSearch.jsp>) [13]. Only peptides unique for a given protein was considered for relative quantification. iTRAQ Ratios were normalized using the following formula: $iTRAQ\ Ratio = Ratio / (\text{median } iTRAQ\ Ratio \text{ of all found pairs})$ that was applied in GPS Explorer software.

2.4. Enzyme-linked immunosorbent assay (ELISA)

Experiments were performed using commercially available ovine protein ELISA kits: sheep haptoglobin (HP), sheep neuroendocrine protein 7B2 (MyBioscience, San Diego, CA, USA), according to the manufactory instructions. The target protein concentrations in CSF were determined according to the standard curve with known concentrations of the target proteins.

2.5. Western Immunoblotting

CSF samples (15 μ l) were mixed with equal amount of 2x Laemmli sample buffer (Sigma-Aldrich, St. Louis, Missouri, USA). The samples were loaded onto precast 10% SDS–polyacrylamide gel (Bio-Rad Laboratories, Hercules, CA, USA) and were electrophoresed at 60 mV constant voltage until the dye front reached the bottom of the gel. The electrophoresed protein was transferred onto a 0.45 μ m thick

nitrocellulose membrane, which was saturated for 1 h with 5% (w/v) milk powder in tris-buffered saline (TBS) containing 0.05% Tween 20 (TBS-T). Membranes were then incubated with the primary antibodies rabbit anti-sheep mu chain (1:500)(Sigma-Aldrich, St. Louis, Missouri, USA), anti-sheep IgG (1:500)(Zymed-Thermo Fisher Scientific, Waltham, Massachusetts, USA); or anti-human haemoglobin $\beta/\gamma/\delta$ (H-76) (1:200)(Santa Cruz Biotechnology, Santa Cruz, CA, USA) overnight at 4 °C. Thereafter the membranes were washed and incubated with horseradish peroxidase-conjugated goat anti-rabbit IgG (1:1000)(Dako-Agilent technologies, Santa Clara, California, USA). After final wash, the immunostained proteins were developed using a Pierce ECL developing kit (Thermo Fisher Scientific, Waltham, Massachusetts, USA), and were detected by a Fluorchem M image system (ProteinSimple, San Jose, California, USA). A CSF sample was used as an internal standard for each Western blotting experiment. The Western bolts images were analysed using Image studio lite version 5.2 software (LI-COR Biosciences, Lincoln, Nebraska, USA). Each band was analysed by manually selecting them to obtain the density measurement. The ratios of the sample density to the internal reference were used and compared among age groups.

2.6. Data Analysis

All values were expressed as mean \pm SEM. One way ANOVA with Tukey post-hoc study was used to analyse comparisons among the 3 age groups. SPSS version 19 (SPSS INC., Chicago, USA) was used for the analysis. Values of $P < 0.05$ were considered statistically significant, and values of $P < 0.01$ were considered statistically highly significant.

3. RESULTS

3.1. Identification of proteins in CSF

The total protein concentration in the CSF increased with advancing age, as these sheep showed age-related reduction in CSF secretion / turnover [10]. We therefore applied equal amount volume of CSF in the analysis instead of using equal amount of CSF proteins. Two hundred and thirty one peptides were detected from the pooled CSF samples. All but 5 of the peptides were named. From these peptides, 143 proteins were identified. Of these proteins, 78 were identified with at least two peptides while the remainder was identified with a single peptide (Supplement 1 and 2). These proteins included not only relatively abundant proteins, such as albumin, IgG, transthyretin, transferrin, haptoglobin, complements, and various apolipoproteins, but also lower abundance peptides such as neuropeptide Y (see Supplement 1 and 2). The functional classification of the 143 identified proteins was listed in Table 1.

3.2. Quantitative analysis of CSF proteins in different age groups

iTRAQ not only identifies CSF proteins but also enable us to quantitatively compare the proteins with different labels [14]. Although the protein profile in each iTRAQ experiment may vary when complex protein mixture are analysed, quantitative comparison is valid when the same peptide is detected in samples at the same time. We therefore compared the ratios of an individual age group to the pooled CSF group. Our results demonstrated that there were substantial quantitative differences in many proteins between the three groups. We separated these proteins into 2 main groups: whose levels have increased (Table 2) or decreased (Table 3) greater than 25%. There were 52 proteins with >25% increase in concentrations in the old sheep compared to the young (Table 2). 33 of them increased >25% but <50% [e.g. insulin like growth

factor binding proteins (IGFBPs), Complements], 13 increased >50% but <1 fold [e.g. transthyretin (TTR), apolipoprotein C-III], 6 increased >1 fold [i.e. haptoglobin (Hp), haemoglobin (HGB), neuroendocrine protein 7B2, immunoglobulin M (IgM), fibrous sheath interacting protein 1, vimentin] (Table 2). There were 18 proteins with >25% decrease in concentrations in the old sheep compared to the young. 17 of them decreased >25% but <50% (e.g. fibrinogen, transferrin), and histone deacetylase 7 (HDAC7) was gradually decreased for over 80% (Table 3). Glutathione S-transferase was decreased in middle aged CSF compared to both young and old CSF.

3.3. Validation of proteins associated with ageing process

To confirm peptide-based protein identifications and variant proteins as suggested by tandem MS, ELISA and Western Immunoblotting were performed on the CSF samples. As the first step towards verifying these ageing biomarkers in Table 2, that displayed more than 1 fold among the 3 age groups, all commercially available antibodies and ELISA kits for the sheep proteins were purchased for further analysis. These were sheep Hp ELISA kit, sheep neuroendocrine protein 7B2 ELISA kit, anti-sheep mu chain and sheep IgG antibodies. In addition, an antibody for human haemoglobin $\beta/\gamma/\delta$ (H-76) was bought as there were no specific antibodies for sheep haemoglobin. Specific ovine protein ELISA kits indicated there were significant increase of Hp and neuroendocrine protein 7B2 in the old CSF (Fig 1). Western blots of sheep mu chain showed significant increase in IgM in old CSF, in contrast, there were no changes in IgG among age groups (Fig 2). There were no bands on Western immunoblots with the anti-human haemoglobin $\beta/\gamma/\delta$ antibody on the ovine CSF samples (data not shown).

4. DISCUSSION

In this study, we studied ovine CSF proteome and compared CSF protein levels between different ages. We identified 143 different ovine CSF proteins using MS/MS fragmentation ions for sequencing, and generated the most complete characterization of ovine CSF proteome to date according to our knowledge. The number of proteins detected in ovine CSF was similar with in bovine CSF [15], but was lower compared to human CSF proteome [16], probably because both the ovine and bovine protein database are far less than completed than the human [17]. A large percentage of ovine CSF proteins (21.7%) are binding proteins, including the major CNS apolipoproteins (e.g. A, C, D, E), consistent with CSF “sink action” [1]. We did not find the apolipoprotein B, the major apolipoprotein in the blood that is not present in CSF, indicating the minimal blood contamination in our CSF samples [18,19]. To maximize efficient use of the MS, 7 ovine CSF samples with same age were pooled into a group, similar to our previous studies [12]. This approach will ensure adequate materials to identify low abundant proteins and minimized inter-subject variability, which was kept in minimum as the sheep was carefully controlled over their age, gender, disease states, season *etc.* The variability can be further addressed by performing careful follow-on / validation of aliquot from each individual animal.

Using iTRAQ reporter ion intensities at m/z114, 115, 116, 117, 52 proteins were found to be increased for more than 25% between ages, and 6 of them (neuroendocrine protein 7B2, IgM, fibrous sheath interacting protein 1, Hp, HGB, vimentin) were gradually increased for more than one fold with age. There were 18 proteins with >25% decrease in concentrations between ages, and the HDAC7

gradually decreased in concentrations for more than 80%. GST decreased in middle aged CSF samples compared to both young and old CSF samples.

While high throughput proteomic analysis of CSF proteins selects candidate proteins for further study, candidate proteins identified by this approach need to be validated before their biological roles are pursued extensively. As the first step towards developing candidate ageing markers, we sought to use commercially available antibodies against the candidate proteins on individual ovine CSF samples. We used as much as possible of commercially available sheep protein diagnosis kits/antibodies, and validated 3 candidate proteins: Hp, neuroendocrine secretory protein 7B2 and IgM.

Hp is an acute-phase protein that scavenges HGB in the event of haemolysis, but also can be induced by inflammation [20, 21]. Human CSF Hp has a role in the protection of the CNS against autoimmune inflammatory responses after aneurysmal subarachnoid haemorrhage [22]. Increased human CSF Hp concentration were found in a number of neurological diseases, e.g. idiopathic normal pressure hydrocephalus, traumatic brain injury, Gullain-Barre syndrome and neuromyelitis optica [23, 24]. Chamoun et al. [25] reported there was an increased likelihood of detecting Hp in human CSF with age and suggested Hp was a marker of BCSFB dysfunction.

Neuroendocrine secretory protein 7B2 resides in the secretory granules of neuroendocrine cells and functions as a specific chaperone for the proprotein convertase 2 [26] as well as an anti-aggregation secretory chaperone associated with neurodegenerative diseases [27]. The normal concentration of 7B2 in human CSF is

10-100 folds greater than in plasma [26, 28], suggesting 7B2 is originated from the brain.

The brain has historically been considered an 'immune privileged region', as it is separated from peripheral circulation by BBB and BCSFB. However, the brain also contains microglia, the counterpart to macrophages which actively surveys the brain [29]. A recent study suggests that brain immune surveillance communicates with the immune system and can generate adaptive immune responses [30]. In our study, 13.3% identified CSF proteins were immunoproteins, which are proteins with immunological activities, e.g. immunoglobins and complements. Among them, IgM significant was increased in the old ovine CSF. IgM plays an important role in cytolytic reactions and agglutination [31], and is strongly related with a fatal neurodegenerative disease called prion disease [32]. There was a correlation between CSF IgM and CSF apolipoproteins in patients with neurological diseases [33]. In contrast, IgG levels in the CSF were not different between different age groups. IgM is the largest antibody and moves out of the brain only with CSF clearance, while IgG is the most abundant but the smallest antibody and moves out of the brain via additional efflux system [34]. The increase of IgM in the old CSF could be caused by either the old sheep were subjected to some infections that the young sheep were not, and / or the old sheep had slower CSF turnover rates compared to the young ones - [10].

The HGB expression in vertebrates was previously thought to be restricted to red blood cells, however the expression of HGB was found in both rat and human neurons [35, 36] and HGB was detected in the CSF of normal human controls [37]. HGB was

involved in neuronal mitochondrial energetics with epigenetic changes to histones and may provide neuroprotection in multiple sclerosis by supporting neuronal metabolism [38]. Although the sequence homology of haemoglobin β in *ovis aries* vs. human is 83% homology, Western blots with an anti-human haemoglobin $\beta/\gamma/\delta$ (H-76) antibody showed no reaction with the ovine CSF samples.

To our best knowledge, there are only 2 studies on ageing CSF biomarkers in human. Utilising a shotgun proteomics strategy in conjunction with ICAT (isotope-coded affinity tags), Zhang *et al.* [18] identified 312 different CSF proteins, of which 187 were identified with at least two peptides while the remainder was identified with a single peptide. The authors discovered 6 proteins that were changed more than one fold between the young and old human CSF, i.e. agrin, bromodomain, splice isoform γ -2 of P36873, protein phosphatase, hypothetical protein, serine/threonine protein phosphatase, ubiquinol-cytochrome *c* reductase. An important issue in Zhang's study is that the changes in the relative amount of proteins were measured with pooled CSF samples. The variability between humans is more than between sheep. The study could not define if the age-related difference found were due to difference in some individuals or being distributed over all participants. Although follow up immunoassays can partially address this problem, this approach is limited by availability of sufficiently sensitive antibodies. Another study on age-related changes in human CSF proteome was conducted by Baird *et al.* [19] using the Slow off-rate modified Aptamer Array technique. Baird *et al.* identified 82 proteins that were changed over age 28-82, most of which are associated with immune system activation or response to injury. These biomarkers overlap with our discovery in immunoproteins, indicating a role for inflammatory process in CNS ageing. A recent

study found in healthy ageing human CSF, there was a three-fold increase of soluble triggering receptor expressed on myeloid cell 2 (TREM 2), which functions in immune response and may be involved in chronic inflammation [39].

Ageing is associated with chronic inflammation. Inflammageing describes the close relationship between low-grade chronic inflammation and ageing in various organs, including the brain [40]. A number of theories have been developed to define the inflammageing, such as redox stress, mitochondrial damage, immunosenescence, endocrinosenescence, epigenetic modification etc [41]. The age-related changes in the brain including the inflammageing may provide a substrate for developing neurodegenerative disease. Indeed, inflammation has long been associated with neurodegenerative diseases [42]. Future studies on neurodegenerative diseases should consider the ageing factor. An important precondition for discovering CSF biomarkers in neurodegenerative diseases is an understanding of the dynamic nature of the CSF proteome during normal ageing process.

A number of Alzheimer's disease (AD) biomarkers, such as amyloid beta, tau, neurofilament light, were detected in ovine CSF. Total tau and neurofilament light levels were comparable with human levels [43]. We also found a few of AD related proteins in the ovine CSF, e.g. Apolipoprotein E, Amyloid beta A4 protein isoform b precursor, amyloid precursor-like protein 1, and they were not significantly different in concentrations among the age groups. Sheep are not known to develop AD naturally, probably due to their shorter lifespan compared to humans and being culled once past their useful lifespan for the farmers [43].

In conclusion, this study has generated detail knowledge of the ovine proteome and presented a number of suitable candidate proteins for further study in terms of their physiological variation in CSF during ageing. **It would be important to validate the results of this study in CSF from humans in future and to conduct further experiments to understand their roles in healthy ageing and neurodegenerative diseases.** Changes in the CSF proteins during ageing without disease may be small and heterogeneous between individuals. Thus a combination of a number of studies on CSF ageing biomarkers would provide a full picture of ageing related changes in CSF proteome. A common ageing CSF biomarker identified to date is immunoproteins indicating a role of the immune response and inflammation in normal ageing process in the brain. MS analysis usually serves to identify candidates, functional and follow up studies will be needed for understanding the physiology of brain ageing as well as for recognizing neurodegenerative disease-associated changes in CSF proteome patterns.

COMPETING FINANCIAL INTERESTS

There is no conflict of interest.

AUTHOR CONTRIBUTIONS

This project was conceived by R.C. and J.E.P. The *in vivo* experiments in this paper were performed by C.P.C. and R.C., while the quantitative mass spectrometry experiment was conducted by H.R.F. Data were analysed and interpreted by R.C., H.R.F., and S.Z. The manuscript was prepared by R.C., S.Z., H.R.F., C.P.C, and D.G.A.M. All authors have read and approved the final copy.

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Table 1. Functional classification of ovine CSF proteins

Protein function group	Protein number	Percentage (%)
Binding proteins	31	21.7
Peptide hormones	14	9.8
Enzymes for metabolism/signalling	36	25.2
Structural molecules	23	16.1
Immunoproteins	19	13.3
Coagulation proteins	9	6.3
Unknown	11	7.7
Total	143	100

Table 2: A list of proteins showing more than 25% age-related increase in ovine CSF

Protein name	Accession number	Peptide count	Average iTRAQ ratio young/IS	Average iTRAQ ratio middle-age/IS	Average iTRAQ ratio old/IS	% increase	
Haptoglobin	gi 258499	3	0.57 [3]	0.51 [3]	1.56 [3]	Age-related increase >1 fold	
	gi 998960	1	0.43 [1]	0.39 [1]	1.44 [1]		
Haemoglobin	gi 122686 beta subunit	3	0.49 [3]	1.06 [3]	1.90 [3]		
	gi 1787 alpha subunit	1	0.95 [1]	1.56 [1]	1.88 [1]		
Vimentin	gi 21757045	2	0.47 [2]	0.44 [2]	1.06 [2]		
IgM (Ig mu chain)	gi 165945	2	0.56 [2]	0.61 [2]	1.21 [2]		
Neuroendocrine protein 7B2 isoform 1	gi 221139785	1	1.17 [1]	1.83 [1]	2.50 [1]		
Fibrous sheath interacting protein 1	gi 28175039	1	0.23 [1]	0.34 [1]	0.78 [1]		
Transthyretin	gi 57526651	7	0.63 [11]	0.73 [11]	1.09 [11]		Age-related increase >50% but <1 fold
Serpin A3-1	gi 31340900	4	0.73 [5]	0.63 [5]	1.28 [5]		
Apolipoprotein C-III	gi 47564119	3	0.74 [3]	1.09 [3]	1.22 [3]		
Inter-alpha-trypsin inhibitor	gi 59857769	2	0.95 [2]	1.16 [2]	1.57 [2]		
	gi 48374067	2	0.82 [2]	1.12 [2]	1.68 [2]		
Actin	gi 929752	1	0.78 [1]	0.82 [1]	1.55 [1]		
Calcium uniporter channel	gi 833995	1	1.28 [1]	0.88 [1]	2.36 [1]		
Thyroxine-binding globulin	gi 155369640	1	0.66 [1]	0.62 [1]	1.07 [1]		
Beta-actin-like protein 2-like	gi 57043600	1	0.78 [1]	0.82 [1]	1.55 [1]		
Retinoic acid receptor responder protein 2	gi 346716116	1	0.58 [1]	0.97 [1]	0.91 [1]		
Neuropeptide Y	gi 30923117	1	0.78 [1]	1.4 [1]	1.54 [1]		
Pyruvate kinase isozymes m1/m2 isoform	gi 33286418	1	1.05 [1]	0.59 [1]	1.61 [1]		
Serum paroxonase/arylesterase 1	gi 126722853	1	0.99 [1]	0.91 [1]	2.18 [1]		
Complement C1r-B	gi 164518925	1	0.91 [1]	0.91 [1]	1.44 [1]		
Ceruloplasmin	gi 57617174	14	0.85 [17]	0.84 [17]	1.15 [17]	Age-related increase >25% but <50%	
Clusterin	gi 27806907	7	0.81 [9]	0.93 [9]	1.10 [9]		
IGF-2	gi 57164331	2	0.83 [2]	1.43 [2]	1.20 [2]		
IGFBP-2	gi 57164237	7	0.90 [7]	1.14 [7]	1.25 [7]		
IGFBP-4	gi 27807009	1	0.59 [1]	0.82 [1]	0.76 [1]		
IGFBP-5	gi 263306	1	1.69 [1]	1.32 [1]	2.19 [1]		
IGFBP-6	gi 56849568	1	0.39 [1]	0.72 [1]	0.82 [1]		
	gi 5705897	1	0.79 [1]	1.13 [1]	0.96 [1]		
IGFBP-7	gi 4504619	3	0.75 [3]	0.61 [3]	1.01 [3]		
Beta 2-microglublin	gi 57164311	4	0.91 [4]	0.99 [4]	1.17 [4]		

Primary amine oxidase	gil30794300	3	0.75 [3]	0.91 [3]	1.06 [3]
Complement C4	gil1227	7	0.84 [7]	0.96 [7]	1.06 [7]
	gil1235	5	0.76 [5]	0.91 [5]	1.06 [5]
	gil50567362	4	0.87 [4]	1.08 [4]	1.14 [4]
	gil1314244	1	0.96 [1]	1.52 [1]	1.64 [1]
Complement C3	gil4093220	1	0.76 [1]	0.96 [1]	1.03 [1]
Complement C6	gil47115536	1	0.76 [1]	1.20 [1]	0.98 [1]
Complement C8	gil841248	1	0.61 [1]	0.73 [1]	0.78 [1]
Chromogranin B	gil12644006	2	1.00 [2]	1.28 [2]	1.32 [2]
Alpha-macroglobulin	gil290543549	2	0.78 [2]	0.92 [2]	1.17 [2]
Beta-2 glycoprotein 1	gil54792721	2	0.79 [3]	1.01 [3]	1.06 [3]
	gil57528174	2	0.65 [2]	0.81 [2]	1.14 [2]
Plasminogen	gil833995	2	0.89 [2]	0.87 [2]	1.12 [2]
	gil51702791	1	0.83 [1]	0.99 [1]	1.12 [1]
Proactivator polypeptide	gil27806447	2	0.60 [2]	0.76 [2]	0.83 [2]
Apolipoprotein D	gil348582766	1	0.71 [1]	0.99 [1]	0.90 [1]
Brain-type ribonuclease	gil2381819	1	0.82 [1]	1.37 [1]	1.22 [1]
Extracellular superoxide dismutase	gil130508829	1	0.54 [1]	0.85 [1]	0.72 [1]
Phosphatidylcholine sterol acyltransferase	gil21542351	1	1.10 [1]	0.90 [1]	1.62 [1]
Eukephalin	gil223387	1	0.86 [1]	1.07 [1]	1.10 [1]
Neuroserpin	gil18158628	1	0.43 [1]	0.66 [1]	0.58 [1]
Alpha-2 antiplasmin	gil27807209	1	0.58 [1]	0.72 [1]	0.82 [1]
Niemann-pick C2 protein	gil28373999	1	0.74 [1]	0.71 [1]	0.94 [1]
Rheumatoid factor Fab	gil3659940	1	1.07 [1]	1.42 [1]	1.60 [1]
Neuroblastoma suppressor	gil13928832	1	1.04 [1]	1.07 [1]	1.35 [1]
Malate dehydrogenase	gil5174539	1	0.75 [1]	0.72 [1]	0.99 [1]
Alpha-1 antiproteinase	gil461443	1	0.28 [1]	0.28 [1]	0.40 [1]
Kininogen-1	gil57109938	1	0.74 [1]	0.97 [1]	1.11 [1]
Fibromodalin	gil453157	1	0.78 [1]	0.84 [1]	0.91 [1]

Column headings refer to the following: accession number is the reference for each protein in the NCBI nr database; peptide count refers to the number of unique peptides with MS/MS ion scores used for protein identification; the average iTRAQ ratios are shown after data normalisation followed by the number of peptides used for quantification in square brackets. IS = internal standard.

Table 3: A list of proteins showing more than 25% age-related decrease in ovine CSF

Protein name	Accession number	Peptide count	Average iTRAQ ratio young/IS	Average iTRAQ ratio middle-age/IS	Average iTRAQ ratio old/IS	% decrease
Histon deacetylase 7	gil30913010	1	3.85 [1]	1.39 [1]	0.76 [1]	Age-related decrease >80%
Fibrinogen	gil1346006	3	1.25 [3]	1.40 [3]	0.74 [3]	Age-related decrease >25% but <50%
	gil3789962	3	1.03 [3]	1.15 [3]	0.87 [3]	
	gil6980816	2	1.23 [2]	1.42 [2]	0.92 [2]	
Neurosecretory protein VGF	gil17136078	2	1.39 [2]	1.04 [2]	0.99 [2]	
Beta-1,3-N-acetyl glucosaminyl transferase 6	gil61553937	2	1.64 [2]	1.38 [2]	1.17 [2]	
Tetranectin	gil37409	2	1.23 [2]	1.37 [2]	0.83 [2]	
Transferrin	gil2318026	2	1.40 [2]	1.09 [2]	0.98 [2]	
Calreticulin	gil545920	2	0.95 [2]	1.11 [2]	0.64 [2]	
	gil237420	1	0.91 [1]	0.99 [1]	0.55 [1]	
Contactin-2	gil4827022	2	1.25 [2]	0.73 [2]	0.77 [2]	
V-set and transmembrane domain protein 2A	gil20306326	1	1.12 [2]	0.81 [2]	0.59 [2]	
Cadherin-15	gil4826669	1	1.39 [1]	0.89 [1]	0.72 [1]	
Chain A, Divalent cation tolerant protein cuta	gil56554578	1	1.37 [1]	1.04 [1]	1.00 [1]	
Cell adhesion molecule 4	gil21686977	1	1.11 [1]	0.50 [1]	0.77 [1]	
Adipsin / complement factor D	gil773265	1	1.50 [1]	1.27 [1]	1.09 [1]	
Nidogen-2	gil2791962	1	1.35 [1]	1.22 [1]	0.70 [1]	
Protein C	gil163487	1	0.93 [1]	0.68 [1]	0.69 [1]	
Neurocan core protein	gil77681353	1	1.11 [1]	0.71 [1]	0.61 [1]	
Protein kinase C-binding protein NELL-2	gil2494290	1	1.81 [1]	1.40 [1]	1.00 [1]	
Nuclear factor of activated T cells cytoplasmic isoform 2	gil27886541	1	0.96 [1]	1.56 [1]	0.38 [1]	

Column headings refer to the following: accession number is the reference for each protein in the NCBI nr database; peptide count refers to the number of unique peptides

with MS/MS ion scores used for protein identification; the average iTRAQ ratios are shown after data normalisation followed by the number of peptides used for quantification in square brackets. IS = internal standard.

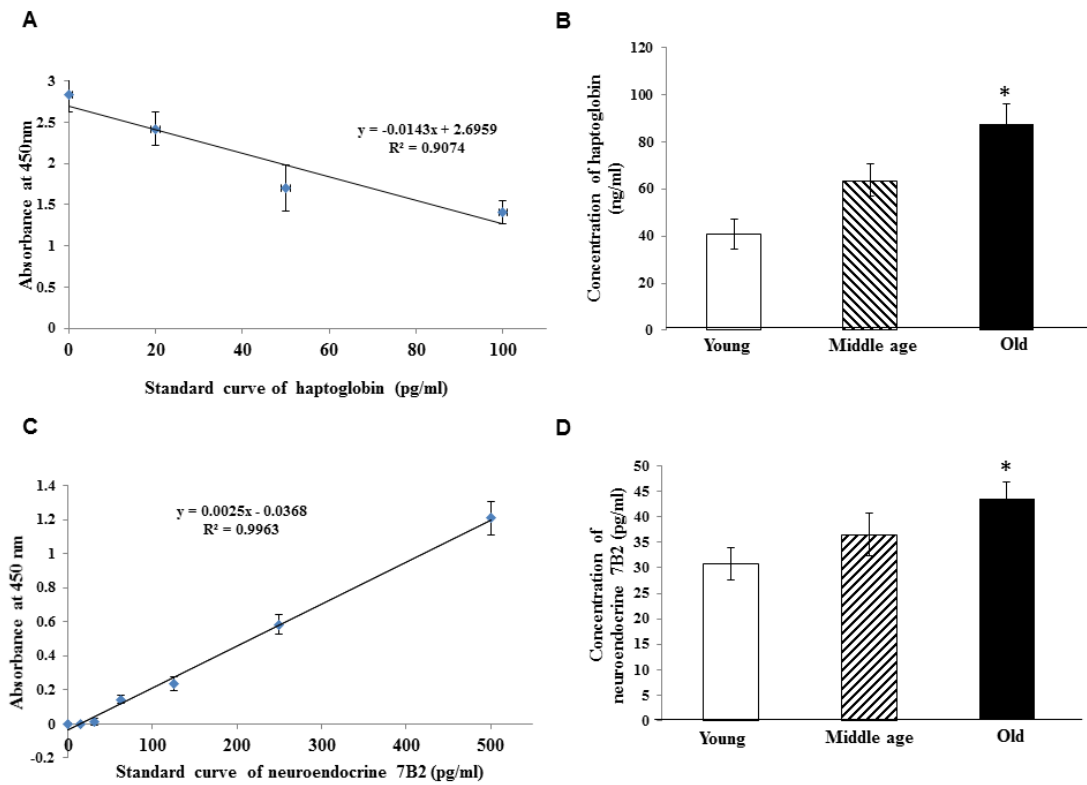


Figure 1. Concentration of haptoglobin (HP) and neuroendocrine protein 7B2 in CSF of young, middle age, and old groups by ELISA assay. A, C are standard curves of Hp (A) and neuroendocrine 7B2 (C); B and D summarized the concentrations of Hp (B) and neuroendocrine 7B2 (D) in CSF from different age groups, $n = 7$. *compared to young group, $P < 0.01$.

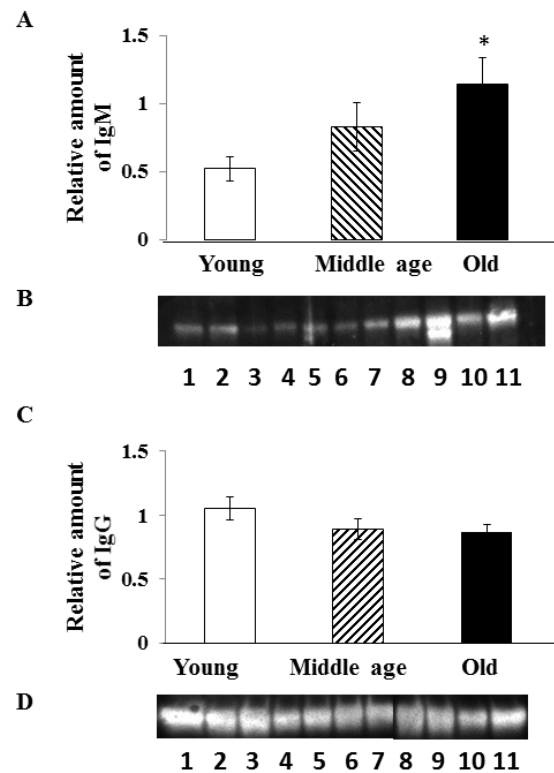


Figure 2. Relative amount of IgM (A) and IgG (C) in CSF between different ages, which was based on their band density of *Western* immunoblotting image of IgM (B) and IgG (D) respectively. In image B or D, lanes 1-4: young CSF; lanes 5-7: middle aged CSF; lanes 8-10: old CSF; lane 11: molecular size marker. *compared to young group, $P < 0.01$

Supplement 1. Total peptides (231) were identified from the ovine CSF samples

Protein common name	Protein		Peptide count	Total ion score	Average iTRAQ ratio			iTRAQ Standard Deviation			iTRAQ Peptides		
	MW	PI			114/117	115/117	116/117	114/117	115/117	116/117	114/117	115/117	116/117
Serum albumin precursor Serotransferrin; Transferrin;	79687	6	43	2879	1	2	1.1	0.6	0.7	0.3	147	147	147
Beta-1 metal-binding globulin;	88817	7	20	1321	1	1	1.1	0.5	0.6	0.4	36	36	36
Serum albumin;	79648	6	18	1217	1	2	1.1	0.7	0.7	0.4	70	70	70
Angiotensinogen;	54004	7	15	1182	1	1	1.1	0.6	0.6	0.3	19	19	19
Apolipoprotein A-I, apoA-1	31729	6	15	1043	1	1	1.2	0.5	0.4	0.3	27	27	27
Ceruloplasmin precursor	129919	6	14	1038	1	1	1.4	0.4	1.0	0.5	17	17	17
Complement C3	205367	6	15	969	1	1	1.1	0.4	0.4	0.2	23	23	23
Alpha-1-antiproteinase precursor	50699	6	13	804	1	1	1.3	0.6	0.5	0.4	19	19	19
Apolipoprotein E;	38112	6	10	687	1	1	1.3	0.4	0.3	0.2	16	16	16
Complement component	43395	6	10	576	1	1	1.2	0.6	0.4	0.3	10	10	10
Preprocomplement component C3	205042	6	9	570	1	1	1.1	0.3	0.3	0.2	16	16	16
Transferrin	86771	7	7	549	1	1	1.0	0.4	0.4	0.3	16	16	16
Alpha-2-HS-glycoprotein precursor	41651	5	6	534	1	1	1.0	0.4	0.6	0.3	8	8	8
Immunoglobulin lambda light chain constant region segment 1	13045	8	5	525	1	1	1.3	0.5	0.6	0.3	15	15	15
Keratin 1	70200	8	8	504	3	5	1.8	1.1	1.6	0.6	10	10	10
Alpha-1-antiproteinase precursor Ig lambda chain C region - sheep (fragment)	51106	6	9	502	1	1	1.3	0.6	0.6	0.4	13	13	13
13172	8	4	495	1	1	1.3	0.5	0.5	0.2	15	15	15	
Complement C3 preproprotein	204039	6	8	483	1	1	1.1	0.3	0.4	0.2	14	14	14
Contactin-1 precursor	122263	6	6	481	2	2	1.4	1.0	1.2	0.5	7	7	7
Transthyretin precursor	17582	6	7	464	1	1	1.3	0.4	0.7	0.4	11	11	11
Complement component C4	15520	5	7	463	1	1	1.3	0.4	0.5	0.3	7	7	7
Complement C4	108118	6	9	458	1	2	1.3	0.5	0.5	0.4	9	9	9
Clusterin preproprotein	55864	6	7	455	1	1	1.3	0.4	0.4	0.2	9	9	9
Albumin	79319	6	7	442	1	2	1.1	1.3	1.8	0.7	21	21	21
Fibronectin	95323	9	6	421	2	1	1.2	0.9	1.1	0.4	7	7	7
Keratin, type I cytoskeletal 9	66102	5	4	411	2	4	1.7	1.6	3.5	0.8	4	4	4

Immunoglobulin gamma-1 chain	55492	6	6	399	1	1	1.1	0.5	0.4	0.2	14	14	14
Antithrombin-III precursor	57635	6	7	397	1	2	1.2	0.3	0.2	0.2	7	7	7
Insulin-like growth factor-binding protein 2 precursor	37202	7	7	394	1	2	1.5	0.4	0.7	0.3	7	7	7
Pigment epithelium-derived factor precursor	50039	7	5	388	2	2	1.6	1.1	1.7	0.3	5	5	5
Gelsolin													
Actin-depolymerizing factor;	91483	6	6	371	1	2	1.2	0.4	0.5	0.3	6	6	6
Prostaglandin-H2 D-isomerase	22795	6	4	343	1	2	1.2	0.5	0.5	0.3	8	8	8
Beta-2-microglobulin precursor	14845	6	4	340	1	1	1.4	0.4	0.6	0.2	4	4	4
Plasminogen	41059	8	4	322	1	2	1.4	0.3	0.5	0.2	4	4	4
Ectonucleotide pyrophosphatase/phosphodiesterase family member 2	111363	7	7	316	1	2	1.4	0.6	0.8	0.4	7	7	7
Complement component C4 Chain A, crystal structure of the first active autolysate form of the porcine alpha trypsin	15731	6	5	287	1	1	1.3	0.4	0.4	0.3	5	5	5
Chain E, leech-derived tryptase inhibitortrypsin complex	14234	8	3	286	1	1	1.1	0.4	0.4	0.1	5	5	5
Serpin A3-1 precursor	25594	8	3	286	1	1	1.1	0.4	0.4	0.1	5	5	5
Amyloid beta A4 protein isoform b precursor	49726	6	4	278	1	1	1.5	0.4	0.5	0.4	5	5	5
72 kda type IV collagenase precursor	91357	5	4	276	1	1	1.1	0.4	0.4	0.3	5	5	5
Phospholipid transfer protein	81088	5	5	275	1	1	1.2	0.8	0.3	0.3	5	5	5
Insulin-like growth factor-binding protein 7	59170	6	3	256	1	2	1.1	0.5	0.7	0.3	4	4	4
Keratin, type II cytoskeletal 2 epidermal	32245	8	3	253	1	1	1.2	0.9	0.4	0.4	3	3	3
Brevican core protein	70811	8	3	243	2	2	1.2	0.1	0.3	0.2	3	3	3
Fibrinogen beta chain; Fibrinopeptide B	103281	5	3	241	2	2	1.5	0.3	0.4	0.3	3	3	3
Apolipoprotein A-I	59432	8	3	239	1	2	0.9	0.2	0.0	0.1	3	3	3
Chain A, crystal structure of bovine holo-rbp at ph 4.0	33204	5	3	232	1	1	1.1	0.3	0.4	0.3	5	5	5
Complement component 4, gene 2	22019	5	4	230	1	2	1.3	0.3	0.4	0.1	6	6	6
	205543	7	4	228	1	2	1.4	0.3	0.5	0.4	4	4	4

Hypothetical protein	263095	6	3	227	1	1	1.0	0.4	0.3	0.2	3	3	3
Keratin 10	62434	5	3	221	2	2	1.2	0.8	0.6	0.3	3	3	3
Hemoglobin subunit beta; Beta-globin	17983	7	3	219	1	2	2.3	0.1	0.2	0.2	3	3	3
Inter-alpha-trypsin inhibitor heavy chain H2 precursor	114147	7	4	217	1	2	1.2	0.6	0.6	0.3	4	4	4
Neurosecretory protein VGF precursor	69569	5	2	203	2	2	1.2	0.3	0.5	0.3	2	2	2
Fibronectin	69908	8	2	199	2	1	1.3	0.2	0.5	0.0	2	2	2
Prothrombin	76294	6	4	196	1	1	1.2	0.1	0.3	0.7	4	4	4
Pigment epithelium-derived factor	50486	6	3	196	2	2	1.6	0.3	0.4	0.2	3	3	3
Factor xiii inhibitor precursor	55333	6	3	193	1	2	1.5	0.3	0.2	0.3	3	3	3
Apolipoprotein C-III precursor	11982	5	3	186	1	2	1.4	0.0	0.1	0.1	3	3	3
Primary amine oxidase, lung isozyme	87835	6	3	184	1	1	1.3	0.1	0.1	0.2	3	3	3
Sex hormone-binding globulin	41550	5	2	172	2	2	1.4	0.4	0.9	0.1	2	2	2
Apolipoprotein A-IV precursor	48023	6	3	171	1	1	1.1	0.5	0.4	0.1	4	4	4
Complement C3 alpha chain	90597	5	2	168	1	2	1.2	0.5	0.1	0.2	3	3	3
Beta-1,3-N-acetylglucosaminyltransferase bgnt-6	45814	6	2	164	2	2	1.4	0.4	0.4	0.1	2	2	2
Serum albumin	78092	6	4	162	1	2	1.1	0.4	0.7	0.2	6	6	6
DKFZP459P137 protein	58526	5	3	162	1	1	1.4	0.2	0.3	0.3	3	3	3
Collagen alpha-1(XII) chain long isoform precursor	356530	5	2	159	1	1	1.1	0.0	0.1	0.2	2	2	2
Pigment epithelium-derived factor	49797	6	2	157	2	2	1.5	0.1	0.3	0.2	2	2	2
Transcription factor AEBP1	85223	5	3	155	1	1	1.4	0.1	0.6	0.3	3	3	3
Fibrinogen A-alpha chain	46124	6	3	155	1	2	1.0	0.2	0.1	0.2	3	3	3
Haptoglobin heavy chain, hph chain	30384	6	3	153	1	1	1.9	0.2	0.2	0.3	3	3	3
Chromogranin B	79125	5	2	151	1	2	1.6	0.1	0.1	0.0	2	2	2
Metalloproteinase inhibitor 2	25216	7	2	149	1	1	1.1	0.2	0.1	0.1	2	2	2
Chitinase-3-like protein 1	46169	9	3	148	1	1	1.5	0.2	0.3	0.3	3	3	3
Tetranectin	25324	6	2	145	1	2	1.0	0.2	0.1	0.6	2	2	2
Vitamin D-binding protein	28956	5	3	140	1	1	1.2	0.4	0.3	0.4	4	4	4
Transferrin	7637	8	2	137	2	2	1.2	0.3	0.1	0.0	2	2	2

Limbic system-associated membrane protein precursor	40309	6	2	136	1	1	1.0	0.1	0.2	0.1	2	2	2
Fibrinogen alpha chain	1991	4	1	136	1	1	1.7	0.0	0.0	0.0	1	1	1
Insulin-like growth factor II preproprotein	20980	9	2	134	1	2	1.4	0.1	0.0	0.0	2	2	2
Complement component C7 precursor	103502	7	2	130	1	1	1.0	0.2	0.0	0.1	2	2	2
Unnamed protein product	55266	5	2	130	1	2	1.1	0.1	0.3	0.0	2	2	2
Dickkopf-related protein 3 precursor	40484	5	2	129	1	1	0.9	0.5	0.2	0.2	3	3	3
Beta-2-glycoprotein 1 precursor	43614	9	2	129	1	1	1.3	0.4	0.7	0.1	3	3	3
WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 2 precursor	68543	6	2	128	1	1	1.1	0.2	0.1	0.0	2	2	2
Inter-alpha (globulin) inhibitor H4	108789	6	2	125	1	2	1.9	0.0	0.1	0.2	2	2	2
Calcium uniporter channel component [cattle, heart, Peptide Mitochondrial Partial, 18 aa, segment 3	2470	5	1	123	2	1	2.8	0.0	0.0	0.0	1	1	1
Plasminogen precursor	101001	8	2	121	1	1	1.3	0.1	0.2	0.1	2	2	2
Calreticulin	52543	4	2	119	1	2	0.8	0.1	0.2	0.1	2	2	2
Amyloid precursor-like protein 1	74871	6	2	117	1	1	0.9	0.4	0.7	0.2	2	2	2
Unnamed protein product	55767	5	2	116	1	1	1.3	0.1	0.1	0.1	2	2	2
Immunoglobulin kappa light chain constant region	13396	6	2	114	2	2	1.1	0.4	0.1	0.1	3	3	3
Insulin-like growth factor-binding protein 7	32027	8	2	113	1	1	1.4	0.1	0.0	0.3	2	2	2
Beta-2-glycoprotein 1	43957	9	2	109	1	1	1.3	0.2	0.4	0.2	2	2	2
Superoxide dismutase [Cu-Zn]	17556	6	2	106	1	1	1.1	0.1	0.1	0.1	2	2	2
Immunoglobulin lambda-6c light chain variable region	12870	5	1	106	2	1	1.5	0.0	0.0	0.0	1	1	1
Alpha-macroglobulin	178259	6	2	104	1	1	1.4	0.4	0.4	0.2	2	2	2
Igg1 heavy chain constant region	39259	6	2	101	1	1	1.2	0.8	0.7	0.3	7	7	7
Myocilin; Trabecular meshwork-induced glucocorticoid response protein;	58155	5	2	99	2	2	1.2	0.3	0.4	0.5	2	2	2
Immunoglobulin mu chain	57811	5	2	99	1	1	1.4	0.0	0.1	0.0	2	2	2

Chain c, the crystal structure of modified bovine fibrinogen	51472	5	2	98	1	2	1.1	0.1	0.1	0.0	2	2	2
Proactivator polypeptide	64672	5	2	97	1	1	1.0	0.1	0.4	0.1	2	2	2
Apolipoprotein D, apod	31277	5	1	95	2	2	1.4	0.0	0.0	0.0	1	1	1
Insulin-like growth factor-binding protein 6	14741	11	1	93	1	2	1.1	0.0	0.0	0.0	1	1	1
Hepatocarcinogenesis-specific protein/hemopexin homolog	33129	9	2	93	2	2	1.6	0.4	0.4	0.3	3	3	3
Inter-alpha-trypsin inhibitor heavy chain H4	108849	6	2	90	1	2	2.0	0.1	0.2	0.0	2	2	2
Phospholipid transfer protein	57667	7	2	89	1	1	1.0	0.2	0.4	0.2	2	2	2
Inhibitor of carbonic anhydrase precursor	85724	6	2	89	1	1	1.1	0.0	0.2	0.3	2	2	2
Unnamed protein product	12782	5	2	89	1	1	1.4	0.0	0.2	0.3	2	2	2
Collagen type I alpha 1	10249	5	1	87	2	3	1.3	0.0	0.0	0.0	1	1	1
Contactin-2 precursor	119638	8	2	87	2	1	0.9	0.1	0.1	0.0	2	2	2
Fibulin-1	70865	5	2	85	1	2	1.2	0.7	0.3	0.4	2	2	2
Cadherin-15 preproprotein	91489	5	1	84	2	1	0.9	0.0	0.0	0.0	1	1	1
Vitamin K-dependent protein S precursor	83178	5	2	83	1	1	0.7	0.4	0.2	0.1	2	2	2
Apolipoprotein D-like	23365	5	1	83	1	1	1.1	0.0	0.0	0.0	1	1	1
Unnamed protein product	75687	6	2	81	2	2	1.3	0.5	0.2	0.2	2	2	2
Glutaminyl cyclase	28410	7	1	80	3	2	2.4	0.0	0.0	0.0	1	1	1
Chain a, divalent cation tolerant protein cuta	16967	6	1	79	2	2	1.2	0.0	0.0	0.0	1	1	1
Vitronectin precursor	57941	6	1	79	1	1	1.4	0.0	0.0	0.0	1	1	1
V-type proton atpase subunit S1 precursor	53615	5	1	77	1	1	0.9	0.0	0.0	0.0	1	1	1
Calreticulin	52957	4	1	76	1	1	0.6	0.0	0.0	0.0	1	1	1
Brain-type ribonuclease	20326	10	1	75	1	2	1.4	0.0	0.0	0.0	1	1	1
Similar to pro alpha 1(I) collagen	14422	9	1	73	1	1	1.3	0.0	0.0	0.0	1	1	1
Alpha 1 (I) chain propeptide	105492	6	1	73	1	1	1.3	0.0	0.0	0.0	1	1	1
Type I collagen alpha 1 chain	37821	5	1	73	1	1	1.3	0.0	0.0	0.0	1	1	1
C-type natriuretic peptide precursor	15391	10	1	71	1	1	1.1	0.0	0.0	0.0	1	1	1
Immunoglobulin lambda light chain	26551	6	1	69	1	1	1.4	0.0	0.0	0.0	1	1	1

