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Hydrophobic interaction chromatography for bottom-up proteomics analysis of single proteins and protein complexes

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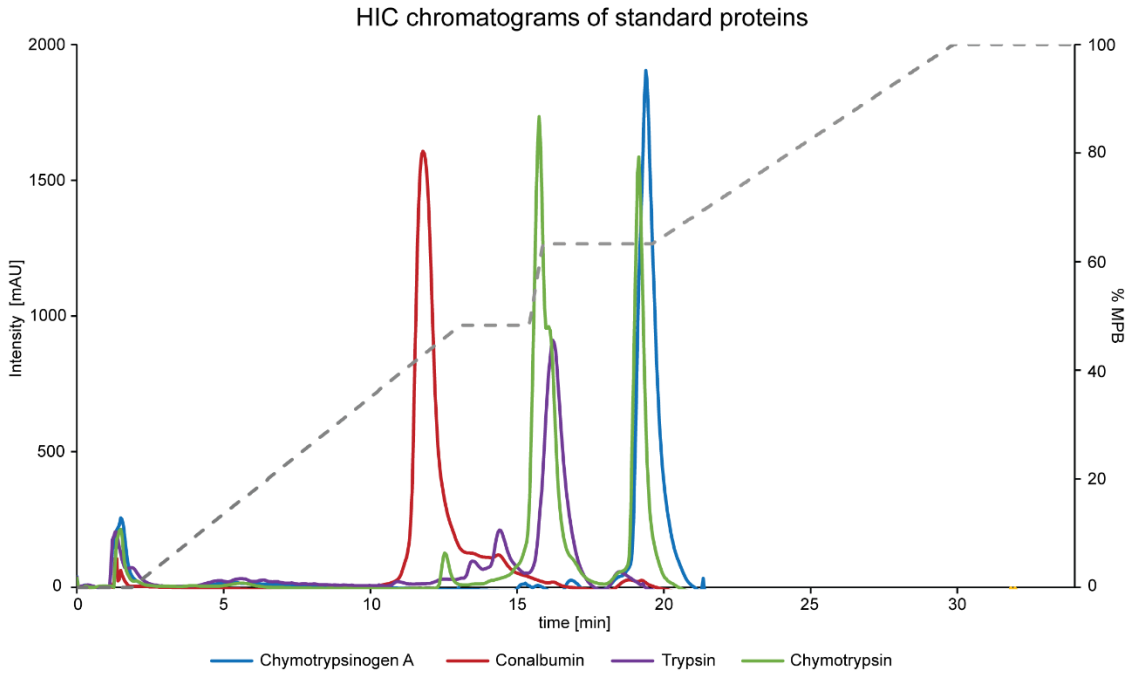
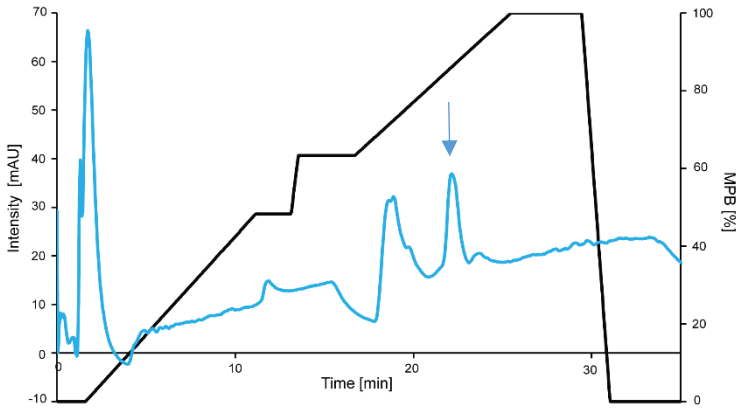
SUPPLEMENTAL INFORMATION

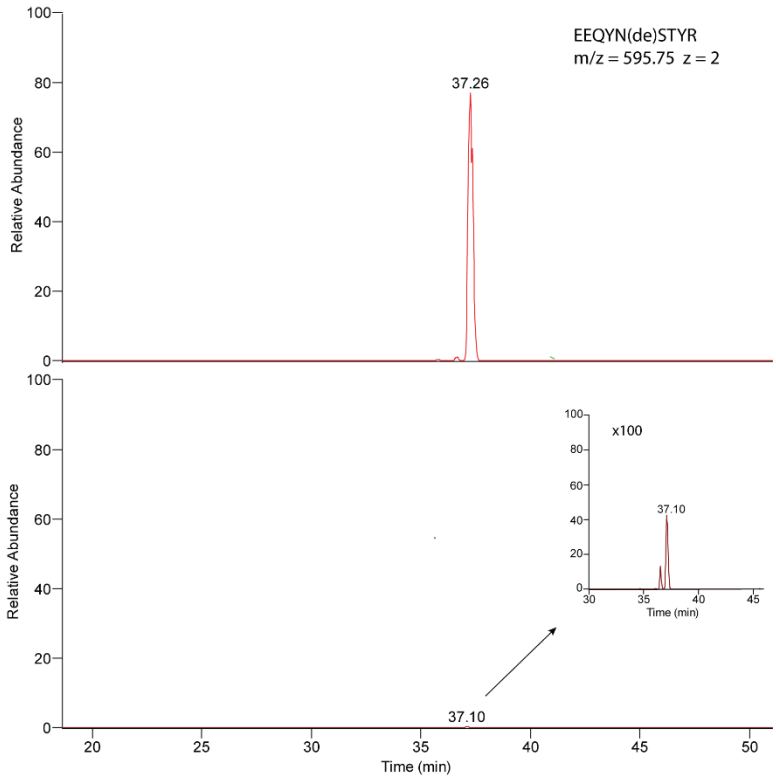
- Supplemental Figure S1: HIC analyses of standard proteins.
- Supplemental Figure S2: HIC analyses of PNGase F.
- Supplemental Figure S3: Mass chromatograms of K34 antibody peptides containing the N298 glycosylation site.
- Supplemental Figure S4: Analysis of HeLa protein complexes by HIC
- Supplemental Table S1: Protein identifications by SDS-PAGE and HIC.
- Supplemental Table S2: Enriched CORUM terms from HIC analysis.
- Supplemental Table S3: Enriched CORUM terms from SDS-PAGE analysis.



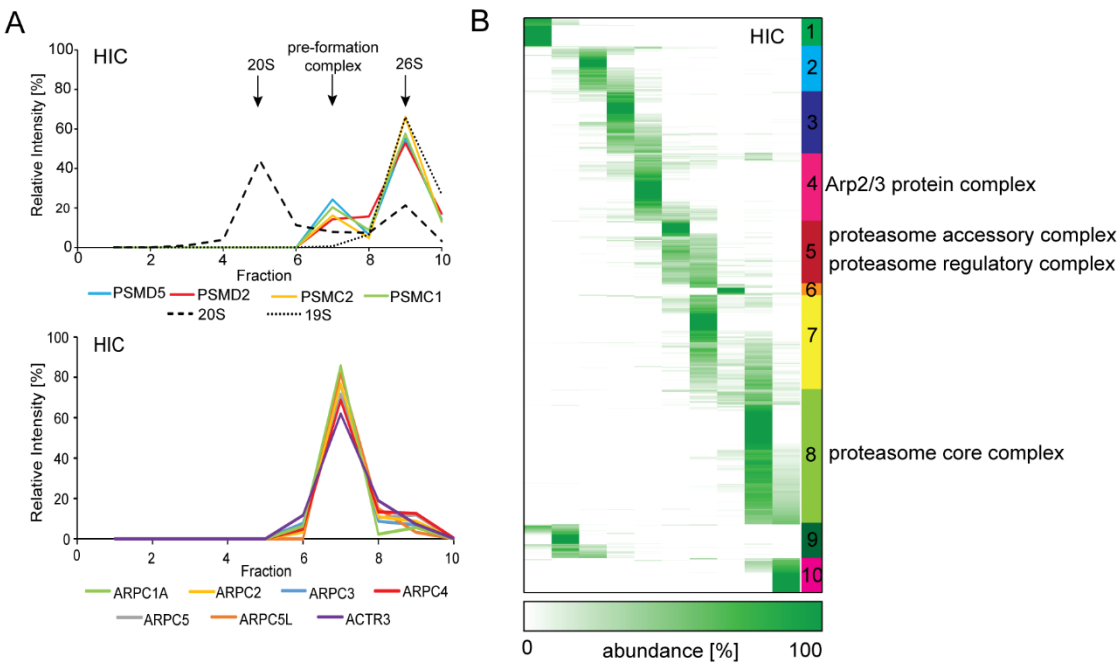
Supplemental Figure S1: HIC analyses of standard proteins. Indicated proteins were analyzed by single HIC runs. Chromatograms were overlaid. Conditions: PolyPROPYL A column, 100 mm x 4.6 mm i.d., 3 µm, 1500 Å; MPA: 2.0 M ammonium sulfate (AS), pH 7.0; MPB: 20 mM AS, pH 7.0; linear gradient from 100% MPA to 100% MPB; flow rate: 1 mL/min, UV detection at 220 nm; T = 25° C. The multiple peaks associated with chymotrypsin reflect the fact that the protein from Sigma-Aldrich contains a considerable amount of chymotrypsinogen, judging from comparison with chymotrypsin from other suppliers [data not shown].



Supplemental Figure S2: HIC analyses of PNGase F. Conditions: PolyPROPYL A column, 100 mm x 4.6 mm i.d., 3 µm, 1500 Å; MPA: 2.0 M ammonium sulfate (AS), pH 7.0; MPB: 20 mM AS, pH 7.0; linear gradient from 100% MPA to 100% MPB; flow rate: 1 mL/min, UV detection at 220 nm; T = 25° C. The peak corresponding to PNGase F is marked by an arrow.



Supplemental Figure S3: Mass chromatograms of K34 antibody peptides containing the N298 glycosylation site. The deglycosylated peptide was 200 times more abundant after PNGase F treatment (upper panel) compared to untreated samples (lower panel).



Supplemental Figure S4: Analysis of HeLa protein complexes by HIC. (A) Proteasome and Arp2/3 protein profiles. As for CaCo-2 cells shown in Figure 2, the proteasome preformation complex and the Arp2/3 complex of HeLa cells stayed intact in HIC. **(B) Cluster analysis of protein profiles.** Relative distributions of proteins fractionated by HIC were clustered using k-means. Enrichment analysis using the CORUM annotations yielded enriched protein complex terms in HIC, but not in gel clusters.

"Supplemental Table S1: Protein identifications by SDS-PAGE and HIC. SDS-PAGE ananlyses were performed with HeLa cell cytosol, HIC analyses with CaCo-2 cell cytosol. PEP: posterior error probability."
Protein IDs	Majority protein IDs	Protein names	Gene names	Fasta headers	Number of proteins	Peptides	Razor + unique peptides	Unique peptides	Sequence coverage [%]	PEP	Intensity SDS PAGE replicate 1_1	Intensity SDS PAGE replicate 1_2	Intensity SDS PAGE replicate 1_3	Intensity SDS PAGE replicate 1_4	Intensity SDS PAGE replicate 1_5	Intensity SDS PAGE replicate 1_6	Intensity SDS PAGE replicate 1_7	Intensity SDS PAGE replicate 1_8	Intensity SDS PAGE replicate 1_9	Intensity SDS PAGE replicate 1_10	Intensity SDS PAGE replicate 2_1	Intensity SDS PAGE replicate 2_2	Intensity SDS PAGE replicate 2_3	Intensity SDS PAGE replicate 2_4	Intensity SDS PAGE replicate 2_5	Intensity SDS PAGE replicate 2_6	Intensity SDS PAGE replicate 2_7	Intensity SDS PAGE replicate 2_8	Intensity SDS PAGE replicate 2_9	Intensity SDS PAGE replicate 2_10	Intensity HIC CaCo2 replicate 1_1	Intensity HIC CaCo2 replicate 1_2	Intensity HIC CaCo2 replicate 1_3	Intensity HIC CaCo2 replicate 1_4	Intensity HIC CaCo2 replicate 1_5	Intensity HIC CaCo2 replicate 1_6	Intensity HIC CaCo2 replicate 1_7	Intensity HIC CaCo2 replicate 1_8	Intensity HIC CaCo2 replicate 1_9	Intensity HIC CaCo2 replicate 1_10	Intensity HIC CaCo2 replicate 2_1	Intensity HIC CaCo2 replicate 2_2	Intensity HIC CaCo2 replicate 2_3	Intensity HIC CaCo2 replicate 2_4	Intensity HIC CaCo2 replicate 2_5	Intensity HIC CaCo2 replicate 2_6	Intensity HIC CaCo2 replicate 2_7	Intensity HIC CaCo2 replicate 2_8	Intensity HIC CaCo2 replicate 2_9	Intensity HIC CaCo2 replicate 2_10	id
A0A0A6YYC7;Q96JP5	A0A0A6YYC7;Q96JP5	E3 ubiquitin-protein ligase ZFP91	ZFP91	">tr|A0A0A6YYC7|A0A0A6YYC7_HUMAN HCG2042749, isoform CRA_d OS=Homo sapiens GN=ZFP91-CNTF PE=4 SV=1;>sp|Q96JP5|ZFP91_HUMAN E3 ubiquitin-protein ligase ZFP91 OS=Homo sapiens GN=ZFP91 PE=1 SV=1"	2	3	3	3	9.8	1.40E-12	0	0	0	1453800	14481000	779740	0	0	0	0	0	0	0	0	20420000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	912960	0	0	0	0	0	0	0	0	0	1
A0A0B4J2A0;Q9UHJ6	A0A0B4J2A0;Q9UHJ6	Sedoheptulokinase	SHPK	>tr|A0A0B4J2A0|A0A0B4J2A0_HUMAN Uncharacterized protein OS=Homo sapiens PE=1 SV=1;>sp|Q9UHJ6|SHPK_HUMAN Sedoheptulokinase OS=Homo sapiens GN=SHPK PE=1 SV=3	2	15	15	15	48.5	1.54E-86	0	0	0	0	0	2128600	28208000	1882700	1426400	0	0	0	0	0	0	0	6904800	47836000	0	0	0	0	0	0	0	0	0	41325	0	977810000	510390	0	0	0	0	0	0	0	397900000	25590000	927630	6
A0A0B4J2B5;P01777;P01766	A0A0B4J2B5;P01777;P01766	Ig heavy chain V-III region TEI;Ig heavy chain V-III region BRO	>tr|A0A0B4J2B5|A0A0B4J2B5_HUMAN Protein IGHV3OR16-9 (Fragment) OS=Homo sapiens GN=IGHV3OR16-9 PE=1 SV=1;>sp|P01777|HV316_HUMAN Ig heavy chain V-III region TEI OS=Homo sapiens PE=1 SV=1;>sp|P01766|HV305_HUMAN Ig heavy chain V-III region BRO OS=Homo sapiens	3	1	1	1	19.4	3.13E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
A0A0U1RQV1	A0A0U1RQV1		>tr|A0A0U1RQV1|A0A0U1RQV1_HUMAN Protein ERVK3-1 (Fragment) OS=Homo sapiens GN=ERVK3-1 PE=1 SV=1	1	2	2	2	30.2	6.78E-13	0	0	0	0	0	0	0	0	585860	12745000	0	0	0	0	0	0	0	0	0	50555000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
A0AVT1	A0AVT1	Ubiquitin-like modifier-activating enzyme 6	UBA6	>sp|A0AVT1|UBA6_HUMAN Ubiquitin-like modifier-activating enzyme 6 OS=Homo sapiens GN=UBA6 PE=1 SV=1	1	38	38	38	43.9	3.05E-149	7261900	4561500	288290000	341270000	78599000	107510000	37659000	43007000	2300300	0	0	895150	351380000	385420000	18972000	1108400	0	7749800	0	0	0	0	0	0	0	0	0	0	86157000	0	0	0	0	0	0	0	0	441160	76345000	10
A0MZ66	A0MZ66	Shootin-1	KIAA1598	>sp|A0MZ66|SHOT1_HUMAN Shootin-1 OS=Homo sapiens GN=SHTN1 PE=1 SV=4	1	37	37	37	55.6	1.62E-155	1231700	7057600	17608000	43756000	303300000	108550000	1095400	0	0	0	0	8714800	45463000	204920000	230150000	9579200	0	0	0	0	0	0	0	0	0	0	0	0	406040	1106500000	32177000	0	0	0	0	0	0	0	3221600	243770000	530600000	11
A1X283;Q5TCZ1	A1X283	SH3 and PX domain-containing protein 2B	SH3PXD2B	>sp|A1X283|SPD2B_HUMAN SH3 and PX domain-containing protein 2B OS=Homo sapiens GN=SH3PXD2B PE=1 SV=3	2	4	4	4	4.6	4.53E-09	15538000	1383500	2896600	3586500	5294900	0	0	0	0	0	0	0	0	9926600	14139000	1405500	0	0	0	0	0	0	0	0	0	0	0	0	0	1142800	0	0	0	0	0	0	0	0	0	12
A3KMH1	A3KMH1	von Willebrand factor A domain-containing protein 8	VWA8	>sp|A3KMH1|VWA8_HUMAN von Willebrand factor A domain-containing protein 8 OS=Homo sapiens GN=VWA8 PE=1 SV=2	1	3	3	3	2.4	6.28E-07	0	444330	592910	624490	0	0	0	0	0	0	0	9948500	0	2697900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
A4D1E9	A4D1E9	GTP-binding protein 10	GTPBP10	>sp|A4D1E9|GTPBA_HUMAN GTP-binding protein 10 OS=Homo sapiens GN=GTPBP10 PE=1 SV=1	1	2	2	2	5.2	2.93E-07	0	0	0	0	0	0	2482300	1031200	0	0	0	0	0	0	0	0	12007000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3853200	0	0	15
A4FU69	A4FU69	EF-hand calcium-binding domain-containing protein 5	EFCAB5	>sp|A4FU69|EFCB5_HUMAN EF-hand calcium-binding domain-containing protein 5 OS=Homo sapiens GN=EFCAB5 PE=1 SV=3	1	3	3	3	2.5	7.68E-07	16636000	6427800	57538000	17515000	10638000	9350700	9934300	0	0	0	765360	0	13747000	10526000	3857700	0	0	0	0	0	0	0	0	111440	430180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
A6NDG6	A6NDG6	Phosphoglycolate phosphatase	PGP	>sp|A6NDG6|PGP_HUMAN Phosphoglycolate phosphatase OS=Homo sapiens GN=PGP PE=1 SV=1	1	14	14	14	55.8	1.23E-176	0	0	0	258220	972840	2769000	4693600	353040000	41393000	2986000	0	0	0	0	4614800	3408400	0	1169900000	6722700	8494900	0	0	0	0	0	11817000	120310000	207000000	105030000	0	0	0	0	0	0	1172200000	3395100000	513740000	91347000	191100000	18
A6NED2	A6NED2	RCC1 domain-containing protein 1	RCCD1	>sp|A6NED2|RCCD1_HUMAN RCC1 domain-containing protein 1 OS=Homo sapiens GN=RCCD1 PE=1 SV=1	1	1	1	1	8.5	3.41E-17	0	0	0	0	0	0	10062000	5289300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
A6NHR9	A6NHR9	Structural maintenance of chromosomes flexible hinge domain-containing protein 1	SMCHD1	>sp|A6NHR9|SMHD1_HUMAN Structural maintenance of chromosomes flexible hinge domain-containing protein 1 OS=Homo sapiens GN=SMCHD1 PE=1 SV=2	1	6	6	6	4.1	1.72E-14	0	0	0	0	0	0	0	0	0	0	536800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18722000	0	0	0	0	0	0	0	0	0	5312600	7012500	0	21
A6NHX0;Q8WTX7	A6NHX0	GATS-like protein 2	GATSL2	>sp|A6NHX0|GATL2_HUMAN GATS-like protein 2 OS=Homo sapiens GN=GATSL2 PE=2 SV=3	2	3	3	3	14.3	7.96E-07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157790000	9827600	0	0	0	0	22
A6NIH7;Q13432	A6NIH7	Protein unc-119 homolog B	UNC119B	>sp|A6NIH7|U119B_HUMAN Protein unc-119 homolog B OS=Homo sapiens GN=UNC119B PE=1 SV=1	2	5	5	5	27.5	2.60E-16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33612000	5971100	0	0	0	0	0	0	0	0	31260000	0	0	0	0	0	0	0	0	23
A8MT69	A8MT69	Centromere protein X	STRA13	>sp|A8MT69|CENPX_HUMAN Centromere protein X OS=Homo sapiens GN=STRA13 PE=1 SV=1	1	1	1	1	17.3	1.55E-05	0	0	0	0	0	0	0	0	0	2339900	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
A8MXV4	A8MXV4	"Nucleoside diphosphate-linked moiety X motif 19, mitochondrial"	NUDT19	>sp|A8MXV4|NUD19_HUMAN Nucleoside diphosphate-linked moiety X motif 19 OS=Homo sapiens GN=NUDT19 PE=1 SV=1	1	7	7	7	29.9	1.28E-21	0	0	0	0	0	0	16351000	2067300	0	0	0	0	0	0	0	0	0	40047000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
A9UHW6	A9UHW6	MIF4G domain-containing protein	MIF4GD	>sp|A9UHW6|MI4GD_HUMAN MIF4G domain-containing protein OS=Homo sapiens GN=MIF4GD PE=1 SV=1	1	1	1	1	5.9	8.50E-07	0	0	0	0	0	0	0	1188500	3989600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27
B1ANS9	B1ANS9	WD repeat-containing protein 64	WDR64	>sp|B1ANS9|WDR64_HUMAN WD repeat-containing protein 64 OS=Homo sapiens GN=WDR64 PE=2 SV=1	1	3	3	3	2.6	6.78E-06	0	0	0	0	7573200	45499000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	147140	0	0	0	0	0	28
B4DL54;P49356	B4DL54;P49356	Protein farnesyltransferase subunit beta	CHURC1-FNTB;FNTB	>tr|B4DL54|B4DL54_HUMAN Protein CHURC1-FNTB OS=Homo sapiens GN=CHURC1-FNTB PE=2 SV=1;>sp|P49356|FNTB_HUMAN Protein farnesyltransferase subunit beta OS=Homo sapiens GN=FNTB PE=1 SV=1	2	5	5	3	9.6	7.70E-12	0	0	0	0	0	606840	9376300	2138700	0	0	0	0	0	0	0	0	0	45341000	0	0	5974200	0	0	0	0	0	0	0	0	14242000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
C9JLW8	C9JLW8	Protein FAM195B	FAM195B	>sp|C9JLW8|F195B_HUMAN Mapk-regulated corepressor-interacting protein 1 OS=Homo sapiens GN=FAM195B PE=1 SV=1	1	4	4	4	50.5	7.56E-16	0	0	0	0	0	0	0	0	0	0	15651000	0	0	0	0	0	0	0	0	0	59329000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
C9JRZ8	C9JRZ8	Aldo-keto reductase family 1 member B15	AKR1B15	>sp|C9JRZ8|AK1BF_HUMAN Aldo-keto reductase family 1 member B15 OS=Homo sapiens GN=AKR1B15 PE=1 SV=2	1	4	3	0	13.6	6.70E-09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	299890	1873200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
E9PAV3	E9PAV3		NACA	">sp|E9PAV3|NACAM_HUMAN Nascent polypeptide-associated complex subunit alpha, muscle-specific form OS=Homo sapiens GN=NACA PE=1 SV=1"	1	7	7	5	3.8	4.44E-185	306560000	40941000	22351000	11091000	19779000	31275000	88213000	1334900000	30611000	8852400	4053600	0	3981000	0	0	25390000	5011100000	128860000	15974000	0	0	0	242000000	0	0	0	0	0	0	0	0	24483000	1440600000	124130000	12534000	16069000	11857000	5834200	8088000	107
E9PLD3;E9PRG8	E9PLD3;E9PRG8		C11orf48	>tr|E9PLD3|E9PLD3_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=1;>sp|E9PRG8|CK098_HUMAN Uncharacterized protein C11orf98 OS=Homo sapiens GN=C11orf98 PE=4 SV=1	2	1	1	1	13.1	1.86E-16	0	0	0	0	0	0	0	0	22231000	0	0	0	0	0	0	0	0	0	54001000	0	0	0	0	61165000	4909800	0	0	0	0	0	0	0	0	0	93289000	97584000	1754900	0	0	0	0	108
G3V3G9;Q5TAQ9	G3V3G9;Q5TAQ9	DDB1- and CUL4-associated factor 8	DCAF8	>tr|G3V3G9|G3V3G9_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=1;>sp|Q5TAQ9|DCAF8_HUMAN DDB1- and CUL4-associated factor 8 OS=Homo sapiens GN=DCAF8 PE=1 SV=1	2	7	7	5	13.4	3.37E-35	3540800	0	0	497280	14063000	9695900	0	0	0	0	0	0	0	0	0	62471000	0	0	17307000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	487320	0	0	0	0	110
H0YAA0	H0YAA0		SYNCRIP	>tr|H0YAA0|H0YAA0_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=4 SV=1	1	1	1	1	10.3	0.0001696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26468000	0	0	0	0	0	0	0	0	0	33253000	0	0	0	0	0	0	0	0	12812000	24912000	1248600	0	0	0	0	111
H0YC42	H0YC42		MRPS28	>tr|H0YC42|H0YC42_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=2	1	12	2	0	46.8	1.36E-80	0	0	0	0	0	0	687880	47418000	1413800	0	0	0	0	0	0	0	0	0	53835000	0	0	0	0	0	8376000	0	0	0	0	0	0	0	0	0	30718000	0	0	0	0	0	0	112
H3BN98;Q15041	H3BN98		>tr|H3BN98|H3BN98_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=4 SV=2	2	9	2	2	38.4	9.98E-69	0	0	0	0	0	0	0	0	1073000	0	0	0	0	0	0	0	0	0	22447000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	114
H3BQ06;Q9ULP9	H3BQ06;Q9ULP9	TBC1 domain family member 24	TBC1D24	>tr|H3BQ06|H3BQ06_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=1;>sp|Q9ULP9|TBC24_HUMAN TBC1 domain family member 24 OS=Homo sapiens GN=TBC1D24 PE=1 SV=2	2	2	2	2	6.9	4.36E-11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50874000	0	0	0	0	0	0	115
H3BQF6	H3BQF6		>tr|H3BQF6|H3BQF6_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=1 SV=1	1	2	2	1	13.9	8.61E-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9866200	19745000	2477200	0	0	0	116
O00115	O00115	Deoxyribonuclease-2-alpha	DNASE2	>sp|O00115|DNS2A_HUMAN Deoxyribonuclease-2-alpha OS=Homo sapiens GN=DNASE2 PE=1 SV=2	1	6	6	6	23.3	1.16E-35	0	0	0	0	0	1181000	2792900	1063900	0	102740000	0	0	0	0	0	0	6920300	0	0	273360000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120
O00139	O00139	Kinesin-like protein KIF2A	KIF2A	>sp|O00139|KIF2A_HUMAN Kinesin-like protein KIF2A OS=Homo sapiens GN=KIF2A PE=1 SV=3	1	12	12	12	14.6	2.84E-41	0	0	0	2130200	3619200	2920700	1078900	0	0	0	0	0	0	14886000	2764200	0	0	0	0	0	0	0	0	0	0	76254000	381000	339330	0	0	0	0	0	0	0	3669700	143820000	19371000	3613500	0	0	121
O00148	O00148	ATP-dependent RNA helicase DDX39A	DDX39A	>sp|O00148|DX39A_HUMAN ATP-dependent RNA helicase DDX39A OS=Homo sapiens GN=DDX39A PE=1 SV=2	1	25	10	10	56	6.44E-133	30867000	2708300	1341300	1279600	2803500	9662100	50651000	1884200	0	0	0	0	0	0	0	0	0	0	148810000	0	0	0	0	0	1001400	64606000	12613000	17221000	0	1999500	0	0	0	0	0	120900000	528460000	70967000	8928500	94473000	13520000	10858000	122
O00151	O00151	PDZ and LIM domain protein 1	PDLIM1	>sp|O00151|PDLI1_HUMAN PDZ and LIM domain protein 1 OS=Homo sapiens GN=PDLIM1 PE=1 SV=4	1	9	9	9	38.9	7.77E-42	0	0	0	0	0	0	9250700	121000000	1402000	0	0	0	0	0	0	0	0	149390000	81890000	0	0	0	0	0	0	6528300	825030	34130	0	0	0	0	0	0	91794000	9253100	650650	633090	4551000	550320	2260600	123
O00154	O00154	Cytosolic acyl coenzyme A thioester hydrolase	ACOT7	>sp|O00154|BACH_HUMAN Cytosolic acyl coenzyme A thioester hydrolase OS=Homo sapiens GN=ACOT7 PE=1 SV=3	1	14	14	14	40.5	6.37E-180	860240000	64536000	27597000	16975000	16333000	17627000	26252000	6712200	2564400	4159500	10761000	0	0	0	0	44058000	1613500000	35068000	11296000	0	0	0	0	0	1175900	1942100000	6382200	8278800	0	0	0	0	0	0	59171000	2180200000	227070000	150150000	0	0	124
O00159	O00159	Unconventional myosin-Ic	MYO1C	>sp|O00159|MYO1C_HUMAN Unconventional myosin-Ic OS=Homo sapiens GN=MYO1C PE=1 SV=4	1	21	21	21	25.5	2.47E-73	3143300	783400	19134000	98083000	6556600	727690	0	0	0	0	0	0	4342700	396560000	0	0	0	0	0	0	0	0	0	0	0	6030800	0	0	0	0	0	0	0	0	0	0	2567000	1953100	0	0	0	0	125
O00170	O00170	AH receptor-interacting protein	AIP	>sp|O00170|AIP_HUMAN AH receptor-interacting protein OS=Homo sapiens GN=AIP PE=1 SV=2	1	11	11	11	42.4	1.73E-36	0	0	0	0	0	0	17024000	148310000	6530200	2021400	0	0	0	0	0	0	17271000	32559000	0	0	0	0	0	0	0	0	0	0	0	173640000	0	0	0	0	0	0	0	0	2374900	1173400000	126
O00178	O00178	GTP-binding protein 1	GTPBP1	>sp|O00178|GTPB1_HUMAN GTP-binding protein 1 OS=Homo sapiens GN=GTPBP1 PE=1 SV=3	1	14	14	14	27.4	1.88E-60	0	0	981710	1494000	38530000	8221100	2017300	1014600	336460	0	0	0	0	0	46755000	0	0	0	0	0	0	0	0	0	0	0	0	0	235590000	5148800	0	0	0	0	0	0	0	0	123160000	32823000	127
O00186	O00186	Syntaxin-binding protein 3	STXBP3	>sp|O00186|STXB3_HUMAN Syntaxin-binding protein 3 OS=Homo sapiens GN=STXBP3 PE=1 SV=2	1	1	1	1	2.9	3.56E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9186100	0	0	129
O00193	O00193	Small acidic protein	SMAP	>sp|O00193|SMAP_HUMAN Small acidic protein OS=Homo sapiens GN=SMAP PE=1 SV=1	1	9	9	9	41	0	0	0	0	0	0	0	0	17387000	69799000	17676000	0	0	0	0	0	0	0	239640000	377820000	23958000	0	5028200	18215000	0	0	0	0	0	0	0	4661100	138400000	223270000	27808000	19634000	2761900	0	0	0	0	130
O00203	O00203	AP-3 complex subunit beta-1	AP3B1	>sp|O00203|AP3B1_HUMAN AP-3 complex subunit beta-1 OS=Homo sapiens GN=AP3B1 PE=1 SV=3	1	25	25	21	24.4	1.29E-94	4458200	0	8555100	7421600	23185000	48948000	33692000	7691500	1341000	2687400	0	0	66351000	11611000	30504000	4149700	23662000	0	0	0	0	0	0	29135	18574	0	15573000	63296000	374850000	18487000	0	0	0	65731000	11974000	0	7312300	580830000	251880000	25555000	131
O00231	O00231	26S proteasome non-ATPase regulatory subunit 11	PSMD11	>sp|O00231|PSD11_HUMAN 26S proteasome non-ATPase regulatory subunit 11 OS=Homo sapiens GN=PSMD11 PE=1 SV=3	1	32	32	32	61.1	0	0	0	0	259610	4770400	47928000	1190500000	123840000	46618000	34595000	0	0	0	0	0	0	0	3728600000	23218000	9674900	15848000	0	0	0	0	0	0	0	0	743180000	1594700000	0	0	0	0	0	0	0	0	1183200000	5632000000	132
O00232	O00232	26S proteasome non-ATPase regulatory subunit 12	PSMD12	>sp|O00232|PSD12_HUMAN 26S proteasome non-ATPase regulatory subunit 12 OS=Homo sapiens GN=PSMD12 PE=1 SV=3	1	26	26	26	51.3	5.59E-156	14614000	430060	1060500	2083700	17751000	180910000	645370000	40430000	6263900	1829000	0	0	0	0	0	953830000	762720000	5419500	0	0	0	0	0	0	0	0	0	0	8609700	434550000	594030000	0	0	0	0	0	0	0	0	33012000	2966800000	133
O00233	O00233	26S proteasome non-ATPase regulatory subunit 9	PSMD9	>sp|O00233|PSMD9_HUMAN 26S proteasome non-ATPase regulatory subunit 9 OS=Homo sapiens GN=PSMD9 PE=1 SV=3	1	10	10	10	44.8	2.46E-53	0	0	0	0	0	682520	1507100	193540000	11559000	632340	0	0	0	0	0	12301000	264000000	8765400	1437500	0	0	0	0	0	0	0	0	0	30170000	333390000	0	0	0	0	0	0	682790	51207000	237880000	1057900000	134
O00244	O00244	Copper transport protein ATOX1	ATOX1	>sp|O00244|ATOX1_HUMAN Copper transport protein ATOX1 OS=Homo sapiens GN=ATOX1 PE=1 SV=1	1	8	8	8	63.2	2.67E-49	0	3230500	4031700	0	0	0	0	0	0	64167000	0	0	0	0	0	0	0	0	0	420490000	154910000	0	0	0	0	0	0	0	0	0	486850000	0	0	0	0	0	0	0	0	0	135
O00255	O00255	Menin	MEN1	>sp|O00255|MEN1_HUMAN Menin OS=Homo sapiens GN=MEN1 PE=1 SV=4	1	2	2	2	2.9	1.86E-06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	974150	136
O00267	O00267	Transcription elongation factor SPT5	SUPT5H	>sp|O00267|SPT5H_HUMAN Transcription elongation factor SPT5 OS=Homo sapiens GN=SUPT5H PE=1 SV=1	1	41	41	41	46.4	6.77E-211	259430000	42601000	246330000	115720000	80267000	46072000	8298600	3074600	0	0	5054500	2793500	2627100000	202190000	26077000	11335000	0	5205400	10265000	3808800	0	0	0	0	0	0	0	0	67819000	0	0	0	0	0	4775700	2642400	0	0	7981000	0	137
O00273	O00273	DNA fragmentation factor subunit alpha	DFFA	>sp|O00273|DFFA_HUMAN DNA fragmentation factor subunit alpha OS=Homo sapiens GN=DFFA PE=1 SV=1	1	11	11	11	43.5	2.50E-84	0	0	0	0	0	921540	141650000	100350000	14468000	26578000	0	0	0	0	0	0	424620000	163230000	45179000	166770000	0	0	0	0	0	63533	1640200	1627700000	0	1173100	8285400	0	0	18848000	298740000	0	74458000	304320000	27510000	138
O00299	O00299	Chloride intracellular channel protein 1	CLIC1	>sp|O00299|CLIC1_HUMAN Chloride intracellular channel protein 1 OS=Homo sapiens GN=CLIC1 PE=1 SV=4	1	23	23	23	91.3	1.19E-274	72175000	7107600	4201100	2648400	4076700	15214000	45272000	1570000000	179230000	102610000	2033500	475070	1605200	1231000	4169800	8200800	15713000	6934000000	170570000	106930000	0	1655000000	1674100000	128030000	32014000	63916000	14130000	82967000	0	97054000	0	3478600000	2736300000	284360000	88572000	23828000	2686300	133950000	63714000	260070000	139
O00303	O00303	Eukaryotic translation initiation factor 3 subunit F	EIF3F	>sp|O00303|EIF3F_HUMAN Eukaryotic translation initiation factor 3 subunit F OS=Homo sapiens GN=EIF3F PE=1 SV=1	1	16	16	16	61.3	9.22E-115	4131500	362050	867800	1212300	2967100	96496000	336700000	16251000	3792600	0	0	0	0	0	0	79811000	1241600000	3274800	0	0	0	0	0	0	0	0	0	0	1252700000	286620000	0	0	0	0	0	0	0	4958600	2563600000	2496500000	140
O00330	O00330	"Pyruvate dehydrogenase protein X component, mitochondrial"	PDHX	">sp|O00330|ODPX_HUMAN Pyruvate dehydrogenase protein X component, mitochondrial OS=Homo sapiens GN=PDHX PE=1 SV=3"	1	9	9	9	20.6	2.54E-31	0	0	0	0	559890	15306000	19964000	1529900	4380300	0	0	0	0	0	0	31570000	2481900	2542900	0	0	0	0	280130	0	0	0	0	0	383480000	47475000	0	442300	153290	0	0	0	0	0	84141000	2737800	141
O00399	O00399	Dynactin subunit 6	DCTN6	>sp|O00399|DCTN6_HUMAN Dynactin subunit 6 OS=Homo sapiens GN=DCTN6 PE=1 SV=1	1	1	1	1	5.3	0.00012481	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4287000	0	142
O00401	O00401	Neural Wiskott-Aldrich syndrome protein	WASL	>sp|O00401|WASL_HUMAN Neural Wiskott-Aldrich syndrome protein OS=Homo sapiens GN=WASL PE=1 SV=2	1	5	5	5	18.2	1.15E-23	0	0	0	769270	387980	19036000	3703200	12215000	0	3694500	0	0	0	0	42647000	17780000	0	0	0	0	0	0	0	0	0	19912000	0	0	0	0	0	0	0	0	0	2533900	4460400	1517000	505180	705830	374550	143
O00410	O00410	Importin-5	IPO5	>sp|O00410|IPO5_HUMAN Importin-5 OS=Homo sapiens GN=IPO5 PE=1 SV=4	1	30	30	28	35.9	1.17E-218	13820000	13009000	376440000	1392300000	401450000	517890000	119530000	74944000	2886800	5902200	539920	8934400	80456000	824510000	42267000	248360000	4019800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21046000	144
O00411	O00411	"DNA-directed RNA polymerase, mitochondrial"	POLRMT	">sp|O00411|RPOM_HUMAN DNA-directed RNA polymerase, mitochondrial OS=Homo sapiens GN=POLRMT PE=1 SV=2"	1	10	10	10	12.1	2.38E-37	0	0	41839000	9331400	2279100	0	0	0	0	0	0	0	52687000	2264100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
O00418	O00418	Eukaryotic elongation factor 2 kinase	EEF2K	>sp|O00418|EF2K_HUMAN Eukaryotic elongation factor 2 kinase OS=Homo sapiens GN=EEF2K PE=1 SV=2	1	13	13	13	19.6	1.94E-31	0	0	193200	7851400	85193000	14249000	5220100	7976900	817810	0	0	0	1112000	180650000	19025000	1356500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
O00423	O00423	Echinoderm microtubule-associated protein-like 1	EML1	>sp|O00423|EMAL1_HUMAN Echinoderm microtubule-associated protein-like 1 OS=Homo sapiens GN=EML1 PE=1 SV=3	1	5	3	3	6.5	8.67E-12	2970700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25581000	2485400	0	0	0	0	0	0	147
O00425	O00425	Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3	>sp|O00425|IF2B3_HUMAN Insulin-like growth factor 2 mRNA-binding protein 3 OS=Homo sapiens GN=IGF2BP3 PE=1 SV=2	1	26	24	23	52.5	1.91E-188	0	0	0	0	29096000	33269000	0	0	0	0	0	0	0	0	414030000	3765200	0	0	0	0	0	0	0	0	0	0	0	291090	1519600	755220000	0	0	0	0	0	0	0	19384000	3622300	3124300000	148
O00429	O00429	Dynamin-1-like protein	DNM1L	>sp|O00429|DNM1L_HUMAN Dynamin-1-like protein OS=Homo sapiens GN=DNM1L PE=1 SV=2	1	22	22	22	39.9	1.11E-161	0	0	1341700	2039300	123560000	30502000	17616000	7240200	0	0	0	679780	0	0	45283000	1886300	3690200	0	0	0	0	0	0	0	0	0	0	0	0	117660000	0	0	0	0	0	0	0	0	0	774040000	149
O00442	O00442	RNA 3-terminal phosphate cyclase	RTCA	>sp|O00442|RTCA_HUMAN RNA 3-terminal phosphate cyclase OS=Homo sapiens GN=RTCA PE=1 SV=1	1	10	10	10	38.8	2.18E-40	0	0	0	0	0	0	25179000	12946000	0	0	0	0	0	0	0	0	112550000	0	0	0	0	0	0	66649000	41740000	769550	0	0	0	0	0	0	0	205140000	5295700	0	0	0	0	0	150
O00458	O00458	Interferon-related developmental regulator 1	IFRD1	>sp|O00458|IFRD1_HUMAN Interferon-related developmental regulator 1 OS=Homo sapiens GN=IFRD1 PE=1 SV=4	1	3	3	3	11.1	2.01E-10	0	0	0	0	371710	6866700	0	0	0	0	0	0	0	0	0	5786600	0	0	0	0	0	0	0	305660	321990	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
O00462	O00462	Beta-mannosidase	MANBA	>sp|O00462|MANBA_HUMAN Beta-mannosidase OS=Homo sapiens GN=MANBA PE=2 SV=3	1	11	10	10	15.4	9.83E-31	4509400	1142400	2888900	3222600	399190	0	0	0	0	0	0	0	0	9848700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	152
O00469	O00469	"Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2"	PLOD2	">sp|O00469|PLOD2_HUMAN Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 OS=Homo sapiens GN=PLOD2 PE=1 SV=2"	1	33	33	33	47.8	1.08E-232	17886000	7763600	55494000	615980000	277100000	109120000