Extracellular superoxide dismutase [Cu-Zn] precursor	26858	7	1	68	1	1	0.9	0.0	0.0	0.0	1	1	1
Thyroxine-binding globulin precursor	50564	6	1	67	1	1	1.3	0.0	0.0	0.0	1	1	1
Insulin-like growth factor-binding protein 5	13885	6	1	66	2	2	2.6	0.0	0.0	0.0	1	1	1
CCP modules 3-12, with parts of CCP 2 and 13	84142	6	1	66	2	2	1.5	0.0	0.0	0.0	1	1	1
Ig gamma heavy chain constant region - rabbit (fragment)	22719	8	1	66	0	1	1.1	0.0	0.0	0.2	2	2	2
Phosphatidylcholine-sterol acyltransferase; Lecithin-cholesterol acyltr	22082	5	1	66	1	1	1.9	0.0	0.0	0.0	1	1	1
Plasminogen	15564	6	1	65	1	1	1.3	0.0	0.0	0.0	1	1	1
Neuronal pentraxin-1 precursor	51248	6	1	64	1	2	1.0	0.0	0.0	0.0	1	1	1
SPARC precursor	38326	5	1	64	1	1	1.1	0.0	0.0	0.0	1	1	1
Type I collagen alpha 1 precursor	23336	4	1	63	2	2	1.4	0.0	0.0	0.0	1	1	1
Enkephalin precursor	30836	5	1	62	1	2	1.3	0.0	0.0	0.0	1	1	1
Hypothetical protein LOC478604 isoform 1	24946	5	1	62	2	3	2.2	0.0	0.0	0.0	1	1	1
Cd14	17800	8	1	61	1	1	0.9	0.0	0.0	0.0	1	1	1
Chain c, crystal structure of mouse neuroserpin	32371	5	1	60	1	1	0.7	0.0	0.0	0.0	1	1	1
Calsyntenin-1 isoform 1	117941	5	1	60	2	2	1.2	0.0	0.0	0.0	1	1	1
Fibrinogen A-alpha-chain	49533	6	1	60	1	1	1.2	0.0	0.0	0.0	1	1	1
Dystroglycan	104713	9	1	59	1	1	1.0	0.0	0.2	0.5	2	2	2
Unnamed protein product	10796	5	1	59	1	1	1.8	0.0	0.0	0.0	1	1	1
Beta-actin-like protein 2-like	44904	5	1	59	1	1	1.8	0.0	0.0	0.0	1	1	1
Truncated tenascin XB	31411	5	1	59	2	3	1.2	0.0	0.0	0.0	1	1	1
V-set and transmembrane domain containing 2A	29430	8	1	57	1	1	0.7	0.7	0.2	0.3	2	2	2
Golph2	48655	5	1	57	2	1	1.3	0.0	0.0	0.0	1	1	1
Immunoglobulin V lambda chain	12429	6	1	57	3	1	0.9	0.0	0.0	0.0	1	1	1
Immunoglobulin lambda light chain VLJ region	30883	8	1	56	1	2	1.0	0.1	0.2	0.3	4	4	4
Immunoglobulin light chain variable region	13688	6	1	55	1	2	1.0	0.1	0.2	0.3	4	4	4

EGF containing fibulin-like extracellular matrix protein 1	58743	5	1	55	2	2	1.5	0.0	0.0	0.0	1	1	1
Prosaas	27747	6	1	55	2	2	1.9	0.0	0.0	0.0	1	1	1
Alpha-2-antiplasmin precursor	58364	5	1	55	1	1	1.0	0.0	0.0	0.0	1	1	1
Inter-alpha-trypsin inhibitor; Haptoglobin beta chain {N-terminal}	15382	6	1	55	1	1	1.2	0.0	0.0	0.0	1	1	1
Semaphorin-7A isoform 1 preproprotein	2452	9	1	54	1	1	1.7	0.0	0.0	0.0	1	1	1
Insulin-like growth factor binding protein-6	79541	8	1	54	1	1	1.1	0.0	0.0	0.0	1	1	1
Cadherin-2; Neural cadherin;	10490	10	1	53	0	1	1.0	0.0	0.0	0.0	1	1	1
Complement C2; C3/C5 convertase	105324	5	1	53	1	2	1.3	0.0	0.0	0.0	1	1	1
Retinoic acid receptor responder protein 2	89708	7	1	52	1	1	1.0	0.0	0.0	0.0	1	1	1
Chain a, crystal structure analysis of the bovine npc2 (niemann-pick c2) protein	21276	9	1	52	1	1	1.1	0.0	0.0	0.0	1	1	1
Chain A, Crystal Structure Of A Human Igm Rheumatoid Factor Fab In Complex With Its Autoantigen igg	16756	8	1	51	1	1	1.1	0.0	0.0	0.0	1	1	1
Insulin-like growth factor-binding protein 4 precursor	26076	7	1	51	1	2	1.9	0.0	0.0	0.0	1	1	1
Fibrinogen, gamma A chain	30999	7	1	51	1	1	0.9	0.0	0.0	0.0	1	1	1
Protein disulfide isomerase	39301	6	1	50	1	2	1.2	0.0	0.0	0.0	1	1	1
Glutathione S-transferase P	64027	6	1	50	1	1	1.0	0.0	0.0	0.0	1	1	1
Cell adhesion molecule 4 precursor	25625	7	1	50	1	1	1.4	0.0	0.0	0.0	1	1	1
Complement component 3	44712	6	1	49	1	1	0.9	0.0	0.0	0.0	1	1	1
Adipsin/complement factor D	8803	5	1	49	1	1	1.2	0.0	0.0	0.0	1	1	1
Pro-neuropeptide Y	22043	6	1	49	2	2	1.3	0.0	0.0	0.0	1	1	1
Pyruvate kinase isozymes M1/M2 isoform a	9115	5	1	49	1	2	1.8	0.0	0.0	0.0	1	1	1
Immunoglobulin V lambda chain 5.1.11	63836	8	1	48	1	1	1.9	0.0	0.0	0.0	1	1	1
Immunoglobulin V lambda chain 5.1.5	11278	6	1	48	2	1	1.5	0.0	0.0	0.0	1	1	1
	11332	5	1	48	2	1	1.5	0.0	0.0	0.0	1	1	1

Igg3 heavy chain constant region	42669	8	1	47	1	1	1.2	0.0	0.0	0.0	1	1	1
Nidogen-2	158020	5	1	47	2	2	0.8	0.0	0.0	0.0	1	1	1
Ig mu heavy chain V region precursor - sheep (fragment)	15956	9	1	47	1	1	1.1	0.0	0.0	0.0	1	1	1
Thrombospondin-2 precursor	138958	5	1	47	1	2	1.0	0.0	0.0	0.0	1	1	1
Neuroendocrine protein 7B2 isoform 1	25536	6	1	47	1	3	3.0	0.0	0.0	0.0	1	1	1
SPARC-like protein 1 precursor	77718	5	1	47	1	2	1.8	0.0	0.0	0.0	1	1	1
C4b-binding protein alpha chain precursor	76307	6	1	46	1	1	1.2	0.0	0.0	0.0	1	1	1
Protein C prepropeptide	55951	6	1	46	1	1	0.8	0.0	0.0	0.0	1	1	1
Alpha globin chain	16968	9	1	46	1	2	2.2	0.0	0.0	0.0	1	1	1
Galectin 1	16381	5	1	45	2	2	1.6	0.0	0.0	0.0	1	1	1
Neuroblastoma suppressor of tumorigenicity 1 precursor	20837	5	1	45	1	2	1.6	0.0	0.0	0.0	1	1	1
Plasma glutamate carboxypeptidase precursor	55474	6	1	45	2	2	1.2	0.0	0.0	0.0	1	1	1
Aspartate aminotransferase, cytoplasmic	49640	7	1	44	2	1	1.4	0.0	0.0	0.0	1	1	1
Repulsive guidance molecule A isoform 3	53091	7	1	44	1	1	1.0	0.0	0.0	0.0	1	1	1
14-3-3 protein gamma; Protein kinase C inhibitor protein 1	30967	5	1	44	1	2	1.3	0.0	0.0	0.0	1	1	1
CD166 antigen; Activated leukocyte cell adhesion molecule; altname: Ful	64831	6	1	44	1	1	1.1	0.0	0.0	0.0	1	1	1
Serum paraoxonase/arylesterase 1	43725	6	1	43	1	1	2.6	0.0	0.0	0.0	1	1	1
Cathepsin L2 precursor	41703	7	1	43	1	1	1.0	0.0	0.0	0.0	1	1	1
Unnamed protein product	46412	5	1	43	1	1	0.5	0.0	0.0	0.0	1	1	1
Complement C4B precursor	200574	7	1	42	1	2	1.9	0.0	0.0	0.0	1	1	1
Malate dehydrogenase, cytoplasmic isoform 2	41198	7	1	42	1	1	1.2	0.0	0.0	0.0	1	1	1
Mimecan; osteoglycin	38499	5	1	42	1	1	1.1	0.0	0.0	0.0	1	1	1
Alpha-1-antiproteinase; Alpha-1-antitrypsin; Alpha-1-prot	50821	6	1	41	0	0	0.5	0.0	0.0	0.0	1	1	1
Complement component C6; Flags: Precursor	117535	6	1	41	1	2	1.2	0.0	0.0	0.0	1	1	1

Ig lambda chain C region - horse (fragment)	13899	8	1	41	1	2	1.5	0.0	0.0	0.0	1	1	1
Kininogen-1 isoform 2	53513	6	1	41	1	1	1.3	0.0	0.0	0.0	1	1	1
KIAA0578 protein	182933	6	1	39	1	1	0.8	0.0	0.0	0.0	1	1	1
Fibromodulin	44986	6	1	40	1	1	1.2	0.0	0.0	0.0	1	1	1
Neurocan core protein precursor [Pan troglodytes]	149096	5	1	40	1	1	0.7	0.0	0.0	0.0	1	1	1
Endopin 2B	51047	6	1	40	1	1	1.1	0.0	0.0	0.0	1	1	1
Complement c1r-A subcomponent precursor	86405	5	1	40	1	1	1.7	0.0	0.0	0.0	1	1	1
Lysosomal alpha-mannosidase	117756	7	1	40	1	1	1.2	0.0	0.0	0.0	1	1	1
Immunoglobulin light chain variable region	11310	6	1	40	2	2	1.5	0.0	0.0	0.0	1	1	1
Complement component 3	18508	5	1	40	1	1	1.2	0.0	0.0	0.0	1	1	1
Serum amyloid A protein	8367	6	1	40	1	1	1.2	0.0	0.0	0.0	1	1	1
Unnamed protein product	52913	5	1	40	2	1	1.0	0.0	0.0	0.0	1	1	1
Glutathione S-transferase Mu 1	28494	7	1	40	1	1	2.3	0.0	0.0	0.0	1	1	1
Coagulation factor IX	52234	5	1	40	1	1	1.0	0.0	0.0	0.0	1	1	1
Presequence protease, mitochondrial isoform 2 precursor	127532	6	1	40	1	1	0.7	0.0	0.0	0.0	1	1	1
Immunoglobulin igg-2 heavy chain constant region	46351	6	1	40	2	1	1.3	0.0	0.0	0.0	1	1	1
Secreted nidogen domain protein precursor	161194	6	1	39	2	1	1.5	0.0	0.0	0.0	1	1	1
Protein kinase C-binding protein NELL2	100049	5	1	39	2	2	1.2	0.0	0.0	0.0	1	1	1
Chain a, new crystal forms of a mu class glutathione s-transferase	28786	8	1	39	2	3	3.2	0.0	0.0	0.0	1	1	1
Fibrous sheath interacting protein 1	75849	5	1	39	0	0	0.9	0.0	0.0	0.0	1	1	1
Chain a, crystal structure of tetradeca-(3-fluorotyrosyl)-glutathione s-transferase	28109	9	1	38	1	1	2.3	0.0	0.0	0.0	1	1	1
EGF-containing fibulin-like extracellular matrix protein 2; Fibulin-4;	51861	5	1	38	1	1	1.2	0.0	0.0	0.0	1	1	1
Complement component C7 precursor	103094	6	1	38	1	1	1.2	0.0	0.0	0.0	1	1	1

Secretogranin-2 precursor	76942	5	1	38	1	2	1.1	0.0	0.0	0.0	1	1	1
Complement C8 beta	17458	8	1	38	1	1	0.9	0.0	0.0	0.0	1	1	1
Histone deacetylase 7	28292	10	1	38	5	2	0.9	0.0	0.0	0.0	1	1	1
Complement factor B subunit Bb - pig (fragment)	21793	6	1	38	1	2	1.5	0.0	0.0	0.0	1	1	1
Nuclear factor of activated T-cells, cytoplasmic 2 isoform C	105863	7	1	38	1	2	0.4	0.0	0.0	0.0	1	1	1
Fibrobleukin	55998	8	1	38	2	2	1.4	0.0	0.0	0.0	1	1	1
Fibulin-5 precursor	52687	5	1	38	2	2	1.3	0.0	0.0	0.0	1	1	1
Ig lambda chain V region Precursor polypeptide (AA -19 to 206)	12660	9	1	38	1	1	1.1	0.0	0.0	0.0	1	1	1
	28103	6	1	38	1	1	1.4	0.0	0.0	0.0	1	1	1

Molecular weight (MW) is predicted based on amino acid sequence.

Analysis Information

Report Type	Protein-Peptide Summary by Sample Set	Analysis Type	MS/MS
Sample Set Name	iTRAQ Sept11	Database	NewNCBIInr
Analysis Name	95% CI pep rank1 NCBIInr	Creation Date	10/31/2011 11:18:48
Reported By	11/01/2011 10:22:25 - admin	Last Modified	10/31/2011 20:00:34
MS Acq. : Proc. Methods	(Unspecified) : (Unspecified)		
Interpretation Method	(Unspecified)		

Rank	Protein Name	Accession No.	Protein MW	Pep. Count	Total Ion Score	Avg. iTRAQ Ratio 114/117*	Avg. iTRAQ Ratio 115/117*	Avg. iTRAQ Ratio 116/117*	iTRAQ SDev. 114/117*	iTRAQ SDev. 115/117*	iTRAQ SDev. 116/117*	iTRAQ Peptides 114/117	iTRAQ Peptides 115/117	iTRAQ Peptides 116/117	Total Ion C. I. %
1	serum albumin precursor [Ovis aries]	gij57164373	79687.2	43	2879	0.989	1.113	0.950	0.493	0.470	0.244	147	147	147	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1035.5922	1035.6558	0.0636	61	198	204	42	98.234	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[3]	[2]	F4 and F13	954/946	1.053	1.023	0.723	1	Mascot
1057.5802	1057.526	-0.0542	-51	161	167	38	95.236	(N-term)_iTRAQ[0]	[5]	F5 and F10	306/298	1.030	0.974	0.931	1	Mascot
1077.6765	1077.7052	0.0287	27	257	263	41	97.756	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	933/925	0.891	1.154	0.967	1	Mascot
1077.6765	1077.7075	0.031	29	257	263	38	95.502	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	239/231	0.953	0.896	0.896	1	Mascot
1092.6147	1092.543	-0.0717	-66	562	568	42	98.146	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5]	F5 and F10	112/104	0.764	0.800	0.720	1	Mascot
1125.6401	1125.5978	-0.0423	-38	69	75	41	97.505	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5]	F5 and F10	272/264	0.472	0.892	0.887	1	Mascot
1125.6401	1125.6044	-0.0357	-32	69	75	38	95.091	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[3]	F14,15,16 and F6	165/157	0.957	1.144	0.940	1	Mascot
1125.6401	1125.6508	0.0107	10	69	75	39	96.028	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	135/127	0.839	0.903	0.877	1	Mascot
1125.6401	1125.6527	0.0126	11	69	75	39	96.436	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	186/178	0.889	0.993	1.017	1	Mascot
1125.6401	1125.6742	0.0341	30	69	75	38	95.258	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	933/925	0.771	0.835	0.806	1	Mascot
1174.6201	1174.5458	-0.0743	-63	131	138	39	96.285	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	177/169	0.622	0.702	0.788	1	Mascot
1175.6508	1175.6292	-0.0216	-18	483	489	41	97.477	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[1]	F8 061011	283/275	0.990	0.972	0.967	1	Mascot
1175.6508	1175.6975	0.0467	40	483	489	40	97.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[7]	F12 and F9 and F7 attempt 2	1293/1285	1.301	1.047	0.748	1	Mascot
1184.6409	1184.5986	-0.0423	-36	249	256	59	99.965	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	221/213	0.738	0.739	0.790	1	Mascot
1184.6409	1184.6216	-0.0193	-16	249	256	56	99.92	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	1095/1087	0.713	0.874	0.783	1	Mascot
1184.6409	1184.6884	0.0475	40	249	256	45	99.082	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	910/902	0.872	0.985	0.689	1	Mascot
1216.5933	1216.5546	-0.0387	-32	414	420	40	97.296	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[5]	F5 and F10	333/325	0.707	1.393	1.199	1	Mascot
1216.5933	1216.605	0.0117	10	414	420	38	95.645	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[2]	F4 and F13	188/180	1.316	1.285	1.000	1	Mascot
1216.5933	1216.6311	0.0378	31	414	420	38	95.158	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[2]	F4 and F13	477/469	1.493	1.661	1.358	1	Mascot
1216.5933	1216.6392	0.0459	38	414	420	38	95.113	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[3]	F14,15,16 and F6	964/956	1.233	1.272	1.089	1	Mascot
1216.5933	1216.6566	0.0633	52	414	420	43	98.476	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[2]	F4 and F13	964/956	1.280	1.295	1.133	1	Mascot
1260.5291	1260.5676	0.0385	31	499	507	43	98.581	(N-term)_iTRAQ[0], MMTS (C)[1,2]	[4]	F11 and F3	1071/1063	1.992	2.408	1.293	1	Mascot
1302.8242	1302.7657	-0.0585	-45	549	557	44	98.958	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[3]	F14,15,16 and F6	226/218	1.249	2.368	1.376	1	Mascot
1302.8242	1302.7715	-0.0527	-40	549	557	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5]	F5 and F10	409/401	1.135	1.403	0.860	1	Mascot

1302.8242	1302.8359	0.0117	9	549	557	QTALVELLK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1149/1141	1.196	1.443	0.987	1 Mascot
1302.8242	1302.8368	0.0126	10	549	557	QTALVELLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	235/227	0.663	1.379	1.131	1 Mascot
1302.8242	1302.8618	0.0376	29	549	557	QTALVELLK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	995/987	0.751	1.218	1.051	1 Mascot
1335.6627	1335.6188	-0.0439	-33	310	318	SHCIAEVDK	65	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[3]	[1] F8 061011	216/208	0.960	1.116	0.923	1 Mascot
1338.6526	1338.6294	-0.0232	-17	123	130	NECFLNHK	57	99.948	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[3]	[1] F8 061011	257/249	0.935	0.980	0.912	1 Mascot
1412.7145	1412.7344	0.0199	14	588	597	EGCFVLEGPK	59	99.962	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[3]	[2] F4 and F13	217/209	0.761	0.660	0.721	1 Mascot
1412.7145	1412.757	0.0425	30	588	597	EGCFVLEGPK	59	99.961	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[3]	[2] F4 and F13	985/977	0.784	0.952	0.841	1 Mascot
1427.8131	1427.851	0.0379	27	361	371	HPEYAVSVLLR	41	97.693	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	902/894	0.682	0.665	0.694	1 Mascot
1488.7906	1488.8635	0.0729	49	413	420	KNCELFEK	45	99.125	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,8], MMTS (C)[3]	[7] F12 and F9 and F7 attempt 2	923/915	0.767	0.779	0.859	1 Mascot
1488.7906	1488.8796	0.089	60	413	420	KNCELFEK	42	98.138	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,8], MMTS (C)[3]	[7] F12 and F9 and F7 attempt 2	971/963	0.728	0.912	0.869	1 Mascot
1575.0216	1574.9834	-0.0382	-24	548	557	KQTALVELLK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[8] F2	375/367	1.065	1.281	1.002	1 Mascot
1575.0216	1575.0242	0.0026	2	548	557	KQTALVELLK	62	99.981	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[1] F8 061011	365/357	0.570	1.183	1.125	1 Mascot
1575.0216	1575.1365	0.1149	73	548	557	KQTALVELLK	57	99.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[7] F12 and F9 and F7 attempt 2	1362/1354	0.912	0.993	0.968	1 Mascot
1593.921	1593.8564	-0.0646	-41	402	412	HLVDEPQNLIK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	174/166	1.536	1.441	0.941	1 Mascot
1593.921	1593.8634	-0.0576	-36	402	412	HLVDEPQNLIK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[8] F2	306/298	0.873	0.928	0.888	1 Mascot
1593.921	1593.975	0.054	34	402	412	HLVDEPQNLIK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	821/813	1.128	0.994	0.937	1 Mascot
1593.921	1593.9929	0.0719	45	402	412	HLVDEPQNLIK	54	99.879	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1293/1285	0.851	0.864	0.846	1 Mascot
1593.921	1594.0195	0.0985	62	402	412	HLVDEPQNLIK	62	99.983	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	912/904	1.204	1.723	1.246	1 Mascot
1609.99	1610.0524	0.0624	39	66	75	LVKELTEFAK	40	97.29	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,1 0]	[7] F12 and F9 and F7 attempt 2	1405/1397	0.894	1.263	0.966	1 Mascot
1641.9296	1641.8838	-0.0458	-28	438	451	APQVSTPTLVEISR	65	99.99	(N-term)_iTRAQ[0]	[8] F2	352/344	0.666	0.756	0.734	1 Mascot
1647.8727	1647.8531	-0.0196	-12	421	433	HGEYGFQNALIVR	60	99.974	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	203/195	0.917	1.114	0.986	1 Mascot
1647.8727	1647.8931	0.0204	12	421	433	HGEYGFQNALIVR	45	99.06	(N-term)_iTRAQ[0]	[4] F11 and F3	1100/1092	1.575	1.505	1.070	1 Mascot
1647.8727	1647.9025	0.0298	18	421	433	HGEYGFQNALIVR	58	99.957	(N-term)_iTRAQ[0]	[5] F5 and F10	1227/1219	1.821	2.149	1.349	1 Mascot
1647.8727	1647.9867	0.114	69	421	433	HGEYGFQNALIVR	59	99.967	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	867/859	1.046	0.896	0.933	1 Mascot
1687.8225	1687.7981	-0.0244	-14	300	309	ECCDKPVLEK	48	99.499	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[5,1 0], MMTS (C)[2,3]	[1] F8 061011	296/288	0.704	0.888	1.066	1 Mascot
1687.8225	1687.8889	0.0664	39	300	309	ECCDKPVLEK	49	99.67	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[5,1 0], MMTS (C)[2,3]	[7] F12 and F9 and F7 attempt 2	1306/1298	0.897	0.911	0.842	1 Mascot
1687.8975	1687.8418	-0.0557	-33	569	580	TVMENFVAFVDK	100	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	512/504	1.113	1.245	0.975	1 Mascot
1687.8975	1687.8925	-0.005	-3	569	580	TVMENFVAFVDK	67	99.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[1] F8 061011	501/493	0.506	1.255	0.753	1 Mascot
1687.8975	1687.9059	0.0084	5	569	580	TVMENFVAFVDK	47	99.392	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1231/1223	0.887	1.062	0.891	1 Mascot
1687.8975	1687.9149	0.0174	10	569	580	TVMENFVAFVDK	90	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	1382/1374	1.453	1.560	0.727	1 Mascot
1687.8975	1687.9182	0.0207	12	569	580	TVMENFVAFVDK	102	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13	348/340	0.914	1.109	0.881	1 Mascot
1687.8975	1687.9308	0.0333	20	569	580	TVMENFVAFVDK	107	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1272/1264	1.120	1.121	0.952	1 Mascot
1687.8975	1687.9449	0.0474	28	569	580	TVMENFVAFVDK	49	99.662	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[3] F14,15,16 and F6	1048/1040	1.092	0.966	1.058	1 Mascot
1687.8975	1687.9557	0.0582	34	569	580	TVMENFVAFVDK	46	99.272	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13	1031/1023	1.939	1.118	2.089	1 Mascot
1687.8975	1687.9612	0.0637	38	569	580	TVMENFVAFVDK	53	99.852	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[7] F12 and F9 and F7 attempt 2	1084/1076	1.666	1.429	1.798	1 Mascot
1696.8629	1696.818	-0.0449	-26	89	100	SLHTLFGDELCK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[11]	[3] F14,15,16 and F6	236/228	0.515	0.534	0.670	1 Mascot
1696.8629	1696.8333	-0.0296	-17	89	100	SLHTLFGDELCK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[11]	[1] F8 061011	432/424	0.417	0.545	0.730	1 Mascot
1696.8629	1696.8533	-0.0096	-6	89	100	SLHTLFGDELCK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12],	[4] F11 and F3	360/352	0.533	0.549	0.628	1 Mascot

1696.8629	1696.8579	-0.005	-3	89	100	SLHTLFGDELCK	45	99.002	MMTS (C)[11] (N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[1] F8 061011	467/459	0.333	0.594	0.650	1	Mascot
1696.8629	1696.8772	0.0143	8	89	100	SLHTLFGDELCK	90	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[5] F5 and F10	1298/1290	1.501	2.002	1.278	1	Mascot
1696.8629	1696.8954	0.0325	19	89	100	SLHTLFGDELCK	90	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[2] F4 and F13	268/260	0.740	1.016	1.053	1	Mascot
1696.8629	1696.897	0.0341	20	89	100	SLHTLFGDELCK	58	99.959	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[2] F4 and F13	395/387	1.702	1.957	2.371	1	Mascot
1696.8629	1696.9061	0.0432	25	89	100	SLHTLFGDELCK	92	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[4] F11 and F3	959/951	0.444	0.630	0.658	1	Mascot
1696.8629	1696.9149	0.052	31	89	100	SLHTLFGDELCK	79	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[7] F12 and F9 and F7 attempt 2	1045/1037	1.127	1.204	1.089	1	Mascot
1696.8629	1696.9293	0.0664	39	89	100	SLHTLFGDELCK	95	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[3] F14,15,16 and F6	963/955	0.565	0.588	0.718	1	Mascot
1696.8629	1696.9674	0.1045	62	89	100	SLHTLFGDELCK	56	99.92	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[11]	[7] F12 and F9 and F7 attempt 2	1428/1420	0.293	0.582	0.761	1	Mascot
1703.8925	1703.8389	-0.0536	-31	569	580	TVMENFVAFVDK	65	99.991	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], Oxidation (M)[3]	[5] F5 and F10	512/504	0.947	0.682	0.857	1	Mascot
1703.8925	1703.9235	0.031	18	569	580	TVMENFVAFVDK	60	99.973	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], Oxidation (M)[3]	[4] F11 and F3	1324/1316	0.981	1.153	0.881	1	Mascot
1703.8925	1703.9277	0.0352	21	569	580	TVMENFVAFVDK	72	99.998	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], Oxidation (M)[3]	[4] F11 and F3	1162/1154	1.040	1.306	1.265	1	Mascot
1713.8167	1713.7355	-0.0812	-47	286	297	YICDHQDALSSK	56	99.925	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[1] F8 061011	263/255	1.856	1.835	1.293	1	Mascot
1713.8167	1713.7618	-0.0549	-32	286	297	YICDHQDALSSK	64	99.988	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[8] F2	300/292	0.598	0.783	0.774	1	Mascot
1713.8167	1713.7625	-0.0542	-32	286	297	YICDHQDALSSK	82	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[3] F14,15,16 and F6	170/162	0.750	0.756	0.775	1	Mascot
1713.8167	1713.7683	-0.0484	-28	286	297	YICDHQDALSSK	77	99.999	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[4] F11 and F3	212/204	0.976	1.094	0.818	1	Mascot
1713.8167	1713.771	-0.0457	-27	286	297	YICDHQDALSSK	70	99.997	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[1] F8 061011	272/264	0.596	0.815	0.827	1	Mascot
1713.8167	1713.8224	0.0057	3	286	297	YICDHQDALSSK	66	99.992	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[5] F5 and F10	1139/1131	1.128	1.501	0.763	1	Mascot
1713.8167	1713.8513	0.0346	20	286	297	YICDHQDALSSK	79	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[5] F5 and F10	1165/1157	1.397	1.609	1.181	1	Mascot
1713.8167	1713.8605	0.0438	26	286	297	YICDHQDALSSK	81	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[3] F14,15,16 and F6	811/803	0.839	0.761	0.818	1	Mascot
1713.8167	1713.8965	0.0798	47	286	297	YICDHQDALSSK	46	99.302	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[7] F12 and F9 and F7 attempt 2	1287/1279	0.563	0.829	0.901	1	Mascot
1713.8167	1713.9012	0.0845	49	286	297	YICDHQDALSSK	62	99.984	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[3]	[7] F12 and F9 and F7 attempt 2	917/909	1.249	1.693	1.438	1	Mascot
1715.7069	1715.6229	-0.084	-49	76	88	TCVADESHAGCDK	91	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[5] F5 and F10	234/226	1.468	1.953	1.384	1	Mascot
1715.7069	1715.6355	-0.0714	-42	76	88	TCVADESHAGCDK	99	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[8] F2	240/232	0.910	1.195	0.815	1	Mascot
1715.7069	1715.6476	-0.0593	-35	76	88	TCVADESHAGCDK	104	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[1] F8 061011	220/212	1.117	1.293	1.153	1	Mascot
1715.7069	1715.6571	-0.0498	-29	76	88	TCVADESHAGCDK	79	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[3] F14,15,16 and F6	140/132	1.503	1.461	0.913	1	Mascot
1715.7069	1715.7609	0.054	31	76	88	TCVADESHAGCDK	101	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[3] F14,15,16 and F6	761/753	1.157	1.099	0.900	1	Mascot
1715.7069	1715.7878	0.0809	47	76	88	TCVADESHAGCDK	72	99.998	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[13], MMTS (C)[2,11]	[7] F12 and F9 and F7 attempt 2	1238/1230	1.064	1.113	0.939	1	Mascot
1739.8765	1739.8195	-0.057	-33	347	359	DVFLGSFLYEYSR	86	100	(N-term)_ITRAQ[0]	[8] F2	528/520	0.723	0.723	0.784	1	Mascot
1739.8765	1739.8373	-0.0392	-23	347	359	DVFLGSFLYEYSR	69	99.997	(N-term)_ITRAQ[0]	[5] F5 and F10	539/531	1.208	1.740	1.228	1	Mascot
1744.6569	1744.5756	-0.0813	-47	106	117	ETYGDMADCCCK	81	100	(N-term)_ITRAQ[0], Lysine(K)_ITRAQ[12], MMTS (C)[9,10]	[5] F5 and F10	372/364	0.601	0.935	0.924	1	Mascot

1744.6569	1744.6769	0.02	11	106	117	ETYGDMADCCEK	85	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[2] F4 and F13	188/180	0.564	1.022	0.953	1 Mascot
1744.6569	1744.6855	0.0286	16	106	117	ETYGDMADCCEK	50	99.723	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1076/1068	1.209	1.073	0.938	1 Mascot
1744.6569	1744.6956	0.0387	22	106	117	ETYGDMADCCEK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1110/1102	0.855	0.800	0.763	1 Mascot
1744.6569	1744.717	0.0601	34	106	117	ETYGDMADCCEK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[2] F4 and F13	975/967	0.542	1.061	0.868	1 Mascot
1744.6569	1744.7797	0.1228	70	106	117	ETYGDMADCCEK	38	95.793	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[7] F12 and F9 and F7 attempt 2	1368/1360	1.180	1.412	0.907	1 Mascot
1754.7317	1754.6647	-0.067	-38	375	386	EYEATLEDCCA	81	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[5] F5 and F10	434/426	1.193	1.237	0.787	1 Mascot
1754.7317	1754.7434	0.0117	7	375	386	EYEATLEDCCA	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1181/1173	1.263	1.219	0.852	1 Mascot
1754.7317	1754.7574	0.0257	15	375	386	EYEATLEDCCA	86	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[2] F4 and F13	265/257	1.329	1.220	0.758	1 Mascot
1754.7317	1754.8008	0.0691	39	375	386	EYEATLEDCCA	39	96.361	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[3] F14,15,16 and F6	961/953	1.224	1.824	1.030	1 Mascot
1754.7317	1754.8232	0.0915	52	375	386	EYEATLEDCCA	48	99.572	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1258/1250	1.016	1.115	0.660	1 Mascot
1760.6517	1760.6782	0.0265	15	106	117	ETYGDMADCCEK	53	99.845	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10], Oxidation (M)[6]	[2] F4 and F13	186/178	0.721	0.962	0.833	1 Mascot
1760.6517	1760.6796	0.0279	16	106	117	ETYGDMADCCEK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10], Oxidation (M)[6]	[4] F11 and F3	1030/1022	0.965	0.949	0.867	1 Mascot
1829.8429	1829.7992	-0.0437	-24	387	399	EDPHACYATVFDK	44	98.962	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[6]	[4] F11 and F3	278/270	1.101	0.923	1.044	1 Mascot
1829.8429	1829.8104	-0.0325	-18	387	399	EDPHACYATVFDK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[6]	[3] F14,15,16 and F6	200/192	1.058	0.737	0.680	1 Mascot
1829.8429	1829.8975	0.0546	30	387	399	EDPHACYATVFDK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[6]	[3] F14,15,16 and F6	879/871	1.304	1.103	0.679	1 Mascot
1829.8429	1829.9292	0.0863	47	387	399	EDPHACYATVFDK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[6]	[7] F12 and F9 and F7 attempt 2	975/967	1.498	1.988	0.928	1 Mascot
1857.9014	1857.882	-0.0194	-10	469	482	MPCTEDYLSLILNR	76	99.999	(N-term)_iTRAQ[0], MMTS (C)[3]	[8] F2	558/550	0.855	0.856	0.879	1 Mascot
1860.6581	1860.5664	-0.0917	-49	267	280	ECCHGDILLECADDR	92	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	474/466	1.263	1.107	0.804	1 Mascot
1860.6581	1860.6014	-0.0567	-30	267	280	ECCHGDILLECADDR	52	99.839	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	221/213	0.796	1.173	0.796	1 Mascot
1860.6581	1860.6028	-0.0553	-30	267	280	ECCHGDILLECADDR	81	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	407/399	1.372	1.168	1.163	1 Mascot
1860.6581	1860.6277	-0.0304	-16	267	280	ECCHGDILLECADDR	55	99.916	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[4] F11 and F3	329/321	3.021	1.621	1.794	1 Mascot
1860.6581	1860.6558	-0.0023	-1	267	280	ECCHGDILLECADDR	53	99.854	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[1] F8 061011	400/392	1.452	1.453	1.660	1 Mascot
1860.6581	1860.7362	0.0781	42	267	280	ECCHGDILLECADDR	44	98.798	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	1264/1256	1.608	2.083	1.057	1 Mascot
1860.6581	1860.74	0.0819	44	267	280	ECCHGDILLECADDR	79	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	930/922	1.021	1.161	1.116	1 Mascot
1866.1184	1866.0886	-0.0298	-16	402	413	HLVDEPQNLIK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11, 12]	[5] F5 and F10	1151/1143	1.080	1.402	0.894	1 Mascot
1873.8964	1873.8337	-0.0627	-33	469	482	MPCTEDYLSLILNR	48	99.537	(N-term)_iTRAQ[0], MMTS (C)[3], Oxidation (M)[1]	[8] F2	525/517	0.752	0.937	0.819	1 Mascot
1914.127	1914.0345	-0.0925	-48	437	451	KAPQVSTPTLVEISR	58	99.954	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[5] F5 and F10	316/308	1.282	1.017	1.003	1 Mascot
1914.127	1914.0424	-0.0846	-44	437	451	KAPQVSTPTLVEISR	48	99.503	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[4] F11 and F3	239/231	0.866	0.990	0.889	1 Mascot
1914.127	1914.0715	-0.0555	-29	437	451	KAPQVSTPTLVEISR	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[3] F14,15,16 and F6	184/176	0.831	0.937	0.889	1 Mascot
1914.127	1914.2155	0.0885	46	437	451	KAPQVSTPTLVEISR	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[3] F14,15,16 and F6	833/825	1.073	0.930	1.216	1 Mascot
1969.0491	1968.9862	-0.0629	-32	139	151	LKPEPDTLCAEFK	57	99.945	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 3], MMTS (C)[9]	[3] F14,15,16 and F6	230/222	1.025	1.108	0.958	1 Mascot
1969.0491	1968.9873	-0.0618	-31	139	151	LKPEPDTLCAEFK	53	99.843	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 3], MMTS (C)[9]	[4] F11 and F3	347/339	0.799	0.931	0.875	1 Mascot
1969.0491	1969.0894	0.0403	20	139	151	LKPEPDTLCAEFK	46	99.336	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1	[4] F11 and F3	959/951	0.966	0.935	1.158	1 Mascot

1969.0491	1969.1301	0.081	41	139	151	LKPEPDTLCAEFK	69	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,13], MMTS (C)[9]	[3] F14,15,16 and F6	947/939	1.047	0.910	0.908	1	Mascot
1977.9502	1977.8756	-0.0746	-38	118	130	QEPERNECFLNHK	43	98.411	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[8]	[4] F11 and F3	179/171	0.880	0.897	1.109	1	Mascot
1977.9502	1977.9659	0.0157	8	118	130	QEPERNECFLNHK	46	99.336	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[8]	[5] F5 and F10	1132/1124	1.049	1.105	1.025	1	Mascot
2013.8386	2013.8367	-0.0019	-1	184	197	YNGVFQECCQAEDK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1229/1221	2.242	2.031	0.895	1	Mascot
2013.8386	2013.8453	0.0067	3	184	197	YNGVFQECCQAEDK	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1288/1280	2.093	1.654	0.932	1	Mascot
2013.8386	2013.8861	0.0475	24	184	197	YNGVFQECCQAEDK	59	99.968	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1214/1206	1.826	1.527	1.043	1	Mascot
2013.8386	2013.9429	0.1043	52	184	197	YNGVFQECCQAEDK	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1257/1249	1.930	1.969	0.998	1	Mascot
2073.104	2073.1514	0.0474	23	298	309	LKECCDKPVLEK	59	99.961	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,7,12], MMTS (C)[4,5]	[5] F5 and F10	1226/1218	1.084	1.054	0.971	1	Mascot
2177.1318	2177.0769	-0.0549	-25	169	183	HPYFYAPPELLYYANK	99	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	480/472	0.566	0.661	0.736	1	Mascot
2177.1318	2177.1179	-0.0139	-6	169	183	HPYFYAPPELLYYANK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	1349/1341	0.465	0.762	0.976	1	Mascot
2177.1318	2177.2087	0.0769	35	169	183	HPYFYAPPELLYYANK	40	97.214	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[3] F14,15,16 and F6	1019/1011	0.811	0.811	1.058	1	Mascot
2219.0745	2219.0034	-0.0711	-32	529	544	FFTFHADICTLPDTEK	105	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[9]	[5] F5 and F10	514/506	0.705	1.027	0.870	1	Mascot
2219.0745	2219.0742	-0.0003	0	529	544	FFTFHADICTLPDTEK	88	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[9]	[3] F14,15,16 and F6	262/254	0.844	1.077	0.823	1	Mascot
2219.0745	2219.1094	0.0349	16	529	544	FFTFHADICTLPDTEK	69	99.996	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[9]	[2] F4 and F13	347/339	0.856	1.004	1.010	1	Mascot
2219.0745	2219.1414	0.0669	30	529	544	FFTFHADICTLPDTEK	49	99.648	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[9]	[2] F4 and F13	438/430	1.072	1.012	1.062	1	Mascot
2219.0745	2219.1494	0.0749	34	529	544	FFTFHADICTLPDTEK	46	99.305	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[9]	[2] F4 and F13	1030/1022	0.987	1.128	0.653	1	Mascot
2350.1523	2350.1499	-0.0024	-1	123	138	NECFLNHKDDSPDLPK	47	99.381	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8,16], MMTS (C)[3]	[5] F5 and F10	1194/1186	0.690	0.621	0.812	1	Mascot
2355.03	2354.9087	-0.1213	-52	581	597	CCAADDKEGCFVLEGPK	84	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,17], MMTS (C)[1,2,10]	[5] F5 and F10	474/466	2.389	2.697	1.331	1	Mascot
2355.03	2354.9375	-0.0925	-39	581	597	CCAADDKEGCFVLEGPK	90	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,17], MMTS (C)[1,2,10]	[5] F5 and F10	436/428	2.489	2.259	1.224	1	Mascot
2355.03	2355.052	0.022	9	581	597	CCAADDKEGCFVLEGPK	103	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,17], MMTS (C)[1,2,10]	[5] F5 and F10	1297/1289	3.319	3.761	1.524	1	Mascot
2355.03	2355.1267	0.0967	41	581	597	CCAADDKEGCFVLEGPK	52	99.817	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,17], MMTS (C)[1,2,10]	[3] F14,15,16 and F6	968/960	1.476	2.779	1.087	1	Mascot
2503.0405	2502.9846	-0.0559	-22	267	285	ECCHGDLLECAADDRADLAK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19], MMTS (C)[2,3,10]	[8] F2	420/412	1.456	1.205	0.971	1	Mascot

2 RecName: Full=Serotransferrin; Short=Transferrin; gi|2501351 88816.9 20 1321 0.951 0.901 0.884 0.438 0.379 0.333 36 36 36 100
AltName: Full=Beta-1 metal-binding globulin; AltN

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1023.6084	1023.5566	-0.0518	-51	554	560	GDVAFVK	42	98.313	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	228/220	0.809	0.707	0.738	1	Mascot
1140.6146	1140.5513	-0.0633	-55	320	327	DSADGFLK	49	99.679	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	248/240	0.845	0.890	1.037	1	Mascot
1140.6146	1140.6289	0.0143	13	320	327	DSADGFLK	40	96.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	1119/1111	0.394	0.629	0.385	1	Mascot
1207.766	1207.7739	0.0079	7	448	456	GYLAVAVVK	61	99.976	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1081/1073	0.761	0.721	0.777	1	Mascot
1215.593	1215.6121	0.0191	16	188	195	LCQLCAGK	58	99.95	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[2,5]	[2] F4 and F13	267/259	2.625	2.161	1.404	1	Mascot
1241.6075	1241.6476	0.0401	32	540	548	YYGYTGAFR	38	95.945	(N-term)_iTRAQ[0]	[4] F11 and F3	1063/1055	1.179	1.029	1.001	1	Mascot
1268.6028	1268.5626	-0.0402	-32	61	68	TSHMDCIK	55	99.914	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[6]	[1] F8 061011	220/212	0.912	0.857	0.783	1	Mascot

1455.7563	1455.6851	-0.0712	-49	156	166	ELPDPQESIQR	39	96.643	(N-term)_iTRAQ[0]	[5] F5 and F10	256/248	0.895	0.941	0.940	1 Mascot
1455.7563	1455.7013	-0.055	-38	156	166	ELPDPQESIQR	40	96.83	(N-term)_iTRAQ[0]	[8] F2	265/257	0.997	0.872	0.859	1 Mascot
1455.7563	1455.8163	0.06	41	156	166	ELPDPQESIQR	46	99.277	(N-term)_iTRAQ[0]	[4] F11 and F3	1006/998	0.869	0.816	0.942	1 Mascot
1492.7883	1492.7474	-0.0409	-27	695	704	LLEACTFHKP	51	99.757	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[5]	[3] F14,15,16 and F6	231/223	1.564	1.614	1.149	1 Mascot
1492.7883	1492.7501	-0.0382	-26	695	704	LLEACTFHKP	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[5]	[4] F11 and F3	348/340	1.019	1.067	1.175	1 Mascot
1492.7883	1492.8335	0.0452	30	695	704	LLEACTFHKP	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[5]	[3] F14,15,16 and F6	939/931	1.273	1.133	1.035	1 Mascot
1556.7952	1556.6943	-0.1009	-65	60	68	KTSHMDCIK	49	99.634	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,9], MMTS (C)[7], Oxidation (M)[5]	[6] F12 and F9 and F7	161/153	1.208	1.128	1.012	1 Mascot
1610.7458	1610.7025	-0.0433	-27	671	682	TYDSYLGDDYVR	89	100	(N-term)_iTRAQ[0]	[8] F2	333/325	1.288	1.129	1.053	1 Mascot
1610.7458	1610.7777	0.0319	20	671	682	TYDSYLGDDYVR	67	99.994	(N-term)_iTRAQ[0]	[4] F11 and F3	1076/1068	1.262	1.063	1.189	1 Mascot
1610.7458	1610.7975	0.0517	32	671	682	TYDSYLGDDYVR	43	98.493	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	853/845	1.543	1.609	1.498	1 Mascot
1623.785	1623.8906	0.1056	65	27	37	WCTISTHEANK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[2]	[7] F12 and F9 and F7 attempt 2	1324/1316	0.933	0.861	0.906	1 Mascot
1639.8778	1639.9443	0.0665	41	424	435	CGLVPVLAENYK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1]	[4] F11 and F3	1207/1199	2.141	1.164	0.439	1 Mascot
1839.0084	1839.0402	0.0318	17	480	493	TAGWNIPMGLLYSK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4] F11 and F3	1256/1248	1.561	1.633	1.284	1 Mascot
1882.9432	1882.8854	-0.0578	-31	670	682	KTYDSYLGDDYVR	55	99.91	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[8] F2	311/303	0.918	0.787	1.095	1 Mascot
1882.9432	1883.0215	0.0783	42	670	682	KTYDSYLGDDYVR	40	97.156	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[7] F12 and F9 and F7 attempt 2	1302/1294	0.932	0.881	0.971	1 Mascot
1893.0116	1892.9187	-0.0929	-49	107	120	DNPQTHYYAVAVVK	54	99.894	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	256/248	0.870	0.549	0.791	1 Mascot
1893.0116	1892.9353	-0.0763	-40	107	120	DNPQTHYYAVAVVK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	306/298	0.696	0.632	1.051	1 Mascot
1893.0116	1892.9382	-0.0734	-39	107	120	DNPQTHYYAVAVVK	121	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	282/274	0.740	0.686	0.761	1 Mascot
1893.0116	1892.9613	-0.0503	-27	107	120	DNPQTHYYAVAVVK	40	96.816	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	303/295	0.695	0.390	0.666	1 Mascot
1893.0116	1892.9622	-0.0494	-26	107	120	DNPQTHYYAVAVVK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[1] F8 061011	269/261	1.034	1.017	0.774	1 Mascot
1893.0116	1893.058	0.0464	25	107	120	DNPQTHYYAVAVVK	118	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[3] F14,15,16 and F6	803/795	0.459	0.696	0.905	1 Mascot
1893.0116	1893.074	0.0624	33	107	120	DNPQTHYYAVAVVK	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	1153/1145	0.746	0.829	1.022	1 Mascot
2004.1012	2004.0406	-0.0606	-30	153	166	LYKELPDPQESIQR	58	99.951	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3]	[5] F5 and F10	326/318	1.212	1.390	1.210	1 Mascot
2004.1012	2004.1591	0.0579	29	153	166	LYKELPDPQESIQR	41	97.901	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3]	[3] F14,15,16 and F6	853/845	0.903	1.258	0.855	1 Mascot
2119.0627	2118.9917	-0.071	-34	406	423	GEADAMSLDGGYLYIAG K	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[5] F5 and F10	427/419	0.805	0.891	0.843	1 Mascot
2119.0627	2119.0623	-0.0004	0	406	423	GEADAMSLDGGYLYIAG K	78	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[4] F11 and F3	1175/1167	0.625	0.597	0.749	1 Mascot
2190.168	2190.1929	0.0249	11	300	314	DKPDNFQFLQSPHGK	110	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 5]	[5] F5 and F10	1176/1168	0.560	0.619	0.817	1 Mascot
2353.2188	2353.2102	-0.0086	-4	283	299	EDVIWELLNHAQEHFGK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[1] F8 061011	537/529	0.700	0.746	0.854	1 Mascot
2635.3845	2635.2712	-0.1133	-43	403	423	IMKGEADAMSLDGGYLYI AGK	54	99.894	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,2 1]	[5] F5 and F10	446/438	0.926	0.583	0.316	1 Mascot

3 RecName: Full=Serum albumin; AltName: Full=BSA; gi|1351907 79648.2 18 1217 0.953 1.101 0.949 0.568 0.477 0.309 70 70 70 100
AltName: Allergen=Bos d 6; Flags: Precursor

Protein Group

serum albumin precursor [Bos taurus] gi|30794280 79678.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1035.5922	1035.6558	0.0636	61	198	204	GACLLPK	42	98.234	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[3]	[2] F4 and F13	954/946	1.053	1.023	0.723	1	Mascot
1077.6765	1077.7052	0.0287	27	257	263	LVTDLTK	41	97.756	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	933/925	0.891	1.154	0.967	1	Mascot
1077.6765	1077.7075	0.031	29	257	263	LVTDLTK	38	95.502	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	239/231	0.953	0.896	0.896	1	Mascot
1174.6201	1174.5458	-0.0743	-63	131	138	DDSPDLPK	39	96.285	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	177/169	0.622	0.702	0.788	1	Mascot
1175.6508	1175.6292	-0.0216	-18	483	489	LCVLHEK	41	97.477	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[1] F8 061011	283/275	0.990	0.972	0.967	1	Mascot

1175.6508	1175.6975	0.0467	40	483	489	LCVLHEK	40	97.109	MMTS (C)[2] (N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[7] F12 and F9 and F7 attempt 2	1293/1285	1.301	1.047	0.748	1 Mascot
1260.5291	1260.5676	0.0385	31	499	507	CCTESLVNR	43	98.581	(N-term)_iTRAQ[0], MMTS (C)[1,2]	[4] F11 and F3	1071/1063	1.992	2.408	1.293	1 Mascot
1302.8242	1302.7657	-0.0585	-45	549	557	QTALVELLK	44	98.958	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[3] F14,15,16 and F6	226/218	1.249	2.368	1.376	1 Mascot
1302.8242	1302.7715	-0.0527	-40	549	557	QTALVELLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5] F5 and F10	409/401	1.135	1.403	0.860	1 Mascot
1302.8242	1302.8359	0.0117	9	549	557	QTALVELLK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1149/1141	1.196	1.443	0.987	1 Mascot
1302.8242	1302.8368	0.0126	10	549	557	QTALVELLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	235/227	0.663	1.379	1.131	1 Mascot
1302.8242	1302.8618	0.0376	29	549	557	QTALVELLK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	995/987	0.751	1.218	1.051	1 Mascot
1427.8131	1427.851	0.0379	27	361	371	HPEYAVSVLLR	41	97.693	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	902/894	0.682	0.665	0.694	1 Mascot
1575.0216	1574.9834	-0.0382	-24	548	557	KQTALVELLK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[8] F2	375/367	1.065	1.281	1.002	1 Mascot
1575.0216	1575.0242	0.0026	2	548	557	KQTALVELLK	62	99.981	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[1] F8 061011	365/357	0.570	1.183	1.125	1 Mascot
1575.0216	1575.1365	0.1149	73	548	557	KQTALVELLK	57	99.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[7] F12 and F9 and F7 attempt 2	1362/1354	0.912	0.993	0.968	1 Mascot
1593.921	1593.8564	-0.0646	-41	402	412	HLVDEPQNLIK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	174/166	1.536	1.441	0.941	1 Mascot
1593.921	1593.8634	-0.0576	-36	402	412	HLVDEPQNLIK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[8] F2	306/298	0.873	0.928	0.888	1 Mascot
1593.921	1593.975	0.054	34	402	412	HLVDEPQNLIK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	821/813	1.128	0.994	0.937	1 Mascot
1593.921	1593.9929	0.0719	45	402	412	HLVDEPQNLIK	54	99.879	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1293/1285	0.851	0.864	0.846	1 Mascot
1593.921	1594.0195	0.0985	62	402	412	HLVDEPQNLIK	62	99.983	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	912/904	1.204	1.723	1.246	1 Mascot
1687.8975	1687.8418	-0.0557	-33	569	580	TVMENFVAFVDK	100	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	512/504	1.113	1.245	0.975	1 Mascot
1687.8975	1687.8925	-0.005	-3	569	580	TVMENFVAFVDK	67	99.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[1] F8 061011	501/493	0.506	1.255	0.753	1 Mascot
1687.8975	1687.9059	0.0084	5	569	580	TVMENFVAFVDK	47	99.392	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1231/1223	0.887	1.062	0.891	1 Mascot
1687.8975	1687.9149	0.0174	10	569	580	TVMENFVAFVDK	90	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	1382/1374	1.453	1.560	0.727	1 Mascot
1687.8975	1687.9182	0.0207	12	569	580	TVMENFVAFVDK	102	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13	348/340	0.914	1.109	0.881	1 Mascot
1687.8975	1687.9308	0.0333	20	569	580	TVMENFVAFVDK	107	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1272/1264	1.120	1.121	0.952	1 Mascot
1687.8975	1687.9449	0.0474	28	569	580	TVMENFVAFVDK	49	99.662	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[3] F14,15,16 and F6	1048/1040	1.092	0.966	1.058	1 Mascot
1687.8975	1687.9557	0.0582	34	569	580	TVMENFVAFVDK	46	99.272	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13	1031/1023	1.939	1.118	2.089	1 Mascot
1687.8975	1687.9612	0.0637	38	569	580	TVMENFVAFVDK	53	99.852	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[7] F12 and F9 and F7 attempt 2	1084/1076	1.666	1.429	1.798	1 Mascot
1696.8629	1696.818	-0.0449	-26	89	100	SLHTLFGDELCK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[3] F14,15,16 and F6	236/228	0.515	0.534	0.670	1 Mascot
1696.8629	1696.8333	-0.0296	-17	89	100	SLHTLFGDELCK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[1] F8 061011	432/424	0.417	0.545	0.730	1 Mascot
1696.8629	1696.8533	-0.0096	-6	89	100	SLHTLFGDELCK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[4] F11 and F3	360/352	0.533	0.549	0.628	1 Mascot
1696.8629	1696.8579	-0.005	-3	89	100	SLHTLFGDELCK	45	99.002	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[1] F8 061011	467/459	0.333	0.594	0.650	1 Mascot
1696.8629	1696.8772	0.0143	8	89	100	SLHTLFGDELCK	90	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[5] F5 and F10	1298/1290	1.501	2.002	1.278	1 Mascot
1696.8629	1696.8954	0.0325	19	89	100	SLHTLFGDELCK	90	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[2] F4 and F13	268/260	0.740	1.016	1.053	1 Mascot
1696.8629	1696.897	0.0341	20	89	100	SLHTLFGDELCK	58	99.959	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[2] F4 and F13	395/387	1.702	1.957	2.371	1 Mascot
1696.8629	1696.9061	0.0432	25	89	100	SLHTLFGDELCK	92	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[4] F11 and F3	959/951	0.444	0.630	0.658	1 Mascot
1696.8629	1696.9149	0.052	31	89	100	SLHTLFGDELCK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[7] F12 and F9 and F7 attempt 2	1045/1037	1.127	1.204	1.089	1 Mascot
1696.8629	1696.9293	0.0664	39	89	100	SLHTLFGDELCK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[3] F14,15,16 and F6	963/955	0.565	0.588	0.718	1 Mascot
1696.8629	1696.9674	0.1045	62	89	100	SLHTLFGDELCK	56	99.92	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1 1]	[7] F12 and F9 and F7 attempt 2	1428/1420	0.293	0.582	0.761	1 Mascot

1703.8925	1703.8389	-0.0536	-31	569	580	TVMENFVAFVVK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], Oxidation (M)[3]	[5] F5 and F10	512/504	0.947	0.682	0.857	1	Mascot
1703.8925	1703.9235	0.031	18	569	580	TVMENFVAFVVK	60	99.973	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], Oxidation (M)[3]	[4] F11 and F3	1324/1316	0.981	1.153	0.881	1	Mascot
1703.8925	1703.9277	0.0352	21	569	580	TVMENFVAFVVK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], Oxidation (M)[3]	[4] F11 and F3	1162/1154	1.040	1.306	1.265	1	Mascot
1729.7225	1729.6005	-0.122	-71	76	88	TCVADESHAGCEK	45	99.133	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[2,11]	[5] F5 and F10	234/226	0.627	1.483	0.380	1	Mascot
1744.6569	1744.5756	-0.0813	-47	106	117	ETYGDMADCCEK	81	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[5] F5 and F10	372/364	0.601	0.935	0.924	1	Mascot
1744.6569	1744.6769	0.02	11	106	117	ETYGDMADCCEK	85	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[2] F4 and F13	188/180	0.564	1.022	0.953	1	Mascot
1744.6569	1744.6855	0.0286	16	106	117	ETYGDMADCCEK	50	99.723	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1076/1068	1.209	1.073	0.938	1	Mascot
1744.6569	1744.6956	0.0387	22	106	117	ETYGDMADCCEK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[4] F11 and F3	1110/1102	0.855	0.800	0.763	1	Mascot
1744.6569	1744.717	0.0601	34	106	117	ETYGDMADCCEK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[2] F4 and F13	975/967	0.542	1.061	0.868	1	Mascot
1744.6569	1744.7797	0.1228	70	106	117	ETYGDMADCCEK	38	95.793	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10]	[7] F12 and F9 and F7 attempt 2	1368/1360	1.180	1.412	0.907	1	Mascot
1760.6517	1760.6782	0.0265	15	106	117	ETYGDMADCCEK	53	99.845	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10], Oxidation (M)[6]	[2] F4 and F13	186/178	0.721	0.962	0.833	1	Mascot
1760.6517	1760.6796	0.0279	16	106	117	ETYGDMADCCEK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[9,10], Oxidation (M)[6]	[4] F11 and F3	1030/1022	0.965	0.949	0.867	1	Mascot
1857.9014	1857.882	-0.0194	-10	469	482	MPCTEDYLSLILNR	76	99.999	(N-term)_iTRAQ[0], MMTS (C)[3]	[8] F2	558/550	0.855	0.856	0.879	1	Mascot
1860.6581	1860.5664	-0.0917	-49	267	280	ECCHGDLLECADDR	92	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	474/466	1.263	1.107	0.804	1	Mascot
1860.6581	1860.6014	-0.0567	-30	267	280	ECCHGDLLECADDR	52	99.839	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	221/213	0.796	1.173	0.796	1	Mascot
1860.6581	1860.6028	-0.0553	-30	267	280	ECCHGDLLECADDR	81	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	407/399	1.372	1.168	1.163	1	Mascot
1860.6581	1860.6277	-0.0304	-16	267	280	ECCHGDLLECADDR	55	99.916	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[4] F11 and F3	329/321	3.021	1.621	1.794	1	Mascot
1860.6581	1860.6558	-0.0023	-1	267	280	ECCHGDLLECADDR	53	99.854	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[1] F8 061011	400/392	1.452	1.453	1.660	1	Mascot
1860.6581	1860.7362	0.0781	42	267	280	ECCHGDLLECADDR	44	98.798	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	1264/1256	1.608	2.083	1.057	1	Mascot
1860.6581	1860.74	0.0819	44	267	280	ECCHGDLLECADDR	79	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	930/922	1.021	1.161	1.116	1	Mascot
1873.8964	1873.8337	-0.0627	-33	469	482	MPCTEDYLSLILNR	48	99.537	(N-term)_iTRAQ[0], MMTS (C)[3], Oxidation (M)[1]	[8] F2	525/517	0.752	0.937	0.819	1	Mascot
2013.8386	2013.8367	-0.0019	-1	184	197	YNGVFQECQAEDK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1229/1221	2.242	2.031	0.895	1	Mascot
2013.8386	2013.8453	0.0067	3	184	197	YNGVFQECQAEDK	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1288/1280	2.093	1.654	0.932	1	Mascot
2013.8386	2013.8861	0.0475	24	184	197	YNGVFQECQAEDK	59	99.968	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1214/1206	1.826	1.527	1.043	1	Mascot
2013.8386	2013.9429	0.1043	52	184	197	YNGVFQECQAEDK	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[8,9]	[4] F11 and F3	1257/1249	1.930	1.969	0.998	1	Mascot
2177.1318	2177.0769	-0.0549	-25	169	183	HPYFYAPPELLYYANK	99	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	480/472	0.566	0.661	0.736	1	Mascot
2177.1318	2177.1179	-0.0139	-6	169	183	HPYFYAPPELLYYANK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	1349/1341	0.465	0.762	0.976	1	Mascot
2177.1318	2177.2087	0.0769	35	169	183	HPYFYAPPELLYYANK	40	97.214	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[3] F14,15,16 and F6	1019/1011	0.811	0.811	1.058	1	Mascot
2503.0405	2502.9846	-0.0559	-22	267	285	ECCHGDLLECADDRADLAK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19], MMTS (C)[2,3,10]	[8] F2	420/412	1.456	1.205	0.971	1	Mascot

4 RecName: Full=Angiotensinogen; AltName: Full=Serpini|1703309 54003.7 15 1182 0.903 0.834 0.947 0.516 0.419 0.274 19 19 19 100
A8; Contains: RecName: Full=Angiotensin-1; AltN

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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1188.6609	1188.7065	0.0456	38	459	468	SSGALHFLGR	52	99.815	(N-term)_iTRAQ[0]	[7] F12 and F9 and F7 attempt 2	1293/1285	0.591	0.537	0.887	1	Mascot
1449.7795	1449.7296	-0.0499	-34	82	91	ATEKLEAEDR	43	98.517	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4]	[1] F8 061011	154/146	0.682	0.694	0.841	1	Mascot
1449.8927	1449.9207	0.028	19	415	424	VLNSLVLFELK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4] F11 and F3	1252/1244	2.535	2.093	1.490	1	Mascot
1584.957	1584.9668	0.0098	6	392	404	LPTLLGAEANLGK	97	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4] F11 and F3	1174/1166	0.968	0.778	0.947	1	Mascot
1622.0251	1621.9331	-0.092	-57	367	378	AIHLTVPQLTLK	107	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	424/416	0.840	0.558	0.725	1	Mascot
1622.0251	1621.9836	-0.0415	-26	367	378	AIHLTVPQLTLK	61	99.976	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	344/336	1.220	1.024	1.722	1	Mascot
1622.0251	1622.0746	0.0495	31	367	378	AIHLTVPQLTLK	111	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[3] F14,15,16 and F6	937/929	0.554	0.611	0.762	1	Mascot
1723.9476	1723.9762	0.0286	17	379	391	ASYDLQDLAQAQAK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4] F11 and F3	1198/1190	0.758	0.711	0.819	1	Mascot
1723.9476	1723.9945	0.0469	27	379	391	ASYDLQDLAQAQAK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[2] F4 and F13	276/268	0.577	0.667	0.687	1	Mascot
1731.9667	1731.9246	-0.0421	-24	347	359	VEALIFQHNLFR	60	99.971	(N-term)_iTRAQ[0]	[5] F5 and F10	479/471	1.725	1.608	1.243	1	Mascot
1761.948	1762.0055	0.0575	33	228	241	SLDLSTDPNLAEEK	94	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4] F11 and F3	1058/1050	1.260	1.073	0.994	1	Mascot
1878.1	1878.0679	-0.0321	-17	27	39	VYIHPFHLLVHVK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4] F11 and F3	316/308	1.129	0.852	0.943	1	Mascot
1901.9729	1901.9436	-0.0293	-15	67	81	SSPVDEEALWEQLVR	99	100	(N-term)_iTRAQ[0]	[8] F2	489/481	0.935	0.783	0.913	1	Mascot
1909.9365	1909.9196	-0.0169	-9	148	164	LQAFGLVPGEGGCTSR	79	100	(N-term)_iTRAQ[0], MMTS (C)[14]	[8] F2	427/419	1.359	1.156	1.126	1	Mascot
2167.3464	2167.3809	0.0345	16	193	210	LLLSTVVGLFTAPGLHLK	54	99.896	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[2] F4 and F13	465/457	1.124	1.300	1.178	1	Mascot
2213.2039	2213.1631	-0.0408	-18	94	110	ASEVGLLLNFMGFHVYK	127	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[5] F5 and F10	594/586	0.399	0.395	0.692	1	Mascot
2229.1987	2229.1565	-0.0422	-19	94	110	ASEVGLLLNFMGFHVYK	52	99.822	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], Oxidation (M)[11]	[5] F5 and F10	529/521	0.765	0.722	0.892	1	Mascot
2514.4316	2514.3342	-0.0974	-39	325	345	VPLSANGYLLIIPHHTL DLR	50	99.702	(N-term)_iTRAQ[0]	[5] F5 and F10	491/483	0.471	0.539	0.663	1	Mascot
2669.5559	2669.6338	0.0779	29	169	192	KVLSLQTIQGLLVAPGG ASSQAR	78	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[2] F4 and F13	331/323	1.167	1.186	1.097	1	Mascot

5 apolipoprotein A-I, apoA-1 [Bos=cattle, Friesian-Holstein male calves aged 2-4 weeks, Peptide, 247] gj|245563 31729.2 15 1043 0.997 0.988 1.018 0.438 0.291 0.215 27 27 27 100

Protein Group

apolipoprotein A-I preproprotein [Bos taurus] gj|75832056 33716.4

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1147.6569	1147.5867	-0.0702	-61	139	145	VQELQDK	43	98.568	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	171/163	0.929	0.955	0.924	1	Mascot
1161.6388	1161.6711	0.0323	28	124	132	VAPLGEEFR	38	95.773	(N-term)_iTRAQ[0]	[4] F11 and F3	1059/1051	1.207	1.100	1.100	1	Mascot
1404.7032	1404.6575	-0.0457	-33	113	121	WHEEVEIYR	55	99.917	(N-term)_iTRAQ[0]	[8] F2	314/306	1.102	1.054	1.031	1	Mascot
1404.7032	1404.7605	0.0573	41	113	121	WHEEVEIYR	49	99.642	(N-term)_iTRAQ[0]	[7] F12 and F9 and F7 attempt 2	1306/1298	0.871	0.857	0.940	1	Mascot
1449.7458	1449.7748	0.029	20	166	176	QLLAPYSDDLRL	58	99.952	(N-term)_iTRAQ[0]	[4] F11 and F3	1021/1013	1.123	1.058	1.084	1	Mascot
1504.8832	1504.8921	0.0089	6	231	242	VSILAAIDEASK	64	99.989	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13	287/279	1.073	1.476	1.183	1	Mascot
1504.8832	1504.9407	0.0575	38	231	242	VSILAAIDEASK	85	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1207/1199	1.467	1.430	1.462	1	Mascot
1506.7798	1506.7072	-0.0726	-48	188	199	EGGGSLAEYHAK	83	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[1] F8 061011	176/168	0.291	0.589	0.721	1	Mascot
1506.7798	1506.8101	0.0303	20	188	199	EGGGSLAEYHAK	43	98.476	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5] F5 and F10	1051/1043	2.313	1.036	0.883	1	Mascot
1506.7798	1506.8741	0.0943	63	188	199	EGGGSLAEYHAK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[7] F12 and F9 and F7 attempt 2	1208/1200	0.631	0.597	0.825	1	Mascot
1547.9128	1547.9839	0.0711	46	137	145	QKQELQDK	60	99.974	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,9]	[7] F12 and F9 and F7 attempt 2	804/796	0.971	1.217	1.075	1	Mascot
1554.8413	1554.8055	-0.0358	-23	102	111	VQPYLDEFQK	55	99.901	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[3] F14,15,16 and F6	196/188	1.421	1.066	1.168	1	Mascot
1554.8413	1554.8502	0.0089	6	102	111	VQPYLDEFQK	63	99.985	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	216/208	1.080	1.017	0.922	1	Mascot
1554.8413	1554.8571	0.0158	10	102	111	VQPYLDEFQK	61	99.975	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	188/180	0.891	0.876	1.030	1	Mascot
1554.8413	1554.8671	0.0258	17	102	111	VQPYLDEFQK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	135/127	1.000	1.022	1.013	1	Mascot
1554.8413	1554.9163	0.075	48	102	111	VQPYLDEFQK	61	99.975	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	964/956	0.882	0.969	1.004	1	Mascot
1686.8948	1686.8357	-0.0591	-35	33	45	DYVAQFEASALGK	97	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[5] F5 and F10	432/424	1.190	1.214	1.391	1	Mascot
1686.8948	1686.9039	0.0091	5	33	45	DYVAQFEASALGK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4] F11 and F3	1179/1171	0.671	0.726	0.836	1	Mascot

1686.8948	1686.9125	0.0177	10	33	45	DYVAQFEASALGK	87	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[2] F4 and F13	262/254	0.727	0.681	0.582	1	Mascot
1777.0806	1777.1949	0.1143	64	231	243	VSILAAIDEASKK	59	99.961	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12, 13]	[7] F12 and F9 and F7 attempt 2	1422/1414	1.163	1.194	1.299	1	Mascot
1865.0266	1864.9445	-0.0821	-44	51	64	LLDNWDTLASTLSK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	525/517	1.500	1.185	1.061	1	Mascot
1865.0266	1865.0361	0.0095	5	51	64	LLDNWDTLASTLSK	46	99.292	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[2] F4 and F13	362/354	0.995	1.113	1.094	1	Mascot
1865.0266	1865.041	0.0144	8	51	64	LLDNWDTLASTLSK	124	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4] F11 and F3	1285/1277	1.116	1.116	1.051	1	Mascot
1915.1276	1915.0759	-0.0517	-27	16	28	VKDFATVYVEAIK	68	99.995	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 3]	[4] F11 and F3	344/336	1.110	0.629	1.317	1	Mascot
2102.0764	2102.1504	0.074	35	29	45	DSGRDYVAQFEASALGK	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[3] F14,15,16 and F6	931/923	1.056	1.331	0.977	1	Mascot
2221.1387	2221.1797	0.041	18	67	82	EQLGPVTQEFWDNLEK	60	99.974	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4] F11 and F3	1247/1239	0.628	0.698	0.928	1	Mascot
2476.3081	2476.2375	-0.0706	-29	65	82	VREQLGPVTQEFWDNLE K	67	99.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[5] F5 and F10	477/469	1.186	1.309	1.085	1	Mascot

6 ceruloplasmin precursor [Ovis aries] gj|57619174 129919.1 14 1038 0.850 0.840 1.154 0.342 0.660 0.414 17 17 17 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1468.8158	1468.7639	-0.0519	-35	178	187	IYHSHIDAPK	41	97.72	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[3] F14,15,16 and F6	104/96	104/96	0.542	0.123	0.622	1	Mascot
1468.8158	1468.777	-0.0388	-26	178	187	IYHSHIDAPK	64	99.989	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4] F11 and F3	108/100	108/100	0.532	0.644	0.960	1	Mascot
1486.7094	1486.6094	-0.1	-67	942	951	ANEEFMESNK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[5] F5 and F10	213/205	213/205	0.651	0.721	0.888	1	Mascot
1503.8767	1503.8049	-0.0718	-48	469	481	AAHPLSIEPIGVR	44	98.82	(N-term)_iTRAQ[0]	[5] F5 and F10	316/308	316/308	0.661	0.633	0.802	1	Mascot
1577.7693	1577.8447	0.0754	48	427	437	EYTDASFNSQK	56	99.931	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[2] F4 and F13	901/893	901/893	1.243	1.123	1.271	1	Mascot
1662.8248	1662.8744	0.0496	30	70	81	AVYLQYTDENFR	50	99.716	(N-term)_iTRAQ[0]	[4] F11 and F3	1105/1097	1105/1097	0.901	0.815	1.360	1	Mascot
1677.8416	1677.7637	-0.0779	-46	835	849	TESSTVPTPTAGETR	121	100	(N-term)_iTRAQ[0]	[8] F2	175/167	175/167	1.187	1.230	1.393	1	Mascot
1697.8619	1697.816	-0.0459	-27	780	792	QFTDSTFQVPVER	60	99.969	(N-term)_iTRAQ[0]	[8] F2	352/344	352/344	1.247	1.349	1.447	1	Mascot
1697.8619	1697.887	0.0251	15	780	792	QFTDSTFQVPVER	47	99.407	(N-term)_iTRAQ[0]	[4] F11 and F3	1097/1089	1097/1089	0.966	1.004	1.202	1	Mascot
1770.9836	1770.9229	-0.0607	-34	188	201	DIASGLIGLIHCK	92	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[13]	[5] F5 and F10	501/493	501/493	0.920	1.129	1.501	1	Mascot
1792.0341	1792.0414	0.0073	4	99	110	AETGDKVYVHLK	78	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6,1 2]	[5] F5 and F10	1127/1119	1127/1119	0.644	0.730	0.989	1	Mascot
1973.0021	1972.9318	-0.0703	-36	939	951	VDKANEEFMESNK	86	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,1 3]	[1] F8 061011	227/219	227/219	0.941	1.207	1.245	1	Mascot
1988.9971	1988.9065	-0.0906	-46	939	951	VDKANEEFMESNK	57	99.945	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,1 3], Oxidation (M)[9]	[1] F8 061011	183/175	183/175	1.092	0.801	1.497	1	Mascot
1998.0756	1998.1329	0.0573	29	520	533	EVGPTYKDPVCLAK	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,1 4], MMTS (C)[11]	[3] F14,15,16 and F6	858/850	858/850	0.908	0.988	1.264	1	Mascot
2881.2483	2881.1313	-0.117	-41	238	258	TYCSEPEKVEQDNEDFQ ESNR	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[3]	[5] F5 and F10	306/298	306/298	0.985	1.311	1.526	1	Mascot
2911.4685	2911.4216	-0.0469	-16	992	1014	GIYTSDFDLFPQTYQTL EMTPK	89	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[23]	[8] F2	558/550	558/550	0.414	0.493	0.634	1	Mascot
2921.3845	2921.2	-0.1845	-63	593	613	MFTTAPDQVKENEDFQ ESNK	75	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11, 21], Oxidation (M)[1]	[5] F5 and F10	268/260	268/260	1.423	1.841	1.897	1	Mascot

7 complement C3 [Sus scrofa] gj|47522844 205367.1 15 969 0.876 0.893 0.962 0.325 0.248 0.197 23 23 23 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1064.6714	1064.7218	0.0504	47	599	605	GVFVLNK	44	98.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	952/944	952/944	0.754	0.620	0.915	1	Mascot
1088.6925	1088.7196	0.0271	25	591	598	VGLVAVDK	40	97.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2] F4 and F13	931/923	931/923	0.739	1.066	0.787	1	Mascot
1176.6875	1176.6422	-0.0453	-38	614	620	IWDVVEK	41	97.741	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	348/340	348/340	0.633	1.068	1.041	1	Mascot
1176.6875	1176.6638	-0.0237	-20	614	620	IWDVVEK	42	98.298	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[3] F14,15,16 and F6	202/194	202/194	1.023	0.510	0.864	1	Mascot
1176.6875	1176.6947	0.0072	6	614	620	IWDVVEK	44	98.854	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	135/127	135/127	1.356	1.093	1.086	1	Mascot
1176.6875	1176.6978	0.0103	9	614	620	IWDVVEK	39	96.696	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	188/180	188/180	1.333	1.203	1.166	1	Mascot

1176.6875	1176.7061	0.0186	16	614	620	IWDVVEK	41	97.568	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	216/208	0.959	0.925	0.962	1 Mascot
1176.6875	1176.7257	0.0382	32	614	620	IWDVVEK	44	98.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	970/962	1.191	1.109	1.068	1 Mascot
1227.6606	1227.687	0.0264	22	1050	1058	GYTQQLAFR	51	99.775	(N-term)_iTRAQ[0]	[4] F11 and F3	1035/1027	0.872	0.997	1.354	1 Mascot
1331.7808	1331.808	0.0272	20	1309	1318	ILWESASLLR	42	98.317	(N-term)_iTRAQ[0]	[4] F11 and F3	1254/1246	1.909	1.020	1.613	1 Mascot
1336.8688	1336.84	-0.0288	-22	599	606	GVFVLNKK	53	99.85	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,8]	[1] F8 061011	266/258	0.642	0.736	0.845	1 Mascot
1380.8348	1380.8812	0.0464	34	1440	1448	NLLIYLDK	45	99.145	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1156/1148	0.720	1.363	0.886	1 Mascot
1499.858	1499.8282	-0.0298	-20	1049	1058	KGYTQQLAFR	44	98.764	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[1] F8 061011	253/245	1.075	0.992	1.101	1 Mascot
1577.7571	1577.8538	0.0967	61	1534	1544	ACEPGVDVYVK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[2]	[2] F4 and F13	954/946	0.657	0.867	0.936	1 Mascot
1633.9047	1633.9071	0.0024	1	543	554	EVVADSVWVDVK	83	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1130/1122	0.718	0.801	0.704	1 Mascot
1708.9268	1708.9872	0.0604	35	912	924	AAVYNHFISDGVK	51	99.779	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[3] F14,15,16 and F6	829/821	0.702	0.816	0.837	1 Mascot
1708.9268	1709.0417	0.1149	67	912	924	AAVYNHFISDGVK	61	99.977	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[7] F12 and F9 and F7 attempt 2	1317/1309	0.433	0.553	0.778	1 Mascot
2074.0942	2074.2112	0.117	56	862	877	VELLYNPAFCSLATAK	69	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[10]	[4] F11 and F3	1310/1302	1.014	1.108	1.041	1 Mascot
2090.1897	2090.1255	-0.0642	-31	343	358	TGIPIVTSPIQIHF TK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5] F5 and F10	425/417	0.774	0.877	0.940	1 Mascot
2090.1897	2090.2029	0.0132	6	343	358	TGIPIVTSPIQIHF TK	81	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[2] F4 and F13	251/243	1.128	0.999	1.108	1 Mascot
2338.3242	2338.2783	-0.0459	-20	795	811	DSITTWEILAVSLSDKK	128	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16, 17]	[5] F5 and F10	535/527	0.668	0.699	0.834	1 Mascot
2338.3242	2338.4331	0.1089	47	795	811	DSITTWEILAVSLSDKK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16, 17]	[3] F14,15,16 and F6	1074/1066	0.939	0.711	0.811	1 Mascot
2967.4597	2967.4065	-0.0532	-18	1259	1282	YYGGYGSTQATFMVQ ALAQYQK	103	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[24]	[8] F2	555/547	0.960	1.010	0.862	1 Mascot

8 alpha-1-antiproteinase precursor [Ovis aries] gi|57526646 50698.8 13 804 1.067 0.896 1.053 0.475 0.361 0.357 19 19 19 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank Result Type
1148.6772	1148.714	0.0368	32	358	365	AALTIDEK	47	99.452	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2] F4 and F13	912/904	0.704	0.427	0.930	1 Mascot
1168.646	1168.5886	-0.0574	-49	179	185	INDYVEK	41	97.517	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	228/220	1.350	1.050	1.293	1 Mascot
1215.7181	1215.7311	0.013	11	323	332	TVLGELGINR	55	99.914	(N-term)_iTRAQ[0]	[4] F11 and F3	1114/1106	1.150	1.111	1.055	1 Mascot
1440.8434	1440.9263	0.0829	58	178	185	KINDYVEK	48	99.571	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,8]	[7] F12 and F9 and F7 attempt 2	850/842	0.934	0.796	1.052	1 Mascot
1466.8352	1466.7963	-0.0389	-27	148	157	LVDTFLEDVK	57	99.948	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[5] F5 and F10	480/472	1.648	1.430	1.899	1 Mascot
1466.8352	1466.8562	0.021	14	148	157	LVDTFLEDVK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4] F11 and F3	1237/1229	1.187	1.407	1.454	1 Mascot
1466.8352	1466.8593	0.0241	16	148	157	LVDTFLEDVK	46	99.327	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	313/305	2.280	1.763	1.413	1 Mascot
1488.842	1488.9088	0.0668	45	302	312	YASSANLHLPK	41	97.802	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1282/1274	1.073	0.874	0.898	1 Mascot
1605.8483	1605.7822	-0.0661	-41	229	239	DFHVNEQTTVK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[5] F5 and F10	217/209	1.053	0.996	1.260	1 Mascot
1605.8483	1605.8077	-0.0406	-25	229	239	DFHVNEQTTVK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[1] F8 061011	208/200	0.635	0.665	0.625	1 Mascot
1605.8483	1605.8666	0.0183	11	229	239	DFHVNEQTTVK	47	99.445	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	752/744	1.710	0.753	0.738	1 Mascot
1605.8483	1605.9216	0.0733	46	229	239	DFHVNEQTTVK	61	99.98	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1231/1223	0.800	0.650	0.922	1 Mascot
1675.7874	1675.8517	0.0643	38	246	256	LGMFDLHYCDK	60	99.972	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[3] F14,15,16 and F6	983/975	0.899	0.768	1.000	1 Mascot
1675.7874	1675.8717	0.0843	50	246	256	LGMFDLHYCDK	39	96.517	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[7] F12 and F9 and F7 attempt 2	1438/1430	0.521	0.696	0.983	1 Mascot
1761.0394	1760.9717	-0.0677	-38	301	312	KYASSANLHLPK	68	99.996	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 2]	[4] F11 and F3	179/171	0.727	0.771	0.827	1 Mascot
1994.111	1994.0408	-0.0702	-35	48	62	IAPNLANFAFSIYHK	101	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	505/497	1.036	0.901	1.353	1 Mascot
2201.2876	2201.3569	0.0693	31	282	296	LQLEDKLNELLAK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,1 5]	[3] F14,15,16 and F6	1000/992	1.758	1.458	1.341	1 Mascot
2276.2061	2276.1802	-0.0259	-11	197	213	DLQDQTFVFNYSFK	78	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[5] F5 and F10	588/580	1.249	0.843	1.226	1 Mascot
2510.3057	2510.3296	0.0239	10	333	353	VFSNGADLSGITEEQPLM VSK	43	98.483	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[4] F11 and F3	1183/1175	0.982	0.679	0.587	1 Mascot

9 RecName: Full=Apolipoprotein E; Short=Apo-E; Flags: gj|41016830 38112 10 687 1.084 0.954 1.063 0.346 0.185 0.168 16 16 16 100
Precursor

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1177.6449	1177.6891	0.0442	38	269	277 LQAEAFQAR	53	99.845	(N-term)_iTRAQ[0]	[4]	F11 and F3	1006/998	1.316	1.075	1.288	1	Mascot
1179.58	1179.6038	0.0238	20	121	129 LGSDMEDLR	57	99.946	(N-term)_iTRAQ[0]	[4]	F11 and F3	1037/1029	1.100	1.022	0.981	1	Mascot
1218.7092	1218.6534	-0.0558	-46	292	299 QWAGLVEK	60	99.973	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	310/302	0.678	1.182	1.086	1	Mascot
1218.7092	1218.7697	0.0605	50	292	299 QWAGLVEK	58	99.954	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	950/942	1.438	1.271	1.286	1	Mascot
1565.8043	1565.7266	-0.0777	-50	176	189 LAVYQAGASEGAER	59	99.963	(N-term)_iTRAQ[0]	[5]	F5 and F10	248/240	1.470	0.659	1.089	1	Mascot
1565.8043	1565.7374	-0.0669	-43	176	189 LAVYQAGASEGAER	78	100	(N-term)_iTRAQ[0]	[8]	F2	256/248	1.461	1.193	1.137	1	Mascot
1565.8043	1565.8868	0.0825	53	176	189 LAVYQAGASEGAER	86	100	(N-term)_iTRAQ[0]	[4]	F11 and F3	999/991	1.219	1.103	1.203	1	Mascot
1643.8262	1643.8535	0.0273	17	37	49 GQDSQPWEQVLGR	51	99.775	(N-term)_iTRAQ[0]	[4]	F11 and F3	1114/1106	0.735	0.787	0.953	1	Mascot
1680.8176	1680.7826	-0.035	-21	280	291 SWFEPLVEDMQR	71	99.998	(N-term)_iTRAQ[0]	[8]	F2	498/490	0.898	0.773	0.963	1	Mascot
1713.9619	1713.9227	-0.0392	-23	209	223 AATLSTQVGQPLDDR	75	99.999	(N-term)_iTRAQ[0]	[8]	F2	339/331	1.030	0.894	1.055	1	Mascot
1821.9137	1821.8862	-0.0275	-15	137	151 SEVQAMLGQSTEELR	98	100	(N-term)_iTRAQ[0]	[8]	F2	387/379	1.295	1.090	1.204	1	Mascot
1837.9086	1837.8442	-0.0644	-35	137	151 SEVQAMLGQSTEELR	53	99.849	(N-term)_iTRAQ[0], Oxidation (M)[6]	[8]	F2	290/282	1.014	0.922	0.964	1	Mascot
2045.0093	2044.9668	-0.0425	-21	93	109 EELEGQLAPMAQETQAR	73	99.999	(N-term)_iTRAQ[0]	[8]	F2	323/315	0.660	0.829	1.331	1	Mascot
2435.2109	2435.2227	0.0118	5	90	109 AYREELEGQLAPMAQETQAR	63	99.987	(N-term)_iTRAQ[0]	[2]	F4 and F13	188/180	1.015	0.975	0.886	1	Mascot
2435.2109	2435.2546	0.0437	18	90	109 AYREELEGQLAPMAQETQAR	47	99.406	(N-term)_iTRAQ[0]	[2]	F4 and F13	135/127	0.973	0.896	0.764	1	Mascot
2451.2058	2451.2578	0.052	21	90	109 AYREELEGQLAPMAQETQAR	49	99.612	(N-term)_iTRAQ[0], Oxidation (M)[13]	[2]	F4 and F13	135/127	1.703	0.830	1.001	1	Mascot

10 complement component C3 [Ovis aries] gj|12649541 43395 10 576 0.956 0.911 1.015 0.483 0.298 0.292 10 10 10 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1227.6606	1227.687	0.0264	22	76	84 GYTQQLAFR	51	99.775	(N-term)_iTRAQ[0]	[4]	F11 and F3	1035/1027	0.872	0.997	1.354	1	Mascot
1331.7808	1331.808	0.0272	20	335	344 ILWESASLLR	42	98.317	(N-term)_iTRAQ[0]	[4]	F11 and F3	1254/1246	1.909	1.020	1.613	1	Mascot
1362.7753	1362.7961	0.0208	15	244	250 WEEPNNKK	38	95.023	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6,7]	[5]	F5 and F10	1053/1045	0.728	0.666	0.922	1	Mascot
1365.6671	1365.645	-0.0221	-16	196	205 AGDFLENHYR	51	99.792	(N-term)_iTRAQ[0]	[1]	F8 061011	266/258	0.613	0.525	0.887	1	Mascot
1499.858	1499.8282	-0.0298	-20	75	84 KGYTQQLAFR	44	98.764	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[1]	F8 061011	253/245	1.075	0.992	1.101	1	Mascot
1663.9503	1663.9076	-0.0427	-26	109	122 VFALSTNLIAIDSR	89	100	(N-term)_iTRAQ[0]	[8]	F2	479/471	1.537	1.485	1.206	1	Mascot
2009.0275	2009.0454	0.0179	9	180	195 DICEAQVNSLGPSITK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[3]	[4]	F11 and F3	1138/1130	0.448	0.699	0.707	1	Mascot
2079.2576	2079.2175	-0.0401	-19	209	225 RPYTVIAIAYALLGK	43	98.6	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[5]	F5 and F10	595/587	1.304	1.149	1.110	1	Mascot
2472.3457	2472.3337	-0.012	-5	309	327 DVPDHKELNLDVSIHLPSR	44	98.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[5]	F5 and F10	1255/1247	0.926	0.922	0.725	1	Mascot
2967.4597	2967.4065	-0.0532	-18	285	308 YYGGYGSTQATFMVFQALAQQK	103	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[24]	[8]	F2	555/547	0.960	1.010	0.862	1	Mascot

11 preprocomplement component C3 [Mus musculus] gj|309122 205041.7 9 570 0.838 0.842 0.914 0.250 0.227 0.142 16 16 16 100

Protein Group

RecName: Full=Complement C3; Contains: RecName: gj|116597 203965.7
Full=Complement C3 beta chain; Contains: RecName: F
complement C3 [Mus musculus] gj|126518317 204899.5
complement component C3 prepropeptide, last [Mus musculus] gj|387114 205042.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1064.6714	1064.7218	0.0504	47	600	606 GVFVLNK	44	98.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	952/944	0.754	0.620	0.915	1	Mascot
1088.6925	1088.7196	0.0271	25	592	599 VGLVAVDK	40	97.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	931/923	0.739	1.066	0.787	1	Mascot
1176.6875	1176.6422	-0.0453	-38	615	621 IWDVVEK	41	97.741	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5]	F5 and F10	348/340	0.633	1.068	1.041	1	Mascot

1176.6875	1176.6638	-0.0237	-20	615	621	IWDVVEK	42	98.298	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[3] F14,15,16 and F6	202/194	1.023	0.510	0.864	1	Mascot
1176.6875	1176.6947	0.0072	6	615	621	IWDVVEK	44	98.854	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	135/127	1.356	1.093	1.086	1	Mascot
1176.6875	1176.6978	0.0103	9	615	621	IWDVVEK	39	96.696	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	188/180	1.333	1.203	1.166	1	Mascot
1176.6875	1176.7061	0.0186	16	615	621	IWDVVEK	41	97.568	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	216/208	0.959	0.925	0.962	1	Mascot
1176.6875	1176.7257	0.0382	32	615	621	IWDVVEK	44	98.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	970/962	1.191	1.109	1.068	1	Mascot
1336.8688	1336.84	-0.0288	-22	600	607	GVFVLNKK	53	99.85	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,8]	[1] F8 061011	266/258	0.642	0.736	0.845	1	Mascot
1577.7571	1577.8538	0.0967	61	1536	1546	ACEPGVDYVYK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[2]	[2] F4 and F13	954/946	0.657	0.867	0.936	1	Mascot
1633.9047	1633.9071	0.0024	1	545	556	EVVADSVWVDVK	83	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1130/1122	0.718	0.801	0.704	1	Mascot
1660.0295	1660.0381	0.0086	5	892	904	SSVAVPYVIVPLK	52	99.813	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4] F11 and F3	1187/1179	0.971	1.016	0.720	1	Mascot
1999.0331	1999.007	-0.0261	-13	1492	1504	FYHPEKDDGMLSK	44	98.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6,13]	[5] F5 and F10	1150/1142	0.666	0.713	1.031	1	Mascot
2015.028	2015.0646	0.0366	18	1492	1504	FYHPEKDDGMLSK	44	98.822	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6,13], Oxidation (M)[10]	[5] F5 and F10	1110/1102	0.651	0.714	0.998	1	Mascot
2338.3242	2338.2783	-0.0459	-20	797	813	DSITTWEILAVSLSDKK	128	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16,17]	[5] F5 and F10	535/527	0.668	0.699	0.834	1	Mascot
2338.3242	2338.4331	0.1089	47	797	813	DSITTWEILAVSLSDKK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16,17]	[3] F14,15,16 and F6	1074/1066	0.939	0.711	0.811	1	Mascot

12 transferrin [Sus scrofa] gj|833800 86770.7 7 549 0.808 0.777 0.855 0.365 0.271 0.265 16 16 16 100

Protein Group

RecName: Full=Serotransferrin; Short=Transferrin; AltName: Full=Beta-1 metal-binding globulin; AltN

gj|136192 86931.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1023.6084	1023.5566	-0.0518	-51	537	543	GDVAFVK	42	98.313	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	228/220	0.809	0.707	0.738	1	Mascot
1207.766	1207.7739	0.0079	7	430	438	GYLAVAVVK	61	99.976	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1081/1073	0.761	0.721	0.777	1	Mascot
1241.6075	1241.6476	0.0401	32	523	531	YYGYTGAFR	38	95.945	(N-term)_iTRAQ[0]	[4] F11 and F3	1063/1055	1.179	1.029	1.001	1	Mascot
1639.8778	1639.9443	0.0665	41	406	417	CGLVPVLAENYK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1]	[4] F11 and F3	1207/1199	2.141	1.164	0.439	1	Mascot
1893.0116	1892.9187	-0.0929	-49	88	101	DNPQTHYYAVAVVK	54	99.894	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	256/248	0.870	0.549	0.791	1	Mascot
1893.0116	1892.9353	-0.0763	-40	88	101	DNPQTHYYAVAVVK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	306/298	0.696	0.632	1.051	1	Mascot
1893.0116	1892.9382	-0.0734	-39	88	101	DNPQTHYYAVAVVK	121	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	282/274	0.740	0.686	0.761	1	Mascot
1893.0116	1892.9613	-0.0503	-27	88	101	DNPQTHYYAVAVVK	40	96.816	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	303/295	0.695	0.390	0.666	1	Mascot
1893.0116	1892.9622	-0.0494	-26	88	101	DNPQTHYYAVAVVK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[1] F8 061011	269/261	1.034	1.017	0.774	1	Mascot
1893.0116	1893.058	0.0464	25	88	101	DNPQTHYYAVAVVK	118	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[3] F14,15,16 and F6	803/795	0.459	0.696	0.905	1	Mascot
1893.0116	1893.074	0.0624	33	88	101	DNPQTHYYAVAVVK	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	1153/1145	0.746	0.829	1.022	1	Mascot
2119.0627	2118.9917	-0.071	-34	388	405	GEADAMSLDGGYIYIAGK	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[5] F5 and F10	427/419	0.805	0.891	0.843	1	Mascot
2119.0627	2119.0623	-0.0004	0	388	405	GEADAMSLDGGYIYIAGK	78	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[4] F11 and F3	1175/1167	0.625	0.597	0.749	1	Mascot
2603.4126	2603.3179	-0.0947	-36	385	405	IVKGEADAMSLDGGYIYIAGK	130	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,21]	[5] F5 and F10	431/423	0.473	0.765	0.876	1	Mascot
2603.4126	2603.4468	0.0342	13	385	405	IVKGEADAMSLDGGYIYIAGK	51	99.771	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,21]	[5] F5 and F10	1293/1285	0.609	0.977	1.343	1	Mascot
2619.4075	2619.3086	-0.0989	-38	385	405	IVKGEADAMSLDGGYIYIAGK	101	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,21], Oxidation (M)[9]	[5] F5 and F10	394/386	1.330	1.333	1.442	1	Mascot