26750000 20280000 3419300 2755600 0 8552900 17475000 3662900000 106800000 18742000 0 0 4857400 2483800 0 0 0 665650 2844300 71131000 0 4438900 0 0 0 0 3873600 4505800 280180000 117980000 40029000 49803000 8963900 0 153
O00487 O00487 26S proteasome non-ATPase regulatory subunit 14 PSMD14 >sp|O00487|PSDE_HUMAN 26S proteasome non-ATPase regulatory subunit 14 OS=Homo sapiens GN=PSMD14 PE=1 SV=1 1 15 15 15 61.9 1.40E-121 38400000 427190 355430 0 0 0 6561000 722740000 21072000
582570 0 0 0 0 0 0 937020000 5844800 0 0 0 0 0 0 0 0 0 0 362310000 377270000 0 0 0 0 0 0 0 1934200 22519000 967750000 154
O00488 O00488 Zinc finger protein 593 ZNF593 >sp|O00488|ZN593_HUMAN Zinc finger protein 593 OS=Homo sapiens GN=ZNF593 PE=1 SV=2 1 2 2 2 25.4 9.92E-08 0 0 0 0 0 0 0 0 0 4816300 0 0 0 0 0 0 0 0 0 0 33557000 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 155
O00499;Q9UBW5;P49418 O00499 Myc box-dependent-interacting protein 1 BIN1 >sp|O00499|BIN1_HUMAN Myc box-dependent-interacting protein 1 OS=Homo sapiens GN=BIN1 PE=1 SV=1 3 12 12 12 30.2 1.56E-107 0 0 0 672190 10653000 110810000 35385000 4367700 118930 0 0
0 0 0 57020000 268560000 0 3765100 0 0 0 0 0 547570000 0 0 0 0 0 0 0 0 0 2070000 680900000 13697000 4789300 1393300 0 0 4299200 156
O00505 O00505 Importin subunit alpha-3KPNA3 >sp|O00505|IMA4_HUMAN Importin subunit alpha-4 OS=Homo sapiens GN=KPNA3 PE=1 SV=2 1 5 5 3 9.2 2.06E-16 0 0 0 0 803560 15297000 0 0 2022700 0 0 0 0 0 0 70386000 0 0 0 0 0 0 0 0 0 0
0 0 0 0 66935000 0 0 0 0 0 0 0 0 616370 233140000 157
O00515 O00515 Ladinin-1LAD1 >sp|O00515|LAD1_HUMAN Ladinin-1 OS=Homo sapiens GN=LAD1 PE=1 SV=2 1 12 12 12 22.1 4.50E-34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3530000 4462900 50749000 86061000 0 0 8862300
3263000 0 318770 877880 19634000 31411000 29367000 5057900 3796400 100830 184150 158
O00541 O00541 Pescadillo homolog PES1 >sp|O00541|PESC_HUMAN Pescadillo homolog OS=Homo sapiens GN=PES1 PE=1 SV=1 1 7 7 7 12.9 3.83E-22 6481800 327470 418930 1075800 9189700 28714000 2794200 0 0 0 0 0 108600 0 69376000 5056900 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 159
O00560 O00560 Syntenin-1 SDCBP >sp|O00560|SDCB1_HUMAN Syntenin-1 OS=Homo sapiens GN=SDCBP PE=1 SV=1 1 5 5 5 31.5 1.45E-39 0 0 0 0 0 0 0 0 82644000 2471100 0 0 0 0 0 0 0 0 0 39360000 751110 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 160
O00567 O00567 Nucleolar protein 56 NOP56 >sp|O00567|NOP56_HUMAN Nucleolar protein 56 OS=Homo sapiens GN=NOP56 PE=1 SV=4 1 3 3 3 6.2 7.22E-09 0 0 0 408850 444280 0 0 0 0 0 0 0 0 0 0 32548000 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 161
O00571;O15523;Q9NQI0 O00571;O15523 ATP-dependent RNA helicase DDX3X;ATP-dependent RNA helicase DDX3Y DDX3X;DDX3Y >sp|O00571|DDX3X_HUMAN ATP-dependent RNA helicase DDX3X OS=Homo sapiens GN=DDX3X PE=1 SV=3;>sp|O15523|DDX3Y_HUMAN ATP-dependent RNA helicase DDX3Y
OS=Homo sapiens GN=DDX3Y PE=1 SV=2 3 27 27 26 51.5 2.18E-221 486670 659610 2722000 6847200 243210000 206500000 24203000 5849500 0 0 23928 0 1642200 3030500 1821200000 147330000 4114000 0 0 0 0 0 0 0 5565200 54466000 2859700
149040000 0 13038000 1158200 628560 0 1201100 190900000 214030000 178010000 150410000 167210000 57153000 162
O00584;H0YAE9 O00584;H0YAE9 Ribonuclease T2 RNASET2 >sp|O00584|RNT2_HUMAN Ribonuclease T2 OS=Homo sapiens GN=RNASET2 PE=1 SV=2;>tr|H0YAE9|H0YAE9_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=3 SV=1 2 6 6 6 23 7.43E-22 0 0 0 0 0 0
707630 5538400 14367000 0 0 0 0 0 0 0 0 0 17460000 20797000 0 0 0 0 2568500 0 0 0 0 0 0 0 0 2260300 0 0 0 0 0 0 0 0 163
O00592 O00592 Podocalyxin PODXL >sp|O00592|PODXL_HUMAN Podocalyxin OS=Homo sapiens GN=PODXL PE=1 SV=2 1 2 2 2 4.3 2.91E-16 0 0 0 0 0 0 0 0 0 0 0 0 0 96886000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 164
O00625 O00625 Pirin PIR >sp|O00625|PIR_HUMAN Pirin OS=Homo sapiens GN=PIR PE=1 SV=1 1 12 12 12 44.5 1.13E-64 3288500 729710 1690500 2151100 2566200 6288700 18910000 898900000 53410000 39219000 0 0 0 0 0 0 0 2090400000 49485000 6892600 0 0 0
36661000 76266000 0 0 0 586000 0 0 0 0 0 26443000 354590000 26441000 9428800 19245000 1700400 0 165
O00629 O00629 Importin subunit alpha-4KPNA4 >sp|O00629|IMA3_HUMAN Importin subunit alpha-3 OS=Homo sapiens GN=KPNA4 PE=1 SV=1 1 4 2 2 8.8 7.71E-42 1120500 0 0 195920 3571000 66068000 20269000 9496300 0 0 0 0 0 0 0 177640000 7447100 5802700 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2931000 110380000 166
O00743 O00743 Serine/threonine-protein phosphatase 6 catalytic subunit PPP6C >sp|O00743|PPP6_HUMAN Serine/threonine-protein phosphatase 6 catalytic subunit OS=Homo sapiens GN=PPP6C PE=1 SV=1 1 8 8 8 27.9 2.17E-34 42720000 1592500 777910 588550 588810 0 0 24526000
13165000 12782000 0 0 0 0 0 0 0 200990000 1820900 10861000 0 0 0 0 0 0 0 0 753630 146120000 0 0 0 0 0 0 0 1484000 4331300 149550000 167
O00746 O00746 "Nucleoside diphosphate kinase, mitochondrial" NME4 ">sp|O00746|NDKM_HUMAN Nucleoside diphosphate kinase, mitochondrial OS=Homo sapiens GN=NME4 PE=1 SV=1" 1 3 3 3 20.9 8.92E-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 1527100 0 0 0 0 0 0 0 0 0 16057000 168
O00754;M0R2P5;M0QZ24 O00754 Lysosomal alpha-mannosidase;Lysosomal alpha-mannosidase A peptide;Lysosomal alpha-mannosidase B peptide;Lysosomal alpha-mannosidase C peptide;Lysosomal alpha-mannosidase D peptide;Lysosomal alpha-mannosidase E peptide MAN2B1 >sp|O00754|MA2B1_HUMAN Lysosomal alpha-
mannosidase OS=Homo sapiens GN=MAN2B1 PE=1 SV=3 3 12 12 12 15.8 3.95E-60 0 0 0 218080 553880 29340000 2759400 0 0 31980000 0 0 0 0 11442000 34192000 20273000 0 0 134910000 0 0 0 0 0 0 0 942650 60132000 0 0 0
0 0 0 0 0 28469000 23594000 0 169
O00762 O00762 Ubiquitin-conjugating enzyme E2 C UBE2C >sp|O00762|UBE2C_HUMAN Ubiquitin-conjugating enzyme E2 C OS=Homo sapiens GN=UBE2C PE=1 SV=1 1 6 6 6 39.7 5.61E-66 0 0 0 0 0 0 0 1053000 32889000 0 0 0 0 0 0 0 0 0 78837000 0 0
0 0 0 0 345580 0 154560000 0 0 0 0 0 0 0 516850000 73808000 0 0 170
O00764 O00764 Pyridoxal kinase PDXK >sp|O00764|PDXK_HUMAN Pyridoxal kinase OS=Homo sapiens GN=PDXK PE=1 SV=1 1 18 18 18 69.6 2.03E-185 47678000 3474600 2179200 0 1684100 5816400 46029000 1769900000 129300000 104470000 0 0 0 0 0 1217800
4604600 4846400000 128280000 161440000 0 0 0 0 0 0 2016900 1562400000 18096000 0 0 0 0 0 0 0 2362200000 2803200000 192620000 171
O14530 O14530 Thioredoxin domain-containing protein 9 TXNDC9>sp|O14530|TXND9_HUMAN Thioredoxin domain-containing protein 9 OS=Homo sapiens GN=TXNDC9 PE=1 SV=2 1 6 6 6 31.9 5.18E-20 0 0 0 0 0 0 0 10927000 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 14700000 0 0 0 0 0 0 0 0 0 14356000 0 0 172
O14556 O14556 "Glyceraldehyde-3-phosphate dehydrogenase, testis-specific" GAPDHS ">sp|O14556|G3PT_HUMAN Glyceraldehyde-3-phosphate dehydrogenase, testis-specific OS=Homo sapiens GN=GAPDHS PE=1 SV=2" 1 2 1 1 4.4 6.91E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 173
O14561 O14561 "Acyl carrier protein, mitochondrial" NDUFAB1 ">sp|O14561|ACPM_HUMAN Acyl carrier protein, mitochondrial OS=Homo sapiens GN=NDUFAB1 PE=1 SV=3" 1 4 4 4 21.2 7.27E-18 0 0 0 0 0 0 0 0 0 126780000 733250 0 0 0 0 0 0 0 0
527080000 32500000 0 0 0 0 0 0 0 0 0 10602000 0 0 0 33188000 5072600 33599000 4560100 0 0 174
O14562 O14562 Ubiquitin domain-containing protein UBFD1 UBFD1 >sp|O14562|UBFD1_HUMAN Ubiquitin domain-containing protein UBFD1 OS=Homo sapiens GN=UBFD1 PE=1 SV=2 1 8 8 8 28.8 1.36E-108 0 0 0 0 674000 3497600 119940000 40083000 551470 0 0 0 0 0
0 0 268520000 9762300 5279300 0 0 0 29127000 0 0 0 0 0 0 0 0 351120 44801000 4250900 0 0 0 0 0 0 175
O14579 O14579 Coatomer subunit epsilon COPE >sp|O14579|COPE_HUMAN Coatomer subunit epsilon OS=Homo sapiens GN=COPE PE=1 SV=3 1 10 10 10 49.7 4.36E-47 0 0 0 0 0 0 0 30824000 1246700 0 0 0 0 0 0 0 0 247940000 10315000 0 0 0 0
0 0 0 0 0 4948300 0 0 0 0 0 0 0 0 0 28631000 115560000 176
O14617 O14617 AP-3 complex subunit delta-1 AP3D1 >sp|O14617|AP3D1_HUMAN AP-3 complex subunit delta-1 OS=Homo sapiens GN=AP3D1 PE=1 SV=1 1 26 26 26 27 1.00E-93 24156000 5225500 52156000 14751000 31728000 34479000 2141700 0 0 0 0 398270 219870000
6919500 13468000 0 0 0 0 0 0 0 0 0 0 0 0 0 141460000 456690000 61882000 0 0 0 72686000 0 0 1092900 172520000 303380000 57442000 177
O14618 O14618 Copper chaperone for superoxide dismutase CCS >sp|O14618|CCS_HUMAN Copper chaperone for superoxide dismutase OS=Homo sapiens GN=CCS PE=1 SV=1 1 7 7 7 31.8 4.76E-38 0 0 0 0 0 0 0 64227000 2008800 0 0 0 0 0 0 0 0 120550000 0 0
0 0 0 0 0 0 7644700 0 0 0 0 0 0 0 2872300 18658000 117080000 47574000 0 178
O14657 O14657 Torsin-1B TOR1B >sp|O14657|TOR1B_HUMAN Torsin-1B OS=Homo sapiens GN=TOR1B PE=1 SV=2 1 3 3 3 10.7 1.37E-08 0 0 0 0 0 0 8308000 2292100 0 0 0 0 0 0 0 0 0 25156000 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 179
O14727 O14727 Apoptotic protease-activating factor 1 APAF1 >sp|O14727|APAF_HUMAN Apoptotic protease-activating factor 1 OS=Homo sapiens GN=APAF1 PE=1 SV=2 1 14 14 14 13.1 1.73E-44 16510000 1992000 1397300 1033600 0 0 0 0 0 0 0 1841700 90655000 2677700 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 2210000 248580 519730 0 9097200 5242700 32287000 0 0 0 181
O14732 O14732 Inositol monophosphatase 2 IMPA2 >sp|O14732|IMPA2_HUMAN Inositol monophosphatase 2 OS=Homo sapiens GN=IMPA2 PE=1 SV=11 6 6 6 27.4 7.75E-26 79820000 5538900 3203200 2807100 1863300 3974100 0 0 1134200 3094200 0 0 2066400 0 0 0 0 22975000
0 0 0 0 0 0 0 0 5077400 2181900 371670 0 0 0 0 0 0 0 0 44261000 0 0 182
O14737 O14737 Programmed cell death protein 5 PDCD5 >sp|O14737|PDCD5_HUMAN Programmed cell death protein 5 OS=Homo sapiens GN=PDCD5 PE=1 SV=3 1 14 14 14 81.6 4.30E-86 0 0 0 0 0 0 0 0 34202000 703080000 943940 0 0 0 0 0 0 2132100 0
3464400000 0 0 0 0 0 0 0 566230000 35599000 0 0 0 0 0 0 0 1113800 1255300 3887700000 8362400 3616200 183
O14744 O14744 "Protein arginine N-methyltransferase 5;Protein arginine N-methyltransferase 5, N-terminally processed" PRMT5 >sp|O14744|ANM5_HUMAN Protein arginine N-methyltransferase 5 OS=Homo sapiens GN=PRMT5 PE=1 SV=4 1 24 24 24 37.8 1.12E-116 433470000 32346000 47721000
45372000 401940000 538000000 32829000 16348000 4424900 0 2361200 0 3196000 0 3159300000 54323000 2475100 0 0 0 0 0 0 0 0 0 0 0 2163500 2079000000 0 0 0 0 0 0 0 0 1495000 55204000 184
O14745 O14745 Na(+)/H(+) exchange regulatory cofactor NHE-RF1 SLC9A3R1 >sp|O14745|NHRF1_HUMAN Na(+)/H(+) exchange regulatory cofactor NHE-RF1 OS=Homo sapiens GN=SLC9A3R1 PE=1 SV=4 1 22 22 22 60.9 3.89E-184 0 0 836960 248640 1908300 16761000 123300000 34952000
0 0 0 0 937330 21971000 0 84739000 732480000 16453000 6246500 4782200 0 0 552130000 120970000 0 0 0 0 0 0 0 1769400 145340000 3443500000 89532000 18737000 5335300 2452400 0 0 0 185
O14772 O14772 Fucose-1-phosphate guanylyltransferase FPGT >sp|O14772|FPGT_HUMAN Fucose-1-phosphate guanylyltransferase OS=Homo sapiens GN=FPGT PE=1 SV=2 1 5 5 4 10.6 1.34E-13 44567000 809600 484800 333930 581130 1042600 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4479800 1195900 0 0 186
O14773 O14773 Tripeptidyl-peptidase 1 TPP1 >sp|O14773|TPP1_HUMAN Tripeptidyl-peptidase 1 OS=Homo sapiens GN=TPP1 PE=1 SV=2 1 6 6 6 17.2 1.98E-37 0 0 0 0 5079700 58510000 145610000 6946200 0 0 0 0 0 0 995310 20372000 382430000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 187
O14776 O14776 Transcription elongation regulator 1 TCERG1 >sp|O14776|TCRG1_HUMAN Transcription elongation regulator 1 OS=Homo sapiens GN=TCERG1 PE=1 SV=2 1 24 24 23 18.2 1.01E-57 3308300 1998000 49564000 9846300 13888000 2592600 0 0 0 0 0 0 434520000
7046700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 61940000 0 0 0 0 0 0 0 0 0 0 0 11334000 188
O14787 O14787 Transportin-2 TNPO2 >sp|O14787|TNPO2_HUMAN Transportin-2 OS=Homo sapiens GN=TNPO2 PE=1 SV=3 1 7 1 1 8.6 9.14E-21 0 0 0 1444000 1617100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 189
O14818;Q8TAA3 O14818 Proteasome subunit alpha type-7 PSMA7 >sp|O14818|PSA7_HUMAN Proteasome subunit alpha type-7 OS=Homo sapiens GN=PSMA7 PE=1 SV=1 2 18 18 18 70.6 2.58E-143 342210000 20846000 9764200 7375200 7247000 18923000 28389000 1419000000 219370000
229740000 1666300 0 0 1087100 0 0 5021300000 93709000 217630000 0 0 0 19682000 281090000 981990 254150 266920 95689000 19962000 0 0 1335200 128110000 498800000 4501400 17028000 69697000 25086000 588010000 190
O14841 O14841 5-oxoprolinase OPLAH >sp|O14841|OPLA_HUMAN 5-oxoprolinase OS=Homo sapiens GN=OPLAH PE=1 SV=3 1 15 15 15 15.5 4.24E-49 0 28191000 58200000 12177000 7272100 2857600 0 0 0 0 0 0 143780000 2243300 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 279850 191
O14907 O14907 Tax1-binding protein 3 TAX1BP3 >sp|O14907|TX1B3_HUMAN Tax1-binding protein 3 OS=Homo sapiens GN=TAX1BP3 PE=1 SV=2 1 3 3 3 39.5 2.82E-21 0 0 0 0 0 0 0 0 469540 43492000 0 0 0 0 0 0 0 0 0 262250000 0 0 10357000
0 0 0 0 0 0 0 18838000 919140 0 0 0 0 0 0 0 192
O14908 O14908 PDZ domain-containing protein GIPC1 GIPC1 >sp|O14908|GIPC1_HUMAN PDZ domain-containing protein GIPC1 OS=Homo sapiens GN=GIPC1 PE=1 SV=2 1 10 9 9 39.6 7.67E-41 0 0 0 0 0 0 33378000 62745000 0 0 0 0 0 0 0 0 164670000
21254000 0 0 0 0 0 0 28892000 1934200 0 0 0 0 0 0 43678000 21312000 7934600 0 0 0 0 193
O14920 O14920 Inhibitor of nuclear factor kappa-B kinase subunit beta IKBKB >sp|O14920|IKKB_HUMAN Inhibitor of nuclear factor kappa-B kinase subunit beta OS=Homo sapiens GN=IKBKB PE=1 SV=1 1 4 4 4 5.3 2.90E-10 0 0 613800 2863500 32108000 2413700 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 194
O14929 O14929 Histone acetyltransferase type B catalytic subunit HAT1 >sp|O14929|HAT1_HUMAN Histone acetyltransferase type B catalytic subunit OS=Homo sapiens GN=HAT1 PE=1 SV=1 1 16 16 16 51.6 1.72E-180 200440000 16881000 10741000 8690900 11198000 67280000 537900000
86369000 22510000 22432000 0 0 0 0 0 0 0 1655000000 15118000 3861000 5100700 0 0 0 0 0 0 0 0 805000000 81188000 0 0 0 0 0 6505200 16509000 259550000 465250000 326270000 195
O14950 O14950 Myosin regulatory light chain 12B MYL12B >sp|O14950|ML12B_HUMAN Myosin regulatory light chain 12B OS=Homo sapiens GN=MYL12B PE=1 SV=2 1 10 1 1 68.6 5.97E-138 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 195810000 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 196
O14964 O14964 Hepatocyte growth factor-regulated tyrosine kinase substrate HGS >sp|O14964|HGS_HUMAN Hepatocyte growth factor-regulated tyrosine kinase substrate OS=Homo sapiens GN=HGS PE=1 SV=1 1 10 10 10 16.3 8.42E-40 0 122220 7286200 117900000 17530000 1571400 2495200 0 0
0 0 0 323650000 1601300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 197
O14974 O14974 Protein phosphatase 1 regulatory subunit 12A PPP1R12A >sp|O14974|MYPT1_HUMAN Protein phosphatase 1 regulatory subunit 12A OS=Homo sapiens GN=PPP1R12A PE=1 SV=1 1 16 16 16 20.7 1.40E-81 0 50702 3659100 4207600 4434000 62766 1187000 25871000 0 0 0
324330 129730000 48287000 26301000 1927300 4743600 37763000 0 0 0 0 0 0 0 0 0 0 0 0 0 23397000 24584000 0 0 0 0 0 0 198
O14976 O14976 Cyclin-G-associated kinase GAK >sp|O14976|GAK_HUMAN Cyclin-G-associated kinase OS=Homo sapiens GN=GAK PE=1 SV=2 1 1 1 1 1.7 1.29E-08 2694400 325690 442600 185170 0 0 0 0 0 0 0 0 0 9201100 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 199
O14979 O14979 Heterogeneous nuclear ribonucleoprotein D-like HNRPDL >sp|O14979|HNRDL_HUMAN Heterogeneous nuclear ribonucleoprotein D-like OS=Homo sapiens GN=HNRNPDL PE=1 SV=3 1 7 5 5 16.9 1.99E-44 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3217500
67178000 75649000 0 0 0 0 0 0 0 0 0 4395400 0 0 0 0 9581500 2632600 0 0 470250000 156440000 0 0 0 200
O14980 O14980 Exportin-1 XPO1 >sp|O14980|XPO1_HUMAN Exportin-1 OS=Homo sapiens GN=XPO1 PE=1 SV=1 1 34 34 34 39.5 2.67E-142 2267400 3395000 56061000 927380000 156030000 43681000 10543000 9316700 0 3456800 0 3633100 17911000 610310000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 201
O15013 O15013 Rho guanine nucleotide exchange factor 10 ARHGEF10 >sp|O15013|ARHGA_HUMAN Rho guanine nucleotide exchange factor 10 OS=Homo sapiens GN=ARHGEF10 PE=1 SV=4 1 10 10 10 8.5 5.15E-32 59425000 9183100 1084000 0 0 0 0 0 0 0 29551 1397500 39465000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5219200 202
O15020 O15020 "Spectrin beta chain, non-erythrocytic 2" SPTBN2 ">sp|O15020|SPTN2_HUMAN Spectrin beta chain, non-erythrocytic 2 OS=Homo sapiens GN=SPTBN2 PE=1 SV=3" 1 7 3 3 3.9 2.28E-27 0 0 0 0 0 0 0 0 0 0 0 1983800 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 3184700 54132000 18073000 0 0 0 0 0 0 6321500 0 204
O15027 O15027 Protein transport protein Sec16A SEC16A >sp|O15027|SC16A_HUMAN Protein transport protein Sec16A OS=Homo sapiens GN=SEC16A PE=1 SV=3 1 20 20 20 15 2.38E-56 9631300 46462000 50261000 15710000 13370000 6548800 1828800 1536900 0 0 57831 85096000
14440000 213510 2208200 9228400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 205
O15066;O14782;Q9BVG8;Q9P2E2 O15066 Kinesin-like protein KIF3B KIF3B >sp|O15066|KIF3B_HUMAN Kinesin-like protein KIF3B OS=Homo sapiens GN=KIF3B PE=1 SV=1 4 3 3 2 5.8 1.46E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 2818000 1329400 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 580090 221770 206
O15067 O15067 Phosphoribosylformylglycinamidine synthase PFAS >sp|O15067|PUR4_HUMAN Phosphoribosylformylglycinamidine synthase OS=Homo sapiens GN=PFAS PE=1 SV=41 61 61 61 63.9 0 94498000 66648000 2762600000 756370000 628890000 788280000 122280000 129240000
64842000 11295000 1126100 11502000 12236000000 462680000 65684000 162360000 2930200 22985000 5275600 0 0 0 0 0 0 7132800 47029000 11383000 71530000 0 0 0 0 0 0 2220100000 137400000 30682000 4641400 193280 207
O15084 O15084 Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A ANKRD28 >sp|O15084|ANR28_HUMAN Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A OS=Homo sapiens GN=ANKRD28 PE=1 SV=5 1 2 2 2 2.7 1.84E-05 0 0 1206200 7955400
1330100 0 0 0 0 0 0 0 428300 21197000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 209
O15116 O15116 U6 snRNA-associated Sm-like protein LSm1 LSM1 >sp|O15116|LSM1_HUMAN U6 snRNA-associated Sm-like protein LSm1 OS=Homo sapiens GN=LSM1 PE=1 SV=11 5 5 5 48.9 1.53E-22 0 0 0 0 0 0 0 0 0 89383000 327900 0 0 0 0 0 0 0 0 0
313080000 2123400 0 0 0 0 0 0 68166000 5308300 30160000 0 0 0 0 0 0 11039000 54899000 0 0 210
O15143 O15143 Actin-related protein 2/3 complex subunit 1B ARPC1B >sp|O15143|ARC1B_HUMAN Actin-related protein 2/3 complex subunit 1B OS=Homo sapiens GN=ARPC1B PE=1 SV=3 1 20 20 18 51.1 1.39E-135 716020000 59776000 27194000 13474000 8911300 8421700 18076000 0
1766000 44217000 36502000 1423600 6314300 4076400 5020800 7687900 1543000000 301280000 5918200 124950000 0 0 0 0 0 734670 51558000 1668600 0 0 0 0 0 0 0 81820000 2596000000 118150000 102920 0 211
O15144 O15144 Actin-related protein 2/3 complex subunit 2 ARPC2 >sp|O15144|ARPC2_HUMAN Actin-related protein 2/3 complex subunit 2 OS=Homo sapiens GN=ARPC2 PE=1 SV=1 1 26 26 26 74.3 7.81E-180 1002100000 78865000 49951000 38190000 24238000 48848000 73965000
663310000 48590000 19970000 26586000 0 0 612640 5602200 0 0 4795800000 92213000 19824000 0 0 0 0 243710 11302000 102620000 245290000 0 0 0 0 0 0 157440000 2416800000 101970000 0 0 212
O15145 O15145 Actin-related protein 2/3 complex subunit 3 ARPC3 >sp|O15145|ARPC3_HUMAN Actin-related protein 2/3 complex subunit 3 OS=Homo sapiens GN=ARPC3 PE=1 SV=3 1 9 9 9 57.3 2.60E-51 0 0 0 0 0 0 0 7888600 1845800000 13449000 0 0 0 0 0 0 0 0 0
4242300000 9954600 0 0 0 0 0 0 159840000 738250000 62701000 0 0 0 0 0 0 166060000 1746000000 82976000 15712000 0 213
O15160 O15160 DNA-directed RNA polymerases I and III subunit RPAC1 POLR1C >sp|O15160|RPAC1_HUMAN DNA-directed RNA polymerases I and III subunit RPAC1 OS=Homo sapiens GN=POLR1C PE=1 SV=1 1 9 9 9 35 1.52E-39 0 0 0 0 0 0 27708000 14117000 0 0 0 0 0
0 0 129210000 0 0 0 0 0 0 0 0 0 9183700 484400000 10308000 0 0 0 0 0 0 19387000 199650000 33304000 214
O15212 O15212 Prefoldin subunit 6 PFDN6 >sp|O15212|PFD6_HUMAN Prefoldin subunit 6 OS=Homo sapiens GN=PFDN6 PE=1 SV=1 1 14 14 14 62 3.13E-120 0 0 0 0 0 0 1318600 17428000 91989000 360470000 7038800 0 0 0 0 0 0 499720 12773000
2676700000 0 0 0 0 0 0 0 52692000 223060000 0 0 0 0 0 0 0 14207000 62324000 256840000 215
O15230 O15230 Laminin subunit alpha-5 LAMA5 >sp|O15230|LAMA5_HUMAN Laminin subunit alpha-5 OS=Homo sapiens GN=LAMA5 PE=1 SV=8 1 4 4 4 1.4 1.50E-11 1245500 534700 0 0 0 0 0 0 0 0 0 12981000 622230 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 216
O15264;P53778 O15264 Mitogen-activated protein kinase 13 MAPK13 >sp|O15264|MK13_HUMAN Mitogen-activated protein kinase 13 OS=Homo sapiens GN=MAPK13 PE=1 SV=1 2 4 4 4 12.6 2.13E-19 0 0 0 0 0 0 0 0 0 0 0 0 0 6199300 921540 0 0 0 0 0 0 0
0 74720000 5001400 0 0 0 0 0 0 82094000 8256900 0 0 0 0 0 217
O15294 O15294 UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OGT >sp|O15294|OGT1_HUMAN UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit OS=Homo sapiens GN=OGT PE=1 SV=3 1 24 24 24 29.6 5.97E-82 0 230940 16816000
135110000 42735000 14617000 3499200 0 0 0 0 0 9147900 268020000 6597300 0 4874600 0 0 0 0 0 0 0 0 0 0 0 7999000 0 0 0 0 0 0 0 0 0 0 0 218
O15305 O15305 Phosphomannomutase 2 PMM2 >sp|O15305|PMM2_HUMAN Phosphomannomutase 2 OS=Homo sapiens GN=PMM2 PE=1 SV=1 1 17 17 16 68.7 6.50E-61 0 0 0 0 0 0 10498 424330000 12615000 3531300 0 0 0 0 0 0 0 665010000 10252000
138580000 0 0 2405500 73119000 495760000 12005000 0 0 0 0 0 0 541220000 469130000 6375800 0 0 0 0 219
O15347 O15347 High mobility group protein B3 HMGB3 >sp|O15347|HMGB3_HUMAN High mobility group protein B3 OS=Homo sapiens GN=HMGB3 PE=1 SV=4 1 8 7 7 43 2.89E-73 0 0 0 0 0 0 0 51329000 10125000 1599500 0 0 0 0 0 0 0 111130000
3705200 6579800 3698900 47729000 0 0 0 0 0 6426400 35804000 18953000 0 0 0 0 0 0 0 0 220
O15355 O15355 Protein phosphatase 1G PPM1G >sp|O15355|PPM1G_HUMAN Protein phosphatase 1G OS=Homo sapiens GN=PPM1G PE=1 SV=1 1 23 23 23 50.2 9.48E-165 0 0 400220 383810 3484000 24176000 192510000 104340000 388860000 24698000 0 0 0 0 7451400
8816700 324570000 86009000 780690000 27988000 0 0 0 581360000 31345000 0 0 0 0 0 0 0 120130000 1480800000 335790000 93976000 19069000 5332000 201800 264830 221
O15357;Q92835 O15357 "Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2" INPPL1 ">sp|O15357|SHIP2_HUMAN Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2 OS=Homo sapiens GN=INPPL1 PE=1 SV=2" 2 24 24 24 22.7 2.83E-72 8459200 6400200 99645000 23269000 7338800 0 0 0