13 alpha-2-HS-glycoprotein precursor [Ovis aries] gj|57526674 41650.9 6 534 1.102 0.830 0.862 0.321 0.440 0.282 8 8 8 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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1442.8213	1442.788	-0.0333	-23	58	67	HTLNQIDSVK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[1] F8 061011	213/205	1.130	0.970	1.063	1 Mascot			
1557.8523	1557.8696	0.0173	11	121	131	QDGQFSVLFTK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[2] F4 and F13	217/209	1.646	1.445	1.267	1 Mascot			
1557.8523	1557.9008	0.0485	31	121	131	QDGQFSVLFTK	53	99.862	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[2] F4 and F13	983/975	1.578	1.205	0.838	1 Mascot			
2256.0979	2256.0513	-0.0466	-21	104	120	QQTEHAVEGDCDIHVLK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], MMTS (C)[11]	[1] F8 061011	321/313	1.075	0.893	1.152	1 Mascot			
2392.2141	2392.1865	-0.0276	-12	318	338	HTFSGVASVESASGEAF HVGK	60	99.973	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[1] F8 061011	350/342	0.971	0.891	0.964	1 Mascot			
2683.2458	2683.1899	-0.0559	-21	29	50	EPACDDPDTEQAALAAV DYINK	116	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[22], MMTS (C)[4]	[8] F2	463/455	0.881	0.317	0.732	1 Mascot			
2683.2458	2683.2727	0.0269	10	29	50	EPACDDPDTEQAALAAV DYINK	38	95.907	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[22], MMTS (C)[4]	[4] F11 and F3	1222/1214	1.102	0.772	0.577	1 Mascot			
2754.4436	2754.415	-0.0286	-10	188	211	AQFVPLPGSVSVEFAVA TDCIAK	144	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[24], MMTS (C)[21]	[8] F2	587/579	0.734	0.686	0.576	1 Mascot			
14	immunoglobulin lambda light chain constant region segment 1 [Ovis aries]				gij 52366986	13044.6	5	525	1.094	0.964	1.073	0.447	0.378	0.251	15	15	15	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1434.7798	1434.6858	-0.094	-66	44	54	ADGSTINQNVK	91	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[5] F5 and F10		134/126	1.435	1.185	1.203	1	Mascot
1434.7798	1434.8113	0.0315	22	44	54	ADGSTINQNVK	45	99.08	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[5] F5 and F10		997/989	2.295	2.355	2.076	1	Mascot
1965.0215	1964.9554	-0.0661	-34	66	80	YAASSYLTLTGSEWK	143	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10		431/423	1.441	1.406	1.111	1	Mascot
1965.0215	1964.9746	-0.0469	-24	66	80	YAASSYLTLTGSEWK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3		305/297	0.646	0.651	1.101	1	Mascot
1965.0215	1965.0332	0.0117	6	66	80	YAASSYLTLTGSEWK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3		1179/1171	1.222	1.171	1.199	1	Mascot
1965.0215	1965.036	0.0145	7	66	80	YAASSYLTLTGSEWK	99	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[2] F4 and F13		260/252	1.119	0.884	1.125	1	Mascot
1965.0215	1965.1161	0.0946	48	66	80	YAASSYLTLTGSEWK	58	99.951	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3		1258/1250	1.435	1.240	1.203	1	Mascot
2062.9653	2062.8677	-0.0976	-47	83	98	SSYTCEVTHEGSTVTK	135	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[5] F5 and F10		260/252	1.407	0.862	1.048	1	Mascot
2062.9653	2062.8889	-0.0764	-37	83	98	SSYTCEVTHEGSTVTK	107	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[4] F11 and F3		173/165	0.641	0.707	0.942	1	Mascot
2062.9653	2062.9084	-0.0569	-28	83	98	SSYTCEVTHEGSTVTK	92	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[1] F8 061011		249/241	1.276	1.003	0.997	1	Mascot
2062.9653	2062.9226	-0.0427	-21	83	98	SSYTCEVTHEGSTVTK	105	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[3] F14,15,16 and F6		155/147	0.814	0.678	0.925	1	Mascot
2062.9653	2063.0234	0.0581	28	83	98	SSYTCEVTHEGSTVTK	131	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[3] F14,15,16 and F6		781/773	0.773	0.696	0.916	1	Mascot
2293.2173	2293.2178	0.0005	0	5	23	SAPSVTLFPSTEELSTN K	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[4] F11 and F3		1134/1126	1.116	0.901	0.875	1	Mascot
2558.3376	2558.3057	-0.0319	-12	24	43	ATVVCLINDYFGSVNVV WK	93	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[5]	[5] F5 and F10		584/576	1.013	0.788	0.841	1	Mascot
2558.3376	2558.415	0.0774	30	24	43	ATVVCLINDYFGSVNVV WK	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[5]	[2] F4 and F13		438/430	0.785	0.853	0.951	1	Mascot

15	keratin 1 [Homo sapiens]				gij 11935049	70199.8	8	504	2.650	3.123	1.530	0.954	1.100	0.475	10	10	10	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1353.7261	1353.6477	-0.0784	-58	356	364	AQYEDIAQK	66	99.992	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5] F5 and F10		212/204	1.793	2.301	1.310	1	Mascot
1421.8124	1421.7811	-0.0313	-22	473	483	LALDLEIATYR	54	99.888	(N-term)_iTRAQ[0]	[8] F2		459/451	2.369	3.051	1.562	1	Mascot
1590.92	1591.0013	0.0813	51	344	355	SLDLSIIAEVK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3		1257/1249	1.889	2.288	1.354	1	Mascot
1671.8951	1671.9244	0.0293	18	186	197	SLNNQFASFIDK	88	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13		231/223	3.331	4.145	1.664	1	Mascot
1671.8951	1671.9363	0.0412	25	186	197	SLNNQFASFIDK	56	99.929	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2] F4 and F13		988/980	2.321	3.168	1.044	1	Mascot
1772.9766	1772.91	-0.0666	-38	365	376	SKAEAESLYQSK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 2]	[1] F8 061011		229/221	3.252	3.392	1.963	1	Mascot

1772.9766	1772.9552	-0.0214	-12	365	376	SKAEAESLYQSK	50	99.7	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 2]	[1] F8 061011	169/161	1.755	1.828	1.161	1	Mascot
1826.0396	1826.1379	0.0983	54	278	289	TNAENEFVTIKK	50	99.728	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11, 12]	[7] F12 and F9 and F7 attempt 2	1279/1271	3.007	3.023	1.254	1	Mascot
1860.9536	1860.9867	0.0331	18	418	432	QISNLQQSISDAEQR	55	99.909	(N-term)_iTRAQ[0]	[4] F11 and F3	1071/1063	3.568	4.925	2.679	1	Mascot
2138.0791	2138.0222	-0.0569	-27	224	239	THNLEPYFESFINNLR	52	99.838	(N-term)_iTRAQ[0]	[5] F5 and F10	546/538	4.493	4.529	1.904	1	Mascot

16 alpha-1-antiproteinase precursor [Bos taurus] gjl27806941 51106.1 9 502 1.030 0.900 1.071 0.522 0.444 0.354 13 13 13 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1148.6772	1148.714	0.0368	32	358	365	AALTIDEK	47	99.452	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2] F4 and F13	912/904	0.704	0.427	0.930	1	Mascot
1168.646	1168.5886	-0.0574	-49	179	185	INDYVEK	41	97.517	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	228/220	1.350	1.050	1.293	1	Mascot
1440.8434	1440.9263	0.0829	58	178	185	KINDYVEK	48	99.571	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,8]	[7] F12 and F9 and F7 attempt 2	850/842	0.934	0.796	1.052	1	Mascot
1466.8352	1466.7963	-0.0389	-27	148	157	LVDTFLEDVK	57	99.948	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[5] F5 and F10	480/472	1.648	1.430	1.899	1	Mascot
1466.8352	1466.8562	0.021	14	148	157	LVDTFLEDVK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4] F11 and F3	1237/1229	1.187	1.407	1.454	1	Mascot
1466.8352	1466.8593	0.0241	16	148	157	LVDTFLEDVK	46	99.327	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	313/305	2.280	1.763	1.413	1	Mascot
1488.842	1488.9088	0.0668	45	302	312	YASSANLHLPK	41	97.802	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1282/1274	1.073	0.874	0.898	1	Mascot
1606.8323	1606.866	0.0337	21	229	239	DFHVDQTTVK	55	99.9	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3] F14,15,16 and F6	758/750	0.819	0.623	0.745	1	Mascot
1606.8323	1606.9128	0.0805	50	229	239	DFHVDQTTVK	45	99.023	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7] F12 and F9 and F7 attempt 2	1234/1226	0.708	0.616	0.675	1	Mascot
1675.7874	1675.8517	0.0643	38	246	256	LGMFDLHYCDK	60	99.972	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[3] F14,15,16 and F6	983/975	0.899	0.768	1.000	1	Mascot
1675.7874	1675.8717	0.0843	50	246	256	LGMFDLHYCDK	39	96.517	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[7] F12 and F9 and F7 attempt 2	1438/1430	0.521	0.696	0.983	1	Mascot
1761.0394	1760.9717	-0.0677	-38	301	312	KYASSANLHLPK	68	99.996	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 2]	[4] F11 and F3	179/171	0.727	0.771	0.827	1	Mascot
2201.2876	2201.3569	0.0693	31	282	296	LQQLDKLNELLAK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,1 5]	[3] F14,15,16 and F6	1000/992	1.758	1.458	1.341	1	Mascot

17 Ig lambda chain C region - sheep (fragment) gjl109030 13171.8 4 495 0.912 0.897 1.114 0.430 0.315 0.199 15 15 15 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1965.0215	1964.9554	-0.0661	-34	65	79	YAASSYLTLTGSEWK	143	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	431/423	1.441	1.406	1.111	1	Mascot
1965.0215	1964.9746	-0.0469	-24	65	79	YAASSYLTLTGSEWK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3	305/297	0.646	0.651	1.101	1	Mascot
1965.0215	1965.0332	0.0117	6	65	79	YAASSYLTLTGSEWK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3	1179/1171	1.222	1.171	1.199	1	Mascot
1965.0215	1965.036	0.0145	7	65	79	YAASSYLTLTGSEWK	99	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[2] F4 and F13	260/252	1.119	0.884	1.125	1	Mascot
1965.0215	1965.1161	0.0946	48	65	79	YAASSYLTLTGSEWK	58	99.951	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3	1258/1250	1.435	1.240	1.203	1	Mascot
2062.9653	2062.8677	-0.0976	-47	82	97	SSYTCEVTHEGSTVTK	135	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[5] F5 and F10	260/252	1.407	0.862	1.048	1	Mascot
2062.9653	2062.8889	-0.0764	-37	82	97	SSYTCEVTHEGSTVTK	107	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[4] F11 and F3	173/165	0.641	0.707	0.942	1	Mascot
2062.9653	2062.9084	-0.0569	-28	82	97	SSYTCEVTHEGSTVTK	92	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[1] F8 061011	249/241	1.276	1.003	0.997	1	Mascot
2062.9653	2062.9226	-0.0427	-21	82	97	SSYTCEVTHEGSTVTK	105	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[3] F14,15,16 and F6	155/147	0.814	0.678	0.925	1	Mascot
2062.9653	2063.0234	0.0581	28	82	97	SSYTCEVTHEGSTVTK	131	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[3] F14,15,16 and F6	781/773	0.773	0.696	0.916	1	Mascot
2492.3621	2492.2773	-0.0848	-34	4	22	SAPSVTLFPPSKEELDTN K	121	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12, 19]	[5] F5 and F10	359/351	0.744	0.805	1.156	1	Mascot
2492.3621	2492.3149	-0.0472	-19	4	22	SAPSVTLFPPSKEELDTN K	55	99.918	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12, 19]	[5] F5 and F10	601/593	1.239	1.499	1.427	1	Mascot
2492.3621	2492.3928	0.0307	12	4	22	SAPSVTLFPPSKEELDTN	77	99.999	(N-term)_iTRAQ[0]	[5] F5 and F10	1238/1230	0.881	1.122	1.745	1	Mascot

1696.8428	1696.9285	0.0857	51	56	68	AADETWEPFASGK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[2] F4 and F13	963/955	0.671	0.720	1.017	1 Mascot				
1877.9338	1877.9673	0.0335	18	69	83	TSDSGELHGLTTEDK	101	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[3] F14,15,16 and F6	759/751	0.585	0.626	0.945	1 Mascot				
1969.0403	1969.0217	-0.0186	-9	55	68	KAADETWEPFASGK	54	99.876	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 4]	[1] F8 061011	303/295	0.470	1.012	1.555	1 Mascot				
2758.4912	2758.5073	0.0161	6	124	146	HYTIAALLSPYSYSTTALV SSPK	46	99.238	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[23]	[2] F4 and F13	364/356	1.156	1.129	1.323	1 Mascot				
2858.4795	2858.6121	0.1326	46	69	90	TSDSGELHGLTTEDKFE GLYK	62	99.98	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15, 22]	[5] F5 and F10	1260/1252	0.266	0.162	0.675	1 Mascot				
2887.5339	2887.5481	0.0142	5	124	147	HYTIAALLSPYSYSTTALV SSPKE	49	99.643	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[23]	[2] F4 and F13	364/356	0.779	0.867	0.728	1 Mascot				
21	complement component C4 [Ovis aries]					gij 1227	15519.9	7	463	0.840	0.957	1.063	0.351	0.317	0.224	7	7	7	100

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1074.6769	1074.6154	-0.0615	-57	38	44	AVDLIQK	44	98.817	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	258/250	0.525	0.750	0.895	1	Mascot
1305.646	1305.6111	-0.0349	-27	56	65	DGSYGAWLHR	47	99.468	(N-term)_iTRAQ[0]	[1] F8 061011	272/264	0.701	0.715	1.110	1	Mascot
1655.9254	1655.9398	0.0144	9	66	77	DSSTWLTAFLVK	63	99.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1279/1271	0.631	0.754	0.755	1	Mascot
1717.9358	1717.9036	-0.0322	-19	93	105	LQETATWLLSQQR	55	99.904	(N-term)_iTRAQ[0]	[8] F2	443/435	1.664	1.525	1.310	1	Mascot
1778.7928	1778.7198	-0.073	-41	106	119	DDGSFHDPPVMDR	64	99.989	(N-term)_iTRAQ[0]	[5] F5 and F10	369/361	0.826	0.829	0.989	1	Mascot
1830.0219	1830.042	0.0201	11	78	92	ILSLAQDQVGGSPK	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3	1094/1086	1.047	1.360	1.205	1	Mascot
2380.3135	2380.197	-0.1165	-49	20	35	YLDKTEQWLLPPETK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,1 6]	[5] F5 and F10	417/409	0.880	1.062	1.308	1	Mascot

22	RecName: Full=Complement C4; Contains: RecName: Full=Complement C4 alpha chain; Contains: RecName:					gij 31563307	108117.7	9	458	0.939	1.028	1.112	0.436	0.321	0.323	9	9	9	100
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Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1074.6769	1074.6154	-0.0615	-57	226	232	AVDLIQK	44	98.817	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	258/250	0.525	0.750	0.895	1	Mascot
1109.6565	1109.5997	-0.0568	-51	351	358	ANTFLGAK	55	99.919	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	247/239	0.998	1.027	0.949	1	Mascot
1305.646	1305.6111	-0.0349	-27	244	253	DGSYGAWLHR	47	99.468	(N-term)_iTRAQ[0]	[1] F8 061011	272/264	0.701	0.715	1.110	1	Mascot
1351.7831	1351.8199	0.0368	27	12	21	LGQYTSPPVAK	41	97.714	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2] F4 and F13	921/913	1.681	1.345	1.936	1	Mascot
1374.8354	1374.892	0.0566	41	823	831	ITQVLHFTK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[7] F12 and F9 and F7 attempt 2	1346/1338	1.146	1.333	1.118	1	Mascot
1655.9254	1655.9398	0.0144	9	254	265	DSSTWLTAFLVK	63	99.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1279/1271	0.631	0.754	0.755	1	Mascot
1667.9102	1667.9253	0.0151	9	530	541	LEEELQFSLGSK	47	99.482	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1166/1158	0.823	0.922	1.014	1	Mascot
1712.9429	1712.8804	-0.0625	-36	517	529	SHVLQLTNHQVHR	44	98.967	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	133/125	0.926	1.225	1.275	1	Mascot
1717.9358	1717.9036	-0.0322	-19	281	293	LQETATWLLSQQR	55	99.904	(N-term)_iTRAQ[0]	[8] F2	443/435	1.664	1.525	1.310	1	Mascot

23	clustrin preproprotein [Bos taurus]					gij 27806907	55864.1	7	455	0.807	0.930	1.102	0.314	0.290	0.180	9	9	9	100
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Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1197.6877	1197.6389	-0.0488	-41	209	216	GSLFFNPK	59	99.966	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	332/324	0.444	0.810	0.907	1	Mascot
1197.6877	1197.7462	0.0585	49	209	216	GSLFFNPK	49	99.674	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2] F4 and F13	964/956	0.828	0.735	0.959	1	Mascot
1390.8403	1390.8541	0.0138	10	63	72	LLSSLEEAK	48	99.534	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4] F11 and F3	1168/1160	0.570	0.663	1.052	1	Mascot
1555.7546	1555.7681	0.0135	9	177	188	ASSIMDELQDR	72	99.998	(N-term)_iTRAQ[0]	[4] F11 and F3	1231/1223	0.815	0.922	1.145	1	Mascot
1555.7546	1555.7887	0.0341	22	177	188	ASSIMDELQDR	39	96.198	(N-term)_iTRAQ[0]	[4] F11 and F3	1252/1244	0.889	0.820	1.221	1	Mascot
1663.0377	1663.2009	0.1632	98	62	72	KLLSSLEEAK	54	99.896	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 1]	[7] F12 and F9 and F7 attempt 2	1373/1365	0.735	0.900	1.045	1	Mascot
1814.9899	1815.0369	0.047	26	332	343	LYDQLLSYQQK	81	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1160/1152	1.545	1.654	1.455	1	Mascot
1954.8759	1954.829	-0.0469	-24	162	176	EQSHVMDVMEDSFTR	96	100	(N-term)_iTRAQ[0]	[5] F5 and F10	376/368	1.012	1.318	1.310	1	Mascot

	2120.0322	2119.9683	-0.0639	-30	193	208	RPQDTQYSPFSSFP	46	99.234	(N-term)_iTRAQ[0]	[5] F5 and F10	384/376	0.837	0.894	0.940	1	Mascot		
24	albumin [Sus scrofa]					gij 164318	79319.3	7	442	0.940	1.069	0.924	1.048	1.235	0.607	21	21	21	100
Protein Group																			
	albumin [Sus scrofa]					gij 833798	79333.3												
	serum albumin precursor [Sus scrofa]					gij 52353352	79758.6												

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1175.6508	1175.6292	-0.0216	-18	481	487	LCVLHEK	41	97.477	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[1] F8 061011	283/275	0.990	0.972	0.967	1	Mascot
1175.6508	1175.6975	0.0467	40	481	487	LCVLHEK	40	97.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[7] F12 and F9 and F7 attempt 2	1293/1285	1.301	1.047	0.748	1	Mascot
1260.5291	1260.5676	0.0385	31	497	505	CCTESLVNR	43	98.581	(N-term)_iTRAQ[0], MMTS (C)[1,2]	[4] F11 and F3	1071/1063	1.992	2.408	1.293	1	Mascot
1302.8242	1302.7657	-0.0585	-45	547	555	QTALVELLK	44	98.958	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[3] F14,15,16 and F6	226/218	1.249	2.368	1.376	1	Mascot
1302.8242	1302.7715	-0.0527	-40	547	555	QTALVELLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5] F5 and F10	409/401	1.135	1.403	0.860	1	Mascot
1302.8242	1302.8359	0.0117	9	547	555	QTALVELLK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1149/1141	1.196	1.443	0.987	1	Mascot
1302.8242	1302.8368	0.0126	10	547	555	QTALVELLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	235/227	0.663	1.379	1.131	1	Mascot
1302.8242	1302.8618	0.0376	29	547	555	QTALVELLK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	995/987	0.751	1.218	1.051	1	Mascot
1344.6519	1344.7135	0.0616	46	411	418	QNCLEFEK	50	99.685	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[3]	[5] F5 and F10	1168/1160	0.100	0.100	0.184	1	Mascot
1344.6519	1344.7535	0.1016	76	411	418	QNCLEFEK	52	99.836	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[3]	[7] F12 and F9 and F7 attempt 2	921/913	0.158	0.131	0.285	1	Mascot
1575.0216	1574.9834	-0.0382	-24	546	555	KQTALVELLK	61	99.979	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[8] F2	375/367	1.065	1.281	1.002	1	Mascot
1575.0216	1575.0242	0.0026	2	546	555	KQTALVELLK	62	99.981	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[1] F8 061011	365/357	0.570	1.183	1.125	1	Mascot
1575.0216	1575.1365	0.1149	73	546	555	KQTALVELLK	57	99.941	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,1 0]	[7] F12 and F9 and F7 attempt 2	1362/1354	0.912	0.993	0.968	1	Mascot
1860.6581	1860.5664	-0.0917	-49	265	278	ECCHGDLLCADDR	92	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	474/466	1.263	1.107	0.804	1	Mascot
1860.6581	1860.6014	-0.0567	-30	265	278	ECCHGDLLCADDR	52	99.839	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	221/213	0.796	1.173	0.796	1	Mascot
1860.6581	1860.6028	-0.0553	-30	265	278	ECCHGDLLCADDR	81	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	407/399	1.372	1.168	1.163	1	Mascot
1860.6581	1860.6277	-0.0304	-16	265	278	ECCHGDLLCADDR	55	99.916	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[4] F11 and F3	329/321	3.021	1.621	1.794	1	Mascot
1860.6581	1860.6558	-0.0023	-1	265	278	ECCHGDLLCADDR	53	99.854	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[1] F8 061011	400/392	1.452	1.453	1.660	1	Mascot
1860.6581	1860.7362	0.0781	42	265	278	ECCHGDLLCADDR	44	98.798	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[5] F5 and F10	1264/1256	1.608	2.083	1.057	1	Mascot
1860.6581	1860.74	0.0819	44	265	278	ECCHGDLLCADDR	79	100	(N-term)_iTRAQ[0], MMTS (C)[2,3,10]	[3] F14,15,16 and F6	930/922	1.021	1.161	1.116	1	Mascot
2503.0405	2502.9846	-0.0559	-22	265	283	ECCHGDLLCADDRADLAK	82	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19], MMTS (C)[2,3,10]	[8] F2	420/412	1.456	1.205	0.971	1	Mascot

25	fibronectin					gij 224863	95322.7	6	421	1.309	1.001	1.011	0.725	0.723	0.350	7	7	7	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1281.6382	1281.6561	0.0179	14	296	305	FTNVGPDTMR	55	99.917	(N-term)_iTRAQ[0]	[4] F11 and F3	1019/1011	1.953	1.338	1.460	1	Mascot
1707.8938	1707.8341	-0.0597	-35	142	155	QYNVGPAASQYPLR	58	99.958	(N-term)_iTRAQ[0]	[8] F2	301/293	1.451	1.189	0.879	1	Mascot
1707.8938	1707.9291	0.0353	21	142	155	QYNVGPAASQYPLR	49	99.659	(N-term)_iTRAQ[0]	[4] F11 and F3	1040/1032	1.323	1.093	0.813	1	Mascot
1773.9731	1773.9127	-0.0604	-34	40	54	VDVIPVNLPGEHGQR	51	99.767	(N-term)_iTRAQ[0]	[5] F5 and F10	346/338	0.674	0.657	0.731	1	Mascot
1865.9967	1866.0474	0.0507	27	546	560	GDSPASSKPVSYNYR	52	99.828	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[3] F14,15,16 and F6	760/752	0.829	0.498	0.774	1	Mascot
1963.111	1963.114	0.003	2	156	171	NLQPGSEYAVSLVAVK	67	99.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4] F11 and F3	1137/1129	2.700	2.812	1.632	1	Mascot
2405.3208	2405.2563	-0.0645	-27	616	636	EINLAPDSSVVVSLMVATK	138	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[8] F2	472/464	1.162	0.630	1.119	1	Mascot

26 keratin, type I cytoskeletal 9 [Homo sapiens] gj|55956899 66101.5 4 411 2.070 2.735 1.391 1.362 2.399 0.635 4 4 4 100

Protein Group

cytokeratin 9 [Homo sapiens] gj|435476 66166.6
keratin 9 [Homo sapiens] gj|453155 66024.5

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1527.8542	1527.944	0.0898	59	185	192	IQDWYDKK	53	99.847	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,8]	[7]	F12 and F9 and F7 attempt 2	912/904	4.530	6.290	2.241	1	Mascot
2126.1704	2126.2537	0.0833	39	375	390	HGVQELEIELQSLSK	96	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[3]	F14,15,16 and F6	985/977	1.525	2.142	1.027	1	Mascot
2849.2634	2849.2075	-0.0559	-20	64	95	GGGGSFYSGGGGGG GFSASSLGGGFGGGSR	173	100	(N-term)_iTRAQ[0]	[8]	F2	398/390	2.238	3.619	1.791	1	Mascot
3511.4863	3511.269	-0.2173	-62	580	619	GGSGGSHGGGSGFGGE SGGSYGGGEEASGGG GYGGGSGK	89	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[40]	[5]	F5 and F10	203/195	1.187	1.147	0.908	1	Mascot

27 immunoglobulin gamma-1 chain [Ovis aries] gj|388235 55491.8 6 399 1.121 0.908 0.914 0.413 0.297 0.153 14 14 14 100

Protein Group

Ig gamma-1 chain - sheep (fragment) gj|346578 55377.8
Ig heavy chain C region - sheep (fragment) gj|109029 36810.4

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1245.7903	1245.8126	0.0223	18	466	473	SISKPPGK	40	97.201	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,8]	[7]	F12 and F9 and F7 attempt 2	771/763	1.417	0.696	1.242	1	Mascot
1424.6254	1424.6464	0.021	15	240	249	VEPGCPDPCK	44	98.87	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[5,9]	[2]	F4 and F13	217/209	1.191	0.948	0.737	1	Mascot
1424.6254	1424.6941	0.0687	48	240	249	VEPGCPDPCK	53	99.858	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[5,9]	[2]	F4 and F13	966/958	1.345	1.015	0.852	1	Mascot
2024.1174	2024.0583	-0.0591	-29	326	341	VVSALPIQHQDWTGGK	120	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	337/329	1.422	1.237	1.113	1	Mascot
2024.1174	2024.0848	-0.0326	-16	326	341	VVSALPIQHQDWTGGK	84	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	601/593	0.943	0.950	0.790	1	Mascot
2024.1174	2024.1013	-0.0161	-8	326	341	VVSALPIQHQDWTGGK	44	98.909	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[1]	F8 061011	340/332	1.520	1.610	1.005	1	Mascot
2024.1174	2024.1593	0.0419	21	326	341	VVSALPIQHQDWTGGK	117	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	1223/1215	1.366	1.203	1.170	1	Mascot
2115.1584	2115.1035	-0.0549	-26	369	384	EPQVYVLAPPQEELSK	55	99.91	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	378/370	0.547	0.633	0.801	1	Mascot
2115.1584	2115.1072	-0.0512	-24	369	384	EPQVYVLAPPQEELSK	54	99.885	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[8]	F2	379/371	0.803	0.626	0.816	1	Mascot
2115.1584	2115.1665	0.0081	4	369	384	EPQVYVLAPPQEELSK	58	99.95	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4]	F11 and F3	1120/1112	0.783	0.742	0.887	1	Mascot
2115.1584	2115.2253	0.0669	32	369	384	EPQVYVLAPPQEELSK	40	96.903	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4]	F11 and F3	1286/1278	1.105	0.710	0.773	1	Mascot
2289.0796	2289.0969	0.0173	8	417	435	YGTSTQLDADGSYFLYS R	76	99.999	(N-term)_iTRAQ[0]	[2]	F4 and F13	249/241	1.484	0.868	0.951	1	Mascot
3417.5969	3417.5835	-0.0134	-4	408	435	NGQPESEDKYGTSTSQL DADGSYFLYSR	43	98.616	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4]	F11 and F3	1149/1141	0.843	0.735	0.922	1	Mascot
3417.5969	3417.6345	0.0376	11	408	435	NGQPESEDKYGTSTSQL DADGSYFLYSR	53	99.871	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2]	F4 and F13	218/210	1.651	1.277	0.895	1	Mascot

28 antithrombin-III precursor [Ovis aries] gj|57164383 57635.1 7 397 1.043 1.093 1.051 0.258 0.162 0.143 7 7 7 100

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1212.6722	1212.6202	-0.052	-43	358	365	IEDSFSVK	38	95.419	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	283/275	0.763	0.897	0.904	1	Mascot
1507.8427	1507.809	-0.0337	-22	447	458	EVALNTHIFMGR	78	100	(N-term)_iTRAQ[0]	[8]	F2	483/475	1.075	1.155	0.994	1	Mascot
1510.7322	1510.7089	-0.0233	-15	47	57	DIPVNPMMCIYR	49	99.651	(N-term)_iTRAQ[0], MMTS (C)[8]	[8]	F2	436/428	0.984	1.000	1.165	1	Mascot
1628.8683	1628.927	0.0587	36	148	158	TSDQIHFFFAK	73	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3]	F14,15,16 and F6	926/918	1.314	1.119	1.154	1	Mascot
2065.8928	2065.9199	0.0271	13	275	290	ADGESCSVPMMYQEGK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[6]	[4]	F11 and F3	1097/1089	0.820	1.048	0.916	1	Mascot
2147.1794	2147.251	0.0716	33	134	147	QLMEVFKFDTISEK	40	97.156	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,1]	[3]	F14,15,16 and F6	993/985	1.494	1.450	1.299	1	Mascot

		2586.3484	2586.3784	0.03	12	104	124	NNNDNIFLSPLSISTAFAM TK	48	99.532	4] (N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[4] F11 and F3	1347/1339	1.031	1.059	0.985	1	Mascot	
29	insulin-like growth factor-binding protein 2 precursor [Ovis aries]	gj 57164237	37202.1	7	394	0.900	1.147	1.249	0.349	0.456	0.260	7	7	7	7	100			
Protein Group		insulin-like growth factor-binding protein 2 precursor [Bos taurus] gj 27807005 37028																	
Peptide Information		Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
		1347.7631	1347.8269	0.0638	47	200	208	HHLGLEEPK	53	99.863	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13	897/889	0.659	1.149	1.127	1	Mascot	
		1477.7369	1477.8073	0.0704	48	115	125	ALVHGEGTCEK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[7] F12 and F9 and F7 attempt 2	1230/1222	0.645	0.843	1.008	1	Mascot	
		1535.7451	1535.7174	-0.0277	-18	103	114	CYPNPGSELPLR	51	99.751	(N-term)_iTRAQ[0], MMTS (C)[1]	[8] F2	377/369	1.693	1.930	1.508	1	Mascot	
		1619.9604	1619.8883	-0.0721	-45	200	209	HHLGLEEPPK	49	99.652	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9,10]	[3] F14,15,16 and F6	120/112	1.121	1.579	1.754	1	Mascot	
		1748.8412	1748.7885	-0.0527	-30	217	229	TPCQQELDQVLER	70	99.997	(N-term)_iTRAQ[0], MMTS (C)[3]	[8] F2	471/463	1.040	1.206	1.301	1	Mascot	
		2053.896	2053.8206	-0.0754	-37	294	309	GDPECHLFYNEQQGAR	40	97.315	(N-term)_iTRAQ[0], MMTS (C)[5]	[5] F5 and F10	336/328	0.822	1.121	1.180	1	Mascot	
		2170.1016	2170.0754	-0.0262	-12	240	255	GPLEHLYSLHIPNCDK	60	99.972	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[14]	[1] F8 061011	448/440	0.696	0.655	1.026	1	Mascot	
30	pigment epithelium-derived factor precursor [Bos taurus]	gj 27806487	50038.9	5	388	1.444	1.516	1.330	0.895	1.142	0.283	5	5	5	5	100			
Peptide Information		Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
		1188.8052	1188.8368	0.0316	27	344	350	ITGKPIK	38	95.926	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,7]	[7] F12 and F9 and F7 attempt 2	817/809	2.031	1.738	1.551	1	Mascot	
		1655.889	1655.9127	0.0237	14	332	343	LQSLFDAPDFSK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1201/1193	1.583	2.048	1.402	1	Mascot	
		1703.8877	1703.8383	-0.0494	-29	52	65	LAAAVSNFGYDLYR	80	100	(N-term)_iTRAQ[0]	[8] F2	469/461	1.521	1.507	1.149	1	Mascot	
		2271.1907	2271.1118	-0.0789	-35	105	121	ALYYDLISNPDIHGTYK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[5] F5 and F10	431/423	0.576	0.534	0.993	1	Mascot	
		2362.3997	2362.3604	-0.0393	-17	261	279	IAQLPLTGSTSIIFLPQK	99	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[8] F2	560/552	2.233	2.800	1.675	1	Mascot	
31	RecName: Full=Gelsolin; AltName: Full=Actin-depolymerizing factor; Short=ADF; AltName: Full=Brevin;	gj 121118	91483.3	6	371	0.946	1.141	1.045	0.306	0.372	0.239	6	6	6	6	100			
Peptide Information		Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
		1116.5773	1116.5212	-0.0561	-50	659	665	LFACSNK	44	98.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[4]	[5] F5 and F10	319/311	1.188	1.847	1.116	1	Mascot	
		1156.646	1156.5836	-0.0624	-54	351	358	TASDFISK	44	98.767	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	238/230	1.408	1.377	1.390	1	Mascot	
		2011.0422	2010.9756	-0.0666	-33	138	152	EVQGFESATFLGYFK	88	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[5] F5 and F10	508/500	0.837	0.865	0.824	1	Mascot	
		2042.0039	2042.002	-0.0019	-1	318	331	SEDCFILDHGKDGK	73	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11,14], MMTS (C)[4]	[5] F5 and F10	1196/1188	0.799	1.148	1.075	1	Mascot	
		2098.0886	2098.126	0.0374	18	704	718	DSQEEEKTEALSAK	67	99.994	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,15]	[3] F14,15,16 and F6	758/750	1.065	1.104	1.221	1	Mascot	
		2590.3035	2590.3271	0.0236	9	617	638	AQPVQVAEGSEPDSFWE ALGGK	56	99.932	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[22]	[4] F11 and F3	1221/1213	0.602	0.794	0.777	1	Mascot	
32	prostaglandin-H2 D-isomerase [Ovis aries]	gj 57164293	22794.6	4	343	1.025	1.089	1.018	0.382	0.351	0.219	8	8	8	8	100			
Peptide Information		Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
		1608.8176	1608.7279	-0.0897	-56	138	151	GPGPDSLMLATLYSR	48	99.581	(N-term)_iTRAQ[0]	[5] F5 and F10	424/416	0.996	1.175	0.837	1	Mascot	

1608.8176	1608.781	-0.0366	-23	138	151	GPGPDSLMATLYSR	82	100	(N-term)_iTRAQ[0]	[8] F2	420/412	0.812	0.730	0.887	1 Mascot
1608.8176	1608.8326	0.015	9	138	151	GPGPDSLMATLYSR	88	100	(N-term)_iTRAQ[0]	[4] F11 and F3	1172/1164	0.651	0.740	0.913	1 Mascot
1825.0356	1825.0129	-0.0227	-12	169	182	SLGFTEEGIVFLPK	38	95.615	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[5] F5 and F10	1356/1348	1.538	1.409	1.558	1 Mascot
1825.0356	1825.0688	0.0332	18	169	182	SLGFTEEGIVFLPK	102	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4] F11 and F3	1247/1239	0.999	0.863	1.011	1 Mascot
1825.0356	1825.0907	0.0551	30	169	182	SLGFTEEGIVFLPK	66	99.992	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[2] F4 and F13	325/317	0.802	1.288	0.873	1 Mascot
2148.1011	2148.1353	0.0342	16	43	58	WFTSGLASNSSWFLEK	40	97.471	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4] F11 and F3	1299/1291	1.796	1.576	1.025	1 Mascot
2313.3076	2313.2129	-0.0947	-41	169	185	SLGFTEEGIVFLPKTDK	113	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14,17]	[5] F5 and F10	442/434	1.046	1.266	1.207	1 Mascot

33 beta-2-microglobulin precursor [Ovis aries] gi|57164311 14844.8 4 340 0.914 0.991 1.166 0.296 0.384 0.185 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1415.7264	1415.6598	-0.0666	-47	68	77	SEQSDLSFSK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[5] F5 and F10	232/224	232/224	0.904	1.050	1.300	1	Mascot
1424.8472	1424.9287	0.0815	57	101	110	VNHVTLTQPK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[7] F12 and F9 and F7 attempt 2	1219/1211	1219/1211	0.846	0.672	1.051	1	Mascot
1801.0078	1800.9515	-0.0563	-31	66	77	IKSEQSDLSFSK	85	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,12]	[1] F8 061011	249/241	249/241	1.410	1.629	1.392	1	Mascot
2330.1704	2330.0967	-0.0737	-32	78	94	DWSFYLLSHAEFTPNK	114	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[5] F5 and F10	498/490	498/490	0.646	0.838	0.973	1	Mascot

34 RecName: Full=Plasminogen gi|3914364 41059.2 4 322 1.081 1.033 1.206 0.280 0.359 0.146 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1358.74	1358.7659	0.0259	19	179	189	EASVQEIPVSR	59	99.967	(N-term)_iTRAQ[0]	[4] F11 and F3	990/982	990/982	1.094	1.065	1.428	1	Mascot
1754.8907	1754.85	-0.0407	-23	329	341	VSTYVPWIEETMR	49	99.67	(N-term)_iTRAQ[0]	[8] F2	485/477	485/477	1.339	1.485	1.250	1	Mascot
2095.9067	2095.8589	-0.0478	-23	67	83	NPDGDVNGPWCYTTNPR	76	99.999	(N-term)_iTRAQ[0], MMTS (C)[11]	[8] F2	363/355	363/355	1.260	1.111	1.064	1	Mascot
3243.3635	3243.3074	-0.0561	-17	274	302	STELCAGDLGGTDSQC GDSGGLVCFEK	138	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[29], MMTS (C)[5,16,26]	[8] F2	518/510	518/510	0.741	0.648	1.113	1	Mascot

35 ectonucleotide pyrophosphatase/phosphodiesterase family member 2 [Pongo abelii] gi|197101079 111363.4 7 316 1.151 1.036 1.176 0.521 0.536 0.378 7 7 7 100

Protein Group

Ectonucleotide pyrophosphatase/phosphodiesterase 2 [Homo sapiens]	gi 22137786	108526.8
autotaxin-t [Homo sapiens]	gi 1160616	108540.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1622.8121	1622.7762	-0.0359	-22	314	326	YGPFGPEMTNPLR	40	97.096	(N-term)_iTRAQ[0]	[8] F2	414/406	414/406	1.399	1.230	1.244	1	Mascot
1636.8456	1636.7698	-0.0758	-46	850	861	DIEHLTSLDFFR	52	99.84	(N-term)_iTRAQ[0]	[5] F5 and F10	468/460	468/460	0.930	0.670	1.345	1	Mascot
1700.6986	1700.6548	-0.0438	-26	59	71	CFELQEAGPPDCR	44	98.781	(N-term)_iTRAQ[0], MMTS (C)[1,12]	[8] F2	421/413	421/413	1.613	1.375	1.184	1	Mascot
1748.7751	1748.8528	0.0777	44	465	476	CFFQGDHGFNDK	40	97.062	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[1]	[7] F12 and F9 and F7 attempt 2	1347/1339	1347/1339	1.040	1.108	1.376	1	Mascot
1977.1782	1977.1207	-0.0575	-29	412	422	KPDQHFKPYLK	45	99.086	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,7,11]	[3] F14,15,16 and F6	148/140	148/140	0.704	0.780	0.995	1	Mascot
2295.1804	2295.137	-0.0434	-19	715	731	YDAFLVTNMVPMYPAFK	49	99.667	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[8] F2	551/543	551/543	2.164	2.163	1.722	1	Mascot
2437.2358	2437.2441	0.0083	3	696	714	QMSYGLFPPYLSSSPEAK	46	99.267	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[4] F11 and F3	1282/1274	1282/1274	0.805	0.604	0.665	1	Mascot

36 complement component C4 [Ovis aries] gi|1235 15731.1 5 287 0.787 0.909 1.057 0.337 0.284 0.263 5 5 5 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1074.6769	1074.6154	-0.0615	-57	38	44	AVDLIQK	44	98.817	(N-term)_iTRAQ[0]	[5] F5 and F10	258/250	258/250	0.525	0.750	0.895	1	Mascot

Protein ID	Accession	Score	Length	Start	End	Sequence	Ion Score	C. I.	% Modification	Plate	[#] Name	Gel Idx/Pos	[4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
1305.646	1305.6111	-0.0349	-27	56	65	DGSYGAWLHR	47	99.468	Lysine(K)_iTRAQ[7]	[1]	F8 061011	272/264		0.701	0.715	1.110	1	Mascot
1655.9254	1655.9398	0.0144	9	66	77	DSSTWLTAFLVK	63	99.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1279/1271		0.631	0.754	0.755	1	Mascot
2020.126	2020.2085	0.0825	41	92	105	KLQETAMWLLSQQR	38	95.783	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[3]	F14,15,16 and F6	1022/1014		1.478	1.446	1.344	1	Mascot
2380.3135	2380.197	-0.1165	-49	20	35	YLDKTEQWLLPPETK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,1 6]	[5]	F5 and F10	417/409		0.880	1.062	1.308	1	Mascot

37 Chain A, Crystal Structure Of The First Active Autolysate Form Of The Porcine Alpha Trypsin gij1942351 14234.1 3 286 0.738 0.640 0.908 0.329 0.307 0.067 5 5 5 100

Protein Group

Chain A, Complex Of The Second Kunitz Domain Of Tissue Factor Pathway Inhibitor With Porcine Trypsin	gij2914482	25597.4
Chain A, The Refined 1.6 Angstroms Resolution Crystal Structure Of The Complex Formed Between Porci	gij494360	25595.4
Chain B, Refined 1.8 Angstroms Resolution Crystal Structure Of Porcine Epsilon-Trypsin	gij999627	9481.9
RecName: Full=Trypsin; Flags: Precursor	gij136429	26674.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate	[#] Name	Gel Idx/Pos	[4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
													114/117*	115/117*	116/117*		
1189.6661	1189.6781	0.012	10	90	99	LSSPATLNSR	38	95.333	(N-term)_iTRAQ[0]	[4]	F11 and F3	974/966	1.341	1.152	0.900	1	Mascot
2499.3088	2499.1692	-0.1396	-56	50	69	LGEHNIDVLEGFNEQFINA AK	131	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	474/466	0.648	0.528	0.797	1	Mascot
2499.3088	2499.2151	-0.0937	-37	50	69	LGEHNIDVLEGFNEQFINA AK	183	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	399/391	0.691	0.566	0.950	1	Mascot
2499.3088	2499.4016	0.0928	37	50	69	LGEHNIDVLEGFNEQFINA AK	117	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	1265/1257	0.433	0.371	0.926	1	Mascot
2571.385	2571.4092	0.0242	9	70	89	IITHPNFNGLTLDNDIMLIK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[2]	F4 and F13	306/298	0.842	0.838	0.978	1	Mascot

38 Chain E, Leech-Derived Trypsin InhibitorTRYPSIN COMPLEX gij3318722 25594.3 3 286 0.738 0.640 0.908 0.329 0.307 0.067 5 5 5 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate	[#] Name	Gel Idx/Pos	[4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
													114/117*	115/117*	116/117*		
1189.6661	1189.6781	0.012	10	90	99	LSSPATLXSR	38	95.333	(N-term)_iTRAQ[0]	[4]	F11 and F3	974/966	1.341	1.152	0.900	1	Mascot
2499.3088	2499.1692	-0.1396	-56	50	69	LGEHNIDVLEGFNEQFINA AK	131	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	474/466	0.648	0.528	0.797	1	Mascot
2499.3088	2499.2151	-0.0937	-37	50	69	LGEHNIDVLEGFNEQFINA AK	183	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	399/391	0.691	0.566	0.950	1	Mascot
2499.3088	2499.4016	0.0928	37	50	69	LGEHNIDVLEGFNEQFINA AK	117	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	1265/1257	0.433	0.371	0.926	1	Mascot
2571.385	2571.4092	0.0242	9	70	89	IITHPNFNGLTLDNDIMLIK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[2]	F4 and F13	306/298	0.842	0.838	0.978	1	Mascot

39 serpin A3-1 precursor [Bos taurus] gij31340900 49725.6 4 278 0.730 0.625 1.279 0.330 0.329 0.312 5 5 5 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate	[#] Name	Gel Idx/Pos	[4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
													114/117*	115/117*	116/117*		
1300.7875	1300.8687	0.0812	62	301	308	IHELYLPK	55	99.915	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[7]	F12 and F9 and F7 attempt 2	1320/1312	1.141	0.831	1.636	1	Mascot
1409.825	1409.8518	0.0268	19	395	404	DTQSIIFLGK	79	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4]	F11 and F3	1109/1101	0.888	0.588	1.142	1	Mascot
1548.9094	1548.8564	-0.053	-34	87	98	GSTLTEILEGLK	68	99.995	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[5]	F5 and F10	516/508	0.409	0.412	0.987	1	Mascot
1548.9094	1548.9353	0.0259	17	87	98	GSTLTEILEGLK	88	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1272/1264	0.553	0.396	1.102	1	Mascot
1624.9645	1624.9529	-0.0116	-7	182	191	TQKIEELFK	57	99.938	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,1 0]	[1]	F8 061011	342/334	0.904	1.201	1.682	1	Mascot