0 0 0 0 346100000 7968600 2744200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 222
O15371 O15371 Eukaryotic translation initiation factor 3 subunit D EIF3D >sp|O15371|EIF3D_HUMAN Eukaryotic translation initiation factor 3 subunit D OS=Homo sapiens GN=EIF3D PE=1 SV=1 1 22 22 22 43.2 5.49E-152 1117600 80049 1000400 1579800 9373300 187740000 21934000 5587900 0
0 0 0 2156400 3185100 540420000 179590000 0 1501600 0 0 0 0 0 0 0 0 0 550190 881520000 19203000 0 0 0 0 0 0 0 0 1342100000 358650000 223
O15372 O15372 Eukaryotic translation initiation factor 3 subunit H EIF3H >sp|O15372|EIF3H_HUMAN Eukaryotic translation initiation factor 3 subunit H OS=Homo sapiens GN=EIF3H PE=1 SV=1 1 15 15 15 40.6 8.79E-66 52838000 2511900 2379400 5430100 15524000 1643000 23042000 5692500
1774400 0 0 0 0 0 23240000 0 571480000 1885400 0 0 0 0 0 0 0 0 0 912610000 59820000 0 0 0 0 0 0 0 0 926970000 624880000 224
O15382 O15382 "Branched-chain-amino-acid aminotransferase, mitochondrial" BCAT2 ">sp|O15382|BCAT2_HUMAN Branched-chain-amino-acid aminotransferase, mitochondrial OS=Homo sapiens GN=BCAT2 PE=1 SV=2" 1 20 20 20 56.4 3.20E-131 74029000 1870800 0 0 0 1048800 25021000
130840000 5955600 0 0 0 0 0 0 0 98152000 134690000 0 0 0 0 0 0 105020000 680200000 0 0 0 0 0 0 0 0 2258500000 91886000 0 0 0 0 225
O15397 O15397 Importin-8 IPO8 >sp|O15397|IPO8_HUMAN Importin-8 OS=Homo sapiens GN=IPO8 PE=1 SV=2 1 9 9 9 12.3 2.50E-38 0 0 11588000 94514000 28377000 5938500 0 0 0 0 0 0 0 21681000 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 226
O15460 O15460 Prolyl 4-hydroxylase subunit alpha-2 P4HA2 >sp|O15460|P4HA2_HUMAN Prolyl 4-hydroxylase subunit alpha-2 OS=Homo sapiens GN=P4HA2 PE=1 SV=1 1 20 20 20 46.5 1.58E-106 0 0 1769900 2204800 22224000 349700000 46717000 10680000 6903500 2300900 0 0
28737000 7684400 598100 1112300000 22720000 0 0 2086000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 50840000 5376000 227
O15498 O15498 Synaptobrevin homolog YKT6 YKT6 >sp|O15498|YKT6_HUMAN Synaptobrevin homolog YKT6 OS=Homo sapiens GN=YKT6 PE=1 SV=1 1 7 7 7 34.8 1.12E-21 12403000 0 0 47648000 30074000 0 0 0 0 0 0 0 0 0 0 24716000 0 29941000
0 0 0 0 0 32206000 0 0 0 0 0 0 0 0 1117900 291500000 10496000 0 0 0 0 0 228
O15511 O15511 Actin-related protein 2/3 complex subunit 5 ARPC5 >sp|O15511|ARPC5_HUMAN Actin-related protein 2/3 complex subunit 5 OS=Homo sapiens GN=ARPC5 PE=1 SV=3 1 7 6 6 57.6 7.97E-69 0 0 0 0 0 0 5290100 4229900 596500000 44168000 0 0 0 0 0 0 0
0 2103100000 53350000 0 0 0 616890 5018000 8361700 46437000 18870000 0 0 0 0 0 0 0 140370000 1003100000 0 0 0 229
O15514 O15514 DNA-directed RNA polymerase II subunit RPB4 POLR2D >sp|O15514|RPB4_HUMAN DNA-directed RNA polymerase II subunit RPB4 OS=Homo sapiens GN=POLR2D PE=1 SV=1 1 3 3 3 28.2 1.60E-10 0 0 0 0 0 0 0 0 0 11902000 0 0 0 0 0 0 0 0 0
58295000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 230
O43143 O43143 Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15DHX15 >sp|O43143|DHX15_HUMAN Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 OS=Homo sapiens GN=DHX15 PE=1 SV=2 1 43 43 42 55 4.34E-291 986430000 95955000 110980000 203920000
243600000 85583000 12185000 11261000 2318200 0 9935300 3870300 14087000 3747900000 1085400000 146850000 8153300 0 0 0 0 0 0 0 0 379050 465860000 4736200000 320700000 0 0 0 0 0 0 125560000 453920000 6292300000
1036900000 232
O43148 O43148 mRNA cap guanine-N7 methyltransferase RNMT >sp|O43148|MCES_HUMAN mRNA cap guanine-N7 methyltransferase OS=Homo sapiens GN=RNMT PE=1 SV=1 1 10 10 10 20.4 8.29E-32 5947400 339900 284580 0 901920 6545400 0 0 0 0 0 0 0 0 0 29678000
3428200 0 0 0 0 0 1024500 2345200 22318000 0 0 0 0 0 0 11101000 22944000 7683900 40028000 0 0 0 0 0 233
O43149 O43149 Zinc finger ZZ-type and EF-hand domain-containing protein 1 ZZEF1 >sp|O43149|ZZEF1_HUMAN Zinc finger ZZ-type and EF-hand domain-containing protein 1 OS=Homo sapiens GN=ZZEF1 PE=1 SV=6 1 2 2 2 0.9 6.61E-06 693250 1422700 1620200 1133900 495250 504090 8637500
59622000 0 0 0 0 0 0 0 0 0 20658000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 234
O43169 O43169 Cytochrome b5 type B CYB5B >sp|O43169|CYB5B_HUMAN Cytochrome b5 type B OS=Homo sapiens GN=CYB5B PE=1 SV=2 1 2 2 2 31.5 8.42E-11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10020000 0 1620100 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 235
O43172 O43172 U4/U6 small nuclear ribonucleoprotein Prp4 PRPF4 >sp|O43172|PRP4_HUMAN U4/U6 small nuclear ribonucleoprotein Prp4 OS=Homo sapiens GN=PRPF4 PE=1 SV=2 1 7 7 7 17.4 1.40E-27 0 0 0 0 2706300 44307000 1597200 0 0 0 0 0 0 0 0 73906000
2890300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 236
O43175 O43175 D-3-phosphoglycerate dehydrogenase PHGDH >sp|O43175|SERA_HUMAN D-3-phosphoglycerate dehydrogenase OS=Homo sapiens GN=PHGDH PE=1 SV=41 29 29 29 62.9 0 59034000 4271900 10166000 13425000 168330000 1928400000 995390000 258660000 221190000
75186000 0 0 6347600 0 2124900 1710200000 26110000 16524000 13926000 9034100 0 0 0 0 0 2557500 0 0 3286300000 1447500000 30697000 0 0 0 0 0 0 65235000 5302000000 12353000000 237
O43237 O43237 Cytoplasmic dynein 1 light intermediate chain 2 DYNC1LI2 >sp|O43237|DC1L2_HUMAN Cytoplasmic dynein 1 light intermediate chain 2 OS=Homo sapiens GN=DYNC1LI2 PE=1 SV=1 1 11 11 11 31.1 9.51E-51 0 0 0 0 6621700 53443000 12388000 2112000 0 6129400 0 0 0
0 0 163400000 3283900 0 0 122260 0 0 0 0 0 95641000 1301700 0 0 2226800 0 0 0 0 0 115910000 2617000 0 0 0 238
O43242 O43242 26S proteasome non-ATPase regulatory subunit 3PSMD3 >sp|O43242|PSMD3_HUMAN 26S proteasome non-ATPase regulatory subunit 3 OS=Homo sapiens GN=PSMD3 PE=1 SV=2 1 37 37 37 63.5 1.63E-247 595100000 35773000 26371000 35942000 71100000 1576800000
65929000 16174000 1885300 0 2180900 0 5812200 7162700 45897000 3656600000 30748000 3350500 0 0 0 0 0 0 0 0 0 79207000 256460000 0 0 0 0 0 216030 254700 6930900 97689000 2152400000 239
O43252 O43252 Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1;Sulfate adenylyltransferase;Adenylyl-sulfate kinasePAPSS1 >sp|O43252|PAPS1_HUMAN Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1 OS=Homo sapiens GN=PAPSS1 PE=1 SV=2 1 29 29 28 53 4.17E-288 46059000
3723000 14045000 14641000 320240000 880340000 57212000 88275000 9808500 16008000 0 955510 3421300 4458000 3153700000 96206000 12685000 17100000 0 5292900 0 0 0 0 0 120540000 10918000 0 414550 0 0 0 0 0 467440000
2501800000 177220000 70655000 8403500 0 240
O43264 O43264 Centromere/kinetochore protein zw10 homolog ZW10 >sp|O43264|ZW10_HUMAN Centromere/kinetochore protein zw10 homolog OS=Homo sapiens GN=ZW10 PE=1 SV=3 1 1 1 1 1.7 2.24E-06 0 0 0 0 6987000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 241
O43294 O43294 Transforming growth factor beta-1-induced transcript 1 protein TGFB1I1 >sp|O43294|TGFI1_HUMAN Transforming growth factor beta-1-induced transcript 1 protein OS=Homo sapiens GN=TGFB1I1 PE=1 SV=2 1 1 1 1 4.3 7.05E-07 0 0 0 0 0 5874900 0 0 0 0 0 0 0 0
0 11121000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 242
O43314;Q6PFW1 O43314 Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2 PPIP5K2 >sp|O43314|VIP2_HUMAN Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2 OS=Homo sapiens GN=PPIP5K2 PE=1 SV=3 2 6 6 6 6.5 6.70E-18 332550 277000 10989000
8068300 3672400 0 0 0 0 0 0 0 0 13788000 5793900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2933000 0 243
O43324;C9J1V9 O43324;C9J1V9 Eukaryotic translation elongation factor 1 epsilon-1 EEF1E1;hCG_2043275 >sp|O43324|MCA3_HUMAN Eukaryotic translation elongation factor 1 epsilon-1 OS=Homo sapiens GN=EEF1E1 PE=1 SV=1;>tr|C9J1V9|C9J1V9_HUMAN HCG2043275 OS=Homo sapiens GN=EEF1E1-BLOC1S5 PE=4
SV=2 2 13 13 13 78.7 1.99E-65 0 0 0 0 0 0 0 0 331590000 2804900 18537000 0 0 0 0 0 0 0 1692600000 1783200 0 0 0 0 0 0 0 0 232430000 36567000 0 0 0 0 0 0 0 0 170200000 1120200000 244
O43390 O43390 Heterogeneous nuclear ribonucleoprotein R HNRNPR >sp|O43390|HNRPR_HUMAN Heterogeneous nuclear ribonucleoprotein R OS=Homo sapiens GN=HNRNPR PE=1 SV=1 1 28 21 21 47.6 2.64E-126 919990 209790 2660600 9759300 130480000 103860000 14161000 29217000 0
0 0 0 0 0 1075300000 99620000 18618000 7114800 0 0 0 0 0 0 7851400 437500000 38457000 0 0 0 0 0 0 0 219200000 1289700000 350230000 2398300 7128000 0 245
O43395 O43395 U4/U6 small nuclear ribonucleoprotein Prp3 PRPF3 >sp|O43395|PRPF3_HUMAN U4/U6 small nuclear ribonucleoprotein Prp3 OS=Homo sapiens GN=PRPF3 PE=1 SV=2 1 3 3 3 4.2 2.40E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 22301000 36326000
2982100 0 0 0 0 0 0 0 0 0 0 0 0 0 1842600 0 0 0 0 0 0 0 0 3889000 7222700 246
O43396 O43396 Thioredoxin-like protein 1 TXNL1 >sp|O43396|TXNL1_HUMAN Thioredoxin-like protein 1 OS=Homo sapiens GN=TXNL1 PE=1 SV=3 1 19 19 19 67.1 1.02E-205 0 0 0 0 0 947300 4541400 374930000 58755000 15696000 0 0 0 0 0 5946400 0
1013300000 43802000 1201700 489260 250620000 1463000000 1473600 0 0 0 0 0 0 1784200 357020000 950410000 10015000 0 0 0 0 0 0 247
O43399 O43399 Tumor protein D54 TPD52L2 >sp|O43399|TPD54_HUMAN Tumor protein D54 OS=Homo sapiens GN=TPD52L2 PE=1 SV=2 1 16 16 16 75.7 4.03E-242 0 0 0 0 0 0 0 763330000 84398000 3541200 0 0 0 0 0 0 3199800 2049800000
209350000 8564000 0 0 0 0 255280000 109850000 63193000 438360000 147350000 17928000 0 0 0 1134600 17386000 219250000 692200000 232810000 145150000 300640000 248
O43432 O43432 Eukaryotic translation initiation factor 4 gamma 3 EIF4G3 >sp|O43432|IF4G3_HUMAN Eukaryotic translation initiation factor 4 gamma 3 OS=Homo sapiens GN=EIF4G3 PE=1 SV=2 1 14 8 8 8.9 1.56E-54 0 1918400 6161300 4050900 1141800 765140 0 0 0 0 0 42847000
25281000 1979900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 249
O43447 O43447 Peptidyl-prolyl cis-trans isomerase H PPIH >sp|O43447|PPIH_HUMAN Peptidyl-prolyl cis-trans isomerase H OS=Homo sapiens GN=PPIH PE=1 SV=1 1 11 11 11 54.8 6.73E-38 0 0 0 0 0 0 69146 1375700 217280000 16745000 0 0 0 0 0 0 0 0
1113900000 4413400 0 0 0 0 22170000 77908000 0 0 0 0 0 0 0 861130 330190000 1940900 239960 0 776860 6992400 250
O43464 O43464 "Serine protease HTRA2, mitochondrial" HTRA2 ">sp|O43464|HTRA2_HUMAN Serine protease HTRA2, mitochondrial OS=Homo sapiens GN=HTRA2 PE=1 SV=2" 1 1 1 1 2.2 0.00033444 0 0 0 0 0 0 0 5517900 0 0 0 0 0 0 0 0 0
11032000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 251
O43488;Q8NHP1;O95154 O43488 Aflatoxin B1 aldehyde reductase member 2 AKR7A2 >sp|O43488|ARK72_HUMAN Aflatoxin B1 aldehyde reductase member 2 OS=Homo sapiens GN=AKR7A2 PE=1 SV=3 3 13 13 13 44.8 3.41E-120 0 0 0 0 0 0 0 456280000 11698000
7031200 0 0 0 0 0 0 0 638840000 7070700 0 0 0 0 0 55007000 655130000 29218000 295650000 104020 0 0 0 0 36965000 269210000 746260000 1179400000 3649700 0 0 252
O43491 O43491 Band 4.1-like protein 2 EPB41L2 >sp|O43491|E41L2_HUMAN Band 4.1-like protein 2 OS=Homo sapiens GN=EPB41L2 PE=1 SV=1 1 29 29 26 39 4.63E-130 8051000 4926500 212520000 80896000 62129000 31016000 3213400 2311800 0 0 0 311560 648630000
86193000 7013800 10117000 3539500 0 0 0 0 0 0 0 0 0 0 0 1308600 130060 0 0 0 0 0 660650 0 0 2722100 4246100 253
O43504 O43504 Ragulator complex protein LAMTOR5 LAMTOR5 >sp|O43504|LTOR5_HUMAN Ragulator complex protein LAMTOR5 OS=Homo sapiens GN=LAMTOR5 PE=1 SV=1 1 3 3 3 48.4 3.92E-18 0 0 0 0 0 0 0 0 672170 112530000 0 0 0 0 0 0 0
0 0 343250000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 254
O43583 O43583 Density-regulated protein DENR >sp|O43583|DENR_HUMAN Density-regulated protein OS=Homo sapiens GN=DENR PE=1 SV=2 1 11 11 11 50 1.83E-193 0 0 0 0 0 0 0 76463000 1874300 0 0 0 0 0 0 0 0 87161000 0 0
67930000 18826000 0 0 0 0 0 0 0 0 320660000 342520 0 0 0 0 0 0 0 0 255
O43592 O43592 Exportin-T XPOT >sp|O43592|XPOT_HUMAN Exportin-T OS=Homo sapiens GN=XPOT PE=1 SV=2 1 24 24 24 27.9 1.59E-118 109610000 16521000 29838000 635120000 226230000 94976000 1420900 6474900 0 0 0 1511100 2259200 622180000
33777000 3925800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 68153000 256
O43598 O43598 2-deoxynucleoside 5-phosphate N-hydrolase 1 DNPH1 >sp|O43598|DNPH1_HUMAN 2-deoxynucleoside 5-phosphate N-hydrolase 1 OS=Homo sapiens GN=DNPH1 PE=1 SV=1 1 8 8 8 62.1 1.68E-46 0 0 0 0 0 0 472000 2307500 344730000 17831000 11184000
0 0 0 0 0 0 0 1113300000 13123000 0 263300 301790000 6478700 0 0 0 0 0 0 0 1094100000 46106000 11523000 0 0 0 0 0 257
O43615 O43615 Mitochondrial import inner membrane translocase subunit TIM44 TIMM44 >sp|O43615|TIM44_HUMAN Mitochondrial import inner membrane translocase subunit TIM44 OS=Homo sapiens GN=TIMM44 PE=1 SV=2 1 6 6 6 16.8 1.72E-25 0 0 0 0 0 2166900 52493000
4744600 656720 0 0 0 0 0 0 2390100 90998000 0 0 0 0 0 0 0 0 0 0 0 0 0 4905200 0 0 0 0 0 0 0 0 0 34865000 258
O43617 O43617 Trafficking protein particle complex subunit 3 TRAPPC3 >sp|O43617|TPPC3_HUMAN Trafficking protein particle complex subunit 3 OS=Homo sapiens GN=TRAPPC3 PE=1 SV=1 1 7 7 7 36.1 2.00E-28 0 0 0 0 0 0 0 0 40578000 1864700 0 0 0 0 0
0 0 0 58826000 0 0 0 221430 75526000 0 832790 0 210530 67345000 0 0 0 169830000 8516600 0 0 3816600 34349000 2425900 0 259
O43633 O43633 Charged multivesicular body protein 2a CHMP2A >sp|O43633|CHM2A_HUMAN Charged multivesicular body protein 2a OS=Homo sapiens GN=CHMP2A PE=1 SV=1 1 6 6 6 26.6 1.20E-20 0 0 0 0 0 0 0 19988000 4906800 0 0 0 0 0 0 0 0
8425400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 394700000 6765600 0 0 260
O43660 O43660 Pleiotropic regulator 1 PLRG1 >sp|O43660|PLRG1_HUMAN Pleiotropic regulator 1 OS=Homo sapiens GN=PLRG1 PE=1 SV=1 1 6 6 6 10.9 1.18E-16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
22363000 100890 0 0 0 0 0 0 0 14721000 147480000 1259800 0 0 0 0 261
O43665 O43665 Regulator of G-protein signaling 10 RGS10 >sp|O43665|RGS10_HUMAN Regulator of G-protein signaling 10 OS=Homo sapiens GN=RGS10 PE=1 SV=2 1 3 3 3 19.7 6.54E-32 0 0 0 0 0 0 0 2554900 21030000 0 0 0 0 0 0 0 0 0
20110000 0 0 0 104250000 0 0 0 0 0 0 0 0 0 0 106690000 98822 0 0 0 0 0 0 262
O43670 O43670 Zinc finger protein 207 ZNF207 >sp|O43670|ZN207_HUMAN BUB3-interacting and GLEBS motif-containing protein ZNF207 OS=Homo sapiens GN=ZNF207 PE=1 SV=1 1 5 5 5 11.1 3.31E-15 0 0 0 0 2210600 22708000 7491400 35910000 7977100 0 0 0 0 0
0 113190000 5233100 7650400 0 0 0 0 0 0 0 0 0 0 5841600 0 0 0 0 0 1091800 240430 0 0 0 0 263
O43678 O43678 NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 NDUFA2 >sp|O43678|NDUA2_HUMAN NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2 OS=Homo sapiens GN=NDUFA2 PE=1 SV=3 1 4 4 4 41.4 7.33E-26 0 0 0 0 0 0 0 0 0
51115000 0 0 0 0 0 0 0 0 0 136070000 0 0 0 0 0 0 0 0 0 0 0 0 0 1129000 2226700 1720600 0 0 0 0 0 0 264
O43681 O43681 ATPase ASNA1 ASNA1 >sp|O43681|ASNA_HUMAN ATPase ASNA1 OS=Homo sapiens GN=ASNA1 PE=1 SV=2 1 10 10 10 35.6 4.13E-39 3488000 374610 247320 296190 0 2869300 40252000 94477000 4801500 18180000 0 0 0 0 0 9754800 398070000
15501000 0 2976700 0 0 0 0 0 0 0 0 288470000 0 0 0 0 0 0 0 0 209690000 265
O43684 O43684 Mitotic checkpoint protein BUB3 BUB3 >sp|O43684|BUB3_HUMAN Mitotic checkpoint protein BUB3 OS=Homo sapiens GN=BUB3 PE=1 SV=1 1 8 8 8 29.9 6.19E-39 0 0 0 488290 373940 3539300 47761000 51305000 6429700 11969000 0 0 0 0 0 0
347980000 15067000 0 4499500 0 0 0 1101400 592770 4623700 12340000 6763800 37503000 0 0 0 0 0 0 0 130170000 48304000 14764000 18363000 0 266
O43707 O43707 Alpha-actinin-4 ACTN4 >sp|O43707|ACTN4_HUMAN Alpha-actinin-4 OS=Homo sapiens GN=ACTN4 PE=1 SV=2 1 65 65 46 74.1 0 16248000 12156000 156190000 3789400000 982950000 242560000 42534000 41856000 6172600 8205900 390120 1233200
53042000 24782000000 448290000 40284000 16451000 10674000 2507000 0 0 0 0 0 0 0 0 0 0 2486100000 293350000 0 0 0 0 0 0 0 5089700 2889200000 652880000 267
O43708 O43708 Maleylacetoacetate isomerase GSTZ1 >sp|O43708|MAAI_HUMAN Maleylacetoacetate isomerase OS=Homo sapiens GN=GSTZ1 PE=1 SV=3 1 6 6 6 32.9 4.24E-20 0 0 0 0 0 0 0 8444800 60663000 833270 0 0 0 0 0 0 0 3633100 122870000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10184000 2598800 5020600 0 0 0 268
O43709 O43709 Uncharacterized methyltransferase WBSCR22 WBSCR22 >sp|O43709|WBS22_HUMAN Probable 18S rRNA (guanine-N(7))-methyltransferase OS=Homo sapiens GN=WBSCR22 PE=1 SV=2 1 3 3 3 17.4 4.49E-14 0 0 0 0 0 0 0 23760000 0 0 0 0 0 0
0 0 0 46388000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 703660 0 0 0 0 269
O43715 O43715 TP53-regulated inhibitor of apoptosis 1 TRIAP1 >sp|O43715|TRIA1_HUMAN TP53-regulated inhibitor of apoptosis 1 OS=Homo sapiens GN=TRIAP1 PE=1 SV=1 1 3 3 3 38.2 6.91E-09 0 0 0 0 0 0 0 0 0 8168700 0 0 0 0 0 0 0 0 0
4861000 0 0 0 0 0 0 0 0 1855100 0 0 0 0 0 0 0 0 13828000 0 0 270
O43716;H0YIV9 O43716;H0YIV9 "Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial" GATC ">sp|O43716|GATC_HUMAN Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial OS=Homo sapiens GN=GATC PE=1 SV=1;>tr|H0YIV9|H0YIV9_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens
PE=3 SV=1" 2 5 5 5 47.1 2.85E-14 0 0 0 0 0 0 0 0 0 10449000 0 0 0 0 0 0 0 0 0 41677000 0 0 0 0 404080 0 0 0 0 0 0 0 0 0 0 2440000 4889400 0 0 0 113
O43719 O43719 HIV Tat-specific factor 1 HTATSF1 >sp|O43719|HTSF1_HUMAN HIV Tat-specific factor 1 OS=Homo sapiens GN=HTATSF1 PE=1 SV=1 1 31 31 31 46.5 7.48E-154 0 307070 1451900 5536800 9129400 0 171700 913010 236890 0 0 0 0 97043000 8157400 13545000
8485900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2552000 189940000 78309000 3757100 0 94032 233020 271
O43747 O43747 AP-1 complex subunit gamma-1 AP1G1 >sp|O43747|AP1G1_HUMAN AP-1 complex subunit gamma-1 OS=Homo sapiens GN=AP1G1 PE=1 SV=5 1 6 6 6 8 2.48E-16 0 0 227710 13626000 9856700 2558300 0 0 0 0 0 0 15182000 125330 0 0 0
0 0 0 0 0 0 0 0 0 0 0 57021000 0 0 0 0 0 0 0 0 0 0 7406700 272
O43765 O43765 Small glutamine-rich tetratricopeptide repeat-containing protein alpha SGTA >sp|O43765|SGTA_HUMAN Small glutamine-rich tetratricopeptide repeat-containing protein alpha OS=Homo sapiens GN=SGTA PE=1 SV=1 1 13 13 13 42.5 1.21E-79 0 0 0 0 0 2431600 1655000
166590000 34493000 0 0 0 0 0 0 0 0 272450000 15985000 0 0 0 0 0 0 0 0 207500000 67104000 0 0 0 0 0 0 0 0 1193600000 2117900000 273
O43768 O43768 Alpha-endosulfine ENSA >sp|O43768|ENSA_HUMAN Alpha-endosulfine OS=Homo sapiens GN=ENSA PE=1 SV=1 1 12 12 11 75.2 4.76E-73 0 0 0 0 0 0 0 334990 211290000 33173000 0 0 0 0 0 0 0 0 348230000 37772000
0 5131000 17090000 0 0 0 0 0 0 0 250850 322020000 0 0 0 0 0 0 0 0 274
O43776;REV__H7BZ55 O43776 "Asparagine--tRNA ligase, cytoplasmic" NARS ">sp|O43776|SYNC_HUMAN Asparagine--tRNA ligase, cytoplasmic OS=Homo sapiens GN=NARS PE=1 SV=1" 2 30 30 30 51.5 4.84E-263 224730000 9860300 17063000 26351000 90320000 1325000000
136690000 52163000 26799000 41431000 251530 0 1041700 0 1318200000 3009400000 32518000 8497000 4324000 12361000 0 7847700 89259000 189770000 103390000 91633000 0 0 0 37004000 0 0 2323500000 557910000 629560000
176840000 7646100 6019200 2085500 0 275
O43795 O43795 Unconventional myosin-Ib MYO1B >sp|O43795|MYO1B_HUMAN Unconventional myosin-Ib OS=Homo sapiens GN=MYO1B PE=1 SV=3 1 2 2 1 2.1 1.16E-06 0 0 0 0 0 0 0 0 0 0 0 12301000 1714000 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 276
O43805 O43805 Sjoegren syndrome nuclear autoantigen 1 SSNA1 >sp|O43805|SSNA1_HUMAN Sjoegren syndrome nuclear autoantigen 1 OS=Homo sapiens GN=SSNA1 PE=1 SV=2 1 5 5 5 42.9 5.12E-23 0 0 0 0 0 0 0 0 2549100 68863000 0 0 0 0 0 0 0
0 0 195120000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 277
O43809 O43809 Cleavage and polyadenylation specificity factor subunit 5 NUDT21 >sp|O43809|CPSF5_HUMAN Cleavage and polyadenylation specificity factor subunit 5 OS=Homo sapiens GN=NUDT21 PE=1 SV=1 1 7 7 7 43.2 2.68E-19 0 0 0 0 0 0 0 40054000 12637000
1351300 0 0 0 0 0 0 0 149730000 16729000 1406500 0 0 0 0 0 0 0 8962600 20581000 42224000 0 0 0 0 0 0 0 0 12789000 5252700 278
O43813 O43813 LanC-like protein 1 LANCL1 >sp|O43813|LANC1_HUMAN LanC-like protein 1 OS=Homo sapiens GN=LANCL1 PE=1 SV=1 1 13 13 13 43.1 3.77E-45 13911000 644380 329880 346390 1638700 2383000 125090000 244210000 10772000 88567000 0 0 0 0 0
0 459240000 61495000 0 42024000 0 0 0 0 0 0 0 0 13784000 0 0 0 0 0 0 0 0 0 0 32183000 279
O43815 O43815 Striatin STRN >sp|O43815|STRN_HUMAN Striatin OS=Homo sapiens GN=STRN PE=1 SV=4 1 8 7 7 19.7 6.56E-29 0 0 459050 37262000 10028000 3416700 0 0 0 0 0 0 0 54429000 2028500 4649900 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 280
O43818 O43818 U3 small nucleolar RNA-interacting protein 2 RRP9 >sp|O43818|U3IP2_HUMAN U3 small nucleolar RNA-interacting protein 2 OS=Homo sapiens GN=RRP9 PE=1 SV=1 1 6 6 6 12.4 2.90E-19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 150600000 2842800 0 0 0 0 0 0 0 296960 48950000 372130 0 0 0 0 281
O43837 O43837 "Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial" IDH3B ">sp|O43837|IDH3B_HUMAN Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial OS=Homo sapiens GN=IDH3B PE=1 SV=2" 1 14 14 14 45.7 8.18E-57 0 0 0 0 246740 5043200 126150000 223230000
3199300 0 0 0 0 0 0 0 722270000 88910000 110990000 0 0 0 0 0 11133000 0 0 0 0 0 0 0 0 35966000 0 0 0 0 0 282
O43847 O43847 Nardilysin NRD1 >sp|O43847|NRDC_HUMAN Nardilysin OS=Homo sapiens GN=NRDC PE=1 SV=2 1 57 57 57 51.3 0 18886000 13967000 920370000 380440000 198510000 69330000 15490000 1622300 2149600 8400300 0 247240 4211700000 392890000
34722000 17103000 0 0 443420 2906200 0 395860 329620 739810000 10027000 1374700 0 0 0 0 0 0 0 515750000 9583600 9783900 0 0 0 0 283
O43852 O43852 Calumenin CALU >sp|O43852|CALU_HUMAN Calumenin OS=Homo sapiens GN=CALU PE=1 SV=2 1 23 23 23 73.3 7.17E-138 0 0 788070 1739200 8511900 89690000 735660000 337740000 195820000 72765000 0 0 0 0 600630 2873300 6668900000
455680000 341360000 74461000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 224160 8200200 284
O43865 O43865 Putative adenosylhomocysteinase 2 AHCYL1>sp|O43865|SAHH2_HUMAN Adenosylhomocysteinase 2 OS=Homo sapiens GN=AHCYL1 PE=1 SV=2 1 19 19 9 29.1 1.83E-62 661750000 44568000 34217000 16435000 19697000 17754000 68107000 140660000 1042000 0
110990000 0 858340 159090000 72854000 1188700000 11630000 6008200 0 170620000 0 0 0 0 32117000 1110500 0 2776700 0 0 0 0 0 5014500 127240000 3427500 119500 182440000 0 0 285
O43896 O43896 Kinesin-like protein KIF1C KIF1C >sp|O43896|KIF1C_HUMAN Kinesin-like protein KIF1C OS=Homo sapiens GN=KIF1C PE=1 SV=3 1 4 4 3 3.9 1.52E-12 0 120650 378280 33424 0 0 0 0 0 0 0 0 13065000 0 7688600 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 286
O43924 O43924 "Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit delta" PDE6D ">sp|O43924|PDE6D_HUMAN Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit delta OS=Homo sapiens GN=PDE6D PE=1 SV=1" 1 4 4 4 33.3 2.70E-15 5333600 0 0 0 0 0
0 0 32918000 190180 0 0 0 0 0 0 0 87102000 0 0 6373400 10653000 0 0 0 0 0 0 0 0 5077500 0 0 0 0 0 0 0 287