40 amyloid beta A4 protein isoform b precursor [Homo sapiens] gij41406055 91356.8 4 276 1.236 0.919 0.950 0.359 0.256 0.244 5 5 5 100

Protein Group

A4 amyloid protein precursor [Homo sapiens]	gij871360	84843.2
App protein [Rattus norvegicus]	gij38303889	89480.9

RecName: Full=Amyloid beta A4 protein; AltName: Full=ABPP; Short=APP; AltName: Full=Alzheimer disea	gij3912955	91431.8
RecName: Full=Amyloid beta A4 protein; AltName: Full=ABPP; Short=APP; AltName: Full=Alzheimer disea	gij28558768	93897.2
RecName: Full=Amyloid beta A4 protein; AltName: Full=ABPP; Short=APP; AltName: Full=Alzheimer disea	gij30172731	93996.4
amyloid beta A4 precursor protein [Macaca fascicularis]	gij52782183	84206
amyloid beta A4 protein [Canis lupus familiaris]	gij54633336	94042.5
amyloid beta A4 protein [Pan troglodytes]	gij61316399	93796.1
amyloid beta A4 protein [Pongo abelii]	gij197099512	84749.2
amyloid beta A4 protein [Rattus norvegicus]	gij27436861	93673.2
amyloid beta A4 protein [Sus scrofa]	gij47523800	93930.3
amyloid beta A4 protein isoform 1 precursor [Mus musculus]	gij311893401	93691.2
amyloid beta A4 protein isoform 2 precursor [Mus musculus]	gij47271504	84709.3
amyloid beta A4 protein isoform a precursor [Homo sapiens]	gij4502167	93768.1
amyloid beta A4 protein isoform c precursor [Homo sapiens]	gij41406057	84785.2
amyloid beta A4 protein isoform e precursor [Homo sapiens]	gij209915570	78109.1
amyloid precursor protein [Homo sapiens]	gij609449	59429.5
amyloid-beta precursor protein-like protein long isoform [Mus musculus]	gij30385620	93721.2
amyloid-beta protein [Homo sapiens]	gij178615	67534.8
beta amyloid precursor protein isoform APP695 [Canis lupus familiaris]	gij40950174	85059.6
beta amyloid precursor protein isoform APP751 [Canis lupus familiaris]	gij40950176	91659.2
beta-amyloid protein [Mus musculus]	gij309085	84837.4
hippocampal amyloid precursor protein [Mus musculus]	gij1805299	84681.2
putative amyloid precursor protein [Cavia sp.]	gij1418676	85111.5
unnamed protein product [Rattus rattus]	gij55617	84749.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1387.7943	1387.745	-0.0493	-36	411	419 AVIQHFQEK	63	99.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[1]	F8 061011	218/210	0.871	0.639	0.974	1	Mascot		
1387.7943	1387.8531	0.0588	42	411	419 AVIQHFQEK	48	99.495	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[7]	F12 and F9 and F7 attempt 2	1234/1226	1.282	0.803	0.658	1	Mascot		
1518.752	1518.7815	0.0295	19	420	431 VESLEQEAAANER	50	99.727	(N-term)_iTRAQ[0]	[4]	F11 and F3	1015/1007	1.659	1.194	1.085	1	Mascot		
2039.0784	2039.1174	0.039	19	117	132 CLVGEFVSDALLVPDK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[1]	[4]	F11 and F3	1354/1346	1.587	1.220	1.298	1	Mascot		
2211.084	2210.9844	-0.0996	-45	162	178 STNLHDYGMLLPCGIDK	86	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], MMTS (C)[13]	[5]	F5 and F10	470/462	0.983	0.877	0.855	1	Mascot		
41	72 kDa type IV collagenase precursor [Bos taurus]				gij27807447	81088.1	5	275	1.112	0.828	1.011	0.633	0.207	0.249	5	5	5	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1325.71	1325.6624	-0.0476	-36	569	577 VDAAFNWSK	47	99.369	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5]	F5 and F10	332/324	2.493	0.947	0.960	1	Mascot
1562.8451	1562.8724	0.0273	17	148	159 AFQVWSDVTPLR	46	99.269	(N-term)_iTRAQ[0]	[4]	F11 and F3	1203/1195	1.013	1.076	1.260	1	Mascot
1695.8013	1695.8027	0.0014	1	177	188 WEHGDGYPFDGK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[1]	F8 061011	292/284	0.640	0.652	0.677	1	Mascot
1723.8636	1723.9016	0.038	22	521	532 IDAVYEDPQEEK	70	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1012/1004	1.172	0.950	1.175	1	Mascot
2568.3193	2568.2312	-0.0881	-34	46	63 TDKELAVQYLNTFYGCPK	49	99.616	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,1]	[5]	F5 and F10	492/484	0.898	0.617	1.098	1	Mascot

8], MMTS (C)[16]

42 phospholipid transfer protein [Bos taurus] gi|78042516 59170.3 3 256 0.831 1.094 0.968 0.375 0.495 0.236 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2383.3193	2383.2776	-0.0417	-17	319	338	ASYFGSIVLMSPAVIDSPLK	117	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[8]	F2	548/540	0.734	0.738	0.906	1	Mascot
2383.3193	2383.3296	0.0103	4	319	338	ASYFGSIVLMSPAVIDSPLK	43	98.715	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[4]	F11 and F3	1331/1323	0.639	1.310	1.014	1	Mascot
2428.3235	2428.4136	0.0901	37	461	480	EVVTNHAGFLTIGADLHF AK	50	99.74	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[3]	F14,15,16 and F6	986/978	0.646	0.804	0.721	1	Mascot
2587.4956	2587.4431	-0.0525	-20	409	429	IYSNQSALSLALPLQTP LK	89	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[8]	F2	550/542	1.574	1.845	1.323	1	Mascot

43 insulin-like growth factor-binding protein 7 [Homo sapiens] gi|4504619 32244.8 3 253 0.755 0.614 1.007 0.730 0.256 0.350 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1722.0411	1721.9779	-0.0632	-37	263	275	ITVVDALHEIPVK	47	99.493	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[5]	F5 and F10	432/424	1.317	0.762	0.991	1	Mascot
1994.2385	1994.2294	-0.0091	-5	263	276	ITVVDALHEIPVKK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13,14]	[1]	F8 061011	394/386	1.122	0.809	1.463	1	Mascot
2574.1062	2573.9592	-0.147	-57	241	262	EDAGEYECHASNSQGQA SASAK	140	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[22], MMTS (C)[8]	[5]	F5 and F10	202/194	0.292	0.376	0.705	1	Mascot

44 keratin, type II cytoskeletal 2 epidermal [Homo sapiens] gi|47132620 70810.8 3 243 1.296 1.111 0.995 0.120 0.193 0.149 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1617.9309	1617.9594	0.0285	18	342	353	NLDLDSIIAEVK	63	99.987	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1254/1246	1.303	1.373	0.902	1	Mascot
1823.9874	1823.9167	-0.0707	-39	363	374	SKEEAEALYHSK	44	98.886	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,12]	[4]	F11 and F3	147/139	1.160	0.932	0.902	1	Mascot
2543.1206	2543.074	-0.0466	-18	93	122	GGGFGGGSSFGGGSGF SGGGFGGGGFGGGR	135	100	(N-term)_iTRAQ[0]	[8]	F2	399/391	1.442	1.073	1.212	1	Mascot

45 RecName: Full=Brevican core protein; Flags: Precursor gi|2497653 103281.3 3 241 1.521 1.489 1.258 0.275 0.279 0.253 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1027.6299	1027.626	-0.0039	-4	894	899	LVGHWK	39	96.772	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[5]	F5 and F10	1132/1124	1.302	1.822	1.520	1	Mascot
1951.9998	1951.9644	-0.0354	-18	284	300	IATTGQLYAAWDGGLDR	94	100	(N-term)_iTRAQ[0]	[8]	F2	440/432	1.915	1.512	1.334	1	Mascot
2165.0081	2164.9214	-0.0867	-40	137	153	CEVQHGIDSSDAVEVK	108	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], MMTS (C)[1]	[5]	F5 and F10	286/278	1.412	1.197	0.982	1	Mascot

46 RecName: Full=Fibrinogen beta chain; Contains: RecName: Full=Fibrinopeptide B; Contains: RecName: F gi|1346006 59431.9 3 239 1.247 1.404 0.741 0.133 0.021 0.107 3 3 3 100

Protein Group

Chain B, The Crystal Structure Of Modified Bovine Fibrinogen (At ~4 Angstrom Resolution) gi|6980815 52216.1
 fibrinogen beta chain [Bos taurus] gi|357 54018

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1383.6202	1383.5822	-0.038	-27	404	413	EDGGGWYNR	43	98.469	(N-term)_iTRAQ[0]	[5]	F5 and F10	323/315	1.334	1.391	0.733	1	Mascot
1867.0409	1866.9756	-0.0653	-35	278	291	QFGNIATNAEGKK	127	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13,14]	[1]	F8 061011	233/225	1.345	1.433	0.878	1	Mascot
1899.8986	1899.9613	0.0627	33	423	435	YYWGGAYTWDMAK	69	99.996	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4]	F11 and F3	1211/1203	1.081	1.387	0.632	1	Mascot

47 RecName: Full=Apolipoprotein A-I; Short=Apo-AI; gij3915607 33204 3 232 0.826 0.890 0.907 0.241 0.303 0.293 5 5 5 100
 Short=ApoA-I; AltName: Full=Apolipoprotein A1; Flag

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1686.8948	1686.8357	-0.0591	-35	51	63 DYVAQFEASALGK	97	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[5]	F5 and F10	432/424	1.190	1.214	1.391	1	Mascot
1686.8948	1686.9039	0.0091	5	51	63 DYVAQFEASALGK	98	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4]	F11 and F3	1179/1171	0.671	0.726	0.836	1	Mascot
1686.8948	1686.9125	0.0177	10	51	63 DYVAQFEASALGK	87	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[2]	F4 and F13	262/254	0.727	0.681	0.582	1	Mascot
2102.0764	2102.1504	0.074	35	47	63 DSGRDYVAQFEASALGK	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17]	[3]	F14,15,16 and F6	931/923	1.056	1.331	0.977	1	Mascot
2221.1387	2221.1797	0.041	18	85	100 EQIGPVTQEFWDNLEK	60	99.974	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4]	F11 and F3	1247/1239	0.628	0.698	0.928	1	Mascot

48 Chain A, Crystal Structure Of Bovine Holo-Rbp At Ph 4.0 gij31615476 22018.7 4 230 1.067 1.151 1.126 0.264 0.296 0.113 6 6 6 100

Protein Group

RecName: Full=Retinol-binding protein 4; AltName: Full=Plasma retinol-binding protein; Short=PRBP; gij132403 23060.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1311.7644	1311.7521	-0.0123	-9	11	17 VKENFDK	40	97.162	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,7]	[5]	F5 and F10	1041/1033	1.030	1.314	1.266	1	Mascot
1433.7498	1433.7698	0.02	14	20	29 FAGTWYAMAK	61	99.977	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2]	F4 and F13	222/214	1.375	1.470	1.046	1	Mascot
1478.7737	1478.8044	0.0307	21	140	150 DSPGFSPVEVQK	42	98.134	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[4]	F11 and F3	995/987	1.012	0.857	1.065	1	Mascot
1478.7737	1478.8202	0.0465	31	140	150 DSPGFSPVEVQK	57	99.94	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[2]	F4 and F13	913/905	0.724	0.885	1.092	1	Mascot
1486.8304	1486.8406	0.0102	7	90	99 YWGVASFLQK	57	99.938	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4]	F11 and F3	1228/1220	1.399	1.051	1.019	1	Mascot
1486.8304	1486.8527	0.0223	15	90	99 YWGVASFLQK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2]	F4 and F13	308/300	1.013	1.506	1.302	1	Mascot

49 complement component 4, gene 2 [Rattus norvegicus] gij50657362 205542.6 4 228 0.874 1.080 1.145 0.213 0.359 0.367 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1108.6613	1108.6101	-0.0512	-46	158	164 VFALDQK	43	98.61	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5]	F5 and F10	283/275	0.962	1.522	1.639	1	Mascot
1374.8354	1374.892	0.0566	41	1640	1648 ITQLVHFTK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[7]	F12 and F9 and F7 attempt 2	1346/1338	1.146	1.333	1.118	1	Mascot
1641.8676	1641.9149	0.0473	29	773	782 SFFPENWLWK	58	99.954	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2]	F4 and F13	382/374	0.841	0.889	1.241	1	Mascot
1655.9254	1655.9398	0.0144	9	1068	1079 DSSTWLTAFVLK	63	99.986	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1279/1271	0.631	0.754	0.755	1	Mascot

50 hypothetical protein [Homo sapiens] gij30722344 263094.8 3 227 0.978 0.766 0.827 0.295 0.215 0.198 3 3 3 100

Protein Group

- fibronectin 1 [Homo sapiens] gij53791223 263248.7
- fibronectin isoform 1 preproprotein [Homo sapiens] gij47132557 286441.2
- fibronectin isoform 3 preproprotein [Homo sapiens] gij16933542 273344.7
- fibronectin isoform 4 preproprotein [Homo sapiens] gij47132555 270632.3
- fibronectin isoform 5 preproprotein [Homo sapiens] gij47132553 266655.4
- fibronectin isoform 6 preproprotein [Homo sapiens] gij47132549 253334.6
- fibronectin precursor [Homo sapiens] gij31397 270764.3
- hypothetical protein [Homo sapiens] gij31874109 283329.9
- hypothetical protein [Homo sapiens] gij31873670 282968.7
- hypothetical protein [Homo sapiens] gij34364820 283118.8

hypothetical protein [Homo sapiens]	gi 34364617	266596.4
hypothetical protein [Homo sapiens]	gi 51476292	273249.9
hypothetical protein [Homo sapiens]	gi 51476364	260414.5
hypothetical protein [Homo sapiens]	gi 51476362	263051.6

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1545.7683	1545.7308	-0.0375	-24	147	156 HYQINQWVER	40	96.86	(N-term)_iTRAQ[0]	[1]	F8 061011	245/237	1.194	1.086	0.692	1	Mascot
1773.9731	1773.9127	-0.0604	-34	1028	1042 VDVIPVNLPGHEGQR	51	99.767	(N-term)_iTRAQ[0]	[5]	F5 and F10	346/338	0.674	0.657	0.731	1	Mascot
2405.3208	2405.2563	-0.0645	-27	1766	1786 EINLAPDSSSVVVSGLMV ATK	138	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[8]	F2	472/464	1.162	0.630	1.119	1	Mascot

51 Keratin 10 [Homo sapiens] gi|21961605 62434.1 3 221 2.039 1.674 1.044 0.703 0.409 0.277 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1397.6947	1397.656	-0.0387	-28	335	343 DAEAWFNEK	46	99.245	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5]	F5 and F10	327/319	1.571	1.362	0.757	1	Mascot
1427.827	1427.9156	0.0886	62	178	184 IKEWYEK	44	98.878	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,7]	[7]	F12 and F9 and F7 attempt 2	907/899	3.086	2.265	1.319	1	Mascot
2476.051	2476.0151	-0.0359	-14	60	86 GSSGGGCFGGSSGGYG GLGGFGGGSFR	131	100	(N-term)_iTRAQ[0], MMTS (C)[7]	[8]	F2	438/430	1.748	1.520	1.139	1	Mascot

52 RecName: Full=Hemoglobin subunit beta; AltName: Full=Beta-globin; AltName: Full=Hemoglobin beta cha gi|122686 17982.6 3 219 0.492 1.057 1.901 0.117 0.151 0.130 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1224.6986	1224.6554	-0.0432	-35	8	16 AAVTGFWGK	56	99.929	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5]	F5 and F10	328/320	0.455	1.137	2.081	1	Mascot
2156.1135	2156.1538	0.0403	19	116	131 HHGNEFTPVLQADFQK	50	99.697	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	1221/1213	0.398	0.876	1.852	1	Mascot
2441.1804	2441.0972	-0.0832	-34	40	58 FFEHFGDLSNADAVMNN PK	113	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[5]	F5 and F10	431/423	0.658	1.185	1.781	1	Mascot

53 inter-alpha-trypsin inhibitor heavy chain H2 precursor [Sus scrofa] gi|47522678 114146.5 4 217 1.032 1.175 0.969 0.510 0.400 0.240 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1481.8236	1481.7925	-0.0311	-21	478	488 FYNQVSTPLLR	56	99.932	(N-term)_iTRAQ[0]	[8]	F2	381/373	1.946	1.783	1.165	1	Mascot
1707.9315	1707.9822	0.0507	30	166	176 VQFELHYQEVK	45	99.121	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3]	F14,15,16 and F6	857/849	0.851	0.781	0.690	1	Mascot
1726.9572	1726.905	-0.0522	-30	369	383 IQPSGGTININEALLR	74	99.999	(N-term)_iTRAQ[0]	[8]	F2	338/330	1.045	1.135	0.918	1	Mascot
1741.0118	1741.0032	-0.0086	-5	236	248 AHVAFKPTVAQQR	42	98.294	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[5]	F5 and F10	1093/1085	0.656	1.208	1.195	1	Mascot

54 neurosecretory protein VGF precursor [Homo sapiens] gi|17136078 69569.2 2 203 1.392 1.041 0.997 0.246 0.365 0.212 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2060.9646	2060.9053	-0.0593	-29	64	80 NSEPQDEGELFQGVDPK	68	99.995	(N-term)_iTRAQ[0]	[8]	F2	334/326	1.638	1.407	1.208	1	Mascot
2306.9868	2306.9287	-0.0581	-25	378	397 VGEEDDEAAEAEEAEE AER	135	100	(N-term)_iTRAQ[0]	[8]	F2	332/324	1.182	0.771	0.822	1	Mascot

55 fibronectin [Sus scrofa] gi|56608605 69908.3 2 199 1.320 0.881 1.098 0.179 0.351 0.021 2 2 2 100

Protein Group

fibronectin [Sus scrofa]	gi 56407693	59270.9
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
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													114/117*	115/117*	116/117*			
	1575.8826	1575.8358	-0.0468	-30	405	419	VPGTSASATLTGLTR	62	99.981	(N-term)_iTRAQ[0]	[8] F2	336/328	1.499	1.231	1.078	1	Mascot	
	2405.3208	2405.2563	-0.0645	-27	47	67	EINLAPDSSVVVSGMLV ATK	138	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[21]	[8] F2	472/464	1.162	0.630	1.119	1	Mascot	
56	prothrombin [Bos taurus]		gij 27806947		76293.7	4	196	1.018	0.898	1.037	0.104	0.227	0.568	4	4	4	100	

Protein Group

RecName: Full=Prothrombin; AltName:
Full=Coagulation factor II; Contains: RecName:
Full=Activation

gij|135806 76221.6

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1778.8882	1778.8273	-0.0609	-34	388	402	SPQELLCGASLISDR	38	95.982	(N-term)_iTRAQ[0], MMTS (C)[7]	[8] F2	474/466	1.197	1.129	1.585	1	Mascot
1976.8558	1976.8105	-0.0453	-23	585	599	WYQMGIVSWGEGCDR	52	99.809	(N-term)_iTRAQ[0], MMTS (C)[13]	[8] F2	509/501	0.936	0.736	0.528	1	Mascot
2145.0698	2144.9844	-0.0854	-40	331	347	TFGAGEADCLRPFEK	50	99.699	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], MMTS (C)[9]	[5] F5 and F10	450/442	0.954	1.118	1.462	1	Mascot
2207.9097	2207.8767	-0.033	-15	101	118	LNECLEGNCAEGVMNY R	56	99.93	(N-term)_iTRAQ[0], MMTS (C)[4,9]	[8] F2	450/442	1.004	0.698	0.946	1	Mascot

57	pigment epithelium-derived factor [Homo sapiens]		gij 15217079		50486.1	3	196	1.629	1.421	1.363	0.282	0.302	0.183	3	3	3	100
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Protein Group

Chain A, 2.85 Å Crystal Structure Of Pedf
gij|15988024 48330.1

Serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), membe
gij|15559258 50545.2

pigment epithelial-differentiating factor [Homo sapiens]
gij|189778 50473.1

pigment epithelium-derived factor [Homo sapiens]
gij|1144299 44074.8

pigment epithelium-derived factor precursor [Homo sapiens]
gij|39725934 50456.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1188.8052	1188.8368	0.0316	27	346	352	ITGKPIK	38	95.926	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,7]	[7] F12 and F9 and F7 attempt 2	817/809	2.031	1.738	1.551	1	Mascot
1703.8877	1703.8383	-0.0494	-29	54	67	LAAAVSNFGYDLYR	80	100	(N-term)_iTRAQ[0]	[8] F2	469/461	1.521	1.507	1.149	1	Mascot
2118.1262	2118.1643	0.0381	18	175	189	LDLQEIINWVQAQMK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4] F11 and F3	1324/1316	1.400	1.095	1.422	1	Mascot

58	factor XIIa inhibitor precursor [Bos taurus]		gij 27807349		55333.2	3	193	1.161	1.095	1.276	0.252	0.161	0.278	3	3	3	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1380.733	1380.672	-0.061	-44	365	374	FHPHTLTMPR	40	97.412	(N-term)_iTRAQ[0]	[4] F11 and F3	203/195	0.917	0.993	0.986	1	Mascot
1513.9927	1514.0712	0.0785	52	261	272	LILLNAVALSAK	85	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1257/1249	1.484	0.994	1.324	1	Mascot
1822.967	1822.9375	-0.0295	-16	111	126	SAEAVLGEALTDFLSR	68	99.996	(N-term)_iTRAQ[0]	[8] F2	558/550	1.150	1.330	1.590	1	Mascot

59	apolipoprotein C-III precursor [Bos taurus]		gij 47564119		11982.3	3	186	0.740	1.092	1.220	0.017	0.074	0.104	3	3	3	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1220.6198	1220.5734	-0.0464	-38	72	78	DYWSSFK	43	98.486	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	338/330	0.763	1.060	1.357	1	Mascot
1618.8032	1618.8066	0.0034	2	61	71	DWMTESFSSLK	45	99.073	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[4] F11 and F3	1177/1169	0.728	1.195	1.202	1	Mascot
1860.9535	1860.8761	-0.0774	-42	45	60	DALSSVQESQVAQQR	98	100	(N-term)_iTRAQ[0]	[8] F2	263/255	0.728	1.027	1.112	1	Mascot

60 primary amine oxidase, lung isozyme [Bos taurus] gj|30794300 87835.1 3 184 0.753 0.910 1.056 0.090 0.093 0.157 3 3 3 100

Protein Group

Chain A, Crystal Structure Of Bovine Plasma Copper-Containing Amine Oxidase gj|61680007 85792.4

primary amine oxidase, liver isozyme precursor [Bos taurus] gj|195539525 87756.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1700.8438	1700.8082	-0.0356	-21	175	186 EYLDIDQMIFNR	67	99.994	(N-term)_iTRAQ[0]	[8]	F2	487/479	0.803	0.904	1.284	1	Mascot
2045.0424	2044.9833	-0.0591	-29	568	585 QLETEEQAAFPLGGASPR	60	99.974	(N-term)_iTRAQ[0]	[8]	F2	359/351	0.643	0.811	0.972	1	Mascot
2317.2397	2317.1719	-0.0678	-29	567	585 KQLETEEQAAFPLGGASPR	56	99.934	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[5]	F5 and F10	326/318	0.828	1.028	0.944	1	Mascot

61 sex hormone-binding globulin [Bos taurus] gj|38325826 41549.8 2 172 1.481 1.320 1.170 0.339 0.618 0.065 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1586.939	1586.912	-0.027	-17	164	177 IALGGLLPASDLR	51	99.758	(N-term)_iTRAQ[0]	[8]	F2	534/526	1.820	1.937	1.235	1	Mascot
2376.1553	2376.0896	-0.0657	-28	190	209 QDDWLDQQAQTSASVPTSVR	122	100	(N-term)_iTRAQ[0]	[8]	F2	343/335	1.206	0.899	1.109	1	Mascot

62 apolipoprotein A-IV precursor [Sus scrofa] gj|47523830 48023.1 3 171 1.087 0.983 0.893 0.403 0.298 0.116 4 4 4 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1510.8839	1510.9172	0.0333	22	113	123 LLPHATEVSQK	53	99.862	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3]	F14,15,16 and F6	775/767	1.101	0.804	0.990	1	Mascot
1510.8839	1510.9908	0.1069	71	113	123 LLPHATEVSQK	72	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7]	F12 and F9 and F7 attempt 2	1260/1252	0.794	0.892	0.841	1	Mascot
1816.9989	1817.0597	0.0608	33	234	246 LNHQLEGLAFQMK	40	97.201	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[3]	F14,15,16 and F6	928/920	0.884	0.840	0.753	1	Mascot
1953.054	1953.0747	0.0207	11	52	65 SELTQQLNTLFQDK	59	99.967	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4]	F11 and F3	1221/1213	1.803	1.547	1.015	1	Mascot

63 complement C3 alpha chain [Oryctolagus cuniculus] gj|126723309 90597.5 2 168 1.040 1.334 1.049 0.395 0.071 0.141 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1380.8348	1380.8812	0.0464	34	505	513 NTLIYLDK	45	99.145	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4]	F11 and F3	1156/1148	0.720	1.363	0.886	1	Mascot
2058.1746	2058.0913	-0.0833	-40	526	541 VHQYFNVGLIQPAVK	123	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5]	F5 and F10	402/394	1.576	1.403	1.200	1	Mascot
2058.1746	2058.2366	0.062	30	526	541 VHQYFNVGLIQPAVK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[3]	F14,15,16 and F6	927/919	0.992	1.242	1.084	1	Mascot

64 beta-1,3-N-acetylglucosaminyltransferase bGnT-6 [Bos taurus] gj|61553937 45814.3 2 164 1.637 1.383 1.166 0.344 0.282 0.103 2 2 2 100

Protein Group

N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase [Bos taurus] gj|77736590 49858.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1696.8625	1696.7961	-0.0664	-39	65	80 TALASGGVLDASGDYR	123	100	(N-term)_iTRAQ[0]	[8]	F2	318/310	1.981	1.665	1.269	1	Mascot
1802.0084	1801.9594	-0.049	-27	249	263 QWAGTALVVPFAEIR	41	97.709	(N-term)_iTRAQ[0]	[8]	F2	503/495	1.353	1.149	1.072	1	Mascot

65 RecName: Full=Serum albumin; Flags: Precursor gj|2492797 78092.2 4 162 1.144 1.163 0.954 0.361 0.462 0.167 6 6 6 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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1057.5802	1057.526	-0.0542	-51	154	160	LYEVAR	38	95.236	(N-term)_iTRAQ[0]	[5] F5 and F10	306/298	1.030	0.974	0.931	1	Mascot
1077.6765	1077.7052	0.0287	27	250	256	LVTDLTK	41	97.756	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	933/925	0.891	1.154	0.967	1	Mascot
1077.6765	1077.7075	0.031	29	250	256	LVTDLTK	38	95.502	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	239/231	0.953	0.896	0.896	1	Mascot
1175.6508	1175.6292	-0.0216	-18	476	482	LCVLHEK	41	97.477	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[1] F8 061011	283/275	0.990	0.972	0.967	1	Mascot
1175.6508	1175.6975	0.0467	40	476	482	LCVLHEK	40	97.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7], MMTS (C)[2]	[7] F12 and F9 and F7 attempt 2	1293/1285	1.301	1.047	0.748	1	Mascot
1260.5291	1260.5676	0.0385	31	492	500	CCTESLVNR	43	98.581	(N-term)_iTRAQ[0], MMTS (C)[1,2]	[4] F11 and F3	1071/1063	1.992	2.408	1.293	1	Mascot

66 DKFZP459P137 protein [Pongo abelii] gij207079999 58525.5 3 162 1.164 0.905 1.209 0.140 0.205 0.228 3 3 3 100

Protein Group

nucleobindin [Homo sapiens]	gij1144316	58255.6
nucleobindin [Homo sapiens]	gij189308	58165.5
nucleobindin-1 precursor [Homo sapiens]	gij20070228	58169.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1382.7301	1382.6689	-0.0612	-44	88	97	ELDFVSHHVR	40	96.867	(N-term)_iTRAQ[0]	[4]	F11 and F3	195/187	1.050	0.778	0.950	1	Mascot
1416.8182	1416.7861	-0.0321	-23	153	163	DLELLIQTATR	49	99.666	(N-term)_iTRAQ[0]	[8]	F2	481/473	1.104	0.789	1.319	1	Mascot
1650.9187	1650.8923	-0.0264	-16	311	323	LVTLEEFLLASTQR	73	99.999	(N-term)_iTRAQ[0]	[8]	F2	542/534	1.363	1.209	1.411	1	Mascot

67 collagen alpha-1(XII) chain long isoform precursor [Homo sapiens] gij93141047 356530.3 2 159 1.208 0.932 0.935 0.039 0.083 0.136 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1859.9735	1859.9086	-0.0649	-35	1939	1953	NVQVYNPTPNSLDVR	57	99.941	(N-term)_iTRAQ[0]	[8]	F2	316/308	1.248	0.857	0.816	1	Mascot
2254.1072	2254.0161	-0.0911	-40	1785	1804	ITYQPSTGEGNEQTTTIG GR	102	100	(N-term)_iTRAQ[0]	[8]	F2	262/254	1.171	1.015	1.071	1	Mascot

68 pigment epithelium-derived factor [Rattus norvegicus] gij29293811 49796.5 2 157 1.459 1.285 1.278 0.062 0.222 0.144 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1703.8877	1703.8383	-0.0494	-29	54	67	LAAAVSNFGYDLYR	80	100	(N-term)_iTRAQ[0]	[8]	F2	469/461	1.521	1.507	1.149	1	Mascot
2118.1262	2118.1643	0.0381	18	175	189	IDLQEINNWWQAQMK	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[4]	F11 and F3	1324/1316	1.400	1.095	1.422	1	Mascot

69 transcription factor AEBP1 [Bos taurus] gij4105170 85223.4 3 155 1.090 0.841 1.204 0.058 0.434 0.283 3 3 3 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1581.8245	1581.7653	-0.0592	-37	315	327	YLSPDATVSTEVN	66	99.993	(N-term)_iTRAQ[0]	[8]	F2	308/300	1.048	1.165	1.110	1	Mascot
1772.9449	1772.9011	-0.0438	-25	360	375	TPSQEQLLAAAMAAAR	51	99.753	(N-term)_iTRAQ[0]	[8]	F2	463/455	1.053	1.093	0.978	1	Mascot
2563.1895	2563.2383	0.0488	19	181	201	IYAMEISDNPGDHELGEPEFR	39	96.189	(N-term)_iTRAQ[0]	[4]	F11 and F3	1162/1154	1.172	0.468	1.608	1	Mascot

70 fibrinogen A-alpha chain [Bos taurus] gij3789962 46124.2 3 155 1.026 1.147 0.868 0.140 0.050 0.136 3 3 3 100

Protein Group

Chain A, The Crystal Structure Of Modified Bovine Fibrinogen (At ~4 Angstrom Resolution)	gij6980814	46278.4
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
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											114/117*	115/117*	116/117*			
1169.63	1169.5842	-0.0458	-39	22	28	VDLEDYK	39	96.11	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	278/270	1.220	1.155	0.707	1	Mascot
1738.0347	1737.9945	-0.0402	-23	33	46	QLEQVIAINLLPSR	57	99.946	(N-term)_iTRAQ[0]	[8] F2	483/475	0.984	1.204	0.942	1	Mascot
1892.05	1892.0819	0.0319	17	17	28	ALEHKVDLEDYK	59	99.963	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[5,1 2]	[5] F5 and F10	1171/1163	0.900	1.085	0.981	1	Mascot

71 haptoglobin heavy chain, HpH chain [dogs, Peptide, 245 aa] gij258499 30383.8 3 153 0.576 0.514 1.563 0.136 0.158 0.245 3 3 3 100

Protein Group

RecName: Full=Haptoglobin; Contains: RecName: gij123511 41125.1
Full=Haptoglobin alpha chain; Contains: RecName: Full

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1045.6866	1045.7325	0.0459	44	84	90	VDIGLIK	39	96.696	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	962/954	0.631	0.463	1.385	1	Mascot
1208.6674	1208.6146	-0.0528	-44	10	17	GSFPWQAK	54	99.896	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5] F5 and F10	311/303	0.429	0.395	1.436	1	Mascot
1566.8447	1566.8649	0.0202	13	137	147	YVMLPVADQDK	59	99.967	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[4] F11 and F3	1090/1082	0.704	0.742	1.919	1	Mascot

72 chromogranin B [Bos taurus] gij12 79124.7 2 151 0.997 1.128 1.323 0.094 0.068 0.024 2 2 2 100

Protein Group

RecName: Full=Secretogranin-1; AltName: gij12644006 79151.7
Full=Chromogranin-B; Short=CgB; AltName:
Full=Secretogranin
chromogranin B gij228903 79374.9
chromogranin B [Bos taurus] gij202 77524.9
secretogranin-1 [Bos taurus] gij30794308 79228.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2031.9868	2032.0377	0.0509	25	437	451	NYLDYGEEKGEEAAR	44	98.817	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[4] F11 and F3	1061/1053	1.091	1.196	1.300	1	Mascot
2445.0886	2444.9426	-0.146	-60	102	124	EDSGEGDAQVPTVADTE SGGHSR	107	100	(N-term)_iTRAQ[0]	[5] F5 and F10	206/198	0.912	1.063	1.347	1	Mascot

73 RecName: Full=Metalloproteinase inhibitor 2; AltName: gij3915132 25216.4 2 149 0.770 0.860 0.930 0.150 0.066 0.081 2 2 2 100
Full=Tissue inhibitor of metalloproteinases 2

Protein Group

Chain C, Prommp-2TIMP-2 Complex gij22218677 25030.3
RecName: Full=Metalloproteinase inhibitor 2; AltName: gij135853 27530.7
Full=Collagenase inhibitor; AltName: Full=Tis
RecName: Full=Metalloproteinase inhibitor 2; AltName: gij267133 27601.9
Full=Tissue inhibitor of metalloproteinases 2
RecName: Full=Metalloproteinase inhibitor 2; AltName: gij8478957 24980.3
Full=Tissue inhibitor of metalloproteinases 2
TIMP-2 [Mus musculus] gij202054 27496.7
metalloproteinase inhibitor 2 [Cavia porcellus] gij290491246 27591.8
metalloproteinase inhibitor 2 precursor [Canis lupus familiaris] gij50978760 27570.9
metalloproteinase inhibitor 2 precursor [Homo sapiens] gij4507511 27672.9

metalloproteinase inhibitor 2 precursor [Rattus norvegicus]	gij11464979	27629.9
tissue inhibitor of metalloproteinases-2 [Homo sapiens]	gij1517893	27484.8
tissue inhibitor of metalloproteinases-2 [Rattus norvegicus]	gij540205	27642.9
unnamed protein product [Mus musculus]	gij26328599	27615.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1915.0059	1915.0286	0.0227	12	182	196 GAAPPKQEFLDIEDP	74	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[4]	F11 and F3	1114/1106	0.644	0.798	0.856	1	Mascot
1965.0287	1965.0791	0.0504	26	30	44 EVDSGNDIYGNIPIKR	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[3]	F14,15,16 and F6	775/767	0.920	0.926	1.011	1	Mascot
74	RecName: Full=Chitinase-3-like protein 1; AltName: Full=BP40; AltName: Full=Mammary gland protein 4	gij55976543	46168.8	3	148	1.195	0.930	1.256	0.200	0.230	0.281	3	3	3	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1537.8458	1537.7867	-0.0591	-38	272	286 TDVGAPISGPGIPGR	66	99.994	(N-term)_iTRAQ[0]	[8]	F2	287/279	1.488	0.683	1.670	1	Mascot
1676.8881	1676.8188	-0.0693	-41	92	105 TLLSVGGWNFGPER	43	98.597	(N-term)_iTRAQ[0]	[8]	F2	476/468	1.083	1.039	1.113	1	Mascot
1961.9994	1961.9126	-0.0868	-44	129	144 THGFDGLDLAWLYPGR	38	95.85	(N-term)_iTRAQ[0]	[5]	F5 and F10	527/519	1.060	1.134	1.066	1	Mascot
75	Tetranectin [Homo sapiens]	gij37409	25323.9	2	145	1.234	1.367	0.835	0.153	0.088	0.500	2	2	2	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1594.8524	1594.9194	0.067	42	63	73 EQQALQTVCLK	81	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11], MMTS (C)[9]	[4]	F11 and F3	1102/1094	1.387	1.455	1.335	1	Mascot
1833.9229	1834.0176	0.0947	52	156	169 NWETEITAQPDDGK	65	99.991	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4]	F11 and F3	1049/1041	1.099	1.285	0.523	1	Mascot
76	vitamin D-binding protein [Sus scrofa]	gij51863317	28956.2	3	140	0.824	0.771	0.977	0.346	0.212	0.353	4	4	4	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1266.7191	1266.7223	0.0032	3	22	29 ELPEYTVK	41	97.877	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	198/190	1.488	1.110	1.631	1	Mascot
1266.7191	1266.7574	0.0383	30	22	29 ELPEYTVK	49	99.634	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	928/920	0.771	0.829	0.945	1	Mascot
2332.0339	2332.1123	0.0784	34	148	164 GQELCADYSENTFTEYK	53	99.849	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17], MMTS (C)[5]	[4]	F11 and F3	1156/1148	0.620	0.633	0.785	1	Mascot
2604.2314	2604.2991	0.0677	26	148	165 GQELCADYSENTFTEYK K	38	95.366	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[17, 18], MMTS (C)[5]	[3]	F14,15,16 and F6	901/893	0.647	0.606	0.752	1	Mascot
77	transferrin [Ovis aries]	gij2318026	7637.4	2	137	1.398	1.092	0.981	0.260	0.067	0.021	2	2	2	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1241.6075	1241.6476	0.0401	32	50	58 YYGYTGAFR	38	95.945	(N-term)_iTRAQ[0]	[4]	F11 and F3	1063/1055	1.179	1.029	1.001	1	Mascot
1824.7786	1824.7451	-0.0335	-18	9	23 FDEYFSAGCAPGSQR	98	100	(N-term)_iTRAQ[0], MMTS (C)[9]	[8]	F2	399/391	1.659	1.159	0.961	1	Mascot
78	limbic system-associated membrane protein precursor [Rattus norvegicus]	gij25742796	40308.9	2	136	1.118	1.027	0.851	0.108	0.145	0.096	2	2	2	100	

Protein Group

LAMP [Homo sapiens]	gij1276899	40292.9
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limbic system-associated membrane protein 6c-isoform [Rattus norvegicus] gj|37499114 43276.6
 limbic system-associated membrane protein precursor [Mus musculus] gj|30425330 41554.7
 limbic system-associated membrane protein preproprotein [Homo sapiens] gj|45594240 40377.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1930.8568	1930.8184	-0.0384	-20	239	253	CEASAVPAPDFEWYR	39	96.501	(N-term)_iTRAQ[0], MMTS (C)[1]	[8]	F2	453/445	1.019	0.900	0.764	1	Mascot
2619.1934	2619.136	-0.0574	-22	101	120	VDVYDEGSYTCVQTH EPK	97	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[11]	[5]	F5 and F10	322/314	1.226	1.173	0.947	1	Mascot
79 RecName: Full=Fibrinogen alpha chain; Contains: RecName: Full=Fibrinopeptide A gj 75039944 1990.9 1 136 0.625 0.859 1.390 0.000 0.000 0.000 1 1 1 100																	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1991.943	1991.8911	-0.0519	-26	1	19	ADSDPVGGEFLAEGGG VR	136	100	(N-term)_iTRAQ[0]	[8]	F2	346/338	0.625	0.859	1.390	1	Mascot
80 insulin-like growth factor II preproprotein [Ovis aries] gj 57164331 20980.4 2 134 0.832 1.434 1.203 0.073 0.006 0.016 2 2 2 100																	

Protein Group

insulin-like growth factor II [Ovis aries] gj|552424 14279.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1346.6991	1346.6503	-0.0488	-36	113	120	FFQSDTWK	42	98.193	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	353/345	0.904	1.440	1.187	1	Mascot
2048.9736	2049.0042	0.0306	15	74	89	SCDLALLETYCAAPAK	93	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[2,11]	[4]	F11 and F3	1329/1321	0.765	1.428	1.220	1	Mascot
81 complement component C7 precursor [Sus scrofa] gj 47523630 103502.2 2 130 0.662 0.702 0.827 0.148 0.032 0.053 2 2 2 100																	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1656.7496	1656.7067	-0.0429	-26	812	824	EQTMTECEAGVLR	55	99.918	(N-term)_iTRAQ[0], MMTS (C)[7]	[8]	F2	361/353	0.810	0.734	0.777	1	Mascot
2517.2871	2517.197	-0.0901	-36	295	314	LIDQYGTHYLQSGSLGGE YK	75	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	390/382	0.540	0.672	0.880	1	Mascot
82 unnamed protein product [Bos taurus] gj 218 55266.1 2 130 1.008 1.103 0.901 0.114 0.178 0.021 2 2 2 100																	

Protein Group

RecName: Full=Chromogranin-A; Short=CgA; AltName: Full=Pituitary secretory protein I; Short=SP-I; C gj|116548 55166
 RecName: Full=Chromogranin-A; Short=CgA; Contains: RecName: Full=Pancreastatin; Contains: RecName: gj|116551 53901.9
 chromogranin A gj|225693 55194
 chromogranin A [Bos taurus] gj|163728 55252.1
 chromogranin A [Bos taurus] gj|244424 55114
 chromogranin-A [Bos taurus] gj|30794306 55182

Peptide Information

	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
	1556.8405	1556.7944	-0.0461	-30	392	404 EDSVEAGLPLQVR	61	99.975	(N-term)_iTRAQ[0]	[8]	F2	342/334	1.123	1.281	0.922	1	Mascot	
	2474.2871	2474.2	-0.0871	-35	420	438 RPEDQELESLSAIEAELEK	69	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[5]	F5 and F10	488/480	0.906	0.949	0.880	1	Mascot	
83	dickkopf-related protein 3 precursor [Homo sapiens]				gij40548389	40483.6	2	129	0.827	0.909	0.736	0.402	0.141	0.152	3	3	3	100
Protein Group																		
	dickkopf-3 [Homo sapiens]				gij6049608	40384.6												
	dickkopf-related protein 3 [Pongo abelii]				gij197099502	40676												
	hypothetical protein [Pongo abelii]				gij55730213	39809.3												
	unnamed protein product [Homo sapiens]				gij21749214	25207.3												
Peptide Information																		
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
	1752.8571	1752.8989	0.0418	24	67	80 SAVEEMEAEAAAAK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4]	F11 and F3	1060/1052	1.331	1.080	0.922	1	Mascot	
	1768.8521	1768.8704	0.0183	10	67	80 SAVEEMEAEAAAAK	64	99.988	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], Oxidation (M)[6]	[4]	F11 and F3	975/967	0.842	0.759	0.743	1	Mascot	
	2686.2947	2686.2502	-0.0445	-17	225	247 GLLFPVCTPLPVEGELCHDPASR	54	99.881	(N-term)_iTRAQ[0], MMTS (C)[7,17]	[8]	F2	572/564	0.505	0.916	0.583	1	Mascot	
84	beta-2-glycoprotein 1 precursor [Canis lupus familiaris]				gij54792721	43614.4	2	129	0.794	1.014	1.065	0.319	0.456	0.069	3	3	3	100
Peptide Information																		
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
	1392.7522	1392.7346	-0.0176	-13	328	336 EHSSLAFWK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[1]	F8 061011	334/326	0.492	0.622	1.012	1	Mascot	
	1592.8954	1592.8424	-0.053	-33	286	295 FKDGMLHGQK	65	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,10]	[4]	F11 and F3	120/112	1.019	1.097	1.163	1	Mascot	
	1608.8904	1608.8298	-0.0606	-38	286	295 FKDGMLHGQK	44	98.901	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,10], Oxidation (M)[5]	[4]	F11 and F3	120/112	0.998	1.527	1.026	1	Mascot	
85	WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 2 precursor [Mus musculus]				gij267844918	68543.1	2	128	0.728	0.965	0.937	0.179	0.043	0.000	2	2	2	100
Protein Group																		
	Bikunin hlg [Homo sapiens]				gij37181390	68978.2												
	PREDICTED: WAP, follistatin/kazal, immunoglobulin, kunitz and netrin domain containing 2 [Rattus no				gij27675188	68579.3												
	WAP, kazal, immunoglobulin, kunitz and NTR domain-containing protein 2 [Homo sapiens]				gij28212222	69006.3												
	growth and differentiation factor-associated serum protein 1 [Mus musculus]				gij32187114	68531.1												
Peptide Information																		
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
	1891.1123	1891.1708	0.0585	31	476	488 ALVTVDEVLKDEK	68	99.995	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10,13]	[3]	F14,15,16 and F6	923/915	0.907	0.924	0.937	1	Mascot	
	1986.7649	1986.7932	0.0283	14	60	72 ECETDQECETYEK	60	99.973	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[2,8]	[4]	F11 and F3	1030/1022	0.584	1.007	0.936	1	Mascot	
86	inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein) [Bos taurus]				gij59857769	108789.4	2	125	0.952	1.159	1.572	0.032	0.074	0.138	2	2	2	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type			
1636.9758	1636.933	-0.0428	-26	216	225 FKPTLSQQQK	52	99.821	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,10]	[1]	F8 061011	207/199	0.921	1.233	1.711	1	Mascot			
2122.2244	2122.2793	0.0549	26	125	140 KTEQFQVSVSVAPAAK	73	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,16]	[3]	F14,15,16 and F6	818/810	0.984	1.090	1.445	1	Mascot			
				87	calcium uniporter channel component [cattle, heart, Peptide Mitochondrial Partial, 18 aa, segment 3]	gij833995	2470.3	1	123	1.284	0.876	2.364	0.000	0.000	0.000	1	1	1	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type			
2471.3152	2471.2144	-0.1008	-41	1	18 NVGVSFYADKPEVTQEQK	123	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10,18]	[5]	F5 and F10	306/298	1.284	0.876	2.364	1	Mascot			
				88	plasminogen precursor [Bos taurus]	gij27806815	101001.3	2	121	0.889	0.868	1.116	0.079	0.140	0.060	2	2	2	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type			
1601.7557	1601.7241	-0.0316	-20	149	160 FPLAGLEENYCR	53	99.863	(N-term)_iTRAQ[0], MMTS (C)[11]	[8]	F2	488/480	0.817	0.748	1.059	1	Mascot			
2334.1489	2334.075	-0.0739	-32	144	160 FSPEKFPLAGLEENYCR	68	99.996	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[5], MMTS (C)[16]	[5]	F5 and F10	513/505	0.968	1.008	1.176	1	Mascot			
				89	calreticulin [cattle, brain, Peptide, 400 aa]	gij545920	52543.1	2	119	0.948	1.107	0.640	0.042	0.132	0.111	2	2	2	100