O60216;Q9H4I0 O60216;Q9H4I0 Double-strand-break repair protein rad21 homolog;Double-strand-break repair protein rad21-like protein 1 RAD21;RAD21L1 >sp|O60216|RAD21_HUMAN Double-strand-break repair protein rad21 homolog OS=Homo sapiens GN=RAD21 PE=1 SV=2;>sp|Q9H4I0|RD21L_HUMAN Double-strand-
break repair protein rad21-like protein 1 OS=Homo sapiens GN=RAD21L1 PE=2 SV=3 2 2 2 2 3.3 7.33E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9155300 0 0 0 0 0 0 0 0 0 2459700 0 288

O60220 O60220 Mitochondrial import inner membrane translocase subunit Tim8 A TIMM8A >sp|O60220|TIM8A_HUMAN Mitochondrial import inner membrane translocase subunit Tim8 A OS=Homo sapiens GN=TIMM8A PE=1 SV=1 1 3 3 3 52.6 4.00E-31 0 0 0 0 0 0 0 0 0 1775000 227930000
0 0 0 0 0 0 0 0 0 1582700000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 289

O60231 O60231 Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16 DHX16 >sp|O60231|DHX16_HUMAN Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16 OS=Homo sapiens GN=DHX16 PE=1 SV=2 1 10 9 9 12 2.27E-39 0 0 674300 0 0 0 0 0 0 0
0 0 11277000 3624300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1845300 8930400 0 0 0 0 0 0 0 0 0 16597000 290

O60232 O60232 Sjoegren syndrome/scleroderma autoantigen 1 SSSCA1 >sp|O60232|SSA27_HUMAN Sjoegren syndrome/scleroderma autoantigen 1 OS=Homo sapiens GN=SSSCA1 PE=1 SV=1 1 2 2 2 11.6 4.82E-07 0 0 0 0 0 0 0 0 72949000 19344000 1637300 0 0 0 0 0 0 0
49369000 25595000 1643700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 291

O60256 O60256 Phosphoribosyl pyrophosphate synthase-associated protein 2 PRPSAP2 >sp|O60256|KPRB_HUMAN Phosphoribosyl pyrophosphate synthase-associated protein 2 OS=Homo sapiens GN=PRPSAP2 PE=1 SV=1 1 19 19 18 66.9 2.33E-171 0 0 0 0 0 1788200 187450000 86178000
7410000 0 0 0 0 0 0 0 0 631410000 4999500 10908000 0 0 0 0 0 0 25764000 75205000 30685000 0 0 0 0 0 0 52767000 959510000 1304200000 176550000 1488100 0 292

O60264;P28370 O60264;P28370 SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5;Probable global transcription activator SNF2L1 SMARCA5;SMARCA1 >sp|O60264|SMCA5_HUMAN SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5
OS=Homo sapiens GN=SMARCA5 PE=1 SV=1;>sp|P28370|SMCA1_HUMAN Probable global transcription activator SNF2L1 OS=Homo sapiens GN=SMARCA1 PE=1 2 5 5 5 4.8 3.18E-11 0 0 2527200 1490000 375330 0 0 0 0 0 0 0 0 8510400 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 108080 0 0 0 0 0 0 0 0 0 351990 0 0 293

O60271;Q9UPT6 O60271 C-Jun-amino-terminal kinase-interacting protein 4 SPAG9 >sp|O60271|JIP4_HUMAN C-Jun-amino-terminal kinase-interacting protein 4 OS=Homo sapiens GN=SPAG9 PE=1 SV=4 2 45 45 45 45 0 254370000 132350000 127030000 53997000 43642000 17456000 0 0
0 0 1272600 10611000 1735000000 38383000 3189700 0 0 0 0 0 0 0 0 0 864300 0 0 2567800000 18348000 0 0 0 0 18700000 2144000 0 0 280770000 59905000 294

O60294 O60294 Leucine carboxyl methyltransferase 2 LCMT2 >sp|O60294|TYW4_HUMAN tRNA wybutosine-synthesizing protein 4 OS=Homo sapiens GN=LCMT2 PE=1 SV=3 1 10 10 10 20 1.51E-30 48427000 2466400 1804800 1047200 1179000 0 0 0 0 0 0 0 0 0 103440000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 295

O60306 O60306 Intron-binding protein aquarius AQR >sp|O60306|AQR_HUMAN Intron-binding protein aquarius OS=Homo sapiens GN=AQR PE=1 SV=4 1 7 7 7 7.2 8.79E-23 0 0 7868500 1484000 0 0 0 0 0 0 0 0 0 61830000 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 296

O60341 O60341 Lysine-specific histone demethylase 1A KDM1A >sp|O60341|KDM1A_HUMAN Lysine-specific histone demethylase 1A OS=Homo sapiens GN=KDM1A PE=1 SV=2 1 6 6 6 8.5 4.61E-19 1003900 204280 2022300 25433000 2154100 0 0 0 0 0 0 0 0 3966500 28180000 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 298

O60343 O60343 TBC1 domain family member 4 TBC1D4 >sp|O60343|TBCD4_HUMAN TBC1 domain family member 4 OS=Homo sapiens GN=TBC1D4 PE=1 SV=2 1 8 8 8 7.2 5.87E-20 29595 672350 9446000 2873900 1720500 0 0 0 0 0 0 0 17175000 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 175440 0 0 0 0 0 299

O60437 O60437 Periplakin PPL >sp|O60437|PEPL_HUMAN Periplakin OS=Homo sapiens GN=PPL PE=1 SV=4 1 34 34 34 22.4 5.10E-105 2060000 6372200 6197100 424480 4271900 499010 0 0 0 0 171550 323390000 14052000 4149600 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 313920 0 301

O60443 O60443 Non-syndromic hearing impairment protein 5 DFNA5 >sp|O60443|DFNA5_HUMAN Non-syndromic hearing impairment protein 5 OS=Homo sapiens GN=DFNA5 PE=1 SV=2 1 1 1 1 2.8 5.46E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 834490 153450 0 0 0 0 0 0 0 0 0 0 0 0 302

O60488;O95573 O60488 Long-chain-fatty-acid--CoA ligase 4 ACSL4 >sp|O60488|ACSL4_HUMAN Long-chain-fatty-acid--CoA ligase 4 OS=Homo sapiens GN=ACSL4 PE=1 SV=2 2 9 9 9 17.2 2.89E-26 3079900 335060 509380 2682200 51804000 4817800 1408000 1603800 0 0 0 0 0 0
117750000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 7230800 303

O60493 O60493 Sorting nexin-3 SNX3 >sp|O60493|SNX3_HUMAN Sorting nexin-3 OS=Homo sapiens GN=SNX3 PE=1 SV=3 1 9 7 7 43.8 3.02E-29 0 0 0 0 0 0 1093000 993970 100490000 2423000 0 0 0 0 0 0 0 0 260060000 1772200 894540 0 4477000
598340 0 0 0 0 0 0 0 1178000 72323000 4769600 602580 0 0 0 0 0 304

O60502 O60502 Bifunctional protein NCOAT;Protein O-GlcNAcase;Histone acetyltransferase MGEA5 >sp|O60502|OGA_HUMAN Protein O-GlcNAcase OS=Homo sapiens GN=MGEA5 PE=1 SV=2 1 26 26 26 38.5 1.01E-109 6280500 2305300 149450000 301870000 39768000 22765000 8392600
1420700 0 0 482640 485070 56932000 490080000 2529300 0 0 0 0 0 0 0 0 0 0 0 57349000 11829000 0 0 0 0 0 0 0 0 0 0 0 0 305

O60506 O60506 Heterogeneous nuclear ribonucleoprotein Q SYNCRIP >sp|O60506|HNRPQ_HUMAN Heterogeneous nuclear ribonucleoprotein Q OS=Homo sapiens GN=SYNCRIP PE=1 SV=2 1 31 31 24 56.3 0 17925000 1644200 9578100 12383000 231910000 778310000 90759000 199940000
18232000 3291400 0 0 38365000 18249000 4433100000 1223100000 134870000 145060000 3403600 0 0 4884900 98833000 0 10688000 1874900000 13279000 40758000 32749000 64418000 0 1303000 38983000 0 3966000000 5034000000 2976200000
127760000 18702000 6887700 306

O60518 O60518 Ran-binding protein 6 RANBP6 >sp|O60518|RNBP6_HUMAN Ran-binding protein 6 OS=Homo sapiens GN=RANBP6 PE=1 SV=2 1 6 4 4 7.4 5.70E-24 0 209720 10714000 16313000 4901900 5106500 0 0 0 0 0 0 7184100 9541800 1157000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 307

O60524 O60524 Nuclear export mediator factor NEMF NEMF >sp|O60524|NEMF_HUMAN Nuclear export mediator factor NEMF OS=Homo sapiens GN=NEMF PE=1 SV=4 1 20 20 20 21 1.67E-56 2539600 949880 8547300 1687600 1158200 1678600 0 0 0 0 0 0 108470000 22024000 0 0
1319800 0 0 0 0 0 0 1513400 0 0 0 85490000 0 0 0 0 0 2086300 0 0 110400000 20362000 14475000 308

O60547 O60547 "GDP-mannose 4,6 dehydratase" GMDS ">sp|O60547|GMDS_HUMAN GDP-mannose 4,6 dehydratase OS=Homo sapiens GN=GMDS PE=1 SV=1" 1 13 13 13 38.4 1.60E-37 0 0 0 0 0 1124100 43861000 32514000 0 0 0 0 0 0 0 0 0 102130000 2719900 0 0
0 0 0 0 0 0 0 76629000 2611200 0 0 0 0 0 0 0 1837800 741020000 112640000 494760000 309

O60551 O60551 Glycylpeptide N-tetradecanoyltransferase 2 NMT2 >sp|O60551|NMT2_HUMAN Glycylpeptide N-tetradecanoyltransferase 2 OS=Homo sapiens GN=NMT2 PE=1 SV=1 1 10 6 6 21.9 5.58E-58 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
4106900 0 0 0 0 0 0 0 0 0 69817000 551050 0 0 0 0 0 310

O60568 O60568 "Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3" PLOD3 ">sp|O60568|PLOD3_HUMAN Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 OS=Homo sapiens GN=PLOD3 PE=1 SV=1" 1 14 14 14 26 4.45E-52 0 0 246350 409690 8034100 0 0 0 0 0 0 0 0 0 0
6844200 0 0 0 0 0 0 0 0 0 0 0 560940 159870000 0 0 0 0 0 0 0 0 1208900 19290000 116590000 3387800 311

O60610 O60610 Protein diaphanous homolog 1 DIAPH1 >sp|O60610|DIAP1_HUMAN Protein diaphanous homolog 1 OS=Homo sapiens GN=DIAPH1 PE=1 SV=2 1 35 35 35 32.1 5.75E-184 3159600 13209000 395550000 65843000 20189000 14696000 1769100 0 0 1731900 648680
4470600 268440000 2158400 686900 0 0 0 902520 0 0 0 0 0 0 0 0 210220000 405480000 215420000 0 3240800 0 0 0 0 0 15569000 14862000 70045000 312

O60613 O60613 15 kDa selenoprotein Sep-15 >sp|O60613|SEP15_HUMAN 15 kDa selenoprotein OS=Homo sapiens GN=SEP15 PE=1 SV=3 1 4 4 4 30.9 4.52E-49 0 0 0 0 0 0 0 0 0 365390 45529000 0 0 0 0 0 0 0 0 0 137670000 0 0 0 0 0 0 0
0 0 42930000 0 0 0 0 0 0 0 0 0 73021000 313

O60664 O60664 Perilipin-3 PLIN3 >sp|O60664|PLIN3_HUMAN Perilipin-3 OS=Homo sapiens GN=PLIN3 PE=1 SV=3 1 18 18 18 60.8 1.77E-168 0 0 0 0 1334400 53675000 455590000 23052000 2647900 2008400 0 0 0 0 0 70791000 1499400000 4026800 0
2634400 0 0 0 0 25637000 62044000 4072700 3460200 209680000 43272000 0 0 0 0 5424700 76612000 51766000 39893000 247800000 1357600000 314

O60671 O60671 Cell cycle checkpoint protein RAD1 RAD1 >sp|O60671|RAD1_HUMAN Cell cycle checkpoint protein RAD1 OS=Homo sapiens GN=RAD1 PE=1 SV=1 1 6 6 6 26.2 3.00E-22 22636000 2430300 502240 430750 538890 0 0 0 367250 527380 0 0 0 0 0 0 0
17139000 0 0 0 0 0 0 0 0 40832000 0 0 0 0 0 0 0 0 104200 15638000 43690000 0 0 0 0 315

O60678 O60678 Protein arginine N-methyltransferase 3 PRMT3 >sp|O60678|ANM3_HUMAN Protein arginine N-methyltransferase 3 OS=Homo sapiens GN=PRMT3 PE=1 SV=3 1 14 14 14 30.5 6.09E-44 212990000 5918300 3477800 2549200 3944600 21924000 2597200 0 0 0 0 0 0 0
52778000 41487000 0 0 0 0 0 0 0 0 0 0 0 19870000 0 0 0 0 0 0 0 0 2965000 6464900 146970000 0 0 316

O60684;O15131 O60684;O15131 Importin subunit alpha-7;Importin subunit alpha-6 KPNA6;KPNA5 >sp|O60684|IMA7_HUMAN Importin subunit alpha-7 OS=Homo sapiens GN=KPNA6 PE=1 SV=1;>sp|O15131|IMA6_HUMAN Importin subunit alpha-6 OS=Homo sapiens GN=KPNA5 PE=1 SV=2 2 6 6 2 13.8
9.19E-29 0 0 0 0 4430100 95777000 3205900 1978900 594050 0 0 0 0 0 0 126760000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 317

O60701 O60701 UDP-glucose 6-dehydrogenase UGDH >sp|O60701|UGDH_HUMAN UDP-glucose 6-dehydrogenase OS=Homo sapiens GN=UGDH PE=1 SV=1 1 38 38 38 76.1 0 115510000 10891000 14417000 18101000 95860000 1139400000 642320000 111560000 22488000
69111000 0 65036000 14460000 34897000 9648900 7667300000 126010000 31010000 0 46248000 0 0 0 0 0 1825600000 326700000 1022500000 306360000 0 0 0 0 1521800 42075000 10353000000 8626300000 4352400000 154250000 13462000
318

O60739 O60739 Eukaryotic translation initiation factor 1b EIF1B >sp|O60739|EIF1B_HUMAN Eukaryotic translation initiation factor 1b OS=Homo sapiens GN=EIF1B PE=1 SV=2 1 7 7 2 64.6 1.78E-117 0 0 0 0 0 0 0 0 0 3394400 175070000 1718600 0 0 0 0 0 0 0 0
1228000000 4222000 3574000 0 0 0 0 0 0 0 0 0 62791000 42028000 0 0 0 0 0 0 0 0 0 319

O60749 O60749 Sorting nexin-2 SNX2 >sp|O60749|SNX2_HUMAN Sorting nexin-2 OS=Homo sapiens GN=SNX2 PE=1 SV=2 1 21 21 19 44.9 3.24E-234 0 0 379340 4467800 85519000 260500000 74618000 8255100 4215600 2828200 0 0 581560 10799000 269140000 12716000
153620000 2461900 0 0 0 0 0 1641300 793750 35351000 131380000 418030000 376340000 1692800 0 0 0 803920 4795000 1408500000 2855300000 1518600000 66873000 129710000 320

O60763;REV__Q5VZ89 O60763 General vesicular transport factor p115 USO1 >sp|O60763|USO1_HUMAN General vesicular transport factor p115 OS=Homo sapiens GN=USO1 PE=1 SV=2 2 24 24 24 35.1 1.61E-155 0 416530 12527000 387640000 40027000 11016000 0 0 0 0 0 0
0 297310000 2120000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 23157000 0 0 0 0 0 0 0 0 0 1710600 104410000 321

O60783 O60783 "28S ribosomal protein S14, mitochondrial" MRPS14 ">sp|O60783|RT14_HUMAN 28S ribosomal protein S14, mitochondrial OS=Homo sapiens GN=MRPS14 PE=1 SV=1" 1 2 2 2 21.9 2.24E-07 0 0 0 0 0 0 0 0 0 27481000 7253700 0 0 0 0 0 0 0 0 0
6179300 21656000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 322

O60784 O60784 Target of Myb protein 1 TOM1 >sp|O60784|TOM1_HUMAN Target of Myb protein 1 OS=Homo sapiens GN=TOM1 PE=1 SV=2 1 8 8 8 30.9 8.72E-41 0 0 0 0 10161000 114680000 13626000 4092000 0 0 0 0 0 0 0 188390000 6449900 2250100 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 323

O60825;P16118 O60825 "6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2;6-phosphofructo-2-kinase;Fructose-2,6-bisphosphatase" PFKFB2 ">sp|O60825|F262_HUMAN 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 OS=Homo sapiens GN=PFKFB2 PE=1 SV=2" 2 25 25 21 52.9 4.83E-177 0 0 0 0
1925800 64862000 11798000 0 0 0 0 0 0 0 0 142060000 0 0 0 0 0 0 0 0 0 2063800 266380000 10562000 83787000 31334000 0 0 0 0 0 26825000 1357500000 90535000 53284000 12858000 0 324

O60832 O60832 H/ACA ribonucleoprotein complex subunit 4 DKC1 >sp|O60832|DKC1_HUMAN H/ACA ribonucleoprotein complex subunit 4 OS=Homo sapiens GN=DKC1 PE=1 SV=3 1 10 10 10 28 2.32E-39 19367000 912800 534740 1388000 1920500 10506000 1420900 0 0 0 0 0 0
0 0 134060000 4480800 0 0 0 0 0 0 0 17664000 2658300 462530 0 0 0 0 0 0 0 98493000 126880000 122480000 0 0 0 0 325

O60841 O60841 Eukaryotic translation initiation factor 5B EIF5B >sp|O60841|IF2P_HUMAN Eukaryotic translation initiation factor 5B OS=Homo sapiens GN=EIF5B PE=1 SV=4 1 48 48 48 42.4 1.46E-256 5461700 3552300 57426000 17293000 51345000 12154000 5547800 1429800 0 0 0
0 539140000 29399000 41101000 0 2569000 0 0 0 0 0 0 0 67198000 1424800000 0 0 0 0 4790000 0 13677000 7157400 2798400000 371060000 9113800 3892400 866320 1082500 326

O60869 O60869 Endothelial differentiation-related factor 1 EDF1 >sp|O60869|EDF1_HUMAN Endothelial differentiation-related factor 1 OS=Homo sapiens GN=EDF1 PE=1 SV=1 1 8 8 8 43.9 1.13E-24 0 0 0 0 0 0 0 741900 21912000 83462000 0 0 0 0 0 0 0 0
124650000 151300000 2613200 1320900 0 0 0 0 0 0 0 24605000 201570000 707040 413050 0 0 0 0 0 0 327

O60884 O60884 DnaJ homolog subfamily A member 2 DNAJA2 >sp|O60884|DNJA2_HUMAN DnaJ homolog subfamily A member 2 OS=Homo sapiens GN=DNAJA2 PE=1 SV=1 1 5 5 5 17.5 2.45E-12 0 0 0 0 0 7878300 45202000 1201500 3099800 0 0 0 0 0 0 8811900 41889000
2668800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 328

O60888 O60888 Protein CutA CUTA >sp|O60888|CUTA_HUMAN Protein CutA OS=Homo sapiens GN=CUTA PE=1 SV=2 1 7 7 7 49.2 6.89E-66 0 0 0 0 0 0 1182800 4482400 104240000 599660000 4086500 0 0 0 0 5740900 0 0 117950000 2457500000 0 73275000
252980000 0 0 0 0 0 0 0 0 126790000 268080000 2578500 0 0 0 0 0 0 329

O60911 O60911 Cathepsin L2 CTSL2 >sp|O60911|CATL2_HUMAN Cathepsin L2 OS=Homo sapiens GN=CTSV PE=1 SV=2 1 3 2 2 9.9 3.10E-17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4728700 0 0 0 0
0 0 0 0 330

O60925 O60925 Prefoldin subunit 1 PFDN1 >sp|O60925|PFD1_HUMAN Prefoldin subunit 1 OS=Homo sapiens GN=PFDN1 PE=1 SV=2 1 9 9 9 63.1 8.93E-43 0 0 0 0 0 0 0 3193900 24716000 533080000 1598800 0 0 0 0 0 0 0 2268300000 0 0 0 0 0
0 0 0 13853000 0 0 0 0 0 0 0 0 0 15429000 57265000 331

O60927 O60927 Protein phosphatase 1 regulatory subunit 11 PPP1R11 >sp|O60927|PP1RB_HUMAN Protein phosphatase 1 regulatory subunit 11 OS=Homo sapiens GN=PPP1R11 PE=1 SV=1 1 3 3 3 40.5 9.49E-10 0 0 0 0 0 0 0 4130400 6696900 0 0 0 0 0 0 0 0 0 73994000
0 0 0 0 0 0 0 0 0 0 0 0 1224100 0 0 0 0 0 0 0 0 332

O60936 O60936 Nucleolar protein 3 NOL3 >sp|O60936|NOL3_HUMAN Nucleolar protein 3 OS=Homo sapiens GN=NOL3 PE=1 SV=2 1 6 6 6 36.5 4.39E-22 0 0 0 0 0 0 0 48342000 12259000 27052000 0 0 0 0 0 0 0 70843000 57074000 21613000 0 0
0 0 1829700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 333

O60941 O60941 Dystrobrevin beta DTNB >sp|O60941|DTNB_HUMAN Dystrobrevin beta OS=Homo sapiens GN=DTNB PE=1 SV=1 1 2 2 2 2.9 7.42E-05 0 0 0 0 0 0 0 84307 14778000 1079000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 334

O75083 O75083 WD repeat-containing protein 1 WDR1 >sp|O75083|WDR1_HUMAN WD repeat-containing protein 1 OS=Homo sapiens GN=WDR1 PE=1 SV=4 1 39 39 39 76.6 0 1855600000 311020000 239570000 189790000 390520000 1845800000 257930000 165030000 96592000
65902000 64069000 12767000 25397000 47189000 240450000 9126400000 117620000 128730000 76842000 38143000 0 194400000 501270000 0 0 0 1015700 0 0 0 0 1092000000 6197600000 17246000 0 0 0 0 0 336

O75116 O75116 Rho-associated protein kinase 2 ROCK2 >sp|O75116|ROCK2_HUMAN Rho-associated protein kinase 2 OS=Homo sapiens GN=ROCK2 PE=1 SV=4 1 69 69 60 47 0 12119000 25889000 476580000 58906000 22625000 9607000 738990 0 0 0 15674000 13769000
1024000000 1563000 0 9062100 693580 0 0 0 0 0 0 0 0 0 0 0 170150000 0 0 0 0 0 0 0 0 0 2467100 856140000 337

O75131;Q96A23;O95741;Q9UBL6 O75131 Copine-3 CPNE3 >sp|O75131|CPNE3_HUMAN Copine-3 OS=Homo sapiens GN=CPNE3 PE=1 SV=1 4 19 19 18 39.9 4.25E-140 240620000 17928000 12086000 13708000 55967000 331140000 49657000 27999000 14801000 4611200
549120 0 0 2404300 11335000 597610000 31125000 1733100 0 3473000 0 0 0 0 0 0 86547000 142050000 1715700 0 0 0 0 0 0 0 2927400000 108470000 10871000 36784000 338

O75150 O75150 E3 ubiquitin-protein ligase BRE1B RNF40 >sp|O75150|BRE1B_HUMAN E3 ubiquitin-protein ligase BRE1B OS=Homo sapiens GN=RNF40 PE=1 SV=4 1 17 15 15 21.7 4.45E-55 0 326660 46044000 6377400 608440 2123400 0 0 0 0 0 391320 127300000 1029900 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 339

O75153;Q9Y5I4 O75153 Clustered mitochondria protein homolog CLUH >sp|O75153|CLU_HUMAN Clustered mitochondria protein homolog OS=Homo sapiens GN=CLUH PE=1 SV=2 2 46 46 46 45.1 1.54E-241 34804000 10759000 108220000 22936000 20213000 13618000 562360 0 0
0 125860 14105000 771510000 77857000 3030200 4567400 0 0 0 0 0 0 0 0 0 0 0 0 3242200 260980000 0 0 0 0 0 0 0 4153100 997800 2070700000 340

O75164 O75164 Lysine-specific demethylase 4A KDM4A >sp|O75164|KDM4A_HUMAN Lysine-specific demethylase 4A OS=Homo sapiens GN=KDM4A PE=1 SV=2 1 2 2 2 3.2 3.99E-06 0 0 0 292170 0 0 0 0 0 0 0 0 0 13687000 1576500 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 342

O75170 O75170 Serine/threonine-protein phosphatase 6 regulatory subunit 2 PPP6R2 >sp|O75170|PP6R2_HUMAN Serine/threonine-protein phosphatase 6 regulatory subunit 2 OS=Homo sapiens GN=PPP6R2 PE=1 SV=2 1 1 1 1 1.3 2.04E-06 0 0 3966000 4194800 1620700 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 343

O75175 O75175 CCR4-NOT transcription complex subunit 3 CNOT3 >sp|O75175|CNOT3_HUMAN CCR4-NOT transcription complex subunit 3 OS=Homo sapiens GN=CNOT3 PE=1 SV=1 1 4 4 4 3.3 1.26E-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
370670 0 0 0 0 0 0 0 146360000 0 0 0 0 0 0 344

O75179 O75179 Ankyrin repeat domain-containing protein 17 ANKRD17 >sp|O75179|ANR17_HUMAN Ankyrin repeat domain-containing protein 17 OS=Homo sapiens GN=ANKRD17 PE=1 SV=3 1 8 4 4 4 2.99E-27 0 417540 4855100 1666000 0 0 0 0 0 0 0 14631000 8548100
4086100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 345

O75191 O75191 Xylulose kinase XYLB >sp|O75191|XYLB_HUMAN Xylulose kinase OS=Homo sapiens GN=XYLB PE=1 SV=3 1 11 11 11 28.5 8.79E-138 0 0 0 0 0 0 0 0 0 0 0 0 0 37683000 0 0 0 0 0 0 0 81201000 1015400 0 0
0 0 0 0 931740 33857000 562960000 0 0 0 0 0 0 346

O75208 O75208 "Ubiquinone biosynthesis protein COQ9, mitochondrial" COQ9 ">sp|O75208|COQ9_HUMAN Ubiquinone biosynthesis protein COQ9, mitochondrial OS=Homo sapiens GN=COQ9 PE=1 SV=1" 1 2 2 2 6.3 3.41E-06 0 0 0 0 0 0 0 4837700 0 0 0 0 0 0 0 0 0 0
23264000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 347

O75223;M0QZK8 O75223;M0QZK8 Gamma-glutamylcyclotransferase GGCT >sp|O75223|GGCT_HUMAN Gamma-glutamylcyclotransferase OS=Homo sapiens GN=GGCT PE=1 SV=1;>tr|M0QZK8|M0QZK8_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=1 2 14 14 14 81.4 1.18E-131 60712000
4424900 2283400 0 699950 10349000 3624200 93076000 293310000 4290900 10455000 0 0 0 0 2020900 0 85410000 1556700000 29526000 98451000 6673700 0 0 0 0 0 0 0 0 981120000 12556000 6060300 12955000 6138300 6802000 0 0 0
0 348