Protein Group

calreticulin precursor [Bos taurus] gjj27806723 54199.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type			
1753.8229	1753.781	-0.0419	-24	82	94 HEQNIDCGGGYVK	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13], MMTS (C)[7]	[1]	F8 061011	245/237	0.908	0.989	0.545	1	Mascot			
2203.1367	2203.157	0.0203	9	191	205 IKDPDAAKPEDWDDR	42	98.306	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,8]	[5]	F5 and F10	1126/1118	0.990	1.240	0.751	1	Mascot			
				90	amyloid precursor-like protein 1 [Homo sapiens]	gij1709301	74870.6	2	117	0.769	0.461	0.775	0.354	0.480	0.138	2	2	2	100

Protein Group

amyloid-like protein 1 isoform 2 precursor [Homo sapiens] gjj4885065 74844.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type			
1467.7148	1467.6428	-0.072	-49	331	340 EWAMADNQSK	63	99.984	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[5]	F5 and F10	232/224	1.123	0.941	0.914	1	Mascot			
1681.8907	1681.8435	-0.0472	-28	430	441 HYQHVAAVDPEK	55	99.908	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[3]	F14,15,16 and F6	107/99	0.527	0.226	0.658	1	Mascot			
				91	unnamed protein product [Homo sapiens]	gij21757045	55766.8	2	116	0.465	0.440	1.060	0.067	0.053	0.071	2	2	2	100

Protein Group

RecName: Full=Vimentin gjj138535 57057.4

RecName: Full=Vimentin gjj1353212 55177.6

VIM [Homo sapiens] gjj47115317 56907.4

unnamed protein product [Mus musculus] gjj55291 56957.4

vimentin [Bos taurus]	gij289450	57004.4
vimentin [Cricetulus griseus]	gij860908	47903.7
vimentin [Homo sapiens]	gij62414289	56979.4
vimentin [Homo sapiens]	gij5030431	44799.3
vimentin [Homo sapiens]	gij340219	57041.4
vimentin [Mus musculus]	gij2078001	54893.4
vimentin [Mus musculus]	gij31982755	57015.4
vimentin [Mus musculus]	gij55408	57049.4
vimentin [Pan troglodytes]	gij57114172	56975.4
vimentin [Rattus norvegicus]	gij14389299	57060.4
vimentin protein [Mus musculus]	gij202368	57001.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1457.9188	1457.941	0.0222	15	118	127 ILLAELEQLK	43	98.613	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4]	F11 and F3	1297/1289	0.407	0.393	1.131	1	Mascot
1980.902	1980.8199	-0.0821	-41	439	454 DGQVINETSQHDDLE	73	99.998	(N-term)_iTRAQ[0]	[5]	F5 and F10	217/209	0.532	0.493	0.994	1	Mascot
92	immunoglobulin kappa light chain constant region [Ovis aries]	gij52367058	13395.7	2	114	1.262	1.033	0.931	0.308	0.076	0.046	3	3	3	100	

Protein Group

kappa light chain [Ovis aries]	gij147904806	27495.8
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1116.7239	1116.7499	0.026	23	92	99 SLPTALVK	39	96.25	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	944/936	1.171	0.939	0.989	1	Mascot
2366.2603	2366.1663	-0.094	-40	1	18 SDAQPSVFLFKPSEEQLR	75	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[5]	F5 and F10	401/393	1.011	1.053	0.928	1	Mascot
2366.2603	2366.3062	0.0459	19	1	18 SDAQPSVFLFKPSEEQLR	42	98.068	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[2]	F4 and F13	227/219	1.698	1.114	0.879	1	Mascot
93	insulin-like growth factor-binding protein 7 [Rattus norvegicus]	gij61556795	32026.8	2	113	1.216	0.786	1.204	0.101	0.024	0.259	2	2	2	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1722.0411	1721.9779	-0.0632	-37	262	274 ITVVDAIHEIPVK	47	99.493	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[5]	F5 and F10	432/424	1.317	0.762	0.991	1	Mascot
1994.2385	1994.2294	-0.0091	-5	262	275 ITVVDAIHEIPVKK	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13, 14]	[1]	F8 061011	394/386	1.122	0.809	1.463	1	Mascot
94	beta-2-glycoprotein 1 [Rattus norvegicus]	gij57528174	43956.6	2	109	0.648	0.814	1.135	0.206	0.251	0.139	2	2	2	100	

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio	iTRAQ Ratio	iTRAQ Ratio	Rank	Result Type
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											114/117*	115/117*	116/117*				
1392.7522	1392.7346	-0.0176	-13	328	336	EHSSLAFWK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[1] F8 061011	334/326	0.492	0.622	1.012	1	Mascot	
2056.0662	2056.115	0.0488	24	64	78	FTCPLTGMWPINTLK	44	98.943	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15], MMTS (C)[3]	[4] F11 and F3	1359/1351	0.854	1.065	1.274	1	Mascot	
95	RecName: Full=Superoxide dismutase [Cu-Zn]		gij75061021		17556	2	106	1.105	0.962	0.926	0.052	0.073	0.095	2	2	2	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1226.7103	1226.7273	0.017	14	79	87	HVGDLGNVK	50	99.733	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[7] F12 and F9 and F7 attempt 2	828/820	1.055	0.894	0.839	1	Mascot
1784.9575	1785.0632	0.1057	59	115	127	TMVVHEKPDLLGR	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[7] F12 and F9 and F7 attempt 2	854/846	1.157	1.035	1.021	1	Mascot

96	immunoglobulin lambda-6c light chain variable region [Ovis aries]		gij2746699		12870.2	1	106	1.705	0.934	1.258	0.000	0.000	0.000	1	1	1	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1884.9535	1884.8937	-0.0598	-32	80	97	FSGSNSGNTATLTISGAR	106	100	(N-term)_iTRAQ[0]	[8] F2	286/278	1.705	0.934	1.258	1	Mascot

97	alpha-macroglobulin [Cavia porcellus]		gij290543549		178258.9	2	104	0.777	0.923	1.175	0.331	0.272	0.135	2	2	2	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1053.619	1053.5586	-0.0604	-57	807	813	GEAFTLK	40	96.823	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	260/252	0.545	0.714	1.054	1	Mascot
1751.9564	1751.9291	-0.0273	-16	1150	1164	ALLAYAFALAGNQR	65	99.99	(N-term)_iTRAQ[0]	[8] F2	544/536	1.108	1.195	1.310	1	Mascot

98	IgG1 heavy chain constant region [Bos taurus]		gij7547266		39259.3	2	100	1.131	0.961	1.001	0.678	0.509	0.274	7	7	7	100
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Protein Group

Ig heavy chain precursor (B/MT.4A.17.H5.A5) - bovine gjj108750 54983.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1445.8348	1445.7682	-0.0666	-46	203	214	VHNEGLPAPIVR	43	98.568	(N-term)_iTRAQ[0]	[4] F11 and F3	197/189	2.222	1.945	1.440	1	Mascot
1445.8348	1445.7845	-0.0503	-35	203	214	VHNEGLPAPIVR	43	98.545	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	167/159	1.642	1.315	1.330	1	Mascot
1445.8348	1445.8787	0.0439	30	203	214	VHNEGLPAPIVR	42	98.077	(N-term)_iTRAQ[0]	[3] F14,15,16 and F6	794/786	1.707	1.419	1.169	1	Mascot
2115.1584	2115.1035	-0.0549	-26	225	240	EPQVYVLAPPQEELSK	55	99.91	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[5] F5 and F10	378/370	0.547	0.633	0.801	1	Mascot
2115.1584	2115.1072	-0.0512	-24	225	240	EPQVYVLAPPQEELSK	54	99.885	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[8] F2	379/371	0.803	0.626	0.816	1	Mascot
2115.1584	2115.1665	0.0081	4	225	240	EPQVYVLAPPQEELSK	58	99.95	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4] F11 and F3	1120/1112	0.783	0.742	0.887	1	Mascot
2115.1584	2115.2253	0.0669	32	225	240	EPQVYVLAPPQEELSK	40	96.903	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4] F11 and F3	1286/1278	1.105	0.710	0.773	1	Mascot

99	RecName: Full=Myocilin; AltName: Full=Trabecular meshwork-induced glucocorticoid response protein;		gij12585283		58154.6	2	99	1.273	1.119	1.029	0.226	0.285	0.446	2	2	2	100
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Protein Group

myocilin [Bos taurus] gjj4760473 36578.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1631.7859	1631.7487	-0.0372	-23	459	470	YSSMIDYNPLER	43	98.67	(N-term)_iTRAQ[0]	[8] F2	401/393	1.499	1.404	1.475	1	Mascot
2230.1475	2230.0581	-0.0894	-40	392	408	LNPETLELEQTWETNIR	56	99.927	(N-term)_iTRAQ[0]	[8] F2	476/468	1.081	0.892	0.718	1	Mascot

100 immunoglobulin mu chain [Ovis aries] gij165945 57810.9 2 99 0.557 0.612 1.212 0.026 0.069 0.019 2 2 2 100

Protein Group

Ig mu chain - sheep gij478694 69348.6

This CDS feature is included to show the translation of the corresponding C_region. Presently trans gij561876 56422.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1410.7137	1410.8064	0.0927	66	282	291 ALEHTYFER	43	98.727	(N-term)_iTRAQ[0]	[7]	F12 and F9 and F7 attempt 2	1272/1264	0.583	0.680	1.193	1	Mascot
1894.0472	1894.0812	0.034	18	370	383 GFAPADVQWLQK	55	99.913	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[4]	F11 and F3	1351/1343	0.532	0.550	1.231	1	Mascot

101 Chain C, The Crystal Structure Of Modified Bovine Fibrinogen (At ~4 Angstrom Resolution) gij6980816 51472.4 2 98 1.232 1.416 0.923 0.043 0.079 0.040 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1610.9515	1611.0001	0.0486	30	163	173 ESGLYFIRPLK	46	99.29	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3]	F14,15,16 and F6	922/914	1.191	1.495	0.963	1	Mascot
1885.1031	1885.1543	0.0512	27	233	247 IHLISTQSTIPYVLR	52	99.803	(N-term)_iTRAQ[0]	[2]	F4 and F13	275/267	1.276	1.341	0.884	1	Mascot

102 proactivator polypeptide [Bos taurus] gij27806447 64671.9 2 97 0.598 0.763 0.828 0.103 0.258 0.061 2 2 2 100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1302.7878	1302.8336	0.0458	35	431	439 EQILAALEK	59	99.966	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2]	F4 and F13	978/970	0.701	1.021	0.889	1	Mascot
1377.7849	1377.7327	-0.0522	-38	144	152 HLAELNHQK	38	95.584	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[6]	F12 and F9 and F7	172/164	0.510	0.571	0.771	1	Mascot

103 apolipoprotein D, apoD [human, plasma, Peptide, 246 aa] gij619383 31277.2 1 95 1.287 1.463 1.186 0.000 0.000 0.000 1 1 1 100

Protein Group

apolipoprotein D precursor [Homo sapiens] gij4502163 23220.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1934.9331	1934.9568	0.0237	12	8	21 CPNPPVQENFDVNK	95	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14], MMTS (C)[1]	[4]	F11 and F3	1081/1073	1.287	1.463	1.186	1	Mascot

104 insulin-like growth factor-binding protein 6 [Bos taurus] gij5705897 14741.4 1 93 0.793 1.130 0.961 0.000 0.000 0.000 1 1 1 100

Protein Group

RecName: Full=Insulin-like growth factor-binding protein gij1352416 26986.4
6; Short=IBP-6; Short=IGF-binding protein

insulin-like growth factor binding protein 6 [Bos taurus] gij28630915 9734.6

insulin-like growth factor binding protein 6 [Ovis aries] gij12061034 9071.5

insulin-like growth factor-binding protein 6 precursor [Mus musculus] gij168693654 26930.4

insulin-like growth factor-binding protein 6 precursor [Rattus norvegicus] gij6981090 25686

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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	1957.0627	1957.0239	-0.0388	-20	79	93	HLDSVLQQLQTEVFR	93	100	(N-term)_iTRAQ[0]	[5] F5 and F10	537/529	0.793	1.130	0.961	1	Mascot				
105	hepatocarcinogenesis-specific protein/hemopexin homolog (clone HC34) [woodchucks, hepatitis B virus]																				
							gi 1087020	33129.3	2	93	1.350	1.210	1.307	0.353	0.272	0.249	3	3	3	100	
	Peptide Information																				
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type				
	1261.7555	1261.7815	0.026	21	196	202 LWWLDLK	43	98.538	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	374/366	1.009	0.913	1.217	1	Mascot					
	1261.7555	1261.796	0.0405	32	196	202 LWWLDLK	39	96.154	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2] F4 and F13	1045/1037	1.368	1.335	1.103	1	Mascot					
	1269.641	1269.6816	0.0406	32	219	227 VDGALCTEK	50	99.697	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[6]	[2] F4 and F13	935/927	1.781	1.454	1.662	1	Mascot					
106	inter-alpha-trypsin inhibitor heavy chain H4 [Sus scrofa]																				
							gi 48374067	108849.5	2	90	0.824	1.126	1.680	0.097	0.107	0.031	2	2	2	100	
	Peptide Information																				
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type				
	1373.6796	1373.7531	0.0735	54	534	542 YIFHSFMER	38	95.822	(N-term)_iTRAQ[0]	[7] F12 and F9 and F7 attempt 2	1391/1383	0.737	1.029	1.650	1	Mascot					
	1636.9758	1636.933	-0.0428	-26	213	222 FKPTLSQQQK	52	99.821	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,10]	[1] F8 061011	207/199	0.921	1.233	1.711	1	Mascot					
107	phospholipid transfer protein [Pongo abelii]																				
							gi 197100925	57666.5	2	89	0.795	1.001	0.833	0.183	0.245	0.130	2	2	2	100	
	Peptide Information																				
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type				
	1370.7136	1370.6759	-0.0377	-28	153	162 MHAAFGGTFK	39	96.065	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], Oxidation (M)[1]	[1] F8 061011	231/223	0.979	1.246	0.963	1	Mascot					
	2428.3235	2428.4136	0.0901	37	447	466 EVVTNHAGFLTIGADLHF AK	50	99.74	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[3] F14,15,16 and F6	986/978	0.646	0.804	0.721	1	Mascot					
108	inhibitor of carbonic anhydrase precursor [Sus scrofa]																				
							gi 47523160	85723.8	2	89	0.837	0.821	0.927	0.029	0.132	0.237	2	2	2	100	
	Peptide Information																				
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type				
	1023.6084	1023.5566	-0.0518	-51	554	560 GDVAFVK	42	98.313	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	228/220	0.809	0.707	0.738	1	Mascot					
	1750.9612	1750.9208	-0.0404	-23	675	688 YLGPEYLQAIANVR	48	99.497	(N-term)_iTRAQ[0]	[8] F2	483/475	0.866	0.953	1.164	1	Mascot					
109	unnamed protein product [Mus musculus]																				
							gi 12835087	12781.6	2	89	1.206	0.967	1.204	0.012	0.163	0.247	2	2	2	100	
	Protein Group																				
	D6Wsu176e protein precursor [Mus musculus]																				
							gi 42734496	27992.8													
	Fam3c protein [Mus musculus]																				
							gi 33417025	28022.8													
	Fam3c protein [Mus musculus]																				
							gi 47125071	36097													
	PREDICTED: protein FAM3C-like isoform 2 [Pan troglodytes]																				
							gi 55629272	27901.6													
	family with sequence similarity 3, member C [Rattus norvegicus]																				
							gi 38454280	27953.7													
	family with sequence similarity 3, member C precursor [Homo sapiens]																				
							gi 7661714	27920.7													
	Peptide Information																				
	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type				

	1359.6416	1359.5864	-0.0552	-41	54	62	DNWVFCGGK	49	99.652	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9], MMTS (C)[6]	[5] F5 and F10	402/394	1.218	1.130	1.451	1	Mascot		
	1646.9602	1646.8857	-0.0745	-45	66	75	TKSPFEQHIK	39	96.794	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,1 0]	[4] F11 and F3	130/122	1.194	0.828	0.999	1	Mascot		
110	collagen type I alpha 1 [Sus scrofa]				gij37811669		10249	1	87	1.328	2.093	1.125	0.000	0.000	0.000	1	1	1	100

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2838.2852	2838.2363	-0.0489	-17	7	28	VFCNMETGETCVYPTQP SVPQK	87	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[22], MMTS (C)[3,11]	[8] F2		448/440	1.328	2.093	1.125	1	Mascot

111	contactin-2 precursor [Homo sapiens]				gij4827022		119638.3	2	87	1.253	0.729	0.774	0.057	0.043	0.010	2	2	2	100
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Protein Group

TAG-1 protein (axonin 1)	gij444868	119652.4
contactin-2 [Pongo abelii]	gij197098330	119769.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1390.7616	1390.785	0.0234	17	129	137	FGFLQEFSK	48	99.563	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2] F4 and F13		296/288	1.199	0.771	0.765	1	Mascot
1428.8546	1428.8223	-0.0323	-23	465	476	VTVTPDGLIIR	38	95.973	(N-term)_iTRAQ[0]	[8] F2		375/367	1.310	0.688	0.784	1	Mascot

112	RecName: Full=Fabulin-1; Short=FIBL-1				gij30580425		70865.5	2	85	1.231	1.058	0.988	0.598	0.215	0.316	2	2	2	100
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Protein Group

Fibulin 1 [Homo sapiens]	gij18490682	80422.8
fibulin-1 C [Homo sapiens]	gij31419	80474.9
fibulin-1 isoform C precursor [Homo sapiens]	gij34734062	80460.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1320.7522	1320.7183	-0.0339	-26	580	589	HGTVSSFVAK	41	97.857	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[1] F8 061011		213/205	0.829	0.879	0.749	1	Mascot
1580.6451	1580.6099	-0.0352	-22	466	476	CLAFECPENYR	44	98.755	(N-term)_iTRAQ[0], MMTS (C)[1,6]	[8] F2		463/455	1.829	1.274	1.304	1	Mascot

113	cadherin-15 preproprotein [Homo sapiens]				gij4826669		91488.9	1	84	1.394	0.891	0.719	0.000	0.000	0.000	1	1	1	100
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Protein Group

M-cadherin [Mus musculus]	gij3228372	87808.8
cadherin-15 [Rattus norvegicus]	gij46485501	88045.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1918.875	1918.7867	-0.0883	-46	174	190	AEATDADDPETDNAALR	84	100	(N-term)_iTRAQ[0]	[8] F2		213/205	1.394	0.891	0.719	1	Mascot

114	vitamin K-dependent protein S precursor [Bos taurus]				gij27806095		83177.9	2	83	0.800	0.744	0.619	0.348	0.108	0.068	2	2	2	100
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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	1065.6554	1065.6118	-0.0436	-41	359	364	IEIQFK	40	96.924	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[5] F5 and F10	329/321	0.558	0.650	0.558	1	Mascot	
	1683.8336	1683.7052	-0.1284	-76	591	601	KDSFHSDFQR	44	98.75	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1]	[6] F12 and F9 and F7	211/203	1.148	0.852	0.686	1	Mascot	
115	PREDICTED: apolipoprotein D-like [Cavia porcellus]		gij348582766		23364.9	1	83	0.712	0.988	0.899	0.000	0.000	0.000	1	1	1	100	
Peptide Information																		
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1662.916	1662.9722	0.0562	34	165	176	DILTSNNIDIEK	83	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4] F11 and F3	1055/1047	0.712	0.988	0.899	1	Mascot		
116	unnamed protein product [Homo sapiens]		gij22761800		75687.3	2	81	1.441	1.103	1.131	0.387	0.171	0.173	2	2	2	100	
Protein Group																		
RecName: Full=Fibulin-1; Short=FIBL-1; Flags: Precursor				gij215274249		83067.2												
fibulin-1 isoform D precursor [Homo sapiens]				gij34734066		83095.2												
fibulin-1 isoform D precursor [Homo sapiens]				gij13661193		83128.3												
Peptide Information																		
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1580.6451	1580.6099	-0.0352	-22	486	496	CLAFECPENYR	44	98.755	(N-term)_iTRAQ[0], MMTS (C)[1,6]	[8] F2	463/455	1.829	1.274	1.304	1	Mascot		
1693.9397	1693.8815	-0.0582	-34	543	554	EFTRPEEIIFLR	38	95.192	(N-term)_iTRAQ[0]	[5] F5 and F10	439/431	1.136	0.955	0.981	1	Mascot		
117	glutaminy cyclase [Ovis aries]		gij3170172		28410.5	1	80	2.087	1.600	2.044	0.000	0.000	0.000	1	1	1	100	
Peptide Information																		
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1960.1477	1960.1471	-0.0006	0	199	213	LEAIEHGLHELGLLK	80	100	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[1] F8 061011	531/523	2.087	1.600	2.044	1	Mascot		
118	Chain A, Divalent Cation Tolerant Protein Cuta From Homo Sapiens O60888		gij56554578		16966.7	1	79	1.370	1.035	1.003	0.000	0.000	0.000	1	1	1	100	
Protein Group																		
brain acetylcholinesterase putative membrane anchor [Homo sapiens]				gij7341255		15755.2												
protein CutA isoform 2 [Homo sapiens]				gij7706244		17922.5												
Peptide Information																		
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1677.9296	1677.8711	-0.0585	-35	93	106	TQSSLVPALTDVFR	79	100	(N-term)_iTRAQ[0]	[8] F2	474/466	1.370	1.035	1.003	1	Mascot		
119	vitronectin precursor [Homo sapiens]		gij88853069		57941.1	1	79	0.968	0.802	1.161	0.000	0.000	0.000	1	1	1	100	
Protein Group																		
Vitronectin [Homo sapiens]				gij13477169		57971.1												
unnamed protein product [Homo sapiens]				gij36573		57978												
unnamed protein product [Homo sapiens]				gij36575		58037.1												
vitronectin [Pongo abelii]				gij197100902		57802.9												
Peptide Information																		
Calc. Mass	Obsrv. Mass	± da	± ppm	Start	End Sequence	Ion	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700	iTRAQ	iTRAQ	iTRAQ	Rank	Result Type		

	Seq.	Seq.	Score	Sample Name]	Ratio 114/117*	Ratio 115/117*	Ratio 116/117*									
	1790.9197	1790.8745	-0.0452	-25	198	212	DVWGIEGPIDAAFTR	79	100	(N-term)_iTRAQ[0]	[8] F2	496/488	0.968	0.802	1.161	1 Mascot
120	V-type proton ATPase subunit S1 precursor [Bos taurus]		53615.2	1	77	0.836	0.812	0.783	0.000	0.000	0.000	1	1	1	99.999	
Peptide Information																
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2233.2358	2233.2573	0.0215	10	191	208	77	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[4]	F11 and F3	1333/1325	0.836	0.812	0.783	1	Mascot
121	calreticulin [rabbits, sketetal muscle, Peptide, 401 aa]		52957.4	1	76	0.908	0.989	0.545	0.000	0.000	0.000	1	1	1	99.999	
Peptide Information																
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1753.8229	1753.781	-0.0419	-24	82	94	76	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[1]	F8 061011	245/237	0.908	0.989	0.545	1	Mascot
122	brain-type ribonuclease [Antilocapra americana]		20326.4	1	75	0.822	1.371	1.217	0.000	0.000	0.000	1	1	1	99.999	
Protein Group																
RecName: Full=Brain ribonuclease; Short=BRB				gij3024568	18156											
Peptide Information																
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1895.9348	1895.8885	-0.0463	-24	107	119	75	99.999	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6,13], MMTS(C)[10]	[1]	F8 061011	236/228	0.822	1.371	1.217	1	Mascot
123	similar to pro alpha 1(I) collagen [Bos taurus]		14422.3	1	73	1.042	0.910	1.106	0.000	0.000	0.000	1	1	1	99.998	
Protein Group																
Collagen, type I, alpha 1 [Homo sapiens]				gij22328092	148111.3											
collagen alpha-1(I) chain precursor [Canis lupus familiaris]				gij50978774	147718.9											
pro alpha 1(I) collagen [Bos taurus]				gij14043011	34495.9											
Peptide Information																
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1599.9189	1599.8799	-0.039	-24	101	113	73	99.998	(N-term)_iTRAQ[0]	[8]	F2	399/391	1.042	0.910	1.106	1	Mascot
124	alpha 1 (I) chain propeptide [Homo sapiens]		105491.5	1	73	1.042	0.910	1.106	0.000	0.000	0.000	1	1	1	99.998	
Peptide Information																
Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1599.9189	1599.8799	-0.039	-24	963	975	73	99.998	(N-term)_iTRAQ[0]	[8]	F2	399/391	1.042	0.910	1.106	1	Mascot
125	type I collagen alpha 1 chain [Mus sp.]		37820.6	1	73	1.042	0.910	1.106	0.000	0.000	0.000	1	1	1	99.998	
Protein Group																
Col1a1 protein [Mus musculus]				gij13096810	62883.2											
Col1a1 protein [Mus musculus]				gij37589303	125532.7											
alpha-1 type I procollagen [Mus musculus]				gij424104	38170.7											

collagen alpha-1(I) chain precursor [Mus musculus] gj|34328108 146845.5

collagen pro-alpha-1 type I chain [Mus musculus] gj|470674 146756.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1599.9189	1599.8799	-0.039	-24	246	258 ALLLQGSNEIELR	73	99.998	(N-term)_iTRAQ[0]	[8]	F2	399/391	1.042	0.910	1.106	1	Mascot

126 C-type natriuretic peptide precursor [Sus scrofa] gj|56606059 15390.5 1 71 0.628 0.779 0.950 0.000 0.000 0.000 1 1 1 99.998

Protein Group

C-type natriuretic peptide precursor [Ovis aries] gj|57164165 15464.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2011.0342	2011.1312	0.097	48	34	51 TPPGEEVAEPQAAGGGQK	71	99.998	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[4]	F11 and F3	947/939	0.628	0.779	0.950	1	Mascot

127 immunoglobulin lambda light chain [Bos taurus] gj|15088675 26551.1 1 69 1.204 0.701 1.143 0.000 0.000 0.000 1 1 1 99.997

Protein Group

anti-testosterone antibody [Bos taurus] gj|432627 26305

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2018.939	2018.8159	-0.1231	-61	212	227 GSYSCEVTHEGSTVTK	69	99.997	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16], MMTS (C)[5]	[8]	F2	308/300	1.204	0.701	1.143	1	Mascot

128 extracellular superoxide dismutase [Cu-Zn] precursor [Oryctolagus cuniculus] gj|130508879 26858.4 1 68 0.542 0.846 0.718 0.000 0.000 0.000 1 1 1 99.995

Protein Group

extracellular superoxide dismutase [Cu-Zn] precursor [Homo sapiens] gj|118582275 27067.2

extracellular-superoxide dismutase (EC 1.15.1.1) [Homo sapiens] gj|338284 27097.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1481.7832	1481.8273	0.0441	30	181	193 AVVVHAGEDDLGR	68	99.995	(N-term)_iTRAQ[0]	[3]	F14,15,16 and F6	760/752	0.542	0.846	0.718	1	Mascot

129 thyroxine-binding globulin precursor [Ovis aries] gj|155369640 50563.6 1 67 0.655 0.622 1.069 0.000 0.000 0.000 1 1 1 99.995

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1347.8035	1347.8147	0.0112	8	298	306 GVVNLFVPK	67	99.995	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[2]	F4 and F13	309/301	0.655	0.622	1.069	1	Mascot

130 insulin-like growth factor-binding protein 5 [Bos taurus] gj|263306 13885.5 1 66 1.605 1.316 2.188 0.000 0.000 0.000 1 1 1 99.993

Protein Group

IGFBP5 [Homo sapiens] gj|48145735 34534

insulin-like growth factor binding protein 5 [Mus musculus] gj|437125 34220.8

insulin-like growth factor binding protein-5 [Equus caballus] gj|56849566 12886

insulin-like growth factor-binding protein 5	gij1586428	34346.8
insulin-like growth factor-binding protein 5 precursor [Homo sapiens]	gij10834982	34548
insulin-like growth factor-binding protein 5 precursor [Mus musculus]	gij70909322	34349.8
insulin-like growth factor-binding protein 5 precursor [Rattus norvegicus]	gij6981088	34321.7
insulin-like growth factor-binding protein 5 precursor [Sus scrofa]	gij47523008	34360.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2383.0857	2382.9753	-0.1104	-46	84	101	66	99.993	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[5]	F5 and F10	243/235	1.605	1.316	2.188	1	Mascot

131 CCP modules 3-12, with parts of CCP 2 and 13 [Bos taurus] gij1419424 84142 1 66 1.441 1.501 1.245 0.000 0.000 0.000 1 1 1 99.992

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1616.8492	1616.8114	-0.0378	-23	384	394	66	99.992	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,11], MMTS (C)[1]	[1]	F8 061011	215/207	1.441	1.501	1.245	1	Mascot

132 Ig gamma heavy chain constant region - rabbit (fragment) gij2136983 22718.7 1 66 0.415 0.589 0.961 0.007 0.017 0.191 2 2 2 99.992

Protein Group

Ig gamma H-chain C-region [Oryctolagus cuniculus]	gij457366	38755.7
Ig gamma H-chain [Oryctolagus cuniculus]	gij165128	48079.4
RecName: Full=Ig gamma chain C region	gij121088	38867.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2651.2395	2651.2898	0.0503	19	153	172	66	99.992	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[6]	[5]	F5 and F10	1289/1281	0.422	0.573	1.152	1	Mascot
2667.2344	2667.3342	0.0998	37	153	172	64	99.989	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[6], Oxidation (M)[9]	[5]	F5 and F10	1209/1201	0.408	0.607	0.801	1	Mascot

133 RecName: Full=Phosphatidylcholine-sterol acyltransferase; AltName: Full=Lecithin-cholesterol acyltr gij21542351 22081.9 1 66 1.102 0.904 1.619 0.000 0.000 0.000 1 1 1 99.992

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1814.9421	1814.9829	0.0408	22	85	96	66	99.992	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1064/1056	1.102	0.904	1.619	1	Mascot

134 RecName: Full=Plasminogen gij51702791 15564.2 1 65 0.835 0.990 1.121 0.000 0.000 0.000 1 1 1 99.992

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2006.8876	2006.8495	-0.0381	-19	76	91	65	99.992	(N-term)_iTRAQ[0], MMTS (C)[15]	[8]	F2	396/388	0.835	0.990	1.121	1	Mascot

135 neuronal pentraxin-1 precursor [Mus musculus] gij6679120 51248.3 1 64 0.666 1.248 0.816 0.000 0.000 0.000 1 1 1 99.99

Protein Group

neuronal pentraxin 1 [Homo sapiens] gij1438954 51166.3
 neuronal pentraxin-1 precursor [Homo sapiens] gij55770878 51109.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2174.2278	2174.3406	0.1128	52	124	141 TPAAETLSQLGQTLQSLK	64	99.99	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[18]	[4]	F11 and F3	1310/1302	0.666	1.248	0.816	1	Mascot

136 SPARC precursor [Homo sapiens] gij4507171 38325.6 1 64 0.925 0.839 0.961 0.000 0.000 0.000 1 1 1 99.989

Protein Group

Chain A, Bm-40, FsEC DOMAIN PAIR gij2624793 30724.1
 Chain A, Helix C Deletion Mutant Of Bm-40 Fs-Ec Domain Pair gij4139513 30132.8
 RecName: Full=SPARC; AltName: Full=Basement-membrane protein 40; Short=BM-40; AltName: Full=Osteone SPARC [Bos taurus] gij27806147 38455.6
 SPARC precursor [Mus musculus] gij6678077 37999.5
 SPARC precursor [Pongo abelii] gij197102212 38357.6
 SPARC precursor [Rattus norvegicus] gij6981574 37845.4
 osteonectin [Homo sapiens] gij338325 38120.6
 osteonectin [Rattus norvegicus] gij600381 37792.2
 secreted acidic cysteine rich glycoprotein [Mus musculus] gij56800090 21219.9
 secreted acidic cysteine rich glycoprotein [Mus musculus] gij56800089 37871.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1492.7883	1492.8629	0.0746	50	141	150 LHLDYIGPCK	64	99.989	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[9]	[7]	F12 and F9 and F7 attempt 2	1392/1384	0.925	0.839	0.961	1	Mascot

137 type I collagen alpha 1 precursor [Ovis aries] gij8809712 23335.9 1 63 1.822 1.248 1.212 0.000 0.000 0.000 1 1 1 99.986

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1640.855	1640.795	-0.06	-37	164	179 STGISVPGPMGSPGPR	63	99.986	(N-term)_iTRAQ[0]	[8]	F2	306/298	1.822	1.248	1.212	1	Mascot

138 enkephalin precursor gij223387 30835.5 1 62 0.863 1.070 1.102 0.000 0.000 0.000 1 1 1 99.982

Protein Group

proenkephalin-A [Bos taurus] gij27806489 33404.9
 unnamed protein product [Bos taurus] gij331 28259.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2087.0066	2087.0425	0.0359	17	209	224	62	99.982	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4]	F11 and F3	1047/1039	0.863	1.070	1.102	1	Mascot

139 PREDICTED: hypothetical protein LOC478604 isoform 1 [Canis lupus familiaris] gij57109608 24945.8 1 62 1.564 1.863 1.833 0.000 0.000 0.000 1 1 1 99.981

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1823.02	1823.0228	0.0028	2	168	180	62	99.981	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[4]	F11 and F3	1137/1129	1.564	1.863	1.833	1	Mascot

140 CD14 [Ovis aries] gij31096292 17799.6 1 61 0.703 0.496 0.792 0.000 0.000 0.000 1 1 1 99.975

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1446.795	1446.7805	-0.0145	-10	3	13	61	99.975	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[1]	F8 061011	299/291	0.703	0.496	0.792	1	Mascot

141 Chain C, Crystal Structure Of Mouse Neuroserpin (Cleaved Form) gij18158628 32370.6 1 60 0.428 0.657 0.580 0.000 0.000 0.000 1 1 1 99.974

Protein Group

Serine (or cysteine) peptidase inhibitor, clade I, member 1 [Mus musculus] gij13904990 49462.2
 neuroserpin precursor [Mus musculus] gij6678091 49534.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1675.9265	1675.9668	0.0403	24	173	184	60	99.974	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2]	F4 and F13	290/282	0.428	0.657	0.580	1	Mascot

142 calyntenin-1 isoform 1 [Homo sapiens] gij57242757 117940.5 1 60 1.310 1.134 1.015 0.000 0.000 0.000 1 1 1 99.971

Protein Group

Calyntenin 1 [Homo sapiens] gij21706696 116719.8
 Cistn1 protein [Mus musculus] gij31753169 115754.6
 KIAA0911 protein [Homo sapiens] gij40788983 125894.7
 calyntenin-1 [Rattus norvegicus] gij347300280 114365.2
 calyntenin-1 isoform 2 [Homo sapiens] gij57242755 116646.9
 calyntenin-1 precursor [Mus musculus] gij12746426 117048.3
 mKIAA0911 protein [Mus musculus] gij50510703 122835.2
 non-classical cadherin XB31alpha1 [Homo sapiens] gij33315782 116541.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1926.0695	1926.1344	0.0649	34	89	103	60	99.971	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15]	[3]	F14,15,16 and F6	864/856	1.310	1.134	1.015	1	Mascot

143 fibrinogen A-alpha-chain [Canis lupus familiaris] gj|1304047 49533.3 1 60 0.613 0.849 0.979 0.000 0.000 0.000 1 1 1 99.969

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1661.981	1661.9297	-0.0513	-31	295	305 GEKELLIGNEK	60	99.969	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,1]	[1]	F8 061011	249/241	0.613	0.849	0.979	1	Mascot

144 dystroglycan [Homo sapiens] gj|398026 104712.6 1 59 0.683 0.768 0.840 0.020 0.118 0.413 2 2 2 99.967

Protein Group

Chain A, Crystal Structure Of A-Dystroglycan	gj 55670138	28003.6
Dystroglycan [Mus musculus]	gj 2924287	75845.5
alpha dystroglycan	gj 1587060	75862.5
dystroglycan precursor [Bos taurus]	gj 27806449	104355
dystroglycan precursor [Canis lupus familiaris]	gj 77404203	104324.3
dystroglycan precursor [Mus musculus]	gj 33859532	104325.4
dystroglycan preproprotein [Homo sapiens]	gj 294997282	104672.5
unnamed protein product [Mus musculus]	gj 26331204	104163.3
unnamed protein product [Mus musculus]	gj 26343839	104355.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2416.2693	2416.1841	-0.0852	-35	283	302 EGAMSAQLGYPVVGWHI ANK	59	99.967	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[5]	F5 and F10	427/419	0.663	0.666	0.563	1	Mascot
2416.2693	2416.2795	0.0102	4	283	302 EGAMSAQLGYPVVGWHI ANK	53	99.852	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20]	[2]	F4 and F13	253/245	0.703	0.886	1.253	1	Mascot

145 unnamed protein product [Oryctolagus cuniculus] gj|929752 10796.3 1 59 0.778 0.822 1.548 0.000 0.000 0.000 1 1 1 99.966

Protein Group

48 kda histamine receptor subunit peptide 4 {internal fragment} [human, peripheral blood mononuclea	gj 998467	3257.5
A-X actin [Mus musculus]	gj 309090	44824.7
ACTB protein [Homo sapiens]	gj 15277503	43352
ACTG1 protein [Homo sapiens]	gj 40225338	20398.2
ACTG1 protein [Homo sapiens]	gj 40226101	31784.2
ACTG2 [Homo sapiens]	gj 49168516	45101.7
Actin, beta [Homo sapiens]	gj 16359158	44893.7
Chain A, Complex Between Rabbit Muscle Alpha-Actin: Human Gelsolin Domain 1	gj 7766848	45155.8
Chain A, Crystal Structure Of Human Vitamin D-Binding Protein In Complex With Skeletal Actin	gj 21730554	44901.8

Chain A, Polylysine Induces An Antiparallel Actin Dimer That Nucleates Filament Assembly: Crystal S	gij20664362	44240.5
Chain A, Structural Basis Of Actin Sequestration By Thymosin-B4: Implications For Arp23 ACTIVATION	gij55669843	44312.6
Chain A, Structure Of Rabbit Actin In Complex With Kabiramide C	gij39654752	44875.7
PREDICTED: actin, alpha skeletal muscle-like isoform 3 [Macaca mulatta]	gij297281875	40813.7
RecName: Full=Actin, cytoplasmic 1; AltName: Full=Beta-actin; Contains: RecName: Full=Actin, cytopl	gij47116231	44849.7
RecName: Full=Actin, cytoplasmic 1; AltName: Full=Beta-actin; Contains: RecName: Full=Actin, cytopl	gij60389477	44978.7
RecName: Full=Putative beta-actin-like protein 3; AltName: Full=Kappa-actin; AltName: Full=POTE ank	gij74739412	45579.1
Unknown (protein for IMAGE:3538275) [Homo sapiens]	gij16924319	43635.2
Unknown (protein for IMAGE:3897065) [Homo sapiens]	gij16306948	19383.6
actin prepeptide [Homo sapiens]	gij178067	39508.8
actin, alpha 1, skeletal muscle [Homo sapiens]	gij56204817	34897.6
actin, alpha cardiac muscle 1 proprotein [Homo sapiens]	gij4885049	45149.8
actin, alpha skeletal muscle [Bos taurus]	gij27819614	45266.9
actin, alpha skeletal muscle [Homo sapiens]	gij4501881	45181.8
actin, aortic smooth muscle [Homo sapiens]	gij4501883	45185.8
actin, beta [Homo sapiens]	gij14250401	44136.4
actin, beta [Macaca fascicularis]	gij57281683	14491.4
actin, cytoplasmic 1 [Cricetulus griseus]	gij347360906	44868.7
actin, cytoplasmic 1 [Homo sapiens]	gij4501885	44867.7
actin, cytoplasmic 1 [Oryctolagus cuniculus]	gij156119364	44886.7
actin, cytoplasmic 1 [Pongo abelii]	gij197099682	44866.7
actin, cytoplasmic 2 [Homo sapiens]	gij4501887	44923.8
actin, gamma-enteric smooth muscle isoform 1 precursor [Homo sapiens]	gij4501889	45053.7
alpha 2 actin [Bos taurus]	gij61553131	48919.9
alpha-actin (AA 27-375) [Mus musculus]	gij49870	42147.7
alpha-actin (aa 40-375) [Mus musculus]	gij49864	40709.8

alpha-actin [Homo sapiens]	gij178027	45284.8
alpha-cardiac actin [Mus musculus]	gij387090	44869.8
alpha-smooth muscle actin - rabbit (fragment)	gij2136927	27633.2
beta actin [Cricetinae gen. sp.]	gij2318133	44859.8
beta actin [Cricetinae gen. sp.]	gij2318135	34828.6
beta actin [Lama glama]	gij29603621	36251.3
beta actin [Meriones unguiculatus]	gij41387701	22995.6
beta actin [Sus scrofa]	gij476332	27871.1
beta-actin FE-3 [Rattus norvegicus]	gij13516471	16264.2
beta-actin [Didelphis virginiana]	gij61375223	36150.5
beta-actin [Felis catus]	gij11191964	34425.7
beta-actin [Macaca fuscata]	gij6636344	31385.2
beta-actin [Macaca mulatta]	gij40744574	33666.2
beta-actin [Marmota monax]	gij9864780	34175.4
beta-actin [Mus musculus]	gij48237757	9302.5
beta-actin [Mustela putorius furo]	gij2724046	38781.9
beta-actin [Oryctolagus cuniculus]	gij12240086	16512.3
beta-actin [Ovis aries]	gij8809716	26728.3
beta-actin [Ovis aries]	gij2665740	29781.1
beta-actin [Sus scrofa]	gij20068082	19962.9
beta-actin-like [Canis lupus familiaris]	gij55741585	44749.9
beta-actin-like protein 2 [Mus musculus]	gij30425250	44990.9
cardiac actin [Canis lupus familiaris]	gij11493749	8151
cardiac alpha actin [Equus caballus]	gij14456493	8899.3
cytoskeletal beta actin [Sus scrofa]	gij45269029	47967.2
gamma actin-like protein [Mus musculus]	gij6425087	46678.3

gamma-actin [Homo sapiens]	gij178045	28109.3
gamma-actin [Mus musculus]	gij809561	44150.4
mutant beta-actin (beta'-actin) [Homo sapiens]	gij28336	44943.6
put. beta-actin (aa 27-375) [Mus musculus]	gij49868	42128.5
similar to beta actin [Bos taurus]	gij28189611	22161
skeletal muscle alpha-actin [Mus musculus]	gij387082	40672.6
smooth muscle alpha actin [Mesocricetus auratus]	gij21070328	17433.8
smooth muscle gamma-actin [Mus musculus]	gij950002	45623.9
unnamed protein product [Mus musculus]	gij12852068	45077.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1934.9944	1934.9412	-0.0532	-27	48	63	59	99.966	(N-term)_iTRAQ[0]	[8]	F2	421/413	0.778	0.822	1.548	1	Mascot

146 PREDICTED: beta-actin-like protein 2-like [Canis lupus familiaris] gij57043600 44903.7 1 59 0.778 0.822 1.548 0.000 0.000 0.000 1 1 1 99.966

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1934.9944	1934.9412	-0.0532	-27	240	255	59	99.966	(N-term)_iTRAQ[0]	[8]	F2	421/413	0.778	0.822	1.548	1	Mascot

147 truncated tenascin XB [Homo sapiens] gij6448761 31411.2 1 59 1.296 1.895 1.022 0.000 0.000 0.000 1 1 1 99.964

Protein Group

RecName: Full=Putative tenascin-XA; Short=TN-XA	gij74706767	34917.8
tenascin-X [Bos taurus]	gij27807269	469186.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2149.0645	2148.9951	-0.0694	-32	253	271	59	99.964	(N-term)_iTRAQ[0]	[8]	F2	304/296	1.296	1.895	1.022	1	Mascot

148 V-set and transmembrane domain containing 2A [Homo sapiens] gij20306326 29430.1 1 57 1.124 0.810 0.589 0.564 0.110 0.255 2 2 2 99.945

Protein Group

V-set and transmembrane domain containing 2A [Mus musculus]	gij20072584	28028.4
V-set and transmembrane domain containing 2A [Mus musculus]	gij56205459	33336.9
V-set and transmembrane domain containing 2A [Mus musculus]	gij56205460	27929.4
V-set and transmembrane domain-containing protein 2A precursor [Mus musculus]	gij281182810	28159.5
hypothetical protein MGC33530 [Homo sapiens]	gij51094556	29286.9

unnamed protein product [Mus musculus] gij26347777 32545.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1791.9122	1791.9662	0.054	30	128	140	VTDANYGELQEHK	57	99.945	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[3] F14,15,16 and F6	767/759	1.688	0.920	0.411	1	Mascot		
1791.9122	1791.9716	0.0594	33	128	140	VTDANYGELQEHK	42	98.218	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[7] F12 and F9 and F7 attempt 2	1246/1238	0.749	0.713	0.844	1	Mascot		
149	GOLPH2 [Homo sapiens]			gij48146519		48655.1	1	57	1.413	0.991	1.087	0.000	0.000	0.000	1	1	1	99.942