O75312 O75312 Zinc finger protein ZPR1 ZNF259 >sp|O75312|ZPR1_HUMAN Zinc finger protein ZPR1 OS=Homo sapiens GN=ZPR1 PE=1 SV=1 1 13 13 13 37.7 4.21E-116 0 0 0 467710 8663300 76152000 9731400 6639500 0 0 0 0 0 0 5697600 120040000 0 746960 0 0
0 0 0 1343300 36193000 10015000 62656000 193900000 73760000 32535000 0 0 0 0 0 5524200 271560000 168420000 7632300 0 349

O75323 O75323 Protein NipSnap homolog 2 GBAS >sp|O75323|NIPS2_HUMAN Protein NipSnap homolog 2 OS=Homo sapiens GN=GBAS PE=1 SV=1 1 3 3 3 16.4 1.77E-12 0 0 0 0 0 0 0 0 23443000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 350

O75340 O75340 Programmed cell death protein 6 PDCD6 >sp|O75340|PDCD6_HUMAN Programmed cell death protein 6 OS=Homo sapiens GN=PDCD6 PE=1 SV=1 1 12 12 12 68.1 2.57E-83 0 0 0 0 0 0 1494500 6452600 1323900000 75820000 0 0 0 0 0 0 0 0 7069100
1876700000 18345000 0 0 0 0 0 0 0 0 0 0 7460000 0 0 0 0 0 0 0 0 0 32359000 351

O75342 O75342 "Arachidonate 12-lipoxygenase, 12R-type" ALOX12B ">sp|O75342|LX12B_HUMAN Arachidonate 12-lipoxygenase, 12R-type OS=Homo sapiens GN=ALOX12B PE=1 SV=1" 1 1 1 1 1.7 0.00056298 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 352

O75347 O75347 Tubulin-specific chaperone A TBCA >sp|O75347|TBCA_HUMAN Tubulin-specific chaperone A OS=Homo sapiens GN=TBCA PE=1 SV=3 1 15 15 15 63.9 4.40E-85 421690 259860 0 0 0 0 909880 17967000 330530000 904120000 11089000 698730 0 0 0 0 0 0
144390000 3740500000 0 66098000 371320000 14393000 48708000 91148000 367630 0 0 0 0 317810000 403090000 294050000 313430000 186670000 69244000 132520000 1142000 0 353

O75348;F2Z307;O95670 O75348 V-type proton ATPase subunit G 1 ATP6V1G1 >sp|O75348|VATG1_HUMAN V-type proton ATPase subunit G 1 OS=Homo sapiens GN=ATP6V1G1 PE=1 SV=3 3 5 5 5 42.4 1.98E-146 0 0 0 0 0 0 0 0 0 79630000 46354000 0 0 0 0 0 0
0 0 36444000 328840000 0 0 0 0 0 0 0 0 0 0 403040000 0 0 0 0 0 0 0 0 0 3746200 1077300000 354

O75351;Q6PIW4 O75351 Vacuolar protein sorting-associated protein 4B VPS4B >sp|O75351|VPS4B_HUMAN Vacuolar protein sorting-associated protein 4B OS=Homo sapiens GN=VPS4B PE=1 SV=2 2 13 13 9 34.2 3.51E-43 0 0 0 1737200 3561500 57894000 68682000 7985500 578820 0 0 0
0 0 0 134950000 0 0 0 0 0 0 0 0 0 0 58816000 413230000 8854600 0 0 0 0 0 0 0 290350000 20361000 0 355

O75367 O75367 Core histone macro-H2A.1 H2AFY >sp|O75367|H2AY_HUMAN Core histone macro-H2A.1 OS=Homo sapiens GN=H2AFY PE=1 SV=4 1 2 2 2 13.2 9.82E-12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 356

O75368 O75368 SH3 domain-binding glutamic acid-rich-like protein SH3BGRL >sp|O75368|SH3L1_HUMAN SH3 domain-binding glutamic acid-rich-like protein OS=Homo sapiens GN=SH3BGRL PE=1 SV=1 1 13 13 13 85.1 6.04E-98 1426600 0 0 0 0 0 0 0 25784000 704030000 5471600 0
0 0 0 0 0 0 3091700000 464960000 0 0 0 0 0 0 0 0 257920000 0 0 0 0 0 0 0 0 0 357
O75369 O75369 Filamin-B FLNB >sp|O75369|FLNB_HUMAN Filamin-B OS=Homo sapiens GN=FLNB PE=1 SV=21 169 169 151 76.8 0 1088900000 8906200000 7274100000 2604100000 1977700000 1250700000 325650000 299420000 175650000 141270000 228970000 62557000000
10152000000 2893600000 633460000 145030000 112620000 188570000 172110000 49667000 0 0 0 15515000 2493200 288660000 272850000 547890000 139270000 95628000 0 0 0 0 21809000 4002600000 4462700000 1394600000 332510000 301690000
358
O75376 O75376 Nuclear receptor corepressor 1 NCOR1 >sp|O75376|NCOR1_HUMAN Nuclear receptor corepressor 1 OS=Homo sapiens GN=NCOR1 PE=1 SV=2 1 3 3 3 1.6 2.72E-08 0 1236700 606500 0 0 23446000 0 0 0 0 0 3033600 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 359
O75380 O75380 "NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial" NDUFS6 ">sp|O75380|NDUS6_HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial OS=Homo sapiens GN=NDUFS6 PE=1 SV=1" 1 2 2 2 29 6.56E-07 0 0 0 0 0 0 0 0 0 0 0
3345600 0 0 0 0 0 0 0 0 0 24400000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 360
O75390 O75390 "Citrate synthase, mitochondrial" CS ">sp|O75390|CISY_HUMAN Citrate synthase, mitochondrial OS=Homo sapiens GN=CS PE=1 SV=2" 1 26 26 25 57.1 3.25E-234 1654500 6763000 5655600 2341700 8099300 43994000 1916800000 304870000 87961000 137530000 1670800 0 0
0 0 10871000 6390700000 85277000 21353000 28186000 0 0 13092000 790380000 15447000 0 0 0 0 0 0 241550 1185500000 531990000 1358900 853880 0 0 0 0 361
O75391 O75391 Sperm-associated antigen 7 SPAG7 >sp|O75391|SPAG7_HUMAN Sperm-associated antigen 7 OS=Homo sapiens GN=SPAG7 PE=1 SV=2 1 9 9 9 50.2 2.54E-60 0 0 0 0 0 0 0 91916000 4646800 12176000 0 0 0 0 0 0 0 132840000 13475000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 44791000 8847200 0 0 0 0 0 0 362
O75394 O75394 "39S ribosomal protein L33, mitochondrial" MRPL33 ">sp|O75394|RM33_HUMAN 39S ribosomal protein L33, mitochondrial OS=Homo sapiens GN=MRPL33 PE=1 SV=1" 1 2 2 2 38.5 1.84E-51 0 0 0 0 0 0 0 0 0 0 14547000 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 28164000 0 0 0 0 0 0 0 0 0 363
O75396 O75396 Vesicle-trafficking protein SEC22b SEC22B >sp|O75396|SC22B_HUMAN Vesicle-trafficking protein SEC22b OS=Homo sapiens GN=SEC22B PE=1 SV=4 1 2 2 2 8.4 2.81E-14 0 0 0 0 0 0 0 0 0 0 385790 0 0 0 0 0 0 0 0 6481900 1618600 0 0
385520 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 364
O75414 O75414 Nucleoside diphosphate kinase 6 NME6 >sp|O75414|NDK6_HUMAN Nucleoside diphosphate kinase 6 OS=Homo sapiens GN=NME6 PE=1 SV=3 1 6 6 6 37.6 1.93E-14 0 0 0 0 0 0 0 0 0 14166000 0 0 0 5245700 0 0 0 0 0 9351900 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 178670 0 365
O75419 O75419 Cell division control protein 45 homolog CDC45 >sp|O75419|CDC45_HUMAN Cell division control protein 45 homolog OS=Homo sapiens GN=CDC45 PE=1 SV=1 1 7 7 7 15.5 1.55E-26 35416000 1856000 1690600 2926600 7962600 0 0 0 0 0 0 0 925600 2130500
9705200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 366
O75436 O75436 Vacuolar protein sorting-associated protein 26A VPS26A >sp|O75436|VP26A_HUMAN Vacuolar protein sorting-associated protein 26A OS=Homo sapiens GN=VPS26A PE=1 SV=2 1 20 20 18 64.5 1.57E-137 256530000 13002000 5501600 3727200 9123000 15019000 70269000
53171000 14774000 1943700 8200500 0 0 0 0 0 1312700000 62817000 13636000 923630 0 0 4712300 0 0 0 0 27934000 3098900000 2513300 0 0 206100000 0 0 0 0 754420000 305150000 3991100 367
O75439 O75439 Mitochondrial-processing peptidase subunit beta PMPCB >sp|O75439|MPPB_HUMAN Mitochondrial-processing peptidase subunit beta OS=Homo sapiens GN=PMPCB PE=1 SV=2 1 17 17 16 45 3.21E-101 0 0 0 0 1307800 23905000 235170000 3994100 4649400 3057000 0 0
0 0 0 5407400 543650000 0 0 2000200 0 0 0 0 0 0 0 0 552750 0 0 0 0 0 0 0 0 0 25890000 209300000 368
O75459 O75459 P antigen family member 1 PAGE1 >sp|O75459|PAGE1_HUMAN P antigen family member 1 OS=Homo sapiens GN=PAGE1 PE=1 SV=2 1 1 1 1 13 1.04E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 369
O75475 O75475 PC4 and SFRS1-interacting protein PSIP1 >sp|O75475|PSIP1_HUMAN PC4 and SFRS1-interacting protein OS=Homo sapiens GN=PSIP1 PE=1 SV=1 1 7 5 5 13.4 2.31E-23 23079000 2819600 25944000 8105400 6399300 0 0 0 0 0 0 0 207060000 7304700 1116700 0
0 0 0 441100 0 0 0 0 0 0 0 0 0 41254000 2240400 0 0 0 0 0 0 0 0 0 0 370
O75489 O75489 "NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial" NDUFS3 ">sp|O75489|NDUS3_HUMAN NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial OS=Homo sapiens GN=NDUFS3 PE=1 SV=1" 1 3 3 3 11.7 6.21E-09 0 0 0 0 0 0 0 0 37266000
2802700 0 0 0 0 0 0 0 0 16247000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 371
O75494;Q8WXF0 O75494 Serine/arginine-rich splicing factor 10 SRSF10 >sp|O75494|SRS10_HUMAN Serine/arginine-rich splicing factor 10 OS=Homo sapiens GN=SRSF10 PE=1 SV=1 2 4 4 4 13.4 2.23E-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
734670 12746000 0 0 0 0 0 0 0 0 5554600 0 0 0 0 0 0 0 0 372
O75503 O75503 Ceroid-lipofuscinosis neuronal protein 5 CLN5 >sp|O75503|CLN5_HUMAN Ceroid-lipofuscinosis neuronal protein 5 OS=Homo sapiens GN=CLN5 PE=1 SV=2 1 4 4 4 10.1 4.24E-09 0 174380 0 0 0 6495800 0 0 0 0 0 6634900 1781600 0 0 17001000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2028300 3681500 0 0 373
O75506 O75506 Heat shock factor-binding protein 1 HSBP1 >sp|O75506|HSBP1_HUMAN Heat shock factor-binding protein 1 OS=Homo sapiens GN=HSBP1 PE=1 SV=1 1 4 4 4 72.4 2.98E-59 0 0 0 0 0 0 0 0 276690 143370000 0 0 0 0 0 0 0 0 0 706020000 0
0 0 0 0 0 0 31489000 0 0 0 0 0 0 0 0 0 0 374
O75521 O75521 "Enoyl-CoA delta isomerase 2, mitochondrial" ECI2 ">sp|O75521|ECI2_HUMAN Enoyl-CoA delta isomerase 2, mitochondrial OS=Homo sapiens GN=ECI2 PE=1 SV=4" 1 8 8 8 28.4 2.42E-40 0 0 0 0 0 0 8503600 2458300 0 0 0 0 0 0 0 13705000 0 0
0 0 0 0 0 0 0 0 262440000 0 0 0 0 0 0 0 0 0 375
O75531 O75531 Barrier-to-autointegration factor BANF1 >sp|O75531|BAF_HUMAN Barrier-to-autointegration factor OS=Homo sapiens GN=BANF1 PE=1 SV=1 1 3 3 3 27 1.06E-19 0 0 0 0 0 0 0 0 0 5041800 0 0 0 0 0 0 0 0 0 0 80076000 133690000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 376
O75533 O75533 Splicing factor 3B subunit 1 SF3B1 >sp|O75533|SF3B1_HUMAN Splicing factor 3B subunit 1 OS=Homo sapiens GN=SF3B1 PE=1 SV=3 1 42 42 42 43.1 9.51E-160 863850 1882700 294590000 119740000 24037000 6196400 0 0 0 0 0 172550 887330000 102490000 0
0 8201500 403880 0 0 0 0 0 0 0 0 0 0 0 16103000 0 0 0 0 0 758620 0 0 38892 481150 377
O75534 O75534 Cold shock domain-containing protein E1 CSDE1 >sp|O75534|CSDE1_HUMAN Cold shock domain-containing protein E1 OS=Homo sapiens GN=CSDE1 PE=1 SV=2 1 25 25 25 33.2 6.12E-123 81574000 10775000 16766000 85852000 54952000 42332000 789610 608710
2502000 2387900 560970 488120 2349600 1368200000 102430000 7579100 3575000 4048100 3427700 2221700 0 0 0 0 1570600 1331700 946740 94763000 2624100 0 0 0 0 0 0 7832800 2580100 5219400 6434300 4837200 378
O75569 O75569 Interferon-inducible double stranded RNA-dependent protein kinase activator A PRKRA >sp|O75569|PRKRA_HUMAN Interferon-inducible double-stranded RNA-dependent protein kinase activator A OS=Homo sapiens GN=PRKRA PE=1 SV=1 1 2 2 2 8.6 1.04E-23 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 18072000 573150 0 0 0 0 0 0 0 0 7414900 0 379
O75607 O75607 Nucleoplasmin-3 NPM3 >sp|O75607|NPM3_HUMAN Nucleoplasmin-3 OS=Homo sapiens GN=NPM3 PE=1 SV=3 1 4 4 4 41 4.83E-59 0 0 0 0 0 0 0 9153400 64297000 0 0 0 0 0 0 0 0 0 0 305370000 1396500 15053000 8663400 0 0 0
0 0 0 0 232200000 34320000 1577900 1320900 0 0 0 0 0 0 380
O75608 O75608 Acyl-protein thioesterase 1 LYPLA1 >sp|O75608|LYPA1_HUMAN Acyl-protein thioesterase 1 OS=Homo sapiens GN=LYPLA1 PE=1 SV=1 1 7 7 7 49.1 1.22E-75 0 0 0 0 0 0 1011700 30342000 143870000 14819000 0 0 0 0 0 0 0 2487500 111710000
9971600 0 0 0 0 0 0 0 0 0 494610000 0 0 0 0 0 0 0 0 0 0 0 1507400000 381
O75616 O75616 "GTPase Era, mitochondrial" ERAL1 ">sp|O75616|ERAL1_HUMAN GTPase Era, mitochondrial OS=Homo sapiens GN=ERAL1 PE=1 SV=2" 1 5 5 5 15.8 6.65E-14 0 0 0 0 0 0 0 35417000 1679600 0 0 0 0 0 0 0 0 79074000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 382
O75643 O75643 U5 small nuclear ribonucleoprotein 200 kDa helicase SNRNP200 >sp|O75643|U520_HUMAN U5 small nuclear ribonucleoprotein 200 kDa helicase OS=Homo sapiens GN=SNRNP200 PE=1 SV=2 1 68 68 68 40.6 0 212130000 62548000 11528000 2618800 1446300 0 0 0 0 0
1929900 1400500000 26307000 1099400 0 0 0 0 0 0 0 0 0 0 0 0 0 89865000 0 0 0 0 0 0 0 47974000 6345200 162700000 383
O75663 O75663 TIP41-like protein TIPRL >sp|O75663|TIPRL_HUMAN TIP41-like protein OS=Homo sapiens GN=TIPRL PE=1 SV=2 1 17 17 17 66.2 9.78E-105 0 0 0 0 0 0 927370 288220000 1871900 0 0 0 0 0 0 0 0 299450000 0 0 0 0 0 1283000
245560000 94481000 0 0 0 0 0 5713500 3009100 2547000 1448900000 324830000 48744000 41316000 4375300 0 384
O75688 O75688 Protein phosphatase 1B PPM1B >sp|O75688|PPM1B_HUMAN Protein phosphatase 1B OS=Homo sapiens GN=PPM1B PE=1 SV=1 1 14 14 10 38.4 3.66E-79 0 0 0 0 2345700 20935000 8921200 1275800 0 452110 0 0 0 14224000 0 29777000 104120000 0 0
20509000 0 0 0 0 0 0 0 0 102710000 392170000 0 0 0 0 0 0 0 0 0 187780000 822970000 385
O75691 O75691 Small subunit processome component 20 homolog UTP20 >sp|O75691|UTP20_HUMAN Small subunit processome component 20 homolog OS=Homo sapiens GN=UTP20 PE=1 SV=3 1 5 5 5 2.5 1.06E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 38012000 0 0 0 0 0 0 0 0 520670 386
O75694 O75694 Nuclear pore complex protein Nup155 NUP155 >sp|O75694|NU155_HUMAN Nuclear pore complex protein Nup155 OS=Homo sapiens GN=NUP155 PE=1 SV=1 1 20 20 20 20.3 1.06E-72 27851000 6236800 28979000 10341000 4866200 765890 0 0 0 0 0 0 232810000
7559400 0 0 0 0 0 0 0 0 0 0 0 401560 0 0 0 0 0 0 0 0 0 0 4887300 20679000 13250000 387
O75717 O75717 WD repeat and HMG-box DNA-binding protein 1 WDHD1 >sp|O75717|WDHD1_HUMAN WD repeat and HMG-box DNA-binding protein 1 OS=Homo sapiens GN=WDHD1 PE=1 SV=1 1 24 24 24 25.2 1.49E-175 11698000 2237100 32080000 52679000 116970000 11992000
4937800 1861300 0 2088000 0 0 189330000 201650000 169630000 0 0 0 1037900 827850 0 0 193980 0 0 0 0 0 0 6385000 0 12001000 5595200 0 0 0 0 0 867070 22372000 388
O75718 O75718 Cartilage-associated protein CRTAP >sp|O75718|CRTAP_HUMAN Cartilage-associated protein OS=Homo sapiens GN=CRTAP PE=1 SV=1 1 8 8 8 20.2 2.75E-29 0 0 0 0 1154900 24229000 239840000 10830000 0 0 0 0 0 0 0 5809900 529420000 0
3283800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 389
O75792 O75792 Ribonuclease H2 subunit A RNASEH2A >sp|O75792|RNH2A_HUMAN Ribonuclease H2 subunit A OS=Homo sapiens GN=RNASEH2A PE=1 SV=2 1 7 7 7 25.8 2.32E-26 0 0 0 0 0 0 0 23364000 0 5317400 0 0 0 0 0 0 0 0 19143000 0 0 0 0
0 120150000 884630 0 0 0 0 0 0 0 0 13611000 0 0 0 0 0 0 0 390
O75794 O75794 Cell division cycle protein 123 homolog CDC123 >sp|O75794|CD123_HUMAN Cell division cycle protein 123 homolog OS=Homo sapiens GN=CDC123 PE=1 SV=1 1 5 5 5 17.9 5.36E-33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
319090 45286000 3276800 2564400 0 0 0 0 0 0 50861000 39395000 0 0 0 0 0 391
O75817 O75817 Ribonuclease P protein subunit p20 POP7 >sp|O75817|POP7_HUMAN Ribonuclease P protein subunit p20 OS=Homo sapiens GN=POP7 PE=1 SV=2 1 3 3 3 31.4 2.11E-11 0 0 0 0 0 0 0 0 40285000 1598800 0 0 0 0 0 0 0 0 100180000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5918800 10237000 17760000 0 392
O75818 O75818 Ribonuclease P protein subunit p40 RPP40 >sp|O75818|RPP40_HUMAN Ribonuclease P protein subunit p40 OS=Homo sapiens GN=RPP40 PE=1 SV=3 1 4 4 4 12.9 1.07E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 79190000 0 0 0 0 0
0 0 0 6533200 0 0 0 0 0 0 0 0 0 6671800 1455300 0 393
O75821 O75821 Eukaryotic translation initiation factor 3 subunit G EIF3G >sp|O75821|EIF3G_HUMAN Eukaryotic translation initiation factor 3 subunit G OS=Homo sapiens GN=EIF3G PE=1 SV=2 1 17 17 17 51.2 3.18E-136 0 0 376800 717740 1035100 5954600 218260000 83759000 28375000
50695000 0 0 0 0 0 0 875280000 121220000 21656000 26942000 0 0 0 0 0 6888200 0 1254900 667440000 8558100 2469100 47465000 0 1334800 13243000 42954000 0 7962600 418960000 76275000 394
O75822 O75822 Eukaryotic translation initiation factor 3 subunit J EIF3J >sp|O75822|EIF3J_HUMAN Eukaryotic translation initiation factor 3 subunit J OS=Homo sapiens GN=EIF3J PE=1 SV=2 1 20 20 20 69.8 1.54E-154 697660 962710 810440 904990 2810900 21947000 21132000 248910000
789500 0 0 0 0 0 0 78382000 681640000 5048200 278390 0 0 0 489350000 1258400 3715100 0 0 0 0 0 0 406000 1787700000 0 0 0 0 0 0 395
O75828 O75828 Carbonyl reductase [NADPH] 3 CBR3 >sp|O75828|CBR3_HUMAN Carbonyl reductase [NADPH] 3 OS=Homo sapiens GN=CBR3 PE=1 SV=3 1 16 14 14 71.5 3.27E-122 0 0 0 0 0 1910600 2412500 263300000 38971000 2718900 0 0 0 0 0 0 0 513750000
21591000 2251800 0 10307000 0 0 0 0 0 0 0 3858600 0 0 0 0 0 0 0 0 0 396
O75832 O75832 26S proteasome non-ATPase regulatory subunit 10 PSMD10 >sp|O75832|PSD10_HUMAN 26S proteasome non-ATPase regulatory subunit 10 OS=Homo sapiens GN=PSMD10 PE=1 SV=1 1 8 8 8 48.7 1.61E-29 0 0 0 0 0 0 0 17341000 134090000 12275000 0 0 0 0
0 0 0 10974000 334140000 8685000 0 0 0 3201000 0 0 0 0 0 0 0 0 0 0 59435000 26337000 0 0 0 0 27248000 397
O75874 O75874 Isocitrate dehydrogenase [NADP] cytoplasmic IDH1 >sp|O75874|IDHC_HUMAN Isocitrate dehydrogenase [NADP] cytoplasmic OS=Homo sapiens GN=IDH1 PE=1 SV=2 1 31 31 29 72.7 3.70E-273 683600 118270 1761400 5798300 22173000 196080000 1893600000 211500000
34840000 27756000 2042900 0 0 1804400 2503600 24015000 6714100000 53614000 43606000 18371000 0 0 0 957700000 165400000 78461 0 0 0 13157000 0 0 651470 5503100000 173300000 42228000 14460000 6725300 3567900 10417000
398
O75879 O75879 "Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial" PET112 ">sp|O75879|GATB_HUMAN Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial OS=Homo sapiens GN=GATB PE=1 SV=1" 1 2 2 2 7.7 3.90E-17 0 0 0 0 0 5829000 0 0 0 0 0 0 0
0 0 32897000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 399
O75884 O75884 Putative hydrolase RBBP9 RBBP9 >sp|O75884|RBBP9_HUMAN Putative hydrolase RBBP9 OS=Homo sapiens GN=RBBP9 PE=1 SV=2 1 5 5 5 28.5 7.88E-22 5774400 1052100 0 0 0 0 0 0 0 601080 0 0 0 0 0 0 0 12591000 0 201680000 0 0
0 0 0 0 0 0 0 124550000 0 0 0 0 0 0 0 0 0 400
O75897 O75897 Sulfotransferase 1C4 SULT1C4 >sp|O75897|ST1C4_HUMAN Sulfotransferase 1C4 OS=Homo sapiens GN=SULT1C4 PE=1 SV=2 1 2 2 2 7 8.67E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 40977000 17451000 10253000 0 0 0 0 401
O75909 O75909 Cyclin-K CCNK >sp|O75909|CCNK_HUMAN Cyclin-K OS=Homo sapiens GN=CCNK PE=1 SV=2 1 1 1 1 2.4 0.00028013 0 0 0 0 6189500 2781300 0 0 0 0 0 0 0 0 10897000 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 402
O75934 O75934 Pre-mRNA-splicing factor SPF27 BCAS2 >sp|O75934|SPF27_HUMAN Pre-mRNA-splicing factor SPF27 OS=Homo sapiens GN=BCAS2 PE=1 SV=1 1 3 3 3 17.8 8.92E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 104560000 403
O75935 O75935 Dynactin subunit 3 DCTN3 >sp|O75935|DCTN3_HUMAN Dynactin subunit 3 OS=Homo sapiens GN=DCTN3 PE=1 SV=1 1 5 5 5 23.1 1.60E-13 0 0 0 0 0 0 0 1252800 81891000 3133800 0 0 0 0 0 0 0 0 202060000 2621300 0 0 405520 0 0
0 0 0 0 107080000 0 0 0 0 0 0 0 0 0 0 75635000 404
O75937 O75937 DnaJ homolog subfamily C member 8 DNAJC8 >sp|O75937|DNJC8_HUMAN DnaJ homolog subfamily C member 8 OS=Homo sapiens GN=DNAJC8 PE=1 SV=2 1 14 14 14 46.2 1.77E-67 0 0 0 0 0 0 955220 220730000 14549000 6543500 0 0 0 0 0 0 0
1102400000 15731000 2083300 0 0 0 1835100 0 0 0 0 0 0 0 0 0 129920000 1858000 0 0 0 0 0 405
O75940 O75940 Survival of motor neuron-related-splicing factor 30 SMNDC1 >sp|O75940|SPF30_HUMAN Survival of motor neuron-related-splicing factor 30 OS=Homo sapiens GN=SMNDC1 PE=1 SV=1 1 3 3 3 21.4 7.45E-09 0 0 0 0 0 0 0 0 2122600 0 0 0 0 0 0 0 0 0
25384000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2294200 21859000 19780000 0 0 406
O75971 O75971 snRNA-activating protein complex subunit 5 SNAPC5 >sp|O75971|SNPC5_HUMAN snRNA-activating protein complex subunit 5 OS=Homo sapiens GN=SNAPC5 PE=1 SV=1 1 1 1 1 17.3 2.07E-18 0 0 0 0 0 0 0 0 0 782050 0 0 0 0 0 0 0 0 0 8429000 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 407
O76003 O76003 Glutaredoxin-3 GLRX3 >sp|O76003|GLRX3_HUMAN Glutaredoxin-3 OS=Homo sapiens GN=GLRX3 PE=1 SV=2 1 19 19 19 59.4 3.66E-109 0 0 0 250060 261490 1070600 292870000 349470000 25874000 18314000 2430200 0 0 0 0 1198000 1509700000
215060000 32009000 15737000 0 0 2150700 1018800000 195910000 48741000 140090 0 0 0 0 13904000 17270000 2934700000 329370000 19992000 10288000 11387000 0 0 409
O76021 O76021 Ribosomal L1 domain-containing protein 1 RSL1D1 >sp|O76021|RL1D1_HUMAN Ribosomal L1 domain-containing protein 1 OS=Homo sapiens GN=RSL1D1 PE=1 SV=3 1 10 10 10 19.8 2.64E-42 0 203370 362960 849020 6368000 34828000 7030900 0 0 0 0 0 0 0 0
257060000 47462000 0 0 0 0 0 0 0 0 0 0 0 4173600 153380000 0 0 0 0 0 0 0 0 0 0 0 410
O76031 O76031 "ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial" CLPX ">sp|O76031|CLPX_HUMAN ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial OS=Homo sapiens GN=CLPX PE=1 SV=2" 1 14 14 14 27.3 3.62E-51 0 0 0 236000 454570 9894100
676740 0 0 4007200 0 0 0 0 22382000 18720000 0 0 7653000 12409000 0 0 0 0 0 0 0 0 0 3547800 0 0 0 0 0 0 0 0 0 0 411
O76070;Q16143 O76070 Gamma-synuclein SNCG >sp|O76070|SYUG_HUMAN Gamma-synuclein OS=Homo sapiens GN=SNCG PE=1 SV=2 2 12 12 12 81.9 5.47E-54 0 0 0 0 0 0 0 0 67601000 588970000 3841900 0 0 0 0 0 0 0 65708000 2364000000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 412
O76071 O76071 Probable cytosolic iron-sulfur protein assembly protein CIAO1 CIAO1 >sp|O76071|CIAO1_HUMAN Probable cytosolic iron-sulfur protein assembly protein CIAO1 OS=Homo sapiens GN=CIAO1 PE=1 SV=1 1 10 10 10 36.3 2.50E-40 32033000 2446900 722060 803750 1098000 407030 1606800
2182800 0 0 0 0 0 0 0 21095000 10226000 0 0 0 0 11285000 0 0 0 0 0 0 0 0 0 476170 1160300 0 0 0 0 0 0 413
O76075 O76075 DNA fragmentation factor subunit beta DFFB >sp|O76075|DFFB_HUMAN DNA fragmentation factor subunit beta OS=Homo sapiens GN=DFFB PE=1 SV=1 1 4 4 4 13.6 3.43E-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
290670000 0 0 0 0 0 0 0 0 312930 201970000 2326400 0 0 0 0 414
O76094 O76094 Signal recognition particle subunit SRP72 SRP72 >sp|O76094|SRP72_HUMAN Signal recognition particle subunit SRP72 OS=Homo sapiens GN=SRP72 PE=1 SV=3 1 15 15 15 29.5 4.60E-67 0 0 1803600 4148200 125900000 39217000 0 0 0 0 0 0 0 571650000
5385400 3202200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 415
O77932 O77932 Decapping and exoribonuclease protein DOM3Z >sp|O77932|DXO_HUMAN Decapping and exoribonuclease protein OS=Homo sapiens GN=DXO PE=2 SV=2 1 1 1 1 5.1 2.92E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 416
O94760 O94760 "N(G),N(G)-dimethylarginine dimethylaminohydrolase 1" DDAH1 ">sp|O94760|DDAH1_HUMAN N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Homo sapiens GN=DDAH1 PE=1 SV=3" 1 23 23 22 78.2 2.65E-271 0 0 0 0 0 251150 1419900 173820000 2142200 0 0
0 0 0 0 0 3777000 223460000 0 0 856090000 0 1262900 27725000 0 0 0 0 0 0 2621400000 3890900 0 72870000 1210200 0 0 0 0 0 417
O94776;Q9BTC8;Q13330 O94776 Metastasis-associated protein MTA2 MTA2 >sp|O94776|MTA2_HUMAN Metastasis-associated protein MTA2 OS=Homo sapiens GN=MTA2 PE=1 SV=1 3 15 15 15 26 1.24E-68 0 0 212550 1028500 58558000 20868000 5324100 3793000 3621400 4272800 0
0 0 0 75157000 0 0 0 0 0 0 0 0 0 0 0 0 1812200 144860000 0 0 0 0 0 0 0 0 8553000 49493000 418
O94788 O94788 Retinal dehydrogenase 2 ALDH1A2 >sp|O94788|AL1A2_HUMAN Retinal dehydrogenase 2 OS=Homo sapiens GN=ALDH1A2 PE=1 SV=3 1 9 6 5 20.5 5.63E-27 0 0 392900 357610 4038600 63537000 1919800 510650 0 0 0 0 0 0 2425400 17764000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 419
O94808 O94808 Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2 GFPT2 >sp|O94808|GFPT2_HUMAN Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 2 OS=Homo sapiens GN=GFPT2 PE=1 SV=3 1 13 6 6 23.3 1.89E-121 0 0 0 0 7408300 10761000 0 0
0 0 0 0 0 0 98545000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 420
O94826 O94826 Mitochondrial import receptor subunit TOM70 TOMM70A >sp|O94826|TOM70_HUMAN Mitochondrial import receptor subunit TOM70 OS=Homo sapiens GN=TOMM70A PE=1 SV=1 1 2 2 2 3.8 1.63E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
41420000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2139700 421
O94855 O94855 Protein transport protein Sec24D SEC24D >sp|O94855|SC24D_HUMAN Protein transport protein Sec24D OS=Homo sapiens GN=SEC24D PE=1 SV=2 1 6 6 6 7.9 5.22E-14 1289600 230200 7748400 39537000 9336200 1005600 632430 0 0 0 0 0 2998700 50505000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 422
O94888 O94888 UBX domain-containing protein 7 UBXN7 >sp|O94888|UBXN7_HUMAN UBX domain-containing protein 7 OS=Homo sapiens GN=UBXN7 PE=1 SV=2 1 9 9 9 20.2 1.27E-44 0 0 0 0 1736200 21263000 8845000 2840000 435470 0 0 0 0 0 13405000
9087600 10250000 0 0 0 0 0 0 0 0 6024600 900920 154420000 740610 1460800 0 8658400 0 0 767950 2931500 148670000 74975000 22875000 9541500 423

O94903 O94903 Proline synthase co-transcribed bacterial homolog protein PROSC >sp|O94903|PROSC_HUMAN Proline synthase co-transcribed bacterial homolog protein OS=Homo sapiens GN=PROSC PE=1 SV=1 1 11 11 11 48 1.62E-82 0 0 0 0 0 1636000 1708700 175560000 1787500
0 0 0 0 0 0 4739900 11185000 284590000 0 0 0 210790000 87502000 0 0 0 0 0 0 0 0 0 223710000 230690000 1854900 0 0 0 0 0 0 0 424
O94906 O94906 Pre-mRNA-processing factor 6 PRPF6 >sp|O94906|PRP6_HUMAN Pre-mRNA-processing factor 6 OS=Homo sapiens GN=PRPF6 PE=1 SV=1 1 3 3 3 2.6 8.18E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 28166 0 0 0 0 0 0 0 0 1756300 26776000 17535000 0 0 0 0 425
O94925 O94925 "Glutaminase kidney isoform, mitochondrial" GLS ">sp|O94925|GLSK_HUMAN Glutaminase kidney isoform, mitochondrial OS=Homo sapiens GN=GLS PE=1 SV=1" 1 21 21 21 37.5 2.13E-88 41795000 2508200 28383000 11267000 53641000 824570000 72642000
26663000 1093700 0 145950 0 627200 0 19946000 1831800000 68954000 5377300 0 0 0 0 0 0 0 0 0 0 33472000 0 0 0 0 0 0 0 0 76138000 426
O94966 O94966 Ubiquitin carboxyl-terminal hydrolase 19 USP19 >sp|O94966|UBP19_HUMAN Ubiquitin carboxyl-terminal hydrolase 19 OS=Homo sapiens GN=USP19 PE=1 SV=2 1 1 1 1 1.4 4.73E-05 5200100 541220 0 2841700 866470 0 0 0 0 0 0 0 0 13461000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 427
O94973;O95782 O94973;O95782 AP-2 complex subunit alpha-2;AP-2 complex subunit alpha-1 AP2A2;AP2A1 >sp|O94973|AP2A2_HUMAN AP-2 complex subunit alpha-2 OS=Homo sapiens GN=AP2A2 PE=1 SV=2;>sp|O95782|AP2A1_HUMAN AP-2 complex subunit alpha-1 OS=Homo sapiens GN=AP2A1 PE=1 SV=3 2
2 2 2 2.1 1.94E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9100500 428
O94979 O94979 Protein transport protein Sec31A SEC31A >sp|O94979|SC31A_HUMAN Protein transport protein Sec31A OS=Homo sapiens GN=SEC31A PE=1 SV=3 1 32 32 32 30.2 9.42E-124 10917000 9235600 510950000 386710000 142660000 56605000 1794500 12668000
15146000 8863700 0 2464200 1728900000 808060000 60963000 2901700 0 0 0 0 4550500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3635800 429
O94992;Q96MH2 O94992 Protein HEXIM1 HEXIM1 >sp|O94992|HEXI1_HUMAN Protein HEXIM1 OS=Homo sapiens GN=HEXIM1 PE=1 SV=1 2 7 7 7 26.2 4.31E-23 0 0 0 0 6537800 35589000 5050200 705030 1422500 5061700 0 0 0 0 0 118260000 4682000 0
3964800 6094500 0 0 0 0 0 0 0 634520 0 0 0 0 0 0 0 0 0 0 0 0 0 430
O95049 O95049 Tight junction protein ZO-3 TJP3 >sp|O95049|ZO3_HUMAN Tight junction protein ZO-3 OS=Homo sapiens GN=TJP3 PE=1 SV=3 1 2 2 2 2.5 8.65E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 2561200 0 0 0 0 0 0 0 0 0 0 0 0 0 431
O95071 O95071 E3 ubiquitin-protein ligase UBR5 UBR5 >sp|O95071|UBR5_HUMAN E3 ubiquitin-protein ligase UBR5 OS=Homo sapiens GN=UBR5 PE=1 SV=2 1 33 33 33 16.6 1.94E-127 6741500 37753000 43548000 18961000 15965000 5686600 3954500 311740000 17631000 0
759820 252610000 23333000 13761000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 432
O95155 O95155 Ubiquitin conjugation factor E4 B UBE4B >sp|O95155|UBE4B_HUMAN Ubiquitin conjugation factor E4 B OS=Homo sapiens GN=UBE4B PE=1 SV=1 1 22 22 22 22.8 1.47E-72 832410 1479300 187860000 37108000 22870000 11728000 2781500 0 0 0 0 0
69186000 8865600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 434
O95163 O95163 Elongator complex protein 1 IKBKAP >sp|O95163|ELP1_HUMAN Elongator complex protein 1 OS=Homo sapiens GN=IKBKAP PE=1 SV=3 1 33 33 33 32.4 1.36E-137 283210000 47068000 31786000 14423000 5687600 3854000 898920 0 0 0 156060 0 597650000
31727000 9808700 0 0 0 0 0 0 0 0 0 0 0 7728800 0 0 0 0 0 0 0 0 0 0 0 0 435
O95166;Q9H0R8 O95166;Q9H0R8 Gamma-aminobutyric acid receptor-associated protein;Gamma-aminobutyric acid receptor-associated protein-like 1 GABARAP;GABARAPL1 >sp|O95166|GBRAP_HUMAN Gamma-aminobutyric acid receptor-associated protein OS=Homo sapiens GN=GABARAP PE=1
SV=1;>sp|Q9H0R8|GBRL1_HUMAN Gamma-aminobutyric acid receptor-associated protein-like 1 OS=Homo sapiens GN=GABARAPL1 PE=1 SV=1 2 3 2 2 19.7 7.88E-07 24992000 800350 260200 0 0 0 0 0 5629600 6564800 0 0 0 0 0 0 0 0 4077700 51643000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 16590000 0 0 0 0 0 436
O95197 O95197 Reticulon-3 RTN3 >sp|O95197|RTN3_HUMAN Reticulon-3 OS=Homo sapiens GN=RTN3 PE=1 SV=2 1 1 1 1 1.1 8.95E-05 25211000 1455100 667150 514110 687390 0 1483400 23514000 16217000 867400 1023800 0 1416200 0 0 0 0 84196000
29546000 1118600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 437
O95218 O95218 Zinc finger Ran-binding domain-containing protein 2 ZRANB2 >sp|O95218|ZRAB2_HUMAN Zinc finger Ran-binding domain-containing protein 2 OS=Homo sapiens GN=ZRANB2 PE=1 SV=2 1 8 8 8 28.8 8.05E-59 0 0 0 0 0 0 0 0 8694800 0 0 0 0 0 0 0 0
1684600 19428000 0 1037700 27436000 98604000 0 0 0 0 0 0 0 16932000 23548000 22796000 2563500 0 0 0 0 0 0 438
O95232 O95232 Luc7-like protein 3 LUC7L3 >sp|O95232|LC7L3_HUMAN Luc7-like protein 3 OS=Homo sapiens GN=LUC7L3 PE=1 SV=2 1 6 6 6 14.8 1.13E-47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9124600 0 0 0 0
0 0 0 16763000 172080000 0 0 0 439
O95260 O95260 Arginyl-tRNA--protein transferase 1 ATE1 >sp|O95260|ATE1_HUMAN Arginyl-tRNA--protein transferase 1 OS=Homo sapiens GN=ATE1 PE=1 SV=2 1 3 3 3 7.1 2.24E-08 0 0 0 0 959740 13337000 4279600 4593600 0 0 0 0 0 0 13557000 0 0
2144400 0 0 0 0 0 0 21283000 9407600 0 0 0 39139000 0 0 0 0 0 0 0 0 0 22777000 440
O95292 O95292 Vesicle-associated membrane protein-associated protein B/C VAPB >sp|O95292|VAPB_HUMAN Vesicle-associated membrane protein-associated protein B/C OS=Homo sapiens GN=VAPB PE=1 SV=3 1 2 1 1 10.7 5.31E-11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 16680000 0 6646200 0 0 0 0 0 0 0 441
O95302;Q75LS8 O95302 Peptidyl-prolyl cis-trans isomerase FKBP9 FKBP9 >sp|O95302|FKBP9_HUMAN Peptidyl-prolyl cis-trans isomerase FKBP9 OS=Homo sapiens GN=FKBP9 PE=1 SV=2 2 14 13 13 26.5 6.35E-33 523170 93695 808900 3849300 105350000 209730000 12757000 11376000 0 0
0 0 0 80316000 281150000 35684000 3891500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 442
O95336 O95336 6-phosphogluconolactonase PGLS >sp|O95336|6PGL_HUMAN 6-phosphogluconolactonase OS=Homo sapiens GN=PGLS PE=1 SV=2 1 14 14 14 87.6 2.65E-91 0 0 0 0 0 0 733240 870530000 8648100 22273000 4256700 0 0 0 0 0 0 1604500000 65365000
16617000 0 0 47980000 79185000 0 0 0 0 0 0 0 0 58317000 285820000 3296400 0 0 0 0 0 443
O95340 O95340 Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 2;Sulfate adenylyltransferase;Adenylyl-sulfate kinasePAPSS2 >sp|O95340|PAPS2_HUMAN Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 2 OS=Homo sapiens GN=PAPSS2 PE=1 SV=2 1 16 15 15 37.8 8.19E-69 0 0 0
248580 23550000 204420000 7416300 2975400 3967200 0 0 0 0 0 318830000 25733000 0 0 0 0 0 0 0 151930 0 0 0 0 0 0 0 0 5836100 16897000 2476800 0 0 0 444
O95347 O95347 Structural maintenance of chromosomes protein 2SMC2 >sp|O95347|SMC2_HUMAN Structural maintenance of chromosomes protein 2 OS=Homo sapiens GN=SMC2 PE=1 SV=2 1 39 39 39 36.4 2.69E-142 0 1580500 167120000 12972000 7467400 6178600 1094900 0 0 0 0
442580 513580000 4045100 0 0 8449600 15349000 0 0 0 0 0 0 0 0 179490000 95430000 0 0 0 0 0 0 0 0 139100000 292870000 445
O95352 O95352 Ubiquitin-like modifier-activating enzyme ATG7 ATG7 >sp|O95352|ATG7_HUMAN Ubiquitin-like modifier-activating enzyme ATG7 OS=Homo sapiens GN=ATG7 PE=1 SV=1 1 7 7 7 13.7 3.04E-38 0 0 2233700 7293600 91377000 41496000 1932800 1670400 0 0 0 0 0
8472600 228570000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 446
O95361;H0Y626;Q309B1 O95361;H0Y626;Q309B1 Tripartite motif-containing protein 16;Tripartite motif-containing protein 16-like protein TRIM16;TRIM16L >sp|O95361|TRI16_HUMAN Tripartite motif-containing protein 16 OS=Homo sapiens GN=TRIM16 PE=1 SV=3;>tr|H0Y626|H0Y626_HUMAN Uncharacterized protein
OS=Homo sapiens PE=4 SV=2;>sp|Q309B1|TR16L_HUMAN Tripartite motif-containing protein 16-like protein OS=Homo s 3 18 18 18 42.4 8.04E-60 233540000 18448000 15757000 7984800 24684000 18563000 0 0 0 0 2171800 0 0 0 522900000 17305000 7118600 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 447
O95372 O95372 Acyl-protein thioesterase 2 LYPLA2 >sp|O95372|LYPA2_HUMAN Acyl-protein thioesterase 2 OS=Homo sapiens GN=LYPLA2 PE=1 SV=1 1 8 8 8 48.1 9.10E-47 5637300 549200 3875900 103870000 67634000 0 20770000 34621000 42889000 21437000 0 0 0 0
0 0 0 4067900 28597000 2667500 0 0 0 0 0 0 0 81325000 2365400 0 0 0 0 0 0 0 0 205140 252180000 0 60497000 448
O95373 O95373 Importin-7 IPO7 >sp|O95373|IPO7_HUMAN Importin-7 OS=Homo sapiens GN=IPO7 PE=1 SV=1 1 33 33 32 38 1.33E-228 17562000 9658300 781900000 1659400000 455080000 223350000 112050000 91501000 92727000 51958000 1873000 19348000
789740000 1649200000 34202000 0 9842100 0 3658700 14545000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 449
O95376 O95376 E3 ubiquitin-protein ligase ARIH2 ARIH2 >sp|O95376|ARI2_HUMAN E3 ubiquitin-protein ligase ARIH2 OS=Homo sapiens GN=ARIH2 PE=1 SV=1 1 8 8 8 20.1 7.43E-34 0 0 0 1868600 2014700 16686000 0 0 0 0 0 0 0 0 0 1011000 0 0 0 0 0 0 0
0 0 114570 0 0 0 0 0 0 0 0 0 0 2928800 7226400 0 0 0 450
O95379 O95379 Tumor necrosis factor alpha-induced protein 8 TNFAIP8 >sp|O95379|TFIP8_HUMAN Tumor necrosis factor alpha-induced protein 8 OS=Homo sapiens GN=TNFAIP8 PE=1 SV=1 1 7 7 7 49.5 3.08E-27 0 0 0 0 0 0 0 0 0 16534000 0 0 0 0 0 0 0 0 0
82183000 0 0 0 24793000 3967700 0 0 0 0 0 0 0 0 0 33791000 1914400 0 0 0 0 0 0 0 451
O95394 O95394 Phosphoacetylglucosamine mutasePGM3 >sp|O95394|AGM1_HUMAN Phosphoacetylglucosamine mutase OS=Homo sapiens GN=PGM3 PE=1 SV=1 1 30 30 30 71.8 1.15E-214 0 0 238980 929930 10817000 437330000 6072900 6929300 0 0 0 0 0 0 319570000
349110000 1806200 0 0 0 0 0 9804500 474050000 0 0 0 0 0 0 0 0 3582000000 59033000 0 0 0 0 0 0 452
O95399 O95399 Urotensin-2 UTS2 >sp|O95399|UTS2_HUMAN Urotensin-2 OS=Homo sapiens GN=UTS2 PE=1 SV=1 1 2 2 2 18.5 4.82E-05 0 0 0 0 393810000 218360000 11788000 62492000 2218700 1011700 0 0 0 3778800 684910000 0 173300000 505810000 0
0 0 0 0 0 0 97879000 2365700 0 0 0 0 0 0 0 84920000 0 567290 23535000 25044000 50914000 453
O95429 O95429 BAG family molecular chaperone regulator 4 BAG4 >sp|O95429|BAG4_HUMAN BAG family molecular chaperone regulator 4 OS=Homo sapiens GN=BAG4 PE=1 SV=1 1 2 2 2 6.1 5.43E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 25040000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 454
O95433 O95433 Activator of 90 kDa heat shock protein ATPase homolog 1 AHSA1 >sp|O95433|AHSA1_HUMAN Activator of 90 kDa heat shock protein ATPase homolog 1 OS=Homo sapiens GN=AHSA1 PE=1 SV=1 1 15 15 15 44.7 5.45E-79 11861000 1240300 1430100 1536000 1977900 6556300 291160000
30782000 26058000 449790 0 0 0 0 0 0 0 360200000 5542600 6690500 0 0 1724600 815960 628030000 0 0 0 0 0 0 0 0 23014000 1723500000 1035800 0 0 0 0 0 0 455
O95453 O95453 Poly(A)-specific ribonuclease PARN PARN >sp|O95453|PARN_HUMAN Poly(A)-specific ribonuclease PARN OS=Homo sapiens GN=PARN PE=1 SV=1 1 5 5 5 8.1 6.94E-20 0 0 0 549520 4438200 1570800 0 0 0 0 0 0 0 0 28476000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 18361000 0 0 0 0 0 0 0 0 0 1543800 456
O95456 O95456 Proteasome assembly chaperone 1 PSMG1 >sp|O95456|PSMG1_HUMAN Proteasome assembly chaperone 1 OS=Homo sapiens GN=PSMG1 PE=1 SV=1 1 12 12 12 37.8 1.81E-46 20836000 2743000 1413400 959130 1603600 1546700 2150600 175820000 7862600 2959700 0 0 207520
120890 0 0 432890 371950000 0 0 0 0 0 0 6205400 353570000 70206000 104980000 136900000 244210000 0 0 0 0 5094500 227790000 122370000 20348000 6022700 466520000 457
O95466 O95466 Formin-like protein 1 FMNL1 >sp|O95466|FMNL1_HUMAN Formin-like protein 1 OS=Homo sapiens GN=FMNL1 PE=1 SV=3 1 2 2 2 2.7 2.99E-08 0 0 2410300 0 0 0 0 0 0 0 0 0 0 1129900 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 458
O95479 O95479 GDH/6PGL endoplasmic bifunctional protein;Glucose 1-dehydrogenase;6-phosphogluconolactonase H6PD >sp|O95479|G6PE_HUMAN GDH/6PGL endoplasmic bifunctional protein OS=Homo sapiens GN=H6PD PE=1 SV=2 1 9 9 9 15.5 2.41E-26 0 0 0 3316000 2497600 0 0 0 0 0
0 0 0 2639000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 137320000 0 0 459
O95486 O95486 Protein transport protein Sec24A SEC24A >sp|O95486|SC24A_HUMAN Protein transport protein Sec24A OS=Homo sapiens GN=SEC24A PE=1 SV=2 1 12 12 12 13.7 1.95E-47 15777000 1569900 58658000 45516000 17225000 4707000 1058800 0 0 0 0 0 142230000
84179000 3631000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 460
O95487 O95487 Protein transport protein Sec24B SEC24B >sp|O95487|SC24B_HUMAN Protein transport protein Sec24B OS=Homo sapiens GN=SEC24B PE=1 SV=2 1 2 2 2 2.2 4.66E-07 0 134640 1196000 0 0 0 0 0 0 0 0 0 2802500 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 461
O95544 O95544 NAD kinase NADK >sp|O95544|NADK_HUMAN NAD kinase OS=Homo sapiens GN=NADK PE=1 SV=1 1 2 2 2 5.8 6.57E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16313000 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 462
O95551 O95551 Tyrosyl-DNA phosphodiesterase 2TDP2 >sp|O95551|TYDP2_HUMAN Tyrosyl-DNA phosphodiesterase 2 OS=Homo sapiens GN=TDP2 PE=1 SV=1 1 3 3 3 8.6 1.37E-09 0 0 0 0 246920 1359600 2270500 0 0 0 0 0 0 0 0 6277200 0 0 0 0 0
0 0 0 0 35240 67898000 3109800 0 0 0 0 0 0 0 52714000 4922100 463
O95571 O95571 "Protein ETHE1, mitochondrial" ETHE1 ">sp|O95571|ETHE1_HUMAN Persulfide dioxygenase ETHE1, mitochondrial OS=Homo sapiens GN=ETHE1 PE=1 SV=2" 1 6 6 6 28.3 2.03E-21 0 0 0 0 0 0 0 0 9483300 4266500 0 0 0 0 0 0 0 85666000
23424000 0 0 0 0 0 0 0 0 16943000 0 0 0 0 0 0 0 0 9471400 472030 0 464
O95602 O95602 DNA-directed RNA polymerase I subunit RPA1 POLR1A >sp|O95602|RPA1_HUMAN DNA-directed RNA polymerase I subunit RPA1 OS=Homo sapiens GN=POLR1A PE=1 SV=2 1 8 8 8 7.1 1.45E-21 0 652390 1830100 744870 357870 0 0 0 0 0 0 33779000 3794600 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 465
O95630 O95630 STAM-binding protein STAMBP >sp|O95630|STABP_HUMAN STAM-binding protein OS=Homo sapiens GN=STAMBP PE=1 SV=1 1 3 3 3 7.1 4.44E-08 0 0 0 0 0 0 6716400 0 0 0 0 0 0 0 0 0 50351000 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 466
O95671 O95671 N-acetylserotonin O-methyltransferase-like protein ASMTL >sp|O95671|ASML_HUMAN N-acetylserotonin O-methyltransferase-like protein OS=Homo sapiens GN=ASMTL PE=1 SV=3 1 13 13 13 27.1 2.97E-48 0 0 0 684870 3852900 37676000 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 467
O95684 O95684 FGFR1 oncogene partner FGFR1OP >sp|O95684|FR1OP_HUMAN FGFR1 oncogene partner OS=Homo sapiens GN=FGFR1OP PE=1 SV=1 1 1 1 1 7.8 0.00064838 0 0 0 0 0 0 2533300 0 0 0 0 0 0 0 0 5526500 4118800 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 468
O95707 O95707 Ribonuclease P protein subunit p29 POP4 >sp|O95707|RPP29_HUMAN Ribonuclease P protein subunit p29 OS=Homo sapiens GN=POP4 PE=1 SV=2 1 2 2 2 9.1 0.00010448 12597000 365170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 13144000 8199300 0 469
O95721 O95721 Synaptosomal-associated protein 29 SNAP29 >sp|O95721|SNP29_HUMAN Synaptosomal-associated protein 29 OS=Homo sapiens GN=SNAP29 PE=1 SV=1 1 3 3 3 14 1.76E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 39199000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 4619600 4857400 470
O95747;Q9UEW8 O95747 Serine/threonine-protein kinase OSR1 OXSR1 >sp|O95747|OXSR1_HUMAN Serine/threonine-protein kinase OSR1 OS=Homo sapiens GN=OXSR1 PE=1 SV=1 2 10 10 10 22.2 1.38E-44 0 0 0 246220 6689800 79705000 0 0 3846500 0 0 0 0 0 0 37433000
0 0 0 0 0 0 0 4986700 27636000 4376600 0 0 0 0 0 0 0 24283000 129020000 0 0 0 471
O95749 O95749 Geranylgeranyl pyrophosphate synthase GGPS1 >sp|O95749|GGPPS_HUMAN Geranylgeranyl pyrophosphate synthase OS=Homo sapiens GN=GGPS1 PE=1 SV=1 1 10 10 10 40.3 2.76E-37 0 0 0 0 0 0 0 9304900 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 125770000 0 0 0 0 0 0 0 0 0 0 611840000 472
O95757 O95757 Heat shock 70 kDa protein 4L HSPA4L >sp|O95757|HS74L_HUMAN Heat shock 70 kDa protein 4L OS=Homo sapiens GN=HSPA4L PE=1 SV=3 1 58 55 53 75.3 0 51465000 12691000 82220000 1410200000 419080000 171880000 52167000 16484000 26499000
10921000 438660 628220 9910700 5925100000 124420000 12288000 3403600 2201800 0 12671000 0 0 0 40249000 1399600000 88813000 146260 2560800 0 0 0 0 457940 1185200000 2058100000 189320000 8901500 8157800 411690 0 473
O95777 O95777 "N-alpha-acetyltransferase 38, NatC auxiliary subunit"NAA38 >sp|O95777|LSM8_HUMAN U6 snRNA-associated Sm-like protein LSm8 OS=Homo sapiens GN=LSM8 PE=1 SV=3 1 6 6 6 79.2 1.62E-36 0 0 0 0 0 0 0 0 0 296970 283330000 1249800 0 0 0 0 0 0 0
0 867650000 0 0 0 97316 123930000 17934000 0 0 0 0 0 0 0 0 588040 0 0 0 0 0 474
O95793 O95793 Double-stranded RNA-binding protein Staufen homolog 1 STAU1 >sp|O95793|STAU1_HUMAN Double-stranded RNA-binding protein Staufen homolog 1 OS=Homo sapiens GN=STAU1 PE=1 SV=2 1 6 6 6 13 8.60E-47 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 14622000 0 0 0 0 0 1566400 15280000 24566000 1535500 5068900 475
O95801 O95801 Tetratricopeptide repeat protein 4 TTC4 >sp|O95801|TTC4_HUMAN Tetratricopeptide repeat protein 4 OS=Homo sapiens GN=TTC4 PE=1 SV=3 1 8 8 8 22 3.14E-43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 353840
48449000 223240 0 0 0 0 0 0 0 0 0 125710000 0 0 0 0 476
O95816 O95816 BAG family molecular chaperone regulator 2 BAG2 >sp|O95816|BAG2_HUMAN BAG family molecular chaperone regulator 2 OS=Homo sapiens GN=BAG2 PE=1 SV=1 1 9 9 9 43.6 1.50E-32 0 0 0 0 0 0 0 25861000 99268000 2341200 0 0 0 0 0 0 0
152110000 518210000 5200500 0 0 0 0 0 0 0 0 0 14540000 0 0 0 0 0 0 0 0 4103200 2217800 477
O95817 O95817 BAG family molecular chaperone regulator 3 BAG3 >sp|O95817|BAG3_HUMAN BAG family molecular chaperone regulator 3 OS=Homo sapiens GN=BAG3 PE=1 SV=3 1 20 20 20 51.8 1.57E-82 0 42467 3047800 11409000 295880000 124050000 10833000 0 888140
2853900 0 0 70181 10557000 646760000 17554000 2984700 0 0 6847600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 478
O95819;Q9UKE5 O95819;Q9UKE5 Mitogen-activated protein kinase kinase kinase kinase 4;TRAF2 and NCK-interacting protein kinase MAP4K4;TNIK >sp|O95819|M4K4_HUMAN Mitogen-activated protein kinase kinase kinase kinase 4 OS=Homo sapiens GN=MAP4K4 PE=1 SV=2;>sp|Q9UKE5|TNIK_HUMAN TRAF2 and
NCK-interacting protein kinase OS=Homo sapiens GN=TNIK PE=1 SV=1 2 4 4 1 2.8 6.37E-08 202410 0 0 52449 808680 36335 0 0 0 0 0 0 2666100 327000 797010 0 0 0 0 0 0 0 0 0 0 0 0 0 26926000 0 0 0 0 0 0 0 0
2693500 15912000 479
O95822 O95822 "Malonyl-CoA decarboxylase, mitochondrial" MLYCD ">sp|O95822|DCMC_HUMAN Malonyl-CoA decarboxylase, mitochondrial OS=Homo sapiens GN=MLYCD PE=1 SV=3" 1 5 5 5 14.8 3.68E-18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 480
O95825 O95825 Quinone oxidoreductase-like protein 1 CRYZL1 >sp|O95825|QORL1_HUMAN Quinone oxidoreductase-like protein 1 OS=Homo sapiens GN=CRYZL1 PE=1 SV=2 1 5 5 5 18.3 2.17E-24 0 0 0 0 0 0 34466000 11118000 0 0 0 0 0 0 0 0 1947900 108660000
2927300 0 0 0 0 0 1304600 2950400 1831300 77896 974170 0 0 0 0 0 6777600 848540 0 0 0 0 0 481
O95831 O95831 "Apoptosis-inducing factor 1, mitochondrial" AIFM1 ">sp|O95831|AIFM1_HUMAN Apoptosis-inducing factor 1, mitochondrial OS=Homo sapiens GN=AIFM1 PE=1 SV=1" 1 12 12 12 25 1.30E-53 0 0 0 132110 2383400 37922000 2106700 0 0 0 0 0 0 0 84335000
86759000 0 0 0 0 0 166430 9109100 0 0 0 0 0 0 0 0 0 28393000 0 0 0 0 0 0 0 0 482
O95833 O95833 Chloride intracellular channel protein 3 CLIC3 >sp|O95833|CLIC3_HUMAN Chloride intracellular channel protein 3 OS=Homo sapiens GN=CLIC3 PE=1 SV=2 1 7 7 7 38.1 7.29E-17 0 0 0 0 0 0 0 11040000 0 0 0 0 0 0 0 0 0 48815000 0 0 0
0 0 0 0 894560 0 0 0 0 0 0 0 799700 0 30379000 1026500 0 0 0 483
O95834;Q6ZMW3 O95834 Echinoderm microtubule-associated protein-like 2 EML2 >sp|O95834|EMAL2_HUMAN Echinoderm microtubule-associated protein-like 2 OS=Homo sapiens GN=EML2 PE=1 SV=1 2 24 24 22 49.2 2.31E-109 239300000 32532000 11934000 10340000 7260900 2939900 0
0 0 0 2250500 0 1167500 0 15507000 255110000 3148900 0 0 0 0 2986500 38340000 0 0 0 0 0 0 0 750300 54864000 1722500 0 0 0 0 0 0 0 484
O95861 O95861 "3(2),5-bisphosphate nucleotidase 1" BPNT1 ">sp|O95861|BPNT1_HUMAN 3(2),5-bisphosphate nucleotidase 1 OS=Homo sapiens GN=BPNT1 PE=1 SV=1" 1 16 16 16 64.6 6.37E-111 0 0 0 0 0 0 69925000 189850000 13001000 3766300 0 0 0 0 0 0
125070000 96775000 2822800 3903700 942840 0 1011800000 4097400 0 0 0 0 0 0 0 6277800 3541500000 14143000 6488300 0 0 0 0 0 485
O95865 O95865 "N(G),N(G)-dimethylarginine dimethylaminohydrolase 2" DDAH2 ">sp|O95865|DDAH2_HUMAN N(G),N(G)-dimethylarginine dimethylaminohydrolase 2 OS=Homo sapiens GN=DDAH2 PE=1 SV=1" 1 14 13 13 81.1 6.54E-92 0 0 0 0 0 0 0 0 51188000 1628400 0 0 0 0 0
0 0 0 62682000 0 0 0 0 0 278750000 0 0 0 0 0 0 0 179360 1200000 417990000 0 0 0 0 0 0 486
O95881 O95881 Thioredoxin domain-containing protein 12 TXNDC12 >sp|O95881|TXD12_HUMAN Thioredoxin domain-containing protein 12 OS=Homo sapiens GN=TXNDC12 PE=1 SV=1 1 9 9 9 55.8 7.40E-77 0 0 0 0 0 0 0 1862200 223430000 19466000 0 0 0 0 0 0 0
0 522740000 8506000 0 20766000 46220000 0 0 0 0 0 0 0 5821000 1642600000 0 0 0 0 0 0 0 487
O95969 O95969 Secretoglobin family 1D member 2 SCGB1D2 >sp|O95969|SG1D2_HUMAN Secretoglobin family 1D member 2 OS=Homo sapiens GN=SCGB1D2 PE=2 SV=1 1 1 1 1 10 0.00063252 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 488
O95989 O95989 Diphosphoinositol polyphosphate phosphohydrolase 1 NUDT3 >sp|O95989|NUDT3_HUMAN Diphosphoinositol polyphosphate phosphohydrolase 1 OS=Homo sapiens GN=NUDT3 PE=1 SV=1 1 7 2 1 44.8 2.92E-27 0 0 0 0 0 0 0 0 1185400 0 0 0 0 0 0 0 0 0 0
27479000 0 0 0 0 0 0 0 0 0 0 0 2268300 66122000 27488000 1401100 0 0 0 0 0 0 489
O95994;Q8TD06 O95994 Anterior gradient protein 2 homolog AGR2 >sp|O95994|AGR2_HUMAN Anterior gradient protein 2 homolog OS=Homo sapiens GN=AGR2 PE=1 SV=1 2 11 11 11 55.4 6.03E-124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