Protein Group

Golgi membrane protein 1 [Homo sapiens]	gij29550838	48758.1
golgi membrane protein 1 [Homo sapiens]	gij55662179	49697.6
golgi membrane protein GP73 [Homo sapiens]	gij7271867	48627

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1653.9183	1654.004	0.0857	52	66	75	KNEFQGELEK	57	99.942	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[1,10]	[7] F12 and F9 and F7 attempt 2	863/855	1.413	0.991	1.087	1	Mascot		
150	immunoglobulin V lambda chain [Ovis aries]			gij2766639		12428.9	1	57	2.230	0.501	0.750	0.000	0.000	0.000	1	1	1	99.937

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1808.9568	1808.8837	-0.0731	-40	51	65	YGVGWQQLPGSGLR	57	99.937	(N-term)_iTRAQ[0]	[8] F2	476/468	2.230	0.501	0.750	1	Mascot		
151	immunoglobulin lambda light chain VLJ region [Homo sapiens]			gij21669651		30883.4	1	56	1.249	1.145	0.875	0.101	0.111	0.250	4	4	4	99.933

Protein Group

Bence Jones protein HAG=monoclonal IgM lambda VIII light chain {V region} [human, multiple myeloma, Peptide Partial, 117 aa]	gij632814	13347.6
Chain A, Bence Jones Protein Cle, A Lambda Iii Immunoglobulin Light- Chain Dimer	gij2194054	24521.1
Chain A, Crystal Structure Of Monoclonal Antibody 2d12.5 Fab Complexed With Y-Dota	gij40889110	24644.1
Chain A, Crystal Structure Of The Fab Fragment From The Human Myeloma Immunoglobulin Igg Hil At 1.8 Angstroms Resolution	gij443559	24694.3
Chain A, Three-Dimensional Structure Of An Immunoglobulin Light Chain Dimer Acting As A Lethal Amyloid Precursor	gij21465749	24966.5
Chain L, Anti-Morphine Antibody 9b1 Unliganded Form	gij48425241	24260.2
Chain L, Cocaine Hydrolytic Antibody 15a10	gij46014931	24571.2
Chain L, Crystal Structure Of A Human Igm Rheumatoid Factor Fab In Complex With Its Autoantigen Igg Fc	gij3659942	24637.3
Chain L, Crystal Structure Of An Anti-Carbohydrate Antibody Directed Against Vibrio Cholerae O1 In Complex With Antigen	gij9954938	24105
Chain L, Crystal Structure Of An Anti-Carbohydrate Antibody Directed Against Vibrio Cholerae O1 In Complex With Antigen	gij9954942	24119
Chain L, Crystal Structure Of Human Factor Ix Gla	gij42543068	25086.7

Domain In Complex Of An Inhibitory Antibody, 10c12		
Chain L, Fab Fragment	gij1633069	24263.1
Chain L, Free Conformation Ab1 Of The Ige Spe-7	gij42543147	13308.8
Chain L, High Resolution Structures Of Antibody Fab Fragment Complexed With Cell-Surface Oligosaccharide Of Pathogenic Salmonella	gij494368	24807.2
Chain L, How The Anti-(Metal Chelate) Antibody Cha255 Is Specific For The Metal Ion Of Its Antigen: X-Ray Structures For Two Fab'(Slash)hapten Complexes With Different Metals In The Chelate	gij443045	24838.2
Chain L, N1g9 (Igg1-Lambda) Fab Fragment	gij1633154	24766.2
Chain L, Recognition Of A Cell-Surface Oligo-Saccharide Of Pathogenic Salmonella By An Antibody Fab Fragment	gij494374	24790.1
Chain L, Refined Three-Dimensional Structure Of The Fab Fragment Of A Murine Igg1, Lambda Antibody	gij515129	24188
Chain L, The Three-Dimensional Structure Of An Anti-Sweetener Fab, Nc10.14, Shows The Extent Of Structural Diversity In Antigen Recognition By Immunoglobulins	gij11514460	24802.3
Chain L, Three-Dimensional Structure Of A Human Fab With High Affinity For Tetanus Toxoid	gij2914164	24624.3
Chain W, Murine 6a6 Fab In Complex With Humanized Anti-Tissue Factor D3h44 Fab	gij34810347	24361.1
IGL@ protein [Homo sapiens]	gij48735306	28028.1
IGL@ protein [Homo sapiens]	gij49522736	27880.8
IGL@ protein [Homo sapiens]	gij21595392	27094.4
IGL@ protein [Homo sapiens]	gij20380868	26782.3
IGL@ protein [Homo sapiens]	gij49256434	26787.4
IGL@ protein [Homo sapiens]	gij49258104	26655.2
IGL@ protein [Homo sapiens]	gij47939570	26911.4
IGL@ protein [Homo sapiens]	gij21410208	27442.7
Ig A L	gij229536	25060.5
Ig L-chain V-region [Homo sapiens]	gij27552515	25023.6
Ig V lambda	gij226513	15750.9
Ig VJC-region [Homo sapiens]	gij306977	26885.4
Ig lambda C Sut	gij224503	13263.8
Ig lambda VI THO	gij224892	25411.5
Ig lambda chain (BJP-DIA) - human	gij539617	24726.3

Ig lambda chain - human	gij106637	26662.2
Ig lambda chain - human	gij106642	26700.2
Ig lambda chain - human	gij106643	26734.5
Ig lambda chain - human	gij106640	26917.4
Ig lambda chain - human	gij106639	26723.4
Ig lambda chain - human	gij106655	27005.6
Ig lambda chain - human	gij106653	26623.3
Ig lambda chain - human	gij106651	26506.2
Ig lambda chain - human	gij106649	28312.2
Ig lambda chain - human	gij106648	26653.1
Ig lambda chain - human	gij106636	26618.1
Ig lambda chain - human	gij106645	26947.4
Ig lambda chain - human (fragment)	gij106657	26903.5
Ig lambda chain - human (fragment)	gij106660	26675.3
Ig lambda chain - human (fragment)	gij106656	17109.4
Ig lambda chain - human (fragment)	gij106661	22181.1
Ig lambda chain V region (Zim) - human (fragment)	gij87899	12695.4
Ig lambda chain V region - human	gij478602	24485.3
Ig lambda chain V region - human	gij346196	13069.5
Ig lambda chain V region - human	gij7439053	24713.4
Ig lambda chain V region - human (fragment)	gij478653	16264.1
Ig lambda chain V region MabB23 - mouse	gij2135590	24658.2
Ig lambda chain V-region (V-J) [Homo sapiens]	gij186112	15814.9
Ig lambda chain V-region [Homo sapiens]	gij1864143	15653.1
Ig lambda chain precursor - human	gij87890	26978.5
Ig lambda chain precursor V region (JP-DL-3) - human (fragment)	gij87891	15229.6

Ig lambda light chain variable region (VJC) [Homo sapiens]	gij439517	14408
Ig lambda,anti-Rh(c)	gij227167	25272.6
Ig lambda-1 chain V region (hybridoma Se155-4) - mouse	gij627941	12752.4
Ig rearranged L-chain V-region [Homo sapiens]	gij28559048	17981.9
IgG1/L immunoglobulin light chain VL2 variable region [Homo sapiens]	gij33340655	13207.4
IgM heavy chain variable region [Homo sapiens]	gij4100378	13233.5
IgM heavy chain variable region [Homo sapiens]	gij4100376	13435.7
IgM light chain [Homo sapiens]	gij4261790	14170.1
Shigella dysenteriae type 1-specific antibody light chain variable region [Mus sp.]	gij1087011	12209.2
This CDS feature is included to show the translation of the corresponding V_region. Presently translation qualifiers on V_region features are illegal [Homo sapiens]	gij619634	15022.5
Unknown (protein for MGC:27152) [Homo sapiens]	gij16198375	26910.5
Unknown (protein for MGC:31936) [Homo sapiens]	gij18044241	26886.3
Unknown (protein for MGC:31944) [Homo sapiens]	gij18380972	26874.3
amyloid fibril protein Es492,Ig lambda	gij224730	19163.6
amyloid lambda 6 light chain variable region SAR [Homo sapiens]	gij14279407	13099.4
amyloidogenic immunoglobulin lambda VI chain variable region [Homo sapiens]	gij4732060	12825.2
anti-HIV-1 gp120 immunoglobulin 23e lambda light chain [Homo sapiens]	gij40647140	21791.8
anti-Rh(D) antibody [Homo sapiens]	gij7765075	22710.4
anti-carcinoma surface antigen monoclonal antibody AC6C3 [Homo sapiens]	gij998391	15218.5
anti-flavocytochrome b2 IgG [Mus musculus]	gij12584580	26584.3
anti-peptide/MHC complex HLA-A1/MAGE-A1 monoclonal antibody light chain [Homo sapiens]	gij16974104	24982.5
anti-rabies SO57 immunoglobulin lambda light chain [Homo sapiens]	gij27728683	27766.8
anti-rabies SOJB immunoglobulin lambda light chain [Homo sapiens]	gij27728687	26882.4
antiporphyrin immunoglobulin G lambda chain variable region [Mus musculus]	gij27763668	25955.1
antiporphyrin immunoglobulin G lambda chain variable region [Mus musculus]	gij27762580	26098.1
immunoglobulin anti-granzymeB light chain variable	gij13235108	14099

region [Homo sapiens]		
immunoglobulin kappa light chain V region [Homo sapiens]	gij2599538	13492.9
immunoglobulin kappa light chain V region [Homo sapiens]	gij2599540	12635.3
immunoglobulin kappa light chain variable region DPL5 [Homo sapiens]	gij5731247	15163.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287807	15247.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287765	15392.8
immunoglobulin lambda chain [Macaca mulatta]	gij40287823	14669.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287763	15350.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287819	15406.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287821	14758.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287769	15283.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287813	15048.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287815	15018.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287817	14909.5
immunoglobulin lambda chain [Macaca mulatta]	gij40287771	15345.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287809	15203.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287827	15006.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287851	14125.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287837	14169.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287839	14185.3
immunoglobulin lambda chain [Macaca mulatta]	gij40287767	15461.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287847	14155.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287849	14155.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287773	15436.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287825	14857.4
immunoglobulin lambda chain [Macaca mulatta]	gij40287833	14161
immunoglobulin lambda chain [Macaca mulatta]	gij40287843	14169.2

immunoglobulin lambda chain [Macaca mulatta]	gij40287841	14155.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287811	15240.6
immunoglobulin lambda chain [Macaca mulatta]	gij40287845	14203.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287831	14283.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287803	15296.7
immunoglobulin lambda chain [Macaca mulatta]	gij40287829	14309.2
immunoglobulin lambda chain [Macaca mulatta]	gij40287835	14199.3
immunoglobulin lambda chain [Mus musculus]	gij393152	12729.5
immunoglobulin lambda chain [Mus musculus]	gij37196479	25204.5
immunoglobulin lambda chain [Mus musculus]	gij37196529	25111.5
immunoglobulin lambda chain [Mus musculus]	gij393148	12644.4
immunoglobulin lambda chain [Mus musculus]	gij37196444	25085.4
immunoglobulin lambda chain [Mus musculus]	gij37196442	24898.5
immunoglobulin lambda chain [Mus musculus]	gij37196465	25043.6
immunoglobulin lambda chain [Mus musculus]	gij37221169	24995.6
immunoglobulin lambda chain [Mus musculus]	gij37221129	25103.5
immunoglobulin lambda chain [Mus musculus]	gij37221125	25062.5
immunoglobulin lambda chain [Mus musculus]	gij37221133	25059.5
immunoglobulin lambda chain [Mus musculus]	gij37221064	24848.6
immunoglobulin lambda chain [Mus musculus]	gij37221147	25075.5
immunoglobulin lambda chain [Mus musculus]	gij37221090	24972.5
immunoglobulin lambda chain [Mus musculus]	gij37221143	25107.5
immunoglobulin lambda chain [Mus musculus]	gij37221163	24858.5
immunoglobulin lambda chain [Mus musculus]	gij37221094	25217.7
immunoglobulin lambda chain [Mus musculus]	gij37196450	25183.6
immunoglobulin lambda chain [Mus musculus]	gij37196446	24931.4

immunoglobulin lambda chain [Mus musculus]	gij37196494	25188.7
immunoglobulin lambda chain [Mus musculus]	gij37196485	25089.5
immunoglobulin lambda chain [Mus musculus]	gij37196498	25077.5
immunoglobulin lambda chain [Mus musculus]	gij37196440	25026.4
immunoglobulin lambda chain [Mus musculus]	gij37196527	25040.4
immunoglobulin lambda chain [Mus musculus]	gij37196508	25095.6
immunoglobulin lambda chain [Mus musculus]	gij37196512	25133.6
immunoglobulin lambda chain [Mus musculus]	gij37221117	25075.4
immunoglobulin lambda chain [Mus musculus]	gij37196481	25056.6
immunoglobulin lambda chain [Mus musculus]	gij37196514	25130.5
immunoglobulin lambda chain [Mus musculus]	gij37196504	25009.4
immunoglobulin lambda chain [Mus musculus]	gij37196467	25154.6
immunoglobulin lambda chain [Mus musculus]	gij37196483	24927.4
immunoglobulin lambda chain [Mus musculus]	gij37196525	25134.5
immunoglobulin lambda chain [Mus musculus]	gij37196523	25021.5
immunoglobulin lambda chain [Mus musculus]	gij37196500	25119.5
immunoglobulin lambda chain [Mus musculus]	gij37221153	25061.5
immunoglobulin lambda chain [Mus musculus]	gij37221139	25116.5
immunoglobulin lambda chain [Mus musculus]	gij37221105	25117.6
immunoglobulin lambda chain [Mus musculus]	gij37221085	24867.5
immunoglobulin lambda chain [Mus musculus]	gij37221141	25119.5
immunoglobulin lambda chain [Mus musculus]	gij37221059	25089.5
immunoglobulin lambda chain [Mus musculus]	gij37221071	25187.6
immunoglobulin lambda chain [Mus musculus]	gij37221159	25203.6
immunoglobulin lambda chain [Mus musculus]	gij37221131	25016.5
immunoglobulin lambda chain [Mus musculus]	gij37221087	25117.6

immunoglobulin lambda chain [Mus musculus]	gij37221135	25131.6
immunoglobulin lambda chain [Mus musculus]	gij37221145	25000.5
immunoglobulin lambda chain [Mus musculus]	gij37221137	25075.5
immunoglobulin lambda chain [Mus musculus]	gij37221113	25027.6
immunoglobulin lambda chain [Mus musculus]	gij37221155	25117.5
immunoglobulin lambda chain [Mus musculus]	gij37221167	25164.5
immunoglobulin lambda chain [Mus musculus]	gij37221127	25101.6
immunoglobulin lambda chain [Mus musculus]	gij37221115	25088.6
immunoglobulin lambda chain [Mus musculus]	gij37196531	25138.5
immunoglobulin lambda chain [Mus musculus]	gij37196496	25106.5
immunoglobulin lambda chain variable and joining regions [Mus musculus]	gij623386	12824.5
immunoglobulin lambda chain variable and joining regions [Mus musculus]	gij619963	12757.4
immunoglobulin lambda chain variable region [Homo sapiens]	gij5578834	12793.3
immunoglobulin lambda chain variable region [Homo sapiens]	gij587378	13906.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587360	13715.8
immunoglobulin lambda chain variable region [Homo sapiens]	gij587388	14077
immunoglobulin lambda chain variable region [Homo sapiens]	gij587416	14177
immunoglobulin lambda chain variable region [Homo sapiens]	gij587384	14013.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587398	13734.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587358	13772.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587402	13598.8
immunoglobulin lambda chain variable region [Homo sapiens]	gij587412	14255.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587408	14243.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587414	14181.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587395	13885
immunoglobulin lambda chain variable region [Homo sapiens]	gij587382	13693.7

sapiens]		
immunoglobulin lambda chain variable region [Homo sapiens]	gij587364	13915.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587380	14179
immunoglobulin lambda chain variable region [Homo sapiens]	gij587404	13820
immunoglobulin lambda chain variable region [Homo sapiens]	gij587406	13840.8
immunoglobulin lambda chain variable region [Homo sapiens]	gij587418	14481.1
immunoglobulin lambda chain variable region [Homo sapiens]	gij587420	14617.1
immunoglobulin lambda chain variable region [Homo sapiens]	gij587368	13590.7
immunoglobulin lambda chain variable region [Homo sapiens]	gij587410	14198.9
immunoglobulin lambda chain variable region [Homo sapiens]	gij587400	14112.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669669	30256.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669665	30175.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669501	30537.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669677	30251.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669243	14016
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669537	30567.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669521	30351.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669511	30644.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669533	30618.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669643	30722.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669619	29766.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669595	30373
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669573	30091.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669645	30601.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669505	30517.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669529	30366.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669495	30717.4

sapiens]		
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669507	30637.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669641	30335.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669659	30438.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669509	30377.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669625	30205
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669535	30444
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669515	30255.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669639	29578.7
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669493	30544.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669547	29959.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669615	31355.7
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669587	30073.7
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669623	29785.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669599	30191.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669575	30189
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669525	30323
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669545	29977.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669581	30673.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669593	30264.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669597	30318
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669671	30021.7
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669551	30043.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669675	30201.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669543	30148
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669655	31077.5
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669517	30384.1

sapiens]		
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669571	29921.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669617	29887.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669503	30487.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669629	29913.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669591	30235.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669635	30205
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669607	30874.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669609	31423.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669613	30852.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669539	30268.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669531	30406.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669563	30382.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669567	30375.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669247	12858.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669653	31564.9
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669627	29857.8
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669603	31291.6
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669601	31364.7
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669541	30559.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669565	30760.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669667	29903
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669661	30436.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669561	30736.3
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669657	30520.2
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669663	30520.1
immunoglobulin lambda light chain VLJ region [Homo sapiens]	gij21669577	30361.1

sapiens]		
immunoglobulin lambda light chain [Homo sapiens]	gij2765427	27177.5
immunoglobulin lambda light chain [Homo sapiens]	gij219888	27688
immunoglobulin lambda light chain [Homo sapiens]	gij21311293	15402.9
immunoglobulin lambda light chain [Homo sapiens]	gij468247	24988.4
immunoglobulin lambda light chain [Homo sapiens]	gij6467839	25015.6
immunoglobulin lambda light chain [Homo sapiens]	gij1684928	22607.3
immunoglobulin lambda light chain variable and constant region [Homo sapiens]	gij27818835	12711.3
immunoglobulin lambda light chain variable region 4a [Homo sapiens]	gij3335588	13423.7
immunoglobulin lambda light chain variable region 4a [Homo sapiens]	gij3335580	13977
immunoglobulin lambda light chain variable region 4a [Homo sapiens]	gij3335594	13307.6
immunoglobulin lambda light chain variable region 4a [Homo sapiens]	gij3335586	13472.6
immunoglobulin lambda light chain variable region [Homo sapiens]	gij47271324	12792.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij47271328	12809.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388057	13025.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324232	12255.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324110	12176
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324062	11591.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388053	13116.5
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324186	12346.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324128	12202.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324088	11406.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324044	12366.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324178	12060
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388059	13262.6
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324056	12062.1
immunoglobulin lambda light chain variable region	gij4324244	12626.4

[Homo sapiens]		
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388063	13155.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388075	13079.6
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369054	15208.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324152	12537.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324040	12512.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324200	11772.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324098	12517.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324026	12285.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324140	11872.9
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324102	11790.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324230	11932
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369050	12756.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324268	12233.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369034	12963.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324096	11960
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324124	12315.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324078	12841.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324252	12056
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324142	11873.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369083	15745.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388061	13160.6
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324164	12846.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324262	11933.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324282	11883.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324280	12134
immunoglobulin lambda light chain variable region	gij4324204	11849.9

[Homo sapiens]		
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369065	14920.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324144	12083
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324246	12210
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324038	11924.9
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388049	13330.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324028	13021.6
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324154	12044
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324050	12074
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324190	12568.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324196	11833.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324266	12386.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324116	12722.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388073	12875.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324080	10741.5
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324046	12364.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324284	12283.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324260	12473.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324174	12252.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324082	10632.4
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324224	12457.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324270	11837.9
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324172	12429.1
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324030	12063.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324092	11817.7
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324076	12090.9
immunoglobulin lambda light chain variable region	gij4324064	12023

[Homo sapiens]		
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324272	12206.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324162	12193.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij3388069	12948.3
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324254	12263
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324042	11677.8
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324248	11989.9
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324054	12122
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324122	12453.2
immunoglobulin lambda light chain variable region [Homo sapiens]	gij27369069	15365.9
immunoglobulin lambda light chain variable region [Homo sapiens]	gij47271322	13873.1
immunoglobulin lambda-1 light chain precursor [Mus musculus]	gij387376	26693.3
immunoglobulin lambda-chain [Homo sapiens]	gij185364	27123.5
immunoglobulin lambda-chain [Homo sapiens]	gij434698	15026.4
immunoglobulin lambda-chain [Homo sapiens]	gij186135	16522.3
immunoglobulin lambda-chain [Homo sapiens]	gij186083	15465.5
immunoglobulin lambda-chain [Homo sapiens]	gij186091	14936.3
immunoglobulin lambda-chain [Homo sapiens]	gij186093	15096.4
immunoglobulin lambda-chain [Homo sapiens]	gij186095	14728.3
immunoglobulin lambda-chain [Mus musculus]	gij197685	14931.8
immunoglobulin lambda-chain [Mus musculus]	gij197683	14849.6
immunoglobulin light chain Fab fragment [Homo sapiens]	gij3954950	14179
immunoglobulin light chain [Homo sapiens]	gij553496	15735.8
immunoglobulin light chain [Homo sapiens]	gij1684927	23162.6
immunoglobulin light chain [Mus musculus]	gij34481886	23062.4
immunoglobulin light chain lambda 1 [Homo sapiens]	gij11992192	14157.1
immunoglobulin light chain lambda 2 [Homo sapiens]	gij11992186	13981.7

immunoglobulin light chain lambda 3 [Homo sapiens]	gij11992196	13870.9
immunoglobulin light chain lambda 6 [Homo sapiens]	gij11992204	14329
immunoglobulin light chain lambda 6 [Homo sapiens]	gij11992202	14123.9
immunoglobulin light chain lambda 6 [Homo sapiens]	gij11992200	14482.2
immunoglobulin light chain variable region [Homo sapiens]	gij11558190	14416.3
immunoglobulin light chain variable region [Homo sapiens]	gij12734074	13701.6
immunoglobulin light chain variable region [Homo sapiens]	gij12734067	13965
immunoglobulin light chain variable region [Homo sapiens]	gij12734092	14357.1
immunoglobulin light chain variable region [Homo sapiens]	gij11121491	14551.4
immunoglobulin light chain variable region [Homo sapiens]	gij11121493	14528.5
immunoglobulin light chain variable region [Homo sapiens]	gij22095259	14951.8
immunoglobulin light chain variable region [Homo sapiens]	gij18025610	16551.1
immunoglobulin light chain variable region [Homo sapiens]	gij22095217	13432.6
immunoglobulin light chain variable region [Homo sapiens]	gij22095251	12732.3
immunoglobulin light chain variable region [Homo sapiens]	gij3327990	14795.4
immunoglobulin light chain variable region [Homo sapiens]	gij7688925	12809.5
immunoglobulin light chain variable region [Homo sapiens]	gij3327988	14945.5
immunoglobulin light chain variable region [Homo sapiens]	gij3327992	14693.2
immunoglobulin light chain variable region [Homo sapiens]	gij22095229	12736.4
immunoglobulin light chain variable region [Homo sapiens]	gij3328010	14432.5
immunoglobulin light chain variable region [Homo sapiens]	gij22095189	12931.4
immunoglobulin light chain variable region [Homo sapiens]	gij12698680	13614.8
immunoglobulin light chain variable region [Homo sapiens]	gij22095253	15061.6
immunoglobulin light chain variable region [Homo sapiens]	gij465170	17501.8
immunoglobulin light chain variable region [Homo sapiens]	gij12698674	14424.1
immunoglobulin light chain variable region [Homo sapiens]	gij1087002	12240.2

sapiens]		
immunoglobulin light chain variable region [Homo sapiens]	gij12734088	13990.9
immunoglobulin light chain variable region [Homo sapiens]	gij12734083	14088.9
immunoglobulin light chain variable region [Homo sapiens]	gij12734077	14040.1
immunoglobulin light chain variable region [Homo sapiens]	gij12698676	14601.2
immunoglobulin light chain variable region [Homo sapiens]	gij22095209	12737.3
immunoglobulin light chain variable region [Homo sapiens]	gij3327994	14805.5
immunoglobulin light chain variable region [Homo sapiens]	gij465176	17312.9
immunoglobulin light chain variable region [Mus musculus]	gij37784142	14451.3
immunoglobulin variable region [Homo sapiens]	gij306918	15384.7
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524117	14477
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524109	13891.7
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524095	14282.2
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524093	13955
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524125	13933.7
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524091	13849.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524131	14165.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524121	14225.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524123	14359
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524115	14219.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524103	14226.1
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524097	13878.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524107	13715.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524087	13770.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij5524127	14108.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023127	14226.9
lambda 1 immunoglobulin light chain variable region	gij3023107	14024

[Homo sapiens]		
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023105	13742.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023133	14147.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023119	14027.1
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023123	14218
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023113	13680
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023115	13947.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023125	14149.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij4761260	13789.8
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023103	13900
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023129	14287.9
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij4761254	13634.7
lambda 1 immunoglobulin light chain variable region [Homo sapiens]	gij3023121	14378
lambda 2 immunoglobulin light chain variable region [Homo sapiens]	gij4927958	14181.1
lambda 2 immunoglobulin light chain variable region [Homo sapiens]	gij4761264	13799.8
lambda 3 immunoglobulin light chain variable region [Homo sapiens]	gij4761270	13778.7
lambda 3 immunoglobulin light chain variable region [Homo sapiens]	gij4761268	13708.7
lambda 6 immunoglobulin light chain variable region [Homo sapiens]	gij4927956	12587.1
lambda 6 immunoglobulin light chain variable region [Homo sapiens]	gij4761278	14492
lambda 6 immunoglobulin light chain variable region [Homo sapiens]	gij4761276	14367
lambda 6 immunoglobulin light chain variable region [Homo sapiens]	gij4761280	13936.7
monoclonal antibody HB4C5 light chain [Homo sapiens]	gij1524073	13428.9
protein CAP,Bence-Jones	gij223968	12540.1
protein MES,Bence-Jones	gij223971	12715.2
protein NIG51 lambda,Bence-Jones	gij223229	24586.2
protein OKA,Bence-Jones	gij223972	12681.2
protein SUT,Bence-Jones	gij223863	13261.4

rheumatoid factor G9 light chain [Homo sapiens]	gij298557	13845.9
unnamed protein product [Homo sapiens]	gij34526178	26825.4
unnamed protein product [Mus musculus]	gij12841278	15580.6
unnamed protein product [Mus musculus]	gij12842122	26529.2
variable immunoglobulin anti-HLA lambda light chain [Homo sapiens]	gij2654044	13058.5
variable immunoglobulin anti-HLA lambda light chain [Homo sapiens]	gij2654036	12391.2
variable immunoglobulin anti-steroid light chain [Homo sapiens]	gij1695139	14414.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1143.7347	1143.745	0.0103	9	129	136	LTVLGQPK	52	99.802	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	239/231	1.285	1.227	1.137	1	Mascot
1143.7347	1143.7556	0.0209	18	129	136	LTVLGQPK	49	99.639	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	135/127	1.096	1.276	0.863	1	Mascot
1143.7347	1143.7593	0.0246	22	129	136	LTVLGQPK	44	98.738	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	477/469	1.284	1.079	0.587	1	Mascot
1143.7347	1143.7604	0.0257	22	129	136	LTVLGQPK	56	99.933	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	936/928	1.346	1.016	1.020	1	Mascot

152 immunoglobulin light chain variable region [Homo sapiens] gij3328006 13687.7 1 55 1.249 1.145 0.875 0.101 0.111 0.250 4 4 4 99.912

Protein Group

immunoglobulin lambda light chain variable region [Homo sapiens] gij27369079 12877.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1143.7347	1143.745	0.0103	9	107	114	LTVXGQPK	52	99.802	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	239/231	1.285	1.227	1.137	1	Mascot
1143.7347	1143.7556	0.0209	18	107	114	LTVXGQPK	49	99.639	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	135/127	1.096	1.276	0.863	1	Mascot
1143.7347	1143.7593	0.0246	22	107	114	LTVXGQPK	44	98.738	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	477/469	1.284	1.079	0.587	1	Mascot
1143.7347	1143.7604	0.0257	22	107	114	LTVXGQPK	56	99.933	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	936/928	1.346	1.016	1.020	1	Mascot

153 PREDICTED: EGF containing fibulin-like extracellular matrix protein 1 [Canis lupus familiaris] gij57092953 58743.1 1 55 1.307 1.403 1.245 0.000 0.000 0.000 1 1 1 99.916

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1825.8314	1825.7839	-0.0475	-26	372	385	NPCQDPYVLTSENR	55	99.916	(N-term)_iTRAQ[0], MMTS (C)[3]	[8]	F2	366/358	1.307	1.403	1.245	1	Mascot

154 proSAAS [Mus musculus] gij6653209 27747 1 55 1.366 1.389 1.570 0.000 0.000 0.000 1 1 1 99.914

Protein Group

proSAAS [Mus musculus] gij257153448 27732

proSAAS [Rattus norvegicus] gij9507061 27876.1

proSAAS precursor [Homo sapiens] gij7019519 27834.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1315.709	1315.7361	0.0271	21	66	77	55	99.914	(N-term)_iTRAQ[0]	[4]	F11 and F3	1012/1004	1.366	1.389	1.570	1	Mascot

155 alpha-2-antiplasmin precursor [Bos taurus] gij27807209 58364.5 1 55 0.576 0.722 0.822 0.000 0.000 0.000 1 1 1 99.905

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1563.8754	1563.8358	-0.0396	-25	467	476	56	99.928	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,10]	[1]	F8 061011	242/234	0.576	0.722	0.822	1	Mascot

156 RecName: Full=Inter-alpha-trypsin inhibitor; Short=ITI; AltName: Full=GIK-14; AltName: Full=Inhibit gij51317404 15381.8 1 55 0.977 0.980 1.043 0.000 0.000 0.000 1 1 1 99.904

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1607.9043	1607.9338	0.0295	18	72	83	55	99.904	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[4]	F11 and F3	1252/1244	0.977	0.980	1.043	1	Mascot

157 haptoglobin beta chain [N-terminal] [Ursus arctos=brown bears, serum, Peptide Partial, 20 aa] gij998960 2452.3 1 54 0.429 0.395 1.436 0.000 0.000 0.000 1 1 1 99.896

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1208.6674	1208.6146	-0.0528	-44	10	17	54	99.896	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	311/303	0.429	0.395	1.436	1	Mascot

158 semaphorin-7A isoform 1 preproprotein [Homo sapiens] gij4504237 79540.7 1 54 0.717 0.437 0.889 0.000 0.000 0.000 1 1 1 99.878

Protein Group

semaphorin L [Homo sapiens]	gij3551779	71769.3
semaphorin L [Mus musculus]	gij3523117	46843.7
semaphorin-7A precursor [Mus musculus]	gij6755466	79376.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1791.9124	1792.0386	0.1262	70	227	239	54	99.878	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[7]	F12 and F9 and F7 attempt 2	1213/1205	0.717	0.437	0.889	1	Mascot

159 insulin-like growth factor binding protein-6 [Equus caballus] gij56849568 10490.1 1 53 0.389 0.719 0.818 0.000 0.000 0.000 1 1 1 99.871

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1688.7738	1688.7689	-0.0049	-3	63	75	53	99.871	(N-term)_iTRAQ[0], MMTS (C)[10]	[5]	F5 and F10	1145/1137	0.389	0.719	0.818	1	Mascot

160 RecName: Full=Cadherin-2; AltName: Full=Neural cadherin; Short=N-cadherin; AltName: CD_antigen=CD32 gij13431334 105324 1 53 1.056 1.282 1.115 0.000 0.000 0.000 1 1 1 99.853

Protein Group

Cadherin 2, type 1, N-cadherin (neuronal) [Homo sapiens]	gij22209070	105700.1
N-cadherin [Homo sapiens]	gij253483	105664.1
RecName: Full=Cadherin-2; AltName: Full=Neural	gij115421	102583.6

cadherin; Short=N-cadherin; AltName: CD_antigen=CD32 cadherin-2 precursor [Mus musculus]	gij161760627	105434.1
cadherin-2 precursor [Rattus norvegicus]	gij13786162	105593.2
cadherin-2 preproprotein [Homo sapiens]	gij14589889	105735.2
hypothetical protein [Pongo abelii]	gij55728602	102906.8
neural cadherin precursor [Mus musculus]	gij309125	105254.9
unnamed protein product [Homo sapiens]	gij34999	105790.3
unnamed protein product [Mus musculus]	gij26328611	105494.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2045.129	2045.1973	0.0683	33	102	114	FLIYAQDKETQEK	53	99.853	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8,13]	[3]	F14,15,16 and F6	852/844	1.056	1.282	1.115	1	Mascot

161 RecName: Full=Complement C2; AltName: Full=C3/C5 convertase; Contains: RecName: Full=Complement C2b
gij48427894 89707.8 1 52 0.436 0.857 0.844 0.000 0.000 0.000 1 1 1 99.814

Protein Group

C2 [Homo sapiens]	gij15277207	68378.1
DKFZP469A1324 protein [Pongo abelii]	gij207079949	88115.9
RecName: Full=Complement C2; AltName: Full=C3/C5 convertase; Contains: RecName: Full=Complement C2b	gij62286486	89801.9
RecName: Full=Complement C2; AltName: Full=C3/C5 convertase; Contains: RecName: Full=Complement C2b	gij38257345	89563.6
complement C2 [Pongo abelii]	gij197098872	89541.7
complement C2 [Sus scrofa]	gij38455778	87999.3
complement C2 isoform 1 preproprotein [Homo sapiens]	gij14550407	89649.8
hypothetical protein [Homo sapiens]	gij31873561	44416.4
unnamed protein product [Homo sapiens]	gij34628	89615.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1639.0067	1638.9542	-0.0525	-32	478	487	TPWHVTIKPK	52	99.814	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8,10]	[4]	F11 and F3	212/204	0.436	0.857	0.844	1	Mascot

162 retinoic acid receptor responder protein 2 [Cricetulus griseus]
gij346716116 21276.2 1 52 0.578 0.970 0.908 0.000 0.000 0.000 1 1 1 99.807

Protein Group

retinoic acid receptor responder protein 2 precursor [Homo sapiens]	gij4506427	20610.9
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retinoic acid receptor responder protein 2 precursor [Pongo abelii] gij197100983 20636.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1558.8839	1558.929	0.0451	29	31	41 GLQVALEEFHK	52	99.807	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[3]	F14,15,16 and F6	920/912	0.578	0.970	0.908	1	Mascot

163 Chain A, Crystal Structure Analysis Of The Bovine Npc2 (Niemann-Pick C2) Protein gij28373999 16755.6 1 51 0.741 0.712 0.938 0.000 0.000 0.000 1 1 1 99.797

Protein Group

epididymal secretory protein E1 precursor [Bos taurus] gij27806881 18778.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1576.8706	1576.9209	0.0503	32	85	93 DKTNYVNVK	51	99.797	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,9]	[7]	F12 and F9 and F7 attempt 2	817/809	0.741	0.712	0.938	1	Mascot

164 Chain A, Crystal Structure Of A Human Igm Rheumatoid Factor Fab In Complex With Its Autoantigen Igg gij3659940 26076.4 1 51 1.071 1.417 1.603 0.000 0.000 0.000 1 1 1 99.784

Protein Group

Chain A, Crystal Structure Of The C2 Fragment Of Streptococcal Protein G In Complex With The Fc Dom gij1065199 26396.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1689.0475	1689.0439	-0.0036	-2	1	11 PSVFLFPPKPK	51	99.784	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9,11]	[1]	F8 061011	357/349	1.071	1.417	1.603	1	Mascot

165 insulin-like growth factor-binding protein 4 precursor [Bos taurus] gij27807009 30998.8 1 50 0.587 0.820 0.755 0.000 0.000 0.000 1 1 1 99.747

Protein Group

RecName: Full=Insulin-like growth factor-binding protein 4; Short=IBP-4; Short=IGF-binding protein gij2497252 28933.7

insulin-like growth factor binding protein 4 [Homo sapiens] gij54696644 30826.5

insulin-like growth factor binding protein-4 [Homo sapiens] gij695254 30762.5

insulin-like growth factor-binding protein 4 [Bos taurus] gij17864013 17787.8

insulin-like growth factor-binding protein 4 precursor [Homo sapiens] gij62243290 30754.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1809.8	1809.739	-0.061	-34	245	258 GELDCHQLADSFRE	50	99.747	(N-term)_iTRAQ[0], MMTS (C)[5]	[5]	F5 and F10	394/386	0.587	0.820	0.755	1	Mascot

166 fibrinogen, gamma A chain [Mustela putorius] gij881556 39301.2 1 50 0.912 1.637 0.970 0.000 0.000 0.000 1 1 1 99.746

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1785.9381	1785.9547	0.0166	9	14	25 FLQEIYNSNNQK	50	99.746	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12]	[2]	F4 and F13	193/185	0.912	1.637	0.970	1	Mascot

167 protein disulfide isomerase [Homo sapiens] gij860986 64026.6 1 50 0.710 0.755 0.879 0.000 0.000 0.000 1 1 1 99.731

Protein Group

ER-60 protease [Homo sapiens]	gij1208427	64143.7
ER-60 protein [Homo sapiens]	gij2245365	64130.6
RecName: Full=Protein disulfide-isomerase A3; AltName: Full=58 kDa glucose-regulated protein; AltNa	gij729433	64709.1
phospholipase C-alpha [Homo sapiens]	gij303618	64048.7
protein disulfide-isomerase A3 precursor [Homo sapiens]	gij21361657	64129.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2012.1399	2012.1421	0.0022	1	483	496 EATNPPVIQEEKPK	50	99.731	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12,14]	[3]	F14,15,16 and F6	746/738	0.710	0.755	0.879	1	Mascot

168 glutathione S-transferase P [Rattus norvegicus] gij25453420 25625.4 1 50 1.245 0.757 1.213 0.000 0.000 0.000 1 1 1 99.691

Protein Group

Chain A, Structure Of Porcine Class Pi Glutathione S-Transferase	gij1943418	25697.4
RecName: Full=Glutathione S-transferase P; AltName: Full=GST P1-1; AltName: Full=GST class-pi	gij544445	25683.4
RecName: Full=Glutathione S-transferase P; AltName: Full=GST class-pi	gij1170100	25968.8
RecName: Full=Glutathione S-transferase P; AltName: Full=GST class-pi	gij1346208	25943.7
glutathione S-transferase P [Macaca mulatta]	gij111185949	25480.3
glutathione S-transferase P [Pongo abelii]	gij197097848	25432.3
glutathione S-transferase Pi [Capra hircus]	gij6013379	25541.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1889.9398	1889.9111	-0.0287	-15	86	101 EAALVDMVNDGVEDLR	50	99.691	(N-term)_iTRAQ[0]	[8]	F2	483/475	1.245	0.757	1.213	1	Mascot

169 cell adhesion molecule 4 precursor [Homo sapiens] gij21686977 44711.9 1 49 1.113 0.504 0.773 0.000 0.000 0.000 1 1 1 99.656

Protein Group

F22162_1 [Homo sapiens]	gij3451335	43714.2
cell adhesion molecule 4 precursor [Mus musculus]	gij23346547	44649.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1912.9889	1912.9436	-0.0453	-24	213	227 QTQYVLDVQYSPTAR	49	99.656	(N-term)_iTRAQ[0]	[8]	F2	339/331	1.113	0.504	0.773	1	Mascot

170 complement component 3 [Bos taurus] gij47271264 8802.6 1 49 0.794 0.891 0.985 0.000 0.000 0.000 1 1 1 99.651

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
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2812.231	2812.2727	0.0417	15	43	62	DTWVELWPEAEECQDEE NQK	49	99.651	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[20], MMTS (C)[13]	[4] F11 and F3	1256/1248	0.794	0.891	0.985	1	Mascot	
171	adipsin/complement factor D [Sus scrofa]		gij773265		22043.2	1	49	1.498	1.270	1.087	0.000	0.000	0.000	1	1	1	99.643
Protein Group																	
PREDICTED: complement factor D [Sus scrofa]		gij311248224		29600.9													
complement factor D [Sus scrofa]		gij34329339		9673.5													

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1460.9073	1460.8372	-0.0701	-48	99	109	LQHLLLPVLDLDR	49	99.643	(N-term)_iTRAQ[0]	[5] F5 and F10	472/464	1.498	1.270	1.087	1	Mascot

172	RecName: Full=Pro-neuropeptide Y; Contains: RecName: Full=Neuropeptide Y; AltName: Full=Neuropeptid		gij30923117		9114.6	1	49	0.783	1.401	1.536	0.000	0.000	0.000	1	1	1	99.642
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Protein Group

neuropeptide Y [Homo sapiens]		gij386984		11367.9													
neuropeptide Y precursor [Ovis aries]		gij3822548		10388.5													
pro-neuropeptide Y precursor [Bos taurus]		gij62460382		11380													
pro-neuropeptide Y precursor [Macaca mulatta]		gij74136189		11455.9													
pro-neuropeptide Y precursor [Ovis aries]		gij57164209		11366													
pro-neuropeptide Y precursor [Rattus norvegicus]		gij6981286		11693.9													
pro-neuropeptide Y preproprotein [Homo sapiens]		gij4505449		11467													

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1605.8643	1605.8296	-0.0347	-22	49	61	SSPETLISDLLMR	49	99.642	(N-term)_iTRAQ[0]	[8] F2	555/547	0.783	1.401	1.536	1	Mascot

173	pyruvate kinase isozymes M1/M2 isoform a [Homo sapiens]		gij33286418		63835.8	1	48	1.060	0.592	1.616	0.000	0.000	0.000	1	1	1	99.592
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Protein Group

Chain A, Pyruvate Kinase From Rabbit Muscle With Mg, K, And L- Phospholactate		gij3659945		63769.6													
Chain A, Recombinant Rabbit Muscle Pyruvate Kinase		gij15987970		63753.6													
Chain A, S402p Mutant Of Rabbit Muscle Pyruvate Kinase		gij15987978		63763.6													
M2 pyruvate kinase [Rattus norvegicus]		gij206205		63679.7													
M2-type pyruvate kinase [Homo sapiens]		gij189998		63812.8													
PKM2 protein [Homo sapiens]		gij34782802		40842.7													
Pkm2 protein [Rattus norvegicus]		gij38181543		58261.7													

Pyruvate kinase, muscle [Homo sapiens]	gij31416989	63877.8
RecName: Full=Pyruvate kinase isozymes M1/M2; AltName: Full=Pyruvate kinase muscle isozyme	gij2851533	63900.6
cytosolic thyroid hormone-binding protein (EC 2.7.1.40) [Homo sapiens]	gij338827	63899.8
pyruvate kinase [Homo sapiens]	gij35505	63776.7
pyruvate kinase [Oryctolagus cuniculus]	gij2623945	63672.7
pyruvate kinase isozyme M1 [Pongo abelii]	gij197101195	63870.7
pyruvate kinase isozymes M1/M2 [Mus musculus]	gij31981562	63743.8
pyruvate kinase isozymes M1/M2 [Rattus norvegicus]	gij16757994	63526.5
pyruvate kinase isozymes M1/M2 isoform b [Homo sapiens]	gij33286420	63914.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2298.241	2298.1831	-0.0579	-25	320	336	AGKPVICATQMLESMIK	48	99.592	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,17], MMTS (C)[7]	[5]	F5 and F10	565/557	1.060	0.592	1.616	1	Mascot

174 immunoglobulin V lambda chain 5.1.11 [Ovis aries] gij26245557 11278.4 1 48 1.310 0.793 1.245 0.000 0.000 0.000 1 1 1 99.588

Protein Group

immunoglobulin V lambda chain 5.1.12 [Ovis aries]	gij26245559	11303.4
immunoglobulin V lambda chain 5.1.14 [Ovis aries]	gij26245563	11248.3
immunoglobulin lambda-1a light chain variable region [Ovis aries]	gij2746683	12195.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1862.9845	1862.8909	-0.0936	-50	56	71	TVIYGSTNRPSGVPDR	48	99.588	(N-term)_iTRAQ[0]	[5]	F5 and F10	237/229	1.310	0.793	1.245	1	Mascot

175 immunoglobulin V lambda chain 5.1.5 [Ovis aries] gij26245545 11332.4 1 48 1.310 0.793 1.245 0.000 0.000 0.000 1 1 1 99.588

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1862.9845	1862.8909	-0.0936	-50	56	71	TVIYGSTNRPSGVPDR	48	99.588	(N-term)_iTRAQ[0]	[5]	F5 and F10	237/229	1.310	0.793	1.245	1	Mascot

176 IgG3 heavy chain constant region [Bos taurus] gij1575493 42668.8 1 47 1.089 0.438 0.995 0.000 0.000 0.000 1 1 1 99.493

Protein Group

IgG3 heavy chain constant region [Bos taurus]	gij1575495	42480.6
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1412.8022	1412.7606	-0.0416	-29	248	258	EPQVYVLAPPR	47	99.493	(N-term)_iTRAQ[0]	[8]	F2	339/331	1.089	0.438	0.995	1	Mascot

177 nidogen-2 [Homo sapiens] gij2791962 158019.9 1 47 1.253 1.218 0.705 0.000 0.000 0.000 1 1 1 99.488

Protein Group

entactin-2 [Mus musculus]	gij3513368	160198
hypothetical protein [Homo sapiens]	gij60219225	135257
nidogen-2 [Mus musculus]	gij23592218	159959.2
nidogen-2 precursor [Mus musculus]	gij84370361	159816
osteonidogen [Homo sapiens]	gij1449167	158060.9
unnamed protein product [Mus musculus]	gij26343027	146200.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1561.8458	1561.866	0.0202	13	213	224	47	99.488	(N-term)_iTRAQ[0]	[4]	F11 and F3	1083/1075	1.253	1.218	0.705	1	Mascot

178 Ig mu heavy chain V region precursor - sheep (fragment) gij1083124 15956.1 1 47 0.637 0.926 0.901 0.000 0.000 0.000 1 1 1 99.449

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1345.7937	1345.8352	0.0415	31	23	32	47	99.449	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[2]	F4 and F13	922/914	0.637	0.926	0.901	1	Mascot

179 thrombospondin-2 precursor [Bos taurus] gij28875793 138958.5 1 47 0.978 1.137 0.879 0.000 0.000 0.000 1 1 1 99.436

Protein Group

Thbs2 protein [Mus musculus]	gij21594089	67873.9
Thrombospondin 2 [Mus musculus]	gij31565630	140001.7
hypothetical protein [Homo sapiens]	gij34365397	50905.6
thrombospondin 2 [Homo sapiens]	gij307506	139483.5
thrombospondin 2 [Mus musculus]	gij567241	140016.5
thrombospondin-2 precursor [Homo sapiens]	gij40317628	139519.4
thrombospondin-2 precursor [Mus musculus]	gij239787900	139986.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2072.9832	2072.917	-0.0662	-32	1130	1147	47	99.436	(N-term)_iTRAQ[0]	[8]	F2	308/300	0.978	1.137	0.879	1	Mascot

180 neuroendocrine protein 7B2 isoform 1 [Homo sapiens] gij221139785 25535.9 1 47 1.171 1.829 2.496 0.000 0.000 0.000 1 1 1 99.381

Protein Group

7B2 protein	gij1585794	23354.8
RecName: Full=Neuroendocrine protein 7B2; AltName: Full=Secretogranin V; AltName: Full=Secretograni	gij112850	25030.7
Secretogranin V (7B2 protein) [Homo sapiens]	gij13529158	25475.9

neuroendocrine protein 7B2 isoform 2 [Homo sapiens] gj|4506917 25464.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1305.7035	1305.7239	0.0204	16	182	191 SVNPYLQGQR	47	99.381	(N-term)_iTRAQ[0]	[4]	F11 and F3	982/974	1.171	1.829	2.496	1	Mascot

181 SPARC-like protein 1 precursor [Rattus norvegicus] gj|6978789 77718.5 1 47 1.218 1.311 1.488 0.000 0.000 0.000 1 1 1 99.375

Protein Group

DKFZP459N0428 protein [Pongo abelii]	gj 207080142	82764
Hevin-like protein [Homo sapiens]	gj 809027	82663.9
SC1 precursor [Mus musculus]	gj 1854948	79504.3
SPARC-like 1 (hevin) [Homo sapiens]	gj 21707436	82645.8
SPARC-like 1 (hevin) [Rattus norvegicus]	gj 38197696	77696.4
SPARC-like protein 1 [Pongo abelii]	gj 197101799	82599.9
Sparcl1 protein [Mus musculus]	gj 13277723	79444.2
extracellular matrix associated protein [Mus musculus]	gj 1498641	79446.2
hevin [Homo sapiens]	gj 758066	82631.8
hypothetical protein [Pongo abelii]	gj 55732071	82656.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1546.7645	1546.6946	-0.0699	-45	588	599 ASLVPMEHCITR	47	99.375	(N-term)_iTRAQ[0], MMTS (C)[9]	[5]	F5 and F10	371/363	1.218	1.311	1.488	1	Mascot

182 C4b-binding protein alpha chain precursor [Bos taurus] gj|27806291 76307 1 46 1.140 0.584 0.981 0.000 0.000 0.000 1 1 1 99.299

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2120.863	2120.8184	-0.0446	-21	541	556 CEWEYPEGCEQVVTGR	46	99.299	(N-term)_iTRAQ[0], MMTS (C)[1,9]	[8]	F2	477/469	1.140	0.584	0.981	1	Mascot

183 protein C prepropeptide [Bos taurus] gj|163487 55951.3 1 46 0.934 0.678 0.687 0.000 0.000 0.000 1 1 1 99.289

Protein Group

RecName: Full=Vitamin K-dependent protein C; AltName: Full=Anticoagulant protein C; AltName: Full=A	gj 131065	55937.2
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1595.8832	1595.9568	0.0736	46	435	444 YLDWIYGHK	46	99.289	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[3]	F14,15,16 and F6	1038/1030	0.934	0.678	0.687	1	Mascot

184 alpha globin chain [Ovis aries] gj|1787 16968.1 1 46 0.948 1.562 1.878 0.000 0.000 0.000 1 1 1 99.217

Protein Group

RecName: Full=Hemoglobin subunit alpha-1/2;
 AltName: Full=Alpha-1/2-globin; AltName:
 Full=Hemoglobi
 alpha globin chain [Ovis aries] gij62901553 16930.1

alpha globin chain [Ovis aries] gij1789 17002.1

alpha globin chain [Ovis aries] gij1791 16944.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1578.7996	1578.8236	0.024	15	18	32 VGGNAGAYGAEALER	46	99.217	(N-term)_iTRAQ[0]	[4]	F11 and F3	1023/1015	0.948	1.562	1.878	1	Mascot

185 galectin 1 [Ovis aries] gij57164313 16381.1 1 45 1.461 1.097 1.359 0.000 0.000 0.000 1 1 1 99.159

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1997.0953	1997.1047	0.0094	5	114	129 LNLEAINYLAAGGDFK	45	99.159	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[16]	[4]	F11 and F3	1282/1274	1.461	1.097	1.359	1	Mascot

186 neuroblastoma suppressor of tumorigenicity 1 precursor [Rattus norvegicus] gij13928832 20836.7 1 45 1.039 1.068 1.354 0.000 0.000 0.000 1 1 1 99.109

Protein Group

DAN [Mus musculus] gij780124 20764.7

Neuroblastoma, suppression of tumorigenicity 1 [Rattus norvegicus] gij38197666 20744.7

RecName: Full=Neuroblastoma suppressor of tumorigenicity 1; AltName: Full=DAN domain family member gij729293 20876.8

neuroblastoma suppressor of tumorigenicity 1 isoform 2 precursor [Homo sapiens] gij323276673 21007.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1091.671	1091.7037	0.0327	30	24	30 LALFPDK	45	99.109	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[2]	F4 and F13	973/965	1.039	1.068	1.354	1	Mascot

187 plasma glutamate carboxypeptidase precursor [Pongo abelii] gij197099774 55473.9 1 45 1.364 1.124 1.051 0.000 0.000 0.000 1 1 1 99.023

Protein Group

blood plasma glutamate carboxypeptidase precursor [Homo sapiens] gij4877698 64872.1

plasma glutamate carboxypeptidase precursor [Homo sapiens] gij7706387 55641

unnamed protein product [Homo sapiens] gij22761023 55393.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1297.7964	1297.7694	-0.027	-21	67	77 LALLVDVTGPR	45	99.023	(N-term)_iTRAQ[0]	[8]	F2	441/433	1.364	1.124	1.051	1	Mascot

188 aspartate aminotransferase, cytoplasmic [Bos taurus] gij29135295 49639.8 1 44 1.325 0.998 1.163 0.000 0.000 0.000 1 1 1 98.979

Protein Group

RecName: Full=Aspartate aminotransferase, cytoplasmic; AltName: Full=Glutamate oxaloacetate transaminase gij122065118 49753.7

aspartate aminotransferase 1 [Bos taurus] gij59858077 49464.5

cytosolic aspartate aminotransferase [Rattus norvegicus] gj|220684 49752.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1655.8877	1655.8508	-0.0369	-22	43	55 TDDSQPWVLPVVR	44	98.979	(N-term)_iTRAQ[0]	[8]	F2	417/409	1.325	0.998	1.163	1	Mascot

189 repulsive guidance molecule A isoform 3 [Homo sapiens] gj|261878452 53091.5 1 44 0.853 0.576 0.838 0.000 0.000 0.000 1 1 1 98.847

Protein Group

hypothetical protein [Homo sapiens] gj|9368530 54438.1

repulsive guidance molecule A isoform 2 [Homo sapiens] gj|261878459 51257.5

repulsive guidance molecule A precursor [Mus musculus] gj|164663868 53359.8

repulsive guidance molecule A, RgmA protein [Mus musculus] gj|32400242 51525.8

unnamed protein product [Homo sapiens] gj|22760663 53063.5

unnamed protein product [Mus musculus] gj|26349781 40992.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1483.8478	1483.9391	0.0913	62	265	275 VSGQHVEIQAK	44	98.847	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[7]	F12 and F9 and F7 attempt 2	1208/1200	0.853	0.576	0.838	1	Mascot

190 RecName: Full=14-3-3 protein gamma; AltName: Full=Protein kinase C inhibitor protein 1; Short=KCIP- gj|71153781 30966.7 1 44 1.153 1.035 1.072 0.000 0.000 0.000 1 1 1 98.82

Protein Group

14-3-3 gamma protein [Homo sapiens] gj|5726310 30944.5

14-3-3 protein gamma [Mus musculus] gj|3065929 31076.8

14-3-3 protein gamma [Rattus norvegicus] gj|9507245 31016.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1787.8895	1787.8372	-0.0523	-29	29	42 NVTELNEPLSNEER	44	98.82	(N-term)_iTRAQ[0]	[8]	F2	277/269	1.153	1.035	1.072	1	Mascot

191 RecName: Full=CD166 antigen; AltName: Full=Activated leukocyte cell adhesion molecule; AltName: Ful gj|47605370 64831.1 1 44 0.883 0.945 0.920 0.000 0.000 0.000 1 1 1 98.767

Protein Group

CD166 antigen [Pongo abelii] gj|197099250 70942

CD166 antigen precursor [Bos taurus] gj|41386784 72914.2

MEMD protein [Homo sapiens] gj|3183975 72254.7

RecName: Full=CD166 antigen; AltName: Full=Activated leukocyte cell adhesion molecule; AltName: Ful gj|47605369 64248.6

activated leukocyte cell adhesion molecule [Sus scrofa] gj|13446215 15032.1

alcam [Homo sapiens] gjj886258 72415.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1544.9384	1544.8738	-0.0646	-42	71	80 QPSKPEIVSK	44	98.767	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[4,10]	[1] F8	061011	186/178	0.883	0.945	0.920	1	Mascot

192 serum paraoxonase/arylesterase 1 [Oryctolagus cuniculus] gjj126722853 43725 1 43 0.985 0.907 2.178 0.000 0.000 0.000 1 1 1 98.632

Protein Group

- Chain A, Serum Paraoxonase By Directed Evolution gjj48425851 42559.2
- Paraoxonase 1 [Mus musculus] gjj15215219 42776.4
- paraoxonase gjj736808 43663
- paraoxonase gjj736809 42826.3
- paraoxonase 1 [Oryctolagus cuniculus] gjj12743893 40293
- paraoxonase 1A [Oryctolagus cuniculus] gjj12743897 43557.8
- paraoxonase 1B [Oryctolagus cuniculus] gjj12743895 43741
- paraoxonase B-type/arylesterase B-type precursor [Homo sapiens] gjj408299 42785.3
- paraoxonase [Rattus norvegicus] gjj1945471 41209.3
- paraoxonase/arylesterase [Homo sapiens] gjj298532 42916.3
- serum paraoxonase [Homo sapiens] gjj190192 42888.3
- serum paraoxonase [Homo sapiens] gjj190194 40831.1
- serum paraoxonase [Homo sapiens] gjj190196 39512.5
- serum paraoxonase [Mus musculus] gjj1272236 42670.4
- serum paraoxonase/arylesterase 1 [Mus musculus] gjj261823995 42704.4
- serum paraoxonase/arylesterase 1 [Rattus norvegicus] gjj54292130 42255
- serum paraoxonase/arylesterase 1 precursor [Homo sapiens] gjj19923106 42870.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1607.9407	1607.8881	-0.0526	-33	234	244 YVYIAELLAHK	43	98.632	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[11]	[5] F5 and F10		506/498	0.985	0.907	2.178	1	Mascot

193 cathepsin L2 precursor [Bos taurus] gjj27806673 41703.5 1 43 0.859 0.752 0.817 0.000 0.000 0.000 1 1 1 98.616

Protein Group

- RecName: Full=Cathepsin L2; Flags: Precursor gjj75060921 41719.5

preprocathepsin L [Bos taurus] gj|3641698 37673.7

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1948.0076	1948.0419	0.0343	18	21	33 LDPNLDAHWQWK	43	98.616	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[13]	[5]	F5 and F10	1239/1231	0.859	0.752	0.817	1	Mascot

194 unnamed protein product [Homo sapiens] gj|7022277 46412.3 1 43 0.722 0.726 0.439 0.000 0.000 0.000 1 1 1 98.469

Protein Group

ASPIC [Homo sapiens]	gj 9368808	73657.1
ASPIC [Homo sapiens]	gj 9368807	74031.2
CRTAC1 protein [Homo sapiens]	gj 21706428	50809.6
CRTAC1-B protein [Homo sapiens]	gj 19171211	72854.8
cartilage acidic protein 1 [Homo sapiens]	gj 55957679	58643.4
cartilage acidic protein 1 isoform A precursor [Homo sapiens]	gj 47777317	74757.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2324.0776	2324.041	-0.0366	-16	62	83 GDGTFVDAASAGVDDP HQHGR	43	98.469	(N-term)_iTRAQ[0]	[1]	F8 061011	259/251	0.722	0.726	0.439	1	Mascot

195 complement C4B precursor [Homo sapiens] gj|1314244 200573.8 1 42 0.962 1.522 1.639 0.000 0.000 0.000 1 1 1 98.178

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1108.6613	1108.6101	-0.0512	-46	160	166 VFXLDQK	43	98.61	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5]	F5 and F10	283/275	0.962	1.522	1.639	1	Mascot

196 malate dehydrogenase, cytoplasmic isoform 2 [Homo sapiens] gj|5174539 41198.2 1 42 0.745 0.721 0.993 0.000 0.000 0.000 1 1 1 98.086

Protein Group

Malate dehydrogenase 1, NAD (soluble) [Rattus norvegicus]	gj 37590235	41066.2
cytosolic malate dehydrogenase [Mus musculus]	gj 387129	41059.2
malate dehydrogenase, cytoplasmic [Mus musculus]	gj 254540027	41093.2
malate dehydrogenase, cytoplasmic [Rattus norvegicus]	gj 15100179	41065.2
unnamed protein product [Mus musculus]	gj 12837652	41050.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2184.1924	2184.2771	0.0847	39	206	220 EVGVYEALKDDSWLK	42	98.086	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9,15]	[3]	F14,15,16 and F6	991/983	0.745	0.721	0.993	1	Mascot

197 RecName: Full=Mimecan; AltName: Full=Osteoglycin; Contains: RecName: Full=Corneal keratan sulfate p gj|129077 38498.7 1 42 0.927 0.873 0.941 0.000 0.000 0.000 1 1 1 98.068

Protein Group

mimecan precursor [Bos taurus]	gij27806829	38413.6
mimecan precursor [Mus musculus]	gij6679166	38301.4
mimecan precursor [Oryctolagus cuniculus]	gij126723013	38063.5
mimecan precursor [Pongo abelii]	gij197102868	38245.6
mimecan preproprotein [Homo sapiens]	gij7661704	38211.7
osteoglycin OG [Homo sapiens]	gij33150528	38067.5
osteoglycin [Homo sapiens]	gij55957237	34944.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2458.2712	2458.2031	-0.0681	-28	148	166 RLDFTGNLIEDIEDGTFSK	42	98.068	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[19]	[5]	F5 and F10	548/540	0.927	0.873	0.941	1	Mascot

198 RecName: Full=Alpha-1-antiproteinase; AltName: Full=Alpha-1-antitrypsin; AltName: Full=Alpha-1-prot gij461443 50820.6 1 41 0.275 0.280 0.395 0.000 0.000 0.000 1 1 1 97.807

Protein Group

Chain A, 2.0 Angstrom Structure Of Intact Alpha-1-Antitrypsin: A Canonical Template For Active Serp	gij6137432	49388.3
Chain A, A 2.1 Angstrom Structure Of An Uncleaved Alpha-1- Antitrypsin Shows Variability Of The Rea	gij13787109	49339.2
Chain A, Cleaved Alpha-1-Antitrypsin Polymer	gij7245932	40780.9
Chain A, Crystal Structure Of A Serpin:protease Complex	gij11514321	41849.4
Chain A, Crystal Structure Of A1pi-Pittsburgh In The Native Conformation	gij34810820	49093.3
Chain A, Crystal Structure Of Cleaved Antitrypsin Polymer	gij7546268	41790.4
Chain A, Interactions Causing The Kinetic Trap In Serpin Protein Folding	gij28948408	49067.1
Chain A, The S Variant Of Human Alpha1-Antitrypsin, Structure And Implications For Function And Met	gij231240	43267
DKFZP470L1511 protein [Pongo abelii]	gij207079907	49945.4
PRO0684 [Homo sapiens]	gij6855601	51872.5
RecName: Full=Alpha-1-antitrypsin; AltName: Full=Alpha-1 protease inhibitor; AltName: Full=Alpha-1-	gij68052067	51868.6
Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 [Homo sapiens]	gij15080499	51874.6
Serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 1 [Homo sapiens]	gij15990507	51860.5
alpha-1 antitrypsin [Homo sapiens]	gij28637	26174.3
alpha-1-antiproteinase 2 precursor [Equus caballus]	gij167621418	50987.8

alpha-1-antitrypsin [Homo sapiens]	gij177827	51797.5
alpha-1-antitrypsin [Homo sapiens]	gij177831	51858.6
alpha-1-antitrypsin [Pongo abelii]	gij197098210	51944.6
alpha-1-antitrypsin precursor [Homo sapiens]	gij50363217	51888.6
alpha-1-antitrypsin precursor [Homo sapiens]	gij177836	52003.7
antitrypsin alpha1 mutant	gij224224	51883.5
inhibitor,alpha1 protease	gij223433	49495.5
unnamed protein product [Homo sapiens]	gij28193184	38592.1
unnamed protein product [Homo sapiens]	gij28207863	45595

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1296.7046	1296.7727	0.0681	53	173	180 QINDYVEK	41	97.807	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[7]	F12 and F9 and F7 attempt 2	823/815	0.275	0.280	0.395	1	Mascot

199 RecName: Full=Complement component C6; Flags: Precursor gij47115536 117534.9 1 41 0.762 1.200 0.983 0.000 0.000 0.000 1 1 1 97.772

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1215.662	1215.5988	-0.0632	-52	510	517 AFQEYAAK	41	97.772	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[5]	F5 and F10	232/224	0.762	1.200	0.983	1	Mascot

200 Ig lambda chain C region - horse (fragment) gij346446 13899 1 41 1.206 1.171 1.302 0.000 0.000 0.000 1 1 1 97.573

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1993.035	1993.0155	-0.0195	-10	78	92 YAASSYLTLSPAMWK	41	97.573	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[15], Oxidation (M)[13]	[4]	F11 and F3	1175/1167	1.206	1.171	1.302	1	Mascot

201 PREDICTED: kininogen-1 isoform 2 [Canis lupus familiaris] gij57109938 53513.5 1 41 0.744 0.966 1.110 0.000 0.000 0.000 1 1 1 97.494

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1277.8164	1277.8474	0.031	24	36	43 AVDTALKK	41	97.494	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,8]	[7]	F12 and F9 and F7 attempt 2	815/807	0.744	0.966	1.110	1	Mascot

202 KIAA0578 protein [Homo sapiens] gij20521087 182933 1 39 0.741 0.694 0.646 0.000 0.000 0.000 1 1 1 96.646

Protein Group

mKIAA0578 protein [Mus musculus]	gij28394197	183988.4
neurexin 1 [Rattus norvegicus]	gij37620151	178694.5
neurexin-1-beta isoform alpha1 precursor [Homo sapiens]	gij14149613	175147.8

Peptide Information

	Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
	1617.9224	1617.8665	-0.0559	-35	324	333 GKEEYIATFK	40	97.441	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,10]	[1] F8	061011	279/271	0.741	0.694	0.646	1	Mascot	
203	fibromodulin [Homo sapiens]																	
	Protein Group Fmod protein [Mus musculus]																	
	RecName: Full=Fibromodulin; Short=FM; AltName: Full=Collagen-binding 59 kDa protein; AltName: Full=																	
	RecName: Full=Fibromodulin; Short=FM; AltName: Full=Keratan sulfate proteoglycan lumican; Short=KSP																	
	fibromodulin [Bos taurus]																	
	fibromodulin [Homo sapiens]																	
	fibromodulin precursor [Homo sapiens]																	
	fibromodulin precursor [Mus musculus]																	
	fibromodulin precursor [Rattus norvegicus]																	
	unnamed protein product [Mus musculus]																	
	Peptide Information Calc. Mass Obsrv. Mass ± da ± ppm Start Seq. End Sequence Seq. Ion Score C. I. % Modification Plate [#] Name Gel Idx/Pos [4700 Sample Name] iTRAQ Ratio 114/117* iTRAQ Ratio 115/117* iTRAQ Ratio 116/117* Rank Result Type																	
	1505.7944	1505.743	-0.0514	-34	180	190 ELHLDHQNISR	40	97.382	(N-term)_iTRAQ[0]	[4] F11 and F3		120/112	0.776	0.835	0.986	1	Mascot	
204	neurocan core protein precursor [Pan troglodytes]																	
	Protein Group PGCN_HUMAN, PARTIAL CDS [Homo sapiens]																	
	chondroitin sulfate proteoglycan 3 [Saimiri boliviensis]																	
	neurocan [Homo sapiens]																	
	Peptide Information Calc. Mass Obsrv. Mass ± da ± ppm Start Seq. End Sequence Seq. Ion Score C. I. % Modification Plate [#] Name Gel Idx/Pos [4700 Sample Name] iTRAQ Ratio 114/117* iTRAQ Ratio 115/117* iTRAQ Ratio 116/117* Rank Result Type																	
	2201.0173	2200.9438	-0.0735	-33	1155	1170 DFQWTDNTGLQFENWR	40	97.352	(N-term)_iTRAQ[0]	[8] F2		474/466	1.108	0.706	0.610	1	Mascot	
205	endopin 2B [Bos taurus]																	
	Protein Group alpha1-antichymotrypsin isoform pHHK12 [Bos taurus]																	
	Peptide Information Calc. Mass Obsrv. Mass ± da ± ppm Start Seq. End Sequence Seq. Ion Score C. I. % Modification Plate [#] Name Gel Idx/Pos [4700 Sample Name] iTRAQ Ratio 114/117* iTRAQ Ratio 115/117* iTRAQ Ratio 116/117* Rank Result Type																	
	1122.6075	1122.5343	-0.0732	-65	280	286 MQDLEAK	40	97.302	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10		202/194	0.768	0.671	0.934	1	Mascot	
206	complement C1r-A subcomponent precursor [Mus musculus]																	

Protein Group

Complement component 1, r subcomponent [Mus musculus]	gij13435522	86427.9
complement C1r-B subcomponent precursor [Mus musculus]	gij164518919	85979.7
complement component C1RB [Mus musculus]	gij27462718	25478.7
serine protease [Mus musculus]	gij9909196	86474

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1156.6599	1156.7358	0.0759	66	542	549 VIIHPDYR	40	97.265	(N-term)_iTRAQ[0]	[7]	F12 and F9 and F7 attempt 2	1257/1249	0.911	0.913	1.444	1	Mascot

207 lysosomal alpha-mannosidase [Homo sapiens] gij2209015 117755.7 1 40 0.796 0.478 0.968 0.000 0.000 0.000 1 1 1 97.258

Protein Group

Chain C, The Structure Of The Bovine Lysosomal A-Mannosidase Suggests A Novel Mechanism For Low Ph	gij29726876	18855.7
RecName: Full=Lysosomal alpha-mannosidase; Short=Laman; AltName: Full=Lysosomal acid alpha-mannosid	gij62510916	118292.4
alpha-mannosidase [Homo sapiens]	gij1419374	115325.7
lysosomal acid alpha-mannosidase [Homo sapiens]	gij1658374	115477.8
lysosomal alpha-mannosidase [Bos taurus]	gij31341666	118928.4
lysosomal alpha-mannosidase [Homo sapiens]	gij3522867	117810.8
lysosomal alpha-mannosidase [Pongo abelii]	gij197101359	117958.8
lysosomal alpha-mannosidase isoform 1 precursor [Homo sapiens]	gij51873064	117826.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1449.8337	1449.8043	-0.0294	-20	509	519 FQVIVYNPLGR	40	97.258	(N-term)_iTRAQ[0]	[8]	F2	443/435	0.796	0.478	0.968	1	Mascot

208 immunoglobulin light chain variable region [Ovis aries] gij5802448 11309.5 1 40 1.299 1.474 1.231 0.000 0.000 0.000 1 1 1 97.22

Protein Group

immunoglobulin light chain VJ region [Bos taurus]	gij4680177	11510.5
immunoglobulin light chain variable region [Bos taurus]	gij2323372	11971.7
immunoglobulin light chain variable region [Bos taurus]	gij2323398	11648.7
immunoglobulin light chain variable region [Bos taurus]	gij2323380	11665.6
immunoglobulin light chain variable region [Bos taurus]	gij2323374	11681.6
immunoglobulin light chain variable region [Bos taurus]	gij2323406	11324.5
immunoglobulin light chain variable region [Bos taurus]	gij2323390	11645.6

immunoglobulin light chain variable region [Bos taurus] gj|2555149 12097.9
immunoglobulin light chain variable region [Bos taurus] gj|2323386 11651.6
immunoglobulin light chain variable region [Bos taurus] gj|2323394 11608.6
immunoglobulin light chain variable region [Bos taurus] gj|2323382 11606.6
immunoglobulin light chain variable region [Bos taurus] gj|2323404 11643.6
immunoglobulin light chain variable region [Bos taurus] gj|2323384 11595.5
immunoglobulin light chain variable region [Bos taurus] gj|2323396 11455.5
immunoglobulin light chain variable region [Bos taurus] gj|2323402 11553.6
immunoglobulin light chain variable region [Bos taurus] gj|2323400 11438.5
immunoglobulin light chain variable region [Bos taurus] gj|2323376 11635.6

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1859.0106	1858.9402	-0.0704	-38	1	17 QAVLTQPSSVSGSLGQR	40	97.22	(N-term)_iTRAQ[0]	[8]	F2	279/271	1.299	1.474	1.231	1	Mascot		
209	complement component 3 [Bos taurus]				gj 4093220	18508	1	40	0.757	0.958	1.030	0.000	0.000	0.000	1	1	1	97.214

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type		
1626.8574	1626.9343	0.0769	47	77	88 AQFILQGDA CVK	40	97.214	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12], MMTS (C)[10]	[4]	F11 and F3	1153/1145	0.757	0.958	1.030	1	Mascot		
210	serum amyloid A protein [Oryctolagus cuniculus]				gj 1450	8367.2	1	40	1.027	0.837	0.973	0.000	0.000	0.000	1	1	1	97.169

Protein Group

serum amyloid A [Felis catus] gj|52352265 9179.4
serum amyloid A [Felis catus] gj|52352277 9338.5
serum amyloid A [Felis catus] gj|52352267 9151.4
serum amyloid A [Homo sapiens] gj|259352 15996.1
serum amyloid A protein, SAA [rabbits, acute phase serum, Peptide Partial, 103 aa] gj|299487 12453.1
serum amyloid A, SAA [rabbits, acute-phase serum, Peptide, 104 aa] gj|239908 12538.1
serum amyloid A-1 protein precursor [Oryctolagus cuniculus] gj|126722709 14701.3
serum amyloid A-2 protein precursor [Oryctolagus cuniculus] gj|126723243 14497.2
unknown [Oryctolagus cuniculus] gj|517271 14555.3

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1130.6567	1130.5991	-0.0576	-51	13	21 GPGGVWAAK	40	97.169	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[9]	[5]	F5 and F10	251/243	1.027	0.837	0.973	1	Mascot

211 unnamed protein product [Homo sapiens] gij|22761577 52913.5 1 40 1.267 1.009 0.878 0.000 0.000 0.000 1 1 1 97.062

Protein Group

PI16 protein [Homo sapiens]	gij 37574025	47970.7
peptidase inhibitor 16 precursor [Bos taurus]	gij 66792752	53017.9
peptidase inhibitor 16 precursor [Homo sapiens]	gij 70780384	53017.5
unnamed protein product [Homo sapiens]	gij 34530413	31741.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1467.7729	1467.7799	0.007	5	59	68 WDEELAAFAK	40	97.062	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10]	[4]	F11 and F3	1181/1173	1.267	1.009	0.878	1	Mascot

212 glutathione S-transferase Mu 1 [Bos taurus] gij|28461273 28494.1 1 40 1.054 0.427 1.913 0.000 0.000 0.000 1 1 1 96.938

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1228.7188	1228.7435	0.0247	20	137	144 LFSEFLGK	40	96.938	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	295/287	1.054	0.427	1.913	1	Mascot

213 RecName: Full=Coagulation factor IX; AltName: Full=Christmas factor; Contains: RecName: Full=Coagul gij|119769 52234.2 1 40 0.923 0.690 0.836 0.000 0.000 0.000 1 1 1 96.924

Protein Group

RecName: Full=Coagulation factor IX; AltName: Full=Christmas factor	gij 119777	33203.7
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Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
2539.3738	2539.3005	-0.0733	-29	230	248 ITVVAGEHNTEKPEPTEQ K	40	96.924	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[12, 19]	[1]	F8 061011	215/207	0.923	0.690	0.836	1	Mascot

214 presequence protease, mitochondrial isoform 2 precursor [Homo sapiens] gij|41352061 127532.5 1 40 0.558 0.650 0.558 0.000 0.000 0.000 1 1 1 96.924

Protein Group

KIAA1104 protein [Homo sapiens]	gij 40789078	79221.5
Pitrilysin metallopeptidase 1 [Homo sapiens]	gij 13477137	127616.6
metalloprotease 1 [Homo sapiens]	gij 3779244	127588.5
pitrilysin metallopeptidase 1 [Homo sapiens]	gij 57162484	127529.5
pitrilysin metallopeptidase 1 [Homo sapiens]	gij 57162481	29420.4
presequence protease, mitochondrial precursor [Pongo abelii]	gij 207080086	127436.6

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1065.6224	1065.6118	-0.0106	-10	432	437 IEIQMK	40	96.924	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6], Oxidation (M)[5]	[5]	F5 and F10	329/321	0.558	0.650	0.558	1	Mascot

215 immunoglobulin IgG-2 heavy chain constant region [Tursiops truncatus] gij58701034 46350.8 1 40 1.574 0.980 1.085 0.000 0.000 0.000 1 1 1 96.86

Protein Group

immunoglobulin IgG-1 heavy chain constant region [Tursiops truncatus] gij49355314 43863.9

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1922.111	1921.8835	-0.2275	-118	234	247 VVSALPIQHQDWLK	40	96.86	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[14]	[8]	F2	381/373	1.574	0.980	1.085	1	Mascot

216 secreted nidogen domain protein precursor [Mus musculus] gij37605781 161194.4 1 39 1.450 0.945 1.251 0.000 0.000 0.000 1 1 1 96.711

Protein Group

FLJ00133 protein [Homo sapiens] gij18676472 147862

secreted protein SST3 [Mus musculus] gij29568116 121217

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1991.9828	1991.9224	-0.0604	-30	233	250 TADMAEVETTTNNGVPG R	39	96.711	(N-term)_iTRAQ[0]	[8]	F2	307/299	1.450	0.945	1.251	1	Mascot

217 RecName: Full=Protein kinase C-binding protein NELL2; AltName: Full=MEL91 protein; AltName: Full=NE gij2494290 100048.6 1 39 1.813 1.402 1.003 0.000 0.000 0.000 1 1 1 96.588

Protein Group

DKFZP459E232 protein [Pongo abelii] gij207079905 100063.5

RecName: Full=Protein kinase C-binding protein NELL2; AltName: Full=NEL-like protein 2; Flags: Prec gij2494291 99883.4

hypothetical protein [Pongo abelii] gij55727761 99972.6

mel [Mus musculus] gij1389827 100387.7

neuron-specific epidermal growth factor-like repeat domain-containing protein [Rattus norvegicus] gij19568159 99751.4

protein kinase C-binding protein NELL2 [Mus musculus] gij133922561 100361.7

protein kinase C-binding protein NELL2 [Pongo abelii] gij197097656 100052.5

protein kinase C-binding protein NELL2 isoform b precursor [Homo sapiens] gij5453766 100276.7

protein kinase C-binding protein NELL2 isoform c [Homo sapiens] gij223029474 100195.7

unnamed protein product [Mus musculus] gij26330366 96480.7

unnamed protein product [Mus musculus] gij26333475 104708.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1557.6616	1557.6276	-0.034	-22	755	766 CVTDPCQADTIR	39	96.588	(N-term)_iTRAQ[0], MMTS (C)[1,6]	[8]	F2	373/365	1.813	1.402	1.003	1	Mascot

218 Chain A, New Crystal Forms Of A Mu Class Glutathione S-Transferase From Rat Liver gij442967 28786.1 1 39 1.547 2.020 2.672 0.000 0.000 0.000 1 1 1 96.541

Protein Group

Chain A, Crystal Structures Of Class Mu Chimeric Gst Isoenzymes M1-2 And M2-1	gij33356830	28707.1
Chain A, First-Sphere And Second-Sphere Electrostatic Effects In The Active Site Of A Class Mu Glut	gij1943397	28770.1
Chain A, First-Sphere And Second-Sphere Electrostatic Effects In The Active Site Of A Class Mu Glut	gij1943435	28784.1
Chain A, First-Sphere And Second-Sphere Electrostatic Effects In The Active Site Of A Class Mu Glut	gij1943433	28772.1
Chain A, First-Sphere And Second-Sphere Electrostatic Effects In The Active Site Of A Class Mu Glut	gij1943431	28756.1
Chain A, Glutathione Transferase Mutant Y115f	gij29726512	28770.1
Chain A, Tetra-(5-Fluorotryptophanyl)-Glutathione Transferase	gij4388948	28485.8
RecName: Full=Glutathione S-transferase Mu 6; AltName: Full=GST class-mu 6; AltName: Full=Glutathio	gij51338739	27888.4
glutathione S-transferase (EC 2.5.1.18) [Rattus norvegicus]	gij204501	28689
glutathione S-transferase Mu 1 [Rattus norvegicus]	gij8393502	28917.1
glutathione S-transferase Mu 6 [Mus musculus]	gij113680506	28192.6
glutathione S-transferase Yb-1 subunit (EC 2.5.1.18) [Rattus norvegicus]	gij204503	28820.9
glutathione-S-transferase class M5 [Mus musculus]	gij2275021	11865.1
glutathione-S-transferase class M5 [Mus musculus]	gij2275019	27966.3
unnamed protein product [Mus musculus]	gij12853535	29718.2

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1417.6178	1417.5051	-0.1127	-79	32	42 YAMGDAPDYDR	39	96.541	(N-term)_iTRAQ[0]	[8]	F2	238/230	1.547	2.020	2.672	1	Mascot

219 Fibrous sheath interacting protein 1 [Homo sapiens] gij28175039 75848.8 1 39 0.230 0.342 0.780 0.000 0.000 0.000 1 1 1 96.525

Protein Group

HSD10 [Homo sapiens]	gij37956233	75915.8
RecName: Full=Fibrous sheath-interacting protein 1	gij75048806	75358.6
fibrous sheath-interacting protein 1 [Homo sapiens]	gij116089284	75860.7
hypothetical protein [Macaca fascicularis]	gij15207939	60696.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1158.782	1158.7306	-0.0514	-44	278	284 RLVELLK	39	96.525	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[4]	F11 and F3	1138/1130	0.230	0.342	0.780	1	Mascot

220 Chain A, Crystal Structure Of Tetradeca-(3-Fluorotyrosyl)- Glutathione S-Transferase gij5107744 28109.2 1 38 1.054 0.427 1.913 0.000 0.000 0.000 1 1 1 95.986

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1228.7188	1228.7435	0.0247	20	136	143 LXSEFLGK	40	96.938	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	295/287	1.054	0.427	1.913	1	Mascot

221 RecName: Full=EGF-containing fibulin-like extracellular matrix protein 2; AltName: Full=Fibulin-4; gij9973149 51861.1 1 38 1.206 0.897 0.975 0.000 0.000 0.000 1 1 1 95.841

Protein Group

- EGF-containing fibulin-like extracellular matrix protein 2 [Mus musculus] gij7634795 51881.1
- EGF-containing fibulin-like extracellular matrix protein 2 [Rattus norvegicus] gij54400722 46862.1
- EGF-containing fibulin-like extracellular matrix protein 2 isoform 1 [Mus musculus] gij256355190 51854.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1598.7407	1598.6863	-0.0544	-34	315	326 CVEPYVQVSDNR	38	95.841	(N-term)_iTRAQ[0], MMTS (C)[1]	[8]	F2	316/308	1.206	0.897	0.975	1	Mascot

222 complement component C7 precursor [Homo sapiens] gij45580688 103093.5 1 38 0.985 0.978 1.044 0.000 0.000 0.000 1 1 1 95.831

Protein Group

- complement C7 [Homo sapiens] gij899271 100354.2
- complement component C7 precursor [Pongo abelii] gij197100316 103387.9
- complement protein C7 precursor [Homo sapiens] gij179716 103089.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1220.7338	1220.7637	0.0299	24	737	744 ILPLTVCK	38	95.831	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8], MMTS (C)[7]	[2]	F4 and F13	285/277	0.985	0.978	1.044	1	Mascot

223 secretogranin-2 precursor [Bos taurus] gij27806421 76941.6 1 38 1.071 1.324 0.914 0.000 0.000 0.000 1 1 1 95.754

Protein Group

- PREDICTED: secretogranin-2 isoform 1 [Canis lupus familiaris] gij57111253 77353.9
- Secretogranin II (chromogranin C) [Homo sapiens] gij18490917 76878.4
- secretogranin II [Gorilla gorilla] gij23379613 43127.9
- secretogranin II [Homo sapiens] gij338051 77021.4
- secretogranin II [Macaca sp.] gij23379617 43170
- secretogranin II [Pan troglodytes] gij23379611 42998.9

secretogranin II [Pongo pygmaeus] gij23379615 43247

secretogranin II [Saguinus oedipus] gij23379619 43364.1

secretogranin-2 precursor [Pongo abelii] gij197101383 77456.8

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type	
1782.9457	1782.8641	-0.0816	-46	297	308	ESKDQLSDDVSK	38	95.754	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[3,12]	[1] F8	061011	177/169	1.071	1.324	0.914	1	Mascot

224 complement C8 beta [Rattus norvegicus] gij841248 17458.3 1 38 0.611 0.728 0.782 0.000 0.000 0.000 1 1 1 95.754

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1152.651	1152.5862	-0.0648	-56	42	48	ALEEFQK	38	95.754	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7]	[5] F5 and F10	257/249	0.611	0.728	0.782	1	Mascot

225 RecName: Full=Histone deacetylase 7; Short=HD7; AltName: Full=Histone deacetylase 7A; Short=HD7a gij30913010 28292.3 1 38 3.847 1.394 0.757 0.000 0.000 0.000 1 1 1 95.675

Protein Group

RecName: Full=Histone deacetylase 7; Short=HD7; AltName: Full=Histone deacetylase 7A; Short=HD7a gij30913097 108072.1

histone deacetylase 7 [Homo sapiens] gij7542540 97325.3

histone deacetylase 7 [Mus musculus] gij6911184 106700.9

histone deacetylase 7 isoform 3 [Mus musculus] gij324073138 107291.5

histone deacetylase 7 isoform 4 [Mus musculus] gij40254548 106668.9

histone deacetylase 7 isoform a [Homo sapiens] gij169234807 112020.7

histone deacetylase 7 isoform d [Homo sapiens] gij148539870 108188.4

histone deacetylase 7A variant 3 [Homo sapiens] gij32482808 104239.9

hypothetical protein [Homo sapiens] gij5911907 99192.4

mFLJ00062 protein [Mus musculus] gij47847402 95956.4

unnamed protein product [Mus musculus] gij26326835 108247.2

unnamed protein product [Mus musculus] gij26331526 107367.6

unnamed protein product [Mus musculus] gij26354072 104486.9

unnamed protein product [Mus musculus] gij26353936 101963.6

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1473.974	1473.9379	-0.0361	-24	96	104	QKLAIEVILK	38	95.675	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[2,9]	[2] F4 and F13	257/249	3.847	1.394	0.757	1	Mascot

226 complement factor B subunit Bb - pig (fragment) gij543095 21792.7 1 38 1.228 1.177 1.292 0.000 0.000 0.000 1 1 1 95.533

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1380.8586	1380.7924	-0.0662	-48	1	9 VASYGVKPK	38	95.533	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,9]	[1]	F8 061011	175/167	1.228	1.177	1.292	1	Mascot

227 nuclear factor of activated T-cells, cytoplasmic 2 isoform C [Homo sapiens] gij27886541 105862.5 1 38 0.961 1.561 0.377 0.000 0.000 0.000 1 1 1 95.502

Protein Group

Chain L, Structure Of Nfat1 Bound As A Dimer To The Hiv-1 Ltr Kb Element	gij37927427	35436.7
Chain M, Crystal Structure Of Human Nfat1 Bound Monomerically To Dna	gij46015057	35262.7
Chain N, Structure Of The Dna Binding Domains Of Nfat, Fos And Jun Bound To Dna	gij3212242	37211.5
NFAT1-A [Mus musculus]	gij1353237	121352.1
Nfatc2 protein [Mus musculus]	gij39793877	70671.8
T cell transcription factor NFAT1 isoform B [Mus musculus]	gij1353399	105114
T cell transcription factor NFAT1 isoform C [Mus musculus]	gij1353401	105635.2
nuclear factor of activated T-cells, cytoplasmic 2 isoform B [Homo sapiens]	gij27886539	105357.3
nuclear factor of activated T-cells, cytoplasmic 2 isoform c [Mus musculus]	gij81295412	52075.1
transcription factor NFAT [Sus scrofa]	gij3335546	14988.2
transcription factor NFAT1 isoform B [Homo sapiens]	gij1353774	105375.2
transcription factor NFAT1 isoform C [Homo sapiens]	gij1353776	105880.5
transcription factor NFAT1-D [Mus musculus]	gij13936689	75714.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1338.7352	1338.749	0.0138	10	511	520 ATIDCAGILK	38	95.502	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[10], MMTS (C)[5]	[2]	F4 and F13	217/209	0.961	1.561	0.377	1	Mascot

228 fibroleukin [Sus scrofa] gij52346216 55998.3 1 38 1.403 1.350 1.137 0.000 0.000 0.000 1 1 1 95.419

Protein Group

FGL2 protein [Homo sapiens]	gij17389565	18653.7
fibroleukin precursor [Homo sapiens]	gij5730075	55890.4

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1362.8691	1362.8411	-0.028	-21	89	96 EIVNSLKK	38	95.419	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[7,8]	[1]	F8 061011	215/207	1.403	1.350	1.137	1	Mascot

229 fibulin-5 precursor [Rattus norvegicus] gij42476116 52686.6 1 38 1.296 1.182 1.122 0.000 0.000 0.000 1 1 1 95.376

Protein Group

FBLN5 [Homo sapiens]	gij37182914	52718.6
UP50 [Homo sapiens]	gij3676822	52939.7
embryonic vascular EGF repeat-containing protein EVEC [Rattus norvegicus]	gij4583509	52670.6
fibulin-5 precursor [Bos taurus]	gij62460592	52736.5
fibulin-5 precursor [Homo sapiens]	gij19743803	52752.6
fibulin-5 precursor [Mus musculus]	gij6753824	52719.5
fibulin-5 precursor [Pongo abelii]	gij197102314	52851.7
unnamed protein product [Homo sapiens]	gij28207929	62962.5

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1708.8812	1708.8511	-0.0301	-18	360	373	SVPADIFQMQATTR	38	95.376	(N-term)_iTRAQ[0]	[8]	F2	393/385	1.296	1.182	1.122	1	Mascot

230 Ig lambda chain V region (JP-FL-4) - human (fragment) gij87898 12660.5 1 38 0.928 0.884 0.961 0.000 0.000 0.000 1 1 1 95.181

Protein Group

Ig lambda chain precursor V region (JP-FL-3) - human (fragment)	gij87892	15663
immunoglobulin lambda light chain variable region [Homo sapiens]	gij4324216	12229.1

Peptide Information

Calc. Mass	Obsrv. Mass	± da	± ppm	Start Seq.	End Seq.	Sequence	Ion Score	C. I.	% Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
1155.7711	1155.8285	0.0574	50	101	108	LIVLGQPK	38	95.181	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[8]	[2]	F4 and F13	959/951	0.928	0.884	0.961	1	Mascot

231 precursor polypeptide (AA -19 to 206) [Mus musculus] gij50564 28102.5 1 38 0.654 0.729 1.192 0.000 0.000 0.000 1 1 1 95.091

Protein Group

C-reactive protein [Homo sapiens]	gij30224	27390.2
C-reactive protein [Oryctolagus cuniculus]	gij986939	28036.4
C-reactive protein precursor [Homo sapiens]	gij55770842	27322.2
C-reactive protein precursor [Oryctolagus cuniculus]	gij126722616	27904.3
C-reactive protein precursor [Sus scrofa]	gij55742770	26821.7
C-reactive protein, pentraxin-related [Homo sapiens]	gij55665343	13012.9
CRP protein [Homo sapiens]	gij18088467	11797.3
Chain A, Human C-Reactive Protein	gij1942435	25142
RecName: Full=C-reactive protein; Flags: Precursor	gij117487	28076.5

Peptide Information

Calc. Mass	Obsrv. Mass	\pm da	\pm ppm	Start Seq.	End Sequence Seq.	Ion Score	C. I. %	Modification	Plate [#]	Name	Gel Idx/Pos [4700 Sample Name]	iTRAQ Ratio 114/117*	iTRAQ Ratio 115/117*	iTRAQ Ratio 116/117*	Rank	Result Type
996.6127	996.5723	-0.0404	-41	27	32 AFVFPK	38	95.091	(N-term)_iTRAQ[0], Lysine(K)_iTRAQ[6]	[5]	F5 and F10	325/317	0.654	0.729	1.192	1	Mascot