24372000 1191400000 799800000 297640000 18769000 102250000 65660000 306710000 0 0 3733000000 2278500000 1399400000 290890000 118590000 440310000 9265100 1397000000 490
O95999 O95999 B-cell lymphoma/leukemia 10 BCL10 >sp|O95999|BCL10_HUMAN B-cell lymphoma/leukemia 10 OS=Homo sapiens GN=BCL10 PE=1 SV=1 1 2 2 2 7.3 9.87E-05 0 0 0 0 0 0 0 22791000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 491
O96007 O96007 Molybdopterin synthase catalytic subunit MOCS2 >sp|O96007|MOC2B_HUMAN Molybdopterin synthase catalytic subunit OS=Homo sapiens GN=MOCS2 PE=1 SV=1 1 6 6 6 34 4.07E-19 0 0 0 0 0 0 0 17521000 33963000 0 0 0 0 0 0 0 0 0 0 190810000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 492
O96013 O96013 Serine/threonine-protein kinase PAK 4 PAK4 >sp|O96013|PAK4_HUMAN Serine/threonine-protein kinase PAK 4 OS=Homo sapiens GN=PAK4 PE=1 SV=1 1 3 3 3 5.6 2.27E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2970000 3083700 12670000 847570 181240 493
O96019;O94805 O96019 Actin-like protein 6A ACTL6A >sp|O96019|ACL6A_HUMAN Actin-like protein 6A OS=Homo sapiens GN=ACTL6A PE=1 SV=1 2 12 12 12 38.5 1.23E-120 0 0 0 0 1194500 17038000 183070000 18774000 875070 0 0 0 0 0 0 0 1182500000 0 0 0 0 0 0 0 0 0 0 0 2088900000 4933200 0 0 0 0 0 0 0 0 0 933290000 8682500 494
P00338;Q6ZMR3;P07864 P00338 L-lactate dehydrogenase A chain LDHA >sp|P00338|LDHA_HUMAN L-lactate dehydrogenase A chain OS=Homo sapiens GN=LDHA PE=1 SV=2 3 41 41 39 94.6 0 638550000 73268000 66688000 74071000 126310000 364570000 497380000 19628000000 1183700000 1054400000 74720000 14145000 63732000 49597000 72015000 134970000 604640000 41656000000 1688100000 810320000 172110000 13215000 5291400 4258800000 458600000 18749000 1531600 0 6188900 728590 0 0 31897000 7756700000 735660000 277650000 68583000 46672000 2915400 34165000 495
P00352 P00352 Retinal dehydrogenase 1 ALDH1A1 >sp|P00352|AL1A1_HUMAN Retinal dehydrogenase 1 OS=Homo sapiens GN=ALDH1A1 PE=1 SV=2 1 34 34 31 73.7 0 0 0 657930 867110 9790700 96801000 70287000 11919000 0 0 0 0 0 0 0 279870000 17327000 1364500 0 0 0 0 0 920310 108480000 6183200000 371120000 426140000 475720000 100960000 0 0 0 31578000 8307800000 18295000000 11364000000 1801500000 32552000 217700000 496
P00367;P49448 P00367;P49448 "Glutamate dehydrogenase 1, mitochondrial;Glutamate dehydrogenase 2, mitochondrial" GLUD1;GLUD2 ">sp|P00367|DHE3_HUMAN Glutamate dehydrogenase 1, mitochondrial OS=Homo sapiens GN=GLUD1 PE=1 SV=2;>sp|P49448|DHE4_HUMAN Glutamate dehydrogenase 2, mitochondrial OS=Homo sapiens GN=GLUD2 PE=1 SV=2" 2 32 32 32 60.2 9.76E-292 0 0 0 326180 755040 6573200 0 0 0 0 0 0 0 0 0 57559000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1457800 2757800000 1550400000 593630000 0 0 0 0 0 0 0 0 5610300000 8380100000 497
P00374;Q86XF0 P00374 Dihydrofolate reductase DHFR >sp|P00374|DYR_HUMAN Dihydrofolate reductase OS=Homo sapiens GN=DHFR PE=1 SV=2 2 15 15 15 84.5 1.33E-67 0 0 0 0 0 0 0 17632000 828890000 12011000 0 0 0 0 0 0 0 633350 3464500000 10918000 6489300 40329000 3553600 0 0 0 0 0 0 169430000 344850000 224210000 66526000 2844700 4889600 0 0 0 6309400 44018000 498
P00387 P00387 NADH-cytochrome b5 reductase 3;NADH-cytochrome b5 reductase 3 membrane-bound form;NADH-cytochrome b5 reductase 3 soluble form CYB5R3 >sp|P00387|NB5R3_HUMAN NADH-cytochrome b5 reductase 3 OS=Homo sapiens GN=CYB5R3 PE=1 SV=3 1 7 7 7 28.6 3.32E-25 0 0 0 0 0 0 0 56831000 2410800 0 0 0 0 0 0 0 0 152710000 7619500 3766100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 499
P00390 P00390 "Glutathione reductase, mitochondrial" GSR">sp|P00390|GSHR_HUMAN Glutathione reductase, mitochondrial OS=Homo sapiens GN=GSR PE=1 SV=2" 1 26 26 26 64.4 1.23E-117 299210000 22399000 26599000 26957000 90500000 1048400000 615580000 116130000 103790000 12144000 4538800 0 0 7071000 11174000 4379600000 173500000 29113000 7549200 0 0 0 0 86138000 0 0 0 0 0 8110400 0 0 0 84949000 16458000 10080000 4718200 22749000 0 0 500
P00441 P00441 Superoxide dismutase [Cu-Zn] SOD1 >sp|P00441|SODC_HUMAN Superoxide dismutase [Cu-Zn] OS=Homo sapiens GN=SOD1 PE=1 SV=2 1 18 18 18 97.4 1.81E-137 0 0 0 0 0 0 7355300 19958000 697510000 39169000 5799300 707280 852180 0 0 2236900 11500000 32618000 4797600000 132000000 15442000 0 0 0 0 0 0 0 0 0 1301500000 9282300 0 0 0 0 0 0 0 0 501
P00491 P00491 Purine nucleoside phosphorylase PNP >sp|P00491|PNPH_HUMAN Purine nucleoside phosphorylase OS=Homo sapiens GN=PNP PE=1 SV=2 1 22 22 22 79.6 4.24E-191 66245000 3198400 2154500 1667400 3221000 9213600 15831000 2618400000 53173000 33255000 0 2026700 0 0 0 0 0 6960700000 33731000 19334000 0 0 0 598710000 1513900000 3385700 0 0 0 0 0 0 0 4020800000 393350000 329800 0 0 0 0 502
P00492 P00492 Hypoxanthine-guanine phosphoribosyltransferase HPRT1 >sp|P00492|HPRT_HUMAN Hypoxanthine-guanine phosphoribosyltransferase OS=Homo sapiens GN=HPRT1 PE=1 SV=2 1 13 13 12 79.4 5.76E-115 0 0 0 0 0 2718800 5800700 897320000 769490000 113090000 0 0 0 0 0 10899000 0 2655600000 2096400000 107190000 1030900 316260000 772880000 9700500 1826600 4823200 0 140160000 4359500000 69369000 0 233790000 288190000 6282400 13546000 26603000 31562000 375450000 1925100000 207790000 503
P00505 P00505 "Aspartate aminotransferase, mitochondrial" GOT2 ">sp|P00505|AATM_HUMAN Aspartate aminotransferase, mitochondrial OS=Homo sapiens GN=GOT2 PE=1 SV=3" 1 33 33 33 70.2 1.09E-298 2657500 238770 599370 661210 2191500 53404000 2282600000 990180000 706420000 39410000 0 0 0 0 0 3530600 8484300000 86086000 224270000 30004000 0 750290000 193500000 0 0 0 0 0 0 0 187940 150720000 4270400 1686300 0 0 0 0 0 0 504
P00558 P00558 Phosphoglycerate kinase 1 PGK1 >sp|P00558|PGK1_HUMAN Phosphoglycerate kinase 1 OS=Homo sapiens GN=PGK1 PE=1 SV=3 1 62 62 53 94.5 0 91802000 16876000 42201000 71518000 242020000 1322500000 16538000000 4330700000 370350000 1060700000 26728000 16872000 41300000 128370000 130230000 789470000 68746000000 4022900000 377700000 1381700000 43779000 3623600000 745820000 4498200 13410000 3887400 4288900 0 0 0 1565800000 5498200000 133650000 10547000 15410000 0 0 0 0 0 505
P00568;Q9Y6K8 P00568 Adenylate kinase isoenzyme 1 AK1 >sp|P00568|KAD1_HUMAN Adenylate kinase isoenzyme 1 OS=Homo sapiens GN=AK1 PE=1 SV=3 2 17 17 17 75.8 5.06E-97 0 0 0 0 0 0 6080100 115320000 650190000 50071000 0 0 0 0 0 0 0 66562000 5076900000 71585000 0 113880000 172110 0 0 0 0 0 0 0 1435700 489280000 4903200 0 0 0 0 0 0 0 506
P00738;P00739 P00738;P00739 Haptoglobin;Haptoglobin alpha chain;Haptoglobin beta chain;Haptoglobin-related protein HP;HPR >sp|P00738|HPT_HUMAN Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1;>sp|P00739|HPTR_HUMAN Haptoglobin-related protein OS=Homo sapiens GN=HPR PE=2 SV=2 2 3 3 3 7.4 2.82E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 507
P00813 P00813 Adenosine deaminase ADA >sp|P00813|ADA_HUMAN Adenosine deaminase OS=Homo sapiens GN=ADA PE=1 SV=3 1 8 8 8 31.7 9.58E-33 0 0 0 0 0 0 0 32508000 0 0 0 0 0 0 0 0 0 0 117650000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 508
P00918 P00918 Carbonic anhydrase 2 CA2 >sp|P00918|CAH2_HUMAN Carbonic anhydrase 2 OS=Homo sapiens GN=CA2 PE=1 SV=2 1 18 18 18 75 3.16E-127 0 0 0 0 0 0 0 256750000 38510000 14034000 0 0 0 0 0 0 0 1058800000 12152000 3864600 420520000 0 0 0 0 0 0 0 0 0 519110000 664090 3980600 0 0 0 0 0 0 0 0 509
P00966 P00966 Argininosuccinate synthase ASS1 >sp|P00966|ASSY_HUMAN Argininosuccinate synthase OS=Homo sapiens GN=ASS1 PE=1 SV=2 1 23 23 23 54.9 9.28E-86 386290000 17912000 15194000 18278000 22558000 103970000 605100000 47720000 49717000 4692300 328890 0 0 0 0 13984000 848070000 5327900 4277900 0 0 0 0 0 0 17683000 83834 0 0 0 0 0 0 50851000 156620000 125430000 11244000 0 0 0 510
P01009 P01009 Alpha-1-antitrypsin;Short peptide from AAT SERPINA1 >sp|P01009|A1AT_HUMAN Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3 1 1 1 1 2.4 0.00055553 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 649550 513220 8287800 0 0 0 0 0 0 0 511
P01019 P01019 Angiotensinogen;Angiotensin-1;Angiotensin-2;Angiotensin-3;Angiotensin-4;Angiotensin 1-9;Angiotensin 1-7;Angiotensin 1-5;Angiotensin 1-4 AGT >sp|P01019|ANGT_HUMAN Angiotensinogen OS=Homo sapiens GN=AGT PE=1 SV=1 1 2 2 2 7.4 9.08E-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 29487000 0 0 0 0 0 512
P01023 P01023 Alpha-2-macroglobulin A2M >sp|P01023|A2MG_HUMAN Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3 1 8 2 2 5.9 2.17E-21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 513
P01024 P01024 Complement C3;Complement C3 beta chain;Complement C3 alpha chain;C3a anaphylatoxin;Acylation stimulating protein;Complement C3b alpha chain;Complement C3c alpha chain fragment 1;Complement C3dg fragment;Complement C3g fragment;Complement C3d fragment;Complement C3f fragment;Complement C3c alpha chain fragment 2 C3 >sp|P01024|CO3_HUMAN Complement C3 OS=Homo sapiens GN=C3 PE=1 SV=2 1 2 2 2 1.9 2.69E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 514
P01034 P01034 Cystatin-C CST3 >sp|P01034|CYTC_HUMAN Cystatin-C OS=Homo sapiens GN=CST3 PE=1 SV=1 1 4 4 4 37 6.21E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 36591000 0 0 0 0 0 0 0 0 451380 89498000 0 0 0 0 0 0 0 515
P01040 P01040 Cystatin-A CSTA >sp|P01040|CYTA_HUMAN Cystatin-A OS=Homo sapiens GN=CSTA PE=1 SV=1 1 3 3 3 42.9 7.43E-12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 516
P01111;P01112;P01116 P01111;P01112;P01116 "GTPase NRas;GTPase HRas;GTPase HRas, N-terminally processed;GTPase KRas;GTPase KRas, N-terminally processed" NRAS;HRAS;KRAS >sp|P01111|RASN_HUMAN GTPase NRas OS=Homo sapiens GN=NRAS PE=1 SV=1;>sp|P01112|RASH_HUMAN GTPase HRas OS=Homo sapiens GN=HRAS PE=1 SV=1;>sp|P01116|RASK_HUMAN GTPase KRas OS=Homo sapiens GN=KRAS PE=1 SV=1 3 6 6 6 37 8.56E-26 0 0 0 0 0 0 0 0 18531000 738030 0 0 0 0 0 0 0 0 0 105120000 907220 0 11795000 0 0 0 0 0 0 0 0 0 2207300 0 0 0 0 0 0 0 0 0 517
P01591 P01591 Immunoglobulin J chain IGJ >sp|P01591|IGJ_HUMAN Immunoglobulin J chain OS=Homo sapiens GN=JCHAIN PE=1 SV=4 1 1 1 1 7.5 1.78E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 518
P01765;P01779;P01776;P01774 P01765;P01779;P01776;P01774 Ig heavy chain V-III region TIL;Ig heavy chain V-III region TUR;Ig heavy chain V-III region WAS;Ig heavy chain V-III region POM >sp|P01765|HV304_HUMAN Ig heavy chain V-III region TIL OS=Homo sapiens PE=1 SV=1;>sp|P01779|HV318_HUMAN Ig heavy chain V-III region TUR OS=Homo sapiens PE=1 SV=1;>sp|P01776|HV315_HUMAN Ig heavy chain V-III region WAS OS=Homo sapiens PE=1 SV=1;>sp|P01774|HV 4 1 1 1 16.5 7.71E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 521
P01833 P01833 Polymeric immunoglobulin receptor;Secretory component PIGR >sp|P01833|PIGR_HUMAN Polymeric immunoglobulin receptor OS=Homo sapiens GN=PIGR PE=1 SV=4 1 4 4 4 6.3 5.03E-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 522
P01834 P01834 Ig kappa chain C region IGKC >sp|P01834|IGKC_HUMAN Ig kappa chain C region OS=Homo sapiens GN=IGKC PE=1 SV=1 1 5 5 3 80.2 2.04E-50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 523
P01857;P01861;P01860 P01857 Ig gamma-1 chain C region IGHG1 >sp|P01857|IGHG1_HUMAN Ig gamma-1 chain C region OS=Homo sapiens GN=IGHG1 PE=1 SV=1 3 9 9 7 39.7 3.32E-38 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 524
P01859 P01859 Ig gamma-2 chain C region IGHG2 >sp|P01859|IGHG2_HUMAN Ig gamma-2 chain C region OS=Homo sapiens GN=IGHG2 PE=1 SV=2 1 3 1 1 10.1 4.96E-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 525
P01871 P01871 Ig mu chain C region IGHM >sp|P01871|IGHM_HUMAN Ig mu chain C region OS=Homo sapiens GN=IGHM PE=1 SV=3 1 1 1 1 2.7 3.74E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 526
P01876;P01877 P01876;P01877 Ig alpha-1 chain C region;Ig alpha-2 chain C region IGHA1;IGHA2 >sp|P01876|IGHA1_HUMAN Ig alpha-1 chain C region OS=Homo sapiens GN=IGHA1 PE=1 SV=2;>sp|P01877|IGHA2_HUMAN Ig alpha-2 chain C region OS=Homo sapiens GN=IGHA2 PE=1 SV=3 2 8 8 8 26.9 1.17E-21 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 527
P01891;Q31612;P01893;Q95604 P01891;Q31612 "HLA class I histocompatibility antigen, A-68 alpha chain;HLA class I histocompatibility antigen, B-73 alpha chain" HLA-A;HLA-B ">sp|P01891|1A68_HUMAN HLA class I histocompatibility antigen, A-68 alpha chain OS=Homo sapiens GN=HLA-A PE=1 SV=4;>sp|Q31612|1B73_HUMAN HLA class I histocompatibility antigen, B-73 alpha chain OS=Homo sapiens GN=HLA-B PE=1 SV=1" 4 4 4 4 18.4 1.63E-17 0 0 0 0 0 574300 9054800 0 0 0 0 0 0 0 0 0 0 106460000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 528
P02144 P02144 Myoglobin MB >sp|P02144|MYG_HUMAN Myoglobin OS=Homo sapiens GN=MB PE=1 SV=2 1 2 2 2 18.8 7.07E-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 529
P02452 P02452 Collagen alpha-1(I) chain COL1A1 >sp|P02452|CO1A1_HUMAN Collagen alpha-1(I) chain OS=Homo sapiens GN=COL1A1 PE=1 SV=5 1 3 3 3 1.8 2.48E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 530
P02511 P02511 Alpha-crystallin B chain CRYAB >sp|P02511|CRYAB_HUMAN Alpha-crystallin B chain OS=Homo sapiens GN=CRYAB PE=1 SV=2 1 8 8 8 51.4 1.41E-24 0 0 345040 11391000 3365500 0 192290 7781100 122870000 9002200 0 0 0 97176000 0 0 0 0 650110000 3811600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 531
P02545 P02545 Prelamin-A/C;Lamin-A/C LMNA >sp|P02545|LMNA_HUMAN Prelamin-A/C OS=Homo sapiens GN=LMNA PE=1 SV=1 1 50 50 49 67.3 4.20E-195 11657000 4981000 115800000 167530000 196310000 556000000 15692000 26505000 4765400 3383900 268460 4300400 250850000 306270000 2184200000 573340000 63807000 144440000 0 2607500 0 0 0 0 0 0 0 0 0 162770000 0 0 0 0 0 0 0 0 1751200 167120000 532
P02647 P02647 Apolipoprotein A-I;Truncated apolipoprotein A-I APOA1 >sp|P02647|APOA1_HUMAN Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1 1 5 5 5 22.8 4.71E-29 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 533
P02675;CON__P02676 P02675 Fibrinogen beta chain;Fibrinopeptide B;Fibrinogen beta chain FGB >sp|P02675|FIBB_HUMAN Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2 2 3 3 3 7.9 6.17E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 534
P02679 P02679 Fibrinogen gamma chain FGG >sp|P02679|FIBG_HUMAN Fibrinogen gamma chain OS=Homo sapiens GN=FGG PE=1 SV=3 1 3 3 3 9.1 4.73E-10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 535
P02751 P02751 Fibronectin;Anastellin;Ugl-Y1;Ugl-Y2;Ugl-Y3 FN1 >sp|P02751|FINC_HUMAN Fibronectin OS=Homo sapiens GN=FN1 PE=1 SV=4 1 2 2 2 0.8 9.26E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3754300 0 0 0 0 0 0 0 0 0 17921000 0 0 0 0 0 0 0 0 537
P02774 P02774 Vitamin D-binding protein GC >sp|P02774|VTDB_HUMAN Vitamin D-binding protein OS=Homo sapiens GN=GC PE=1 SV=1 1 1 1 1 4.6 2.40E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 538
P02786 P02786 "Transferrin receptor protein 1;Transferrin receptor protein 1, serum form" TFRC >sp|P02786|TFR1_HUMAN Transferrin receptor protein 1 OS=Homo sapiens GN=TFRC PE=1 SV=2 1 21 21 21 33.2 6.25E-99 1118000 400380 2271400 1771500 4056100 1141000 2732100 0 0 0 0 97517000 6953100 18761000 64930000 0 0 0 0 0 0 0 0 0 0 0 0 917250000 0 0 0 0 0 0 12243000 155950000 389650 1278400000 539
P02787 P02787 Serotransferrin TF >sp|P02787|TRFE_HUMAN Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3 1 14 12 12 21.3 1.55E-45 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 540
P02788 P02788 Lactotransferrin;Kaliocin-1;Lactoferroxin-A;Lactoferroxin-B;Lactoferroxin-C LTF >sp|P02788|TRFL_HUMAN Lactotransferrin OS=Homo sapiens GN=LTF PE=1 SV=6 1 12 9 9 21.7 2.09E-49 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 541
P02792 P02792 Ferritin light chain FTL >sp|P02792|FRIL_HUMAN Ferritin light chain OS=Homo sapiens GN=FTL PE=1 SV=2 1 6 6 6 36 4.52E-21 0 0 0 0 0 0 0 192420000 20624000 0 0 0 0 0 0 0 1357400 650120000 8088000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 542
P02794 P02794 Ferritin heavy chain FTH1 >sp|P02794|FRIH_HUMAN Ferritin heavy chain OS=Homo sapiens GN=FTH1 PE=1 SV=2 1 13 13 13 60.1 9.68E-55 293380000 80533000 25497000 3674800 1248100 2867800 6837100 79847000 877260000 464360000 11403000 191690000 56156000 11802000 0 0 0 6841600 3046700000 347880000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 543
P04040 P04040 Catalase CAT >sp|P04040|CATA_HUMAN Catalase OS=Homo sapiens GN=CAT PE=1 SV=3 1 25 25 25 59.6 1.44E-104 0 0 0 156510 11828000 161790000 23948000 25508000 6641300 3517100 0 0 0 0 0 772330000 7108000 6624600 2990100 2285200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 544
P04062 P04062 Glucosylceramidase GBA >sp|P04062|GLCM_HUMAN Glucosylceramidase OS=Homo sapiens GN=GBA PE=1 SV=3 1 2 2 2 3.9 0.0001053 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 545
P04066 P04066 Tissue alpha-L-fucosidase FUCA1 >sp|P04066|FUCO_HUMAN Tissue alpha-L-fucosidase OS=Homo sapiens GN=FUCA1 PE=1 SV=4 1 1 1 1 3.6 7.59E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 546
P04075 P04075 Fructose-bisphosphate aldolase A ALDOA >sp|P04075|ALDOA_HUMAN Fructose-bisphosphate aldolase A OS=Homo sapiens GN=ALDOA PE=1 SV=2 1 42 42 34 93.1 0 58477000 19673000 29747000 47834000 139180000 397720000 8055400000 4271900000 1168900000 926320000 13021000 9301100 24673000 54169000 74151000 153000000 44389000000 1330300000 817420000 771250000 5918400 696970 1014100 4875600000 113450000 34657000 0 0 0 0 0 0 33288000 8980400000 436080000 128850000 95567000 28592000 10084000 31626000 547
P04080 P04080 Cystatin-B CSTB >sp|P04080|CYTB_HUMAN Cystatin-B OS=Homo sapiens GN=CSTB PE=1 SV=2 1 8 8 8 88.8 2.16E-114 2727800 0 0 0 0 0 0 3509200 34450000 819050000 3565500 0 0 0 0 0 0 0 70340000 3234700000 40431000 105390000 86830000 1144500 4260300 0 0 868510 518210000 6808100 716120000 838970000 530770000 73724000 83542000 44782000 17684000 51330000 212790000 137650000 548
P04083 P04083 Annexin A1 ANXA1 >sp|P04083|ANXA1_HUMAN Annexin A1 OS=Homo sapiens GN=ANXA1 PE=1 SV=2 1 31 31 31 71.7 0 17460000 1938700 2996900 4492200 9390200 54095000 1868900000 6337700000 403930000 72904000 0 0 2038400 7000100 7879500 19971000 16095000000 14722000000 375930000 100210000 0 629160000 446520000 0 0 0 0 0 0 0 1420200 1490200000 237970000 1099800 0 0 0 0 0 549
P04150 P04150 Glucocorticoid receptor NR3C1 >sp|P04150|GCR_HUMAN Glucocorticoid receptor OS=Homo sapiens GN=NR3C1 PE=1 SV=1 1 6 6 6 11.2 4.75E-21 67322 455580 1376100 7745000 15673000 2443900 3021600 0 0 0 0 0 0 29471000 2653600 0 713810 637730 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 550
P04179 P04179 "Superoxide dismutase [Mn], mitochondrial" SOD2 ">sp|P04179|SODM_HUMAN Superoxide dismutase [Mn], mitochondrial OS=Homo sapiens GN=SOD2 PE=1 SV=2" 1 11 11 11 54.5 1.34E-75 0 0 0 0 0 0 1407200 51802000 453360000 24215000 0 0 0 0 0 0 4660700 1625600000 14356000 0 44560000 0 0 0 0 0 0 0 0 1532700 2050600 0 0 0 0 0 0 0 551
P04181 P04181 "Ornithine aminotransferase, mitochondrial;Ornithine aminotransferase, hepatic form;Ornithine aminotransferase, renal form" OAT ">sp|P04181|OAT_HUMAN Ornithine aminotransferase, mitochondrial OS=Homo sapiens GN=OAT PE=1 SV=1" 1 27 27 27 73.3 0 0 0 0 223750 875320 17653000 420390000 113150000 56090000 10547000 0 0 0 0 0 0 1334800000 7604500 13974000 3756900 0 0 0 2559300 20610000 1459000000 3875800 0 0 0 0 0 7482300 724450 2543000000 12118000000 135140000 5851600 0 0 552
P04183 P04183 "Thymidine kinase, cytosolic" TK1 ">sp|P04183|KITH_HUMAN Thymidine kinase, cytosolic OS=Homo sapiens GN=TK1 PE=1 SV=2" 1 4 4 4 20.5 2.71E-09 0 0 0 0 0 0 0 52099000 0 0 0 0 0 0 0 0 0 133380000 16770000 0 0 0 0 0 0 0 0 0 14580000 4982500 0 0 0 0 0 0 0 0 0 704460 1886400 553
P04206;P01623;P01622;P01620;A0A0C4DH25;A0A0B4J1Z6;P18136;P18135P04206;P01623;P01622;P01620;A0A0C4DH25;A0A0B4J1Z6;P18136;P18135Ig kappa chain V-III region GOL;Ig kappa chain V-III region WOL;Ig kappa chain V-III region Ti;Ig kappa chain V-III region SIE;Ig kappa chain V-III region HIC;Ig kappa chain V-III region HAH >sp|P04206|KV307_HUMAN Ig kappa chain V-III region GOL OS=Homo sapiens PE=1 SV=1;>sp|P01623|KV305_HUMAN Ig kappa chain V-III region WOL OS=Homo sapiens PE=1 SV=1;>sp|P01622|KV304_HUMAN Ig kappa chain V-III region Ti OS=Homo sapiens PE=1 SV=1;>sp|P01620|KV3 8 2 2 2 31.2 4.69E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 520
P04279 P04279 Semenogelin-1;Alpha-inhibin-92;Alpha-inhibin-31;Seminal basic protein SEMG1 >sp|P04279|SEMG1_HUMAN Semenogelin-1 OS=Homo sapiens GN=SEMG1 PE=1 SV=2 1 2 2 1 7.4 4.99E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 556

P04350 P04350 Tubulin beta-4A chain TUBB4A >sp|P04350|TBB4A_HUMAN Tubulin beta-4A chain OS=Homo sapiens GN=TUBB4A PE=1 SV=2 1 21 2 0 56.8 0 0 0 883460 2024900 9434500 75308000 41967000 8247600 522720 8821600 0 0 0 0 6099200 221350000 101020000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 557

P04406 P04406 Glyceraldehyde-3-phosphate dehydrogenase GAPDH >sp|P04406|G3P_HUMAN Glyceraldehyde-3-phosphate dehydrogenase OS=Homo sapiens GN=GAPDH PE=1 SV=3 1 40 40 39 97.6 0 3439400000 277520000 277550000 364310000 626360000 1347000000 9503600000 29336000000 5024600000 1902200000 167510000 18807000 111820000 145430000 361270000 528120000 55287000000 82600000000 8330600000 2057800000 1108200000 3951200000 1406500000 92397000 6089000 0 16188000 18684000 9037700 50635000 2334000000 4366500000 4526200000 491910000 648540000 227590000 85736000 152090000 92326000 1280100000 558

P04424;H7C0S8 P04424 Argininosuccinate lyase ASL >sp|P04424|ARLY_HUMAN Argininosuccinate lyase OS=Homo sapiens GN=ASL PE=1 SV=4 2 10 10 10 24.6 5.77E-51 0 0 0 0 0 3016700 11405000 494910 0 0 0 0 0 0 0 31208000 16168000 0 0 0 0 0 0 0 0 0 0 0 2865600 152630000 4616500 0 0 0 0 0 0 0 26194000 390130000 559

P04632;Q96L46 P04632 Calpain small subunit 1 CAPNS1 >sp|P04632|CPNS1_HUMAN Calpain small subunit 1 OS=Homo sapiens GN=CAPNS1 PE=1 SV=1 2 14 14 14 76.9 0 0 0 0 0 0 0 537310 1348100000 55078000 53388000 0 0 0 0 0 0 0 2125300000 59985000 30073000 0 0 0 0 0 0 0 689000000 2565800000 18040000 0 0 0 0 0 0 0 6926400000 418310000 16973000 560

P04792 P04792 Heat shock protein beta-1 HSPB1 >sp|P04792|HSPB1_HUMAN Heat shock protein beta-1 OS=Homo sapiens GN=HSPB1 PE=1 SV=2 1 20 20 20 87.3 4.01E-149 5014100 3870200 4954200 3208500 8817700 45652000 79279000 7371100000 797250000 425200000 12808000 5499400 18803000 29443000 76904000 6394400000 1039100000 25747000000 2197600000 428030000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 561

P04818 P04818 Thymidylate synthase TYMS >sp|P04818|TYSY_HUMAN Thymidylate synthase OS=Homo sapiens GN=TYMS PE=1 SV=3 1 14 14 14 52.7 6.34E-174 0 0 0 0 0 0 0 0 400150000 24862000 6389200 0 0 0 0 0 0 3027100 1139700000 12643000 0 0 0 0 67125000 7169800 867800 0 0 0 0 0 0 0 448100000 87230000 76708000 0 0 0 0 562

P04899;P11488;P19087;A8MTJ3;P09471;P38405;Q5JWF2 P04899 Guanine nucleotide-binding protein G(i) subunit alpha-2 GNAI2 >sp|P04899|GNAI2_HUMAN Guanine nucleotide-binding protein G(i) subunit alpha-2 OS=Homo sapiens GN=GNAI2 PE=1 SV=3 7 5 5 3 16.3 4.95E-14 0 0 0 0 0 0 4617700 14687000 804150 0 0 0 0 0 0 0 193720000 6972600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4994400 44276000 0 0 0 563

P05089 P05089 Arginase-1 ARG1 >sp|P05089|ARGI1_HUMAN Arginase-1 OS=Homo sapiens GN=ARG1 PE=1 SV=2 1 4 4 4 15.8 2.54E-11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 564

P05091;F8VP50 P05091 "Aldehyde dehydrogenase, mitochondrial" ALDH2 ">sp|P05091|ALDH2_HUMAN Aldehyde dehydrogenase, mitochondrial OS=Homo sapiens GN=ALDH2 PE=1 SV=2" 2 27 24 23 62.9 0 4614000 262360 3064300 3265800 35175000 474530000 246290000 35576000 3997600 0 0 0 2444200 1986000 1896400 1738400000 18691000 0 0 0 0 0 0 0 0 0 0 59810 108820000 2997900000 442900000 0 0 0 0 0 1447500 0 152490000 2219900000 1678600000 565

P05109 P05109 "Protein S100-A8;Protein S100-A8, N-terminally processed" S100A8 >sp|P05109|S10A8_HUMAN Protein S100-A8 OS=Homo sapiens GN=S100A8 PE=1 SV=1 1 5 5 5 47.3 1.46E-18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 566

P05114 P05114 Non-histone chromosomal protein HMG-14 HMGN1 >sp|P05114|HMGN1_HUMAN Non-histone chromosomal protein HMG-14 OS=Homo sapiens GN=HMGN1 PE=1 SV=3 1 3 3 3 34 6.10E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 567

P05120 P05120 Plasminogen activator inhibitor 2 SERPINB2 >sp|P05120|PAI2_HUMAN Plasminogen activator inhibitor 2 OS=Homo sapiens GN=SERPINB2 PE=1 SV=2 1 3 3 3 8.4 1.09E-35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 54655000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 568

P05141;P12236;P12235;Q9H0C2 P05141;P12236 ADP/ATP translocase 2;ADP/ATP translocase 3 SLC25A5;SLC25A6 >sp|P05141|ADT2_HUMAN ADP/ATP translocase 2 OS=Homo sapiens GN=SLC25A5 PE=1 SV=7;>sp|P12236|ADT3_HUMAN ADP/ATP translocase 3 OS=Homo sapiens GN=SLC25A6 PE=1 SV=4 4 5 5 5 16.8 3.40E-11 10594000 15293000 27914000 0 0 40163000 4292200 0 0 0 0 0 9894000 14255000 0 0 0 21268000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 569

P05161 P05161 Ubiquitin-like protein ISG15 ISG15 >sp|P05161|ISG15_HUMAN Ubiquitin-like protein ISG15 OS=Homo sapiens GN=ISG15 PE=1 SV=5 1 9 9 9 60 1.09E-38 0 0 0 0 0 0 2061200 1578700 666720000 67831000 0 0 0 0 0 0 0 0 1004800000 126480000 0 0 0 76967000 0 0 0 0 0 0 0 0 555130000 3911400 1782100 0 0 0 0 570

P05162 P05162 Galectin-2 LGALS2 >sp|P05162|LEG2_HUMAN Galectin-2 OS=Homo sapiens GN=LGALS2 PE=1 SV=3 1 9 9 9 76.5 2.76E-141 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 211170000 0 0 0 0 0 0 0 814540000 3638800 1109500 0 0 0 0 0 0 0 0 571

P05164 P05164 Myeloperoxidase;Myeloperoxidase;89 kDa myeloperoxidase;84 kDa myeloperoxidase;Myeloperoxidase light chain;Myeloperoxidase heavy chain MPO >sp|P05164|PERM_HUMAN Myeloperoxidase OS=Homo sapiens GN=MPO PE=1 SV=1 1 2 2 2 3 7.31E-12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 572

P05165 P05165 "Propionyl-CoA carboxylase alpha chain, mitochondrial" PCCA ">sp|P05165|PCCA_HUMAN Propionyl-CoA carboxylase alpha chain, mitochondrial OS=Homo sapiens GN=PCCA PE=1 SV=4" 1 14 14 14 25.4 2.65E-69 3015400 0 295390 692470 17128000 12119000 1314700 0 0 0 0 0 0 0 53672000 0 0 0 0 0 0 0 0 0 0 178910000 0 0 0 0 0 0 0 0 0 468970000 1904000 0 0 0 573

P05166 P05166 "Propionyl-CoA carboxylase beta chain, mitochondrial" PCCB ">sp|P05166|PCCB_HUMAN Propionyl-CoA carboxylase beta chain, mitochondrial OS=Homo sapiens GN=PCCB PE=1 SV=3" 1 15 15 15 39 1.67E-65 0 0 0 0 1452400 21511000 3665600 4070000 0 0 0 0 0 0 0 14420000 3287900 0 0 0 0 0 0 0 0 22293000 136550 0 0 0 0 0 0 0 0 0 191310000 0 0 0 0 574

P05198 P05198 Eukaryotic translation initiation factor 2 subunit 1EIF2S1 >sp|P05198|IF2A_HUMAN Eukaryotic translation initiation factor 2 subunit 1 OS=Homo sapiens GN=EIF2S1 PE=1 SV=3 1 25 25 25 66.3 3.45E-213 245780000 20546000 10744000 6904600 4220600 8879200 7323300 32540000 8871600 0 4872300 0 1181700 0 0 0 16275000 719330000 7359100 0 0 0 39134000 1759000 394360000 1910000 12758000 150900000 1880500000 52149000 0 0 8621100 57181000 863620000 17267000 268060000 693600000 2259400000 85396000 575

P05204;Q15651 P05204 Non-histone chromosomal protein HMG-17 HMGN2 >sp|P05204|HMGN2_HUMAN Non-histone chromosomal protein HMG-17 OS=Homo sapiens GN=HMGN2 PE=1 SV=3 2 3 3 3 30 7.11E-08 0 0 0 0 0 0 0 124910 3420000 1720700 0 0 0 0 0 0 0 0 12343000 3477200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 576

P05386 P05386 60S acidic ribosomal protein P1 RPLP1 >sp|P05386|RLA1_HUMAN 60S acidic ribosomal protein P1 OS=Homo sapiens GN=RPLP1 PE=1 SV=1 1 5 3 3 89.5 1.93E-41 0 0 0 0 0 0 0 13311000 277530000 584730000 53499000 0 0 0 0 0 0 37816000 475530000 729590000 0 0 146080 216180000 48968000 208370000 18322000 224200000 241880000 28772000 0 0 0 175090000 560900000 11032000 705360000 175270000 186120000 0 577

P05387 P05387 60S acidic ribosomal protein P2 RPLP2 >sp|P05387|RLA2_HUMAN 60S acidic ribosomal protein P2 OS=Homo sapiens GN=RPLP2 PE=1 SV=1 1 12 12 10 95.7 4.41E-167 0 0 0 0 0 0 854670 27890000 36781000 1653500000 149890000 0 0 0 0 0 0 0 22806000 12396000000 0 0 0 305210000 151190000 150690000 3517700 0 274220000 0 0 0 362600000 1189200000 2112800000 3230800000 2421700000 1019100000 352080000 65854000 578

P05388;Q8NHW5 P05388;Q8NHW5 60S acidic ribosomal protein P0;60S acidic ribosomal protein P0-like RPLP0;RPLP0P6 >sp|P05388|RLA0_HUMAN 60S acidic ribosomal protein P0 OS=Homo sapiens GN=RPLP0 PE=1 SV=1;>sp|Q8NHW5|RLA0L_HUMAN 60S acidic ribosomal protein P0-like OS=Homo sapiens GN=RPLP0P6 PE=5 SV=1 2 12 12 12 49.8 2.15E-127 0 0 0 0 0 0 1444500 261590000 5852500 3560800 0 0 0 0 0 0 1604500 1370100000 3985100 2747800 0 0 15680000 3594400 100190000 393410000 43872000 86895000 98589000 10820000 0 410150 153290000 610860000 1944700000 1660400000 1543500000 752740000 213910000 42816000 579

P05413 P05413 "Fatty acid-binding protein, heart" FABP3 ">sp|P05413|FABPH_HUMAN Fatty acid-binding protein, heart OS=Homo sapiens GN=FABP3 PE=1 SV=4" 1 4 4 4 29.3 4.95E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 580

P05455 P05455 Lupus La protein SSB >sp|P05455|LA_HUMAN Lupus La protein OS=Homo sapiens GN=SSB PE=1 SV=2 1 39 39 39 64.7 0 0 0 0 1882600 20849000 230010000 1310600000 110500000 17970000 6898000 0 0 0 0 4070000 1267600000 4177400000 61778000 25999000 0 1325400 170600000 1571100000 48216000 56223000 59071000 18807000 3216500 701990 6203000 4319700 689110000 9314000000 417770000 119350000 1674200000 282890000 48197000 26824000 17313000 581

P05556 P05556 Integrin beta-1ITGB1 >sp|P05556|ITB1_HUMAN Integrin beta-1 OS=Homo sapiens GN=ITGB1 PE=1 SV=2 1 3 3 3 4.8 1.78E-11 0 0 1217100 0 0 0 0 0 0 0 0 0 0 31801000 12166000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 582

P05783;CON__H-INV:HIT000015463 P05783 "Keratin, type I cytoskeletal 18" KRT18 ">sp|P05783|K1C18_HUMAN Keratin, type I cytoskeletal 18 OS=Homo sapiens GN=KRT18 PE=1 SV=2" 2 18 17 12 53.5 1.42E-75 0 0 0 0 664500 24106000 236690000 7853000 5064200 0 0 0 0 0 0 27692000 843470000 8681600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 583

P05976;P08590 P05976;P08590 "Myosin light chain 1/3, skeletal muscle isoform;Myosin light chain 3" MYL1;MYL3 ">sp|P05976|MYL1_HUMAN Myosin light chain 1/3, skeletal muscle isoform OS=Homo sapiens GN=MYL1 PE=2 SV=3;>sp|P08590|MYL3_HUMAN Myosin light chain 3 OS=Homo sapiens GN=MYL3 PE=1 SV=3" 2 2 2 2 8.2 1.51E-07 0 0 0 0 0 0 0 0 98929000 42997000 0 0 0 0 0 0 0 0 34286000 148960000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 128970000 0 584

P06132 P06132 Uroporphyrinogen decarboxylase UROD >sp|P06132|DCUP_HUMAN Uroporphyrinogen decarboxylase OS=Homo sapiens GN=UROD PE=1 SV=2 1 19 19 19 80.1 6.52E-100 0 0 0 0 0 0 89350000 458860000 1051900 14046000 0 0 0 0 0 0 1109300000 321530000 0 4978600 0 0 0 0 0 297490000 0 0 0 0 0 0 0 0 667610000 776290000 0 0 0 0 585

P06280 P06280 Alpha-galactosidase A GLA >sp|P06280|AGAL_HUMAN Alpha-galactosidase A OS=Homo sapiens GN=GLA PE=1 SV=1 1 12 12 12 29.1 4.36E-60 0 0 0 0 3039500 26687000 162880000 27261000 7162800 7181500 0 0 0 0 3162600 14665000 494360000 3478200 0 1560700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 586

P06454 P06454 Prothymosin alpha;Thymosin alpha-1 PTMA >sp|P06454|PTMA_HUMAN Prothymosin alpha OS=Homo sapiens GN=PTMA PE=1 SV=2 1 8 8 8 38.7 6.41E-161 0 0 0 0 0 0 0 10081000 21817000 556690000 52375000 0 0 0 0 0 0 40980000 2151100000 437630000 537300 0 0 0 0 0 0 1240300000 2205000 376050 0 0 237730 160130 0 0 0 588

P06493 P06493 Cyclin-dependent kinase 1 CDK1 >sp|P06493|CDK1_HUMAN Cyclin-dependent kinase 1 OS=Homo sapiens GN=CDK1 PE=1 SV=3 1 26 26 24 83.2 3.42E-162 3240000 0 2333400 1101000 1276200 3143100 6593300 1261900000 35031000 2209800 176090 1670000 1455700 0 1816200 2921100 7929100 1752700000 11626000 2843900 0 0 0 0 0 1778200 30015000 181130000 300250000 99574000 0 0 0 0 122830000 722560000 4205100000 706180000 9089600 0 589

P06576 P06576 "ATP synthase subunit beta, mitochondrial" ATP5B ">sp|P06576|ATPB_HUMAN ATP synthase subunit beta, mitochondrial OS=Homo sapiens GN=ATP5B PE=1 SV=3" 1 25 25 25 61.6 9.18E-280 1213800 0 614730 2409400 48478000 665820000 1319400000 516750000 41609000 44005000 0 0 0 0 2308800000 508520000 29389000 5578700 7869300 0 0 0 0 0 61805000 0 130200000 1406800000 178930000 1787500 0 0 0 4771700 728520000 89597000 27492000 746790000 1398300000 590

P06702 P06702 Protein S100-A9 S100A9 >sp|P06702|S10A9_HUMAN Protein S100-A9 OS=Homo sapiens GN=S100A9 PE=1 SV=1 1 6 6 6 62.3 2.22E-17 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 591

P06703 P06703 Protein S100-A6 S100A6 >sp|P06703|S10A6_HUMAN Protein S100-A6 OS=Homo sapiens GN=S100A6 PE=1 SV=1 1 12 12 12 88.9 3.52E-65 0 1624900 1518700 848710 1570900 1923200 458100 388650000 22285000 1523300000 89603000 3175500 0 0 2451300 0 0 4399700 93313000 6021200000 0 10790000 0 0 0 0 0 0 0 74187000 0 0 0 19745000 18459000 56779000 10562000 26164000 51499000 203410000 592

P06730;A6NMX2 P06730 Eukaryotic translation initiation factor 4E EIF4E >sp|P06730|IF4E_HUMAN Eukaryotic translation initiation factor 4E OS=Homo sapiens GN=EIF4E PE=1 SV=2 2 8 8 8 36.9 1.77E-33 0 0 0 0 0 0 0 0 25292000 0 0 0 0 0 0 0 0 22146000 0 0 0 526560 108120000 66661000 9215700 25412000 835340 0 0 0 0 0 836900000 203900000 46170000 27590000 28309000 250680000 6729700 0 593

P06733 P06733 Alpha-enolase ENO1 >sp|P06733|ENOA_HUMAN Alpha-enolase OS=Homo sapiens GN=ENO1 PE=1 SV=2 1 50 50 46 85.7 0 1342400000 126540000 216520000 345350000 825690000 7721300000 31720000000 12680000000 2462200000 1861000000 172470000 44802000 277900000 434510000 405520000 28363000000 1.0044E+11 14775000000 3124700000 1886700000 143380000 56865000 0 2270200000 350280000 97898000 2258800 1267000 0 432540 0 0 167170000 9695600000 359010000 50458000 11381000 11609000 16829000 34420000 594

P06737 P06737 "Glycogen phosphorylase, liver form" PYGL ">sp|P06737|PYGL_HUMAN Glycogen phosphorylase, liver form OS=Homo sapiens GN=PYGL PE=1 SV=4" 1 59 59 51 69.1 0 14681000 5780400 43498000 1743400000 534370000 270990000 20404000 61139000 2630800 0 0 0 1771100 6930800000 98169000 2710500 0 3529800 18545000 0 0 0 0 0 0 5146300 217960 954190000 492730000 45819000 0 0 0 0 0 0 1527000000 3249400000 23478000 15993000 595

P06744;K7ESF4;Q8N196 P06744 Glucose-6-phosphate isomerase GPI >sp|P06744|G6PI_HUMAN Glucose-6-phosphate isomerase OS=Homo sapiens GN=GPI PE=1 SV=4 3 45 45 36 78.9 0 719090000 16177000 52965000 98364000 1532500000 13492000000 1738300000 1389200000 365720000 48163000 434830 972040 11060000 16093000 107620000 38225000000 626730000 1086300000 174390000 31395000 0 0 0 2463200000 49661000 0 0 0 0 0 0 12006000 4342200000 19675000 0 0 0 0 0 596

P06746 P06746 DNA polymerase beta POLB >sp|P06746|DPOLB_HUMAN DNA polymerase beta OS=Homo sapiens GN=POLB PE=1 SV=3 1 3 3 3 14 1.77E-12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1120800 0 0 0 0 0 0 0 31141000 0 0 0 0 0 0 0 0 597

P06748 P06748 Nucleophosmin NPM1 >sp|P06748|NPM_HUMAN Nucleophosmin OS=Homo sapiens GN=NPM1 PE=1 SV=2 1 23 23 23 74.1 5.95E-209 0 1453500 1273600 969590 2383800 10886000 93178000 1587900000 551210000 611930000 3662800 0 0 0 3546000 13800000 279150000 9810100000 2289500000 1310300000 2347900000 162760 101510000 0 590650 49451000 1971500 1000300 2627700 541600 3143400000 508260000 207390000 20627000 56419000 35747000 6530200 2975700 2177800 4478800 598

P06753 P06753 Tropomyosin alpha-3 chain TPM3 >sp|P06753|TPM3_HUMAN Tropomyosin alpha-3 chain OS=Homo sapiens GN=TPM3 PE=1 SV=2 1 33 10 10 62.8 2.10E-204 0 0 0 0 782130 2546400 5175900 1072000000 48815000 11574000 0 0 0 0 0 3246100 2882900 2994900000 28625000 8510400 0 0 0 0 0 0 12377000 350320000 111550000 0 0 0 0 516830 8182600 303120000 2690600000 654710000 312260000 461880000 599

P06865;A0A087WUJ7 P06865 Beta-hexosaminidase subunit alpha HEXA >sp|P06865|HEXA_HUMAN Beta-hexosaminidase subunit alpha OS=Homo sapiens GN=HEXA PE=1 SV=2 2 18 18 18 36.1 4.63E-80 0 0 302930 1381100 31661000 425100000 113860000 95716000 10776000 1139600 0 0 0 0 23628000 1325200000 40980000 83766000 3806300 0 0 0 0 0 0 0 0 1203700 16683000 0 0 0 0 0 0 0 0 104340000 147440000 8999700 0 600

P07093 P07093 Glia-derived nexin SERPINE2 >sp|P07093|GDN_HUMAN Glia-derived nexin OS=Homo sapiens GN=SERPINE2 PE=1 SV=1 1 2 2 2 7.5 3.51E-08 0 0 0 0 0 0 6495900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 602

P07108 P07108 Acyl-CoA-binding protein DBI >sp|P07108|ACBP_HUMAN Acyl-CoA-binding protein OS=Homo sapiens GN=DBI PE=1 SV=2 1 11 11 11 90.8 1.37E-65 0 0 0 0 0 0 0 0 0 803190000 0 0 0 0 0 0 0 0 2550700000 457400000 25687000 236440000 0 0 0 0 0 0 0 1226200000 45266000 2406000 0 0 0 0 0 0 0 603

P07148 P07148 "Fatty acid-binding protein, liver" FABP1 ">sp|P07148|FABPL_HUMAN Fatty acid-binding protein, liver OS=Homo sapiens GN=FABP1 PE=1 SV=1" 1 11 11 11 86.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1412000000 105730000 300260000 93486000 39122000 30025000 4469800 18601000 35005000 61968000 1975400000 710800000 185420000 40895000 123090000 27474000 19259000 11356000 4112700 108270000 604

P07195 P07195 L-lactate dehydrogenase B chain LDHB >sp|P07195|LDHB_HUMAN L-lactate dehydrogenase B chain OS=Homo sapiens GN=LDHB PE=1 SV=2 1 33 31 31 79.6 0 561410000 105130000 101080000 77993000 117580000 373240000 436580000 14712000000 1174500000 1232500000 54067000 6504500 21538000 63733000 76608000 83460000 635040000 31636000000 1673800000 1495400000 91845000 17214000 689970000 3669800000 584640000 207300000 586050 0 0 1880800 3244500 0 5157800000 9260500000 742160000 189380000 50674000 80057000 55623000 152950000 605

P07203 P07203 Glutathione peroxidase 1 GPX1 >sp|P07203|GPX1_HUMAN Glutathione peroxidase 1 OS=Homo sapiens GN=GPX1 PE=1 SV=4 1 6 6 6 39.4 1.33E-27 0 0 0 0 0 0 2939500 38357000 6876200 0 0 0 0 0 0 0 2732200 275380000 1134500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 606

P07205 P07205 Phosphoglycerate kinase 2 PGK2 >sp|P07205|PGK2_HUMAN Phosphoglycerate kinase 2 OS=Homo sapiens GN=PGK2 PE=1 SV=3 1 12 3 3 29.3 2.45E-122 0 0 0 0 0 0 172950 11947 0 0 0 0 0 0 0 0 28780000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 607

P07237 P07237 Protein disulfide-isomerase P4HB >sp|P07237|PDIA1_HUMAN Protein disulfide-isomerase OS=Homo sapiens GN=P4HB PE=1 SV=3 1 48 48 48 78 0 558540000 24981000 118880000 108880000 1037000000 10697000000 1638300000 794840000 168750000 107440000 13131000 5346300 190450000 53394000 113430000 22867000000 630480000 350920000 145360000 53756000 30316000 26764000 426370000 2069200000 2859400000 499250000 1538800 49590000 788980000 1746000000 27956000 4031300 391640000 17161000000 21285000000 923500000 53892000 121400000 859590000 3861600000 608

P07305 P07305 Histone H1.0 H1F0 >sp|P07305|H10_HUMAN Histone H1.0 OS=Homo sapiens GN=H1F0 PE=1 SV=3 1 8 8 8 28.4 2.31E-33 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1900500 0 0 0 0 0 0 0 0 0 118650000 48615 0 0 0 0 0 0 0 0 609

P07311 P07311 Acylphosphatase-1 ACYP1 >sp|P07311|ACYP1_HUMAN Acylphosphatase-1 OS=Homo sapiens GN=ACYP1 PE=1 SV=2 1 7 7 7 68.7 4.63E-47 0 0 0 0 0 0 0 0 0 104070000 4850000 0 0 0 0 0 0 0 0 845650000 141700000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 610

P07339;H7C469 P07339 Cathepsin D;Cathepsin D light chain;Cathepsin D heavy chain CTSD >sp|P07339|CATD_HUMAN Cathepsin D OS=Homo sapiens GN=CTSD PE=1 SV=1 2 14 14 14 38.6 7.60E-81 0 0 0 0 0 2011100 32211000 452020000 17555000 20081000 0 0 0 0 0 65708000 1360100000 16904000 14857000 0 0 0 0 0 0 9916400 694630000 729480000 0 0 0 0 0 2468500 20309000 166760000 45242000 2193000000 611

P07355;A6NMY6 P07355;A6NMY6 Annexin A2;Putative annexin A2-like protein ANXA2;ANXA2P2 >sp|P07355|ANXA2_HUMAN Annexin A2 OS=Homo sapiens GN=ANXA2 PE=1 SV=2;>sp|A6NMY6|AXA2L_HUMAN Putative annexin A2-like protein OS=Homo sapiens GN=ANXA2P2 PE=5 SV=2 2 41 41 41 85.5 0 485040000 39739000 42119000 53707000 92884000 258170000 2653000000 13297000000 1372600000 534620000 59002000 20547000 42973000 54467000 86383000 175150000 23279000000 40082000000 1564700000 996170000 10745000 342110000 413610000 1426400000 1929800000 2478100000 133060000 373340000 841700000 115690000 41612000 6676800 4193700000 5770700000 13112000000 6376600000 4261900000 3494200000 1765500000 1559500000 612

P07384 P07384 Calpain-1 catalytic subunit CAPN1 >sp|P07384|CAN1_HUMAN Calpain-1 catalytic subunit OS=Homo sapiens GN=CAPN1 PE=1 SV=1 1 33 33 33 44 4.81E-135 10335000 1516800 13917000 53540000 1292700000 137640000 92955000 49224000 11380000 22311000 926440 599800 921440 336250000 1383200000 15782000 12722000 11482000 3417300 5250200 0 0 0 0 0 0 0 43977000 152590000 236140 0 0 0 0 0 0 0 1033500000 72083000 0 613

P07437 P07437 Tubulin beta chain TUBB >sp|P07437|TBB5_HUMAN Tubulin beta chain OS=Homo sapiens GN=TUBB PE=1 SV=2 1 26 6 5 62.8 0 110450000 16391000 48576000 55205000 250950000 1994600000 3984200000 864800000 260600000 449910000 1946800 28141000 98710000 66872000 63603000 8816300000 3533000000 198000000 78831000 269500000 0 0 0 286100000 44917000 500780000 21294000 664120000 336500000 77828000 0 0 0 818350000 1221600000 3127400000 915400000 897110000 101340000 341570000 614

P07602 P07602 Proactivator polypeptide;Saposin-A;Saposin-B-Val;Saposin-B;Saposin-C;Saposin-D PSAP >sp|P07602|SAP_HUMAN Prosaposin OS=Homo sapiens GN=PSAP PE=1 SV=2 1 18 18 18 36.5 1.75E-108 0 0 0 0 0 0 0 0 1309100 367040000 0 0 0 0 0 0 0 0 0 172580000 93140000 0 13075000 0 0 0 0 0 138270000 152480000 338980000 5521700 150900000 9291400 89689000 13100000 10938000 151720000 178540000 627820000 615

P07686 P07686 Beta-hexosaminidase subunit beta;Beta-hexosaminidase subunit beta chain B;Beta-hexosaminidase subunit beta chain A HEXB >sp|P07686|HEXB_HUMAN Beta-hexosaminidase subunit beta OS=Homo sapiens GN=HEXB PE=1 SV=3 1 18 18 18 37.6 3.95E-127 0 0 0 0 757400 18994000 455080 733330000 47357000 85177000 0 0 0 0 10037000 126810000 2595600 1340100000 45893000 40711000 0 0 0 0 121670000 125830000 6974900 360300000 768280000 0 0 0 0 15753000 80242000 44629000 168100000 807210000 155540000 29627000 616

P07711;Q5NE16;P43235 P07711 Cathepsin L1;Cathepsin L1 heavy chain;Cathepsin L1 light chain CTSL1 >sp|P07711|CATL1_HUMAN Cathepsin L1 OS=Homo sapiens GN=CTSL PE=1 SV=2 3 8 8 7 29.7 1.27E-32 0 0 0 0 0 0 0 0 0 0 10466000 0 0 0 0 0 0 0 0 0 32471000 289790 0 4493600 0 0 0 0 0 0 0 11839000 0 115070000 0 0 0 0 0 0 0 0 617

P07737;CON__P02584 P07737 Profilin-1 PFN1 >sp|P07737|PROF1_HUMAN Profilin-1 OS=Homo sapiens GN=PFN1 PE=1 SV=2 2 15 15 15 92.9 7.07E-280 1073000000 98380000 76327000 38081000 45104000 46395000 91289000 414310000 4436700000 5069900000 909150000 11505000 13839000 12174000 18680000 10776000 18638000 115640000 4576100000 29148000000 0 0 92659000 1246100000 2316900000 4870400000 315200000 7219800 0 0 0 0 188960000 2501000000 2838900000 4798300000 562930000 73241000 14328000 8799200 618

P07738 P07738 Bisphosphoglycerate mutase BPGM >sp|P07738|PMGE_HUMAN Bisphosphoglycerate mutase OS=Homo sapiens GN=BPGM PE=1 SV=2 1 5 5 5 30.1 6.20E-18 0 0 0 0 0 0 0 28074000 0 0 0 0 0 0 0 0 0 24239000 0 0 0 0 41602000 0 0 0 0 0 0 0 0 0 0 58342000 0 0 0 0 0 0 0 0 619

P07741 P07741 Adenine phosphoribosyltransferase APRT >sp|P07741|APT_HUMAN Adenine phosphoribosyltransferase OS=Homo sapiens GN=APRT PE=1 SV=2 1 14 14 14 90 5.87E-143 47405000 1684600 966070 0 0 0 5161000 6962900 898410000 55839000 0 0 0 0 0 0 0 6352300 3173700000 51866000 421000 375430000 336870000 10326000 0 0 1768300 0 6068100 0 0 1866500000 2988700000 57602000 0 0 0 0 0 0 620

P07814 P07814 Bifunctional glutamate/proline--tRNA ligase;Glutamate--tRNA ligase;Proline--tRNA ligase EPRS >sp|P07814|SYEP_HUMAN Bifunctional glutamate/proline--tRNA ligase OS=Homo sapiens GN=EPRS PE=1 SV=5 1 105 105 104 70.7 0 213360000 331240000 4228500000 1037600000
823970000 1388900000 270310000 93831000 18243000 13779000 3350900 606700000 14594000000 906190000 257280000 645480000 10405000 5634500 0 7086500 0 0 0 0 0 0 8265.7 8448000 416850000 752510000 0 0 0 0 0 6649600
3441000 87993000 1092000000 4213800000 621
P07858 P07858 Cathepsin B;Cathepsin B light chain;Cathepsin B heavy chain CTSB >sp|P07858|CATB_HUMAN Cathepsin B OS=Homo sapiens GN=CTSB PE=1 SV=3 1 12 12 12 40.7 3.15E-147 0 0 0 0 0 0 959000 45206000 22992000 5522700 0 0 0 0 0 0 0
81115000 19903000 0 343070000 27872000 84784000 1222800 0 0 0 0 0 0 1043400000 12780000 512090000 16612000 0 0 0 0 19515000 27977000 622
P07900;Q14568 P07900 Heat shock protein HSP 90-alpha HSP90AA1 >sp|P07900|HS90A_HUMAN Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5 2 66 46 40 75.5 0 349280000 92673000 410390000 3360900000 9404500000 1287100000 553530000
358270000 43523000 262180000 3792100 38311000 40355000 14378000000 6109000000 233460000 75312000 36345000 8557600 95637000 0 716870 32431000 33741000 30060000 35540000 0 936380000 14674000000 210350000 429430 859650 295600000
8313800 24004000 4426100 18652000 10829000000 9005400000 1246200000 623
P07902;G3V4G9 P07902;G3V4G9 Galactose-1-phosphate uridylyltransferase GALT >sp|P07902|GALT_HUMAN Galactose-1-phosphate uridylyltransferase OS=Homo sapiens GN=GALT PE=1 SV=3;>tr|G3V4G9|G3V4G9_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=4 SV=1 2 6 6 6 19.3
1.87E-17 0 0 0 0 0 2414900 31494000 2175500 0 0 0 0 0 0 126780000 0 0 0 0 0 4080300 34520000 0 0 0 0 0 0 0 5342300 172930000 1046600 0 0 0 0 624
P07910;P0DMR1;O60812;B7ZW38;B2RXH8;Q86SE5 P07910 Heterogeneous nuclear ribonucleoproteins C1/C2 HNRNPC >sp|P07910|HNRPC_HUMAN Heterogeneous nuclear ribonucleoproteins C1/C2 OS=Homo sapiens GN=HNRNPC PE=1 SV=4 6 16 16 16 44.1 4.58E-89 0 0 0 0 0 0
6385000 7784300 391880 0 0 0 0 0 0 0 27425000 37779000 0 0 0 0 0 0 0 3371400 103960 15124000 935130000 93638000 0 0 15874000 25268000 53798000 35876000 45297000 337810000 1671400000 2113300000 625
P07942 P07942 Laminin subunit beta-1 LAMB1 >sp|P07942|LAMB1_HUMAN Laminin subunit beta-1 OS=Homo sapiens GN=LAMB1 PE=1 SV=2 1 12 12 12 9.2 1.50E-50 477870 8203400 20872000 21012000 4428100 1530600 0 0 0 0 1093300 135380000 6188300 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 63759000 37315000 0 0 0 0 0 0 0 0 0 0 4932100 626
P07954 P07954 "Fumarate hydratase, mitochondrial" FH ">sp|P07954|FUMH_HUMAN Fumarate hydratase, mitochondrial OS=Homo sapiens GN=FH PE=1 SV=3" 1 29 29 29 66.9 0 0 0 298760 1058100 26557000 342380000 1977800000 100180000 19213000 48137000 0 0
0 2240700 0 1709100000 3927800000 16469000 9194200 16432000 0 0 561340 0 1641800000 871440000 0 0 0 0 0 0 0 530250000 9482400000 234530000 46642000 73476000 0 0 627
P08047 P08047 Transcription factor Sp1 SP1 >sp|P08047|SP1_HUMAN Transcription factor Sp1 OS=Homo sapiens GN=SP1 PE=1 SV=3 1 1 1 1 3.6 6.06E-19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 26300000 12301000 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 629
P08133 P08133 Annexin A6 ANXA6 >sp|P08133|ANXA6_HUMAN Annexin A6 OS=Homo sapiens GN=ANXA6 PE=1 SV=3 1 61 61 61 78.2 0 46381000 3240600 35862000 63437000 3773100000 2218500000 124610000 119370000 33269000 62600000 0 0 3904700 42070000
12665000000 431320000 243200000 28087000 7676800 16334000 0 1239900 1220300000 0 0 0 0 0 0 2189600 0 7401500000 4169500 0 0 0 0 0 0 630
P08134 P08134 Rho-related GTP-binding protein RhoC RHOC >sp|P08134|RHOC_HUMAN Rho-related GTP-binding protein RhoC OS=Homo sapiens GN=RHOC PE=1 SV=1 1 10 3 2 54.9 4.03E-105 0 0 0 0 0 0 0 5441500 18860000 0 1779700 0 0 0 0 0 0 0
194180000 0 0 0 0 0 0 0 0 0 0 0 0 5984900 1335400 0 0 0 0 0 0 362420 356630 631
P08195 P08195 4F2 cell-surface antigen heavy chain SLC3A2 >sp|P08195|4F2_HUMAN 4F2 cell-surface antigen heavy chain OS=Homo sapiens GN=SLC3A2 PE=1 SV=3 1 12 12 12 27.5 7.78E-40 0 221630 1155100 3330000 7824900 1208400 0 0 0 0 0 6900200 152230000 272210000
49735000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 632
P08236 P08236 Beta-glucuronidase GUSB >sp|P08236|BGLR_HUMAN Beta-glucuronidase OS=Homo sapiens GN=GUSB PE=1 SV=2 1 11 11 11 22 1.49E-44 1797200 253860 369830 1705300 77535000 23958000 0 0 3892200 1886600 0 0 0 0 196370000 5210500 0 0 0
3268300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 633
P08237 P08237 "6-phosphofructokinase, muscle type" PFKM ">sp|P08237|PFKAM_HUMAN ATP-dependent 6-phosphofructokinase, muscle type OS=Homo sapiens GN=PFKM PE=1 SV=2" 1 35 33 32 51.4 0 313800000 41370000 44941000 80324000 643800000 74261000 14538000
3106600 0 0 1900800 1283700 1838200 630330000 2583300000 19771000 2851000 0 0 0 0 0 0 0 2370800 844710000 107910000 3462100 0 0 0 0 0 36338000 252250000 9387700000 5041500000 16685000 3801000 0 634
P08238;Q58FF7 P08238 Heat shock protein HSP 90-beta HSP90AB1 >sp|P08238|HS90B_HUMAN Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4 2 73 71 42 85.5 0 2474400000 492460000 1407800000 6740800000 19944000000 4037800000 2033000000 1051800000
333100000 245890000 41064000 218060000 300010000 29676000000 18029000000 1025600000 492410000 217100000 44708000 62620000 1986300 0 162770000 258010000 248980000 216690000 40639000 4893700000 26561000000 1124700000 5306000 5621500
2040400000 211380000 1252900000 297360000 418160000 30259000000 21915000000 8636700000 635
P08243 P08243 Asparagine synthetase [glutamine-hydrolyzing] ASNS >sp|P08243|ASNS_HUMAN Asparagine synthetase [glutamine-hydrolyzing] OS=Homo sapiens GN=ASNS PE=1 SV=4 1 31 31 31 69.5 8.28E-265 3134400000 205400000 209550000 171440000 225860000 553110000 23716000
19952000 16345000 16991000 6076200 0 5504000 3699200 67292000 2478500000 3287500 26907000 4484000 0 0 0 0 0 0 821320000 97950000 62785000 175480000 843510000 0 0 0 295760 424860000 3388300000 1862800000 53002000 106390000
1650700000 636
P08263 P08263 Glutathione S-transferase A1 GSTA1 >sp|P08263|GSTA1_HUMAN Glutathione S-transferase A1 OS=Homo sapiens GN=GSTA1 PE=1 SV=3 1 7 7 1 26.6 3.49E-19 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 36561 103040000 441360000
256920000 676570000 39829000 37277000 32622000 9301100 0 0 51054000 1127900000 802820000 1801100000 1013200000 482070000 163600000 280080000 637
P08397 P08397 Porphobilinogen deaminase HMBS >sp|P08397|HEM3_HUMAN Porphobilinogen deaminase OS=Homo sapiens GN=HMBS PE=1 SV=2 1 16 16 16 41.3 1.22E-158 0 0 0 0 0 0 92299000 11766000 0 6225900 0 0 0 0 0 0 214270000 0 0 0 0 0
0 0 227770000 14515000 0 0 0 0 0 0 0 35090000 3413800000 243640000 4949800 0 0 0 638
P08559;P29803 P08559 "Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial" PDHA1 ">sp|P08559|ODPA_HUMAN Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial OS=Homo sapiens GN=PDHA1 PE=1 SV=3" 2 21 21 21 53.6 4.57E-132 4927400 0
0 0 880340 3707900 320730000 121730000 22676000 14150000 0 0 0 0 0 1510000000 182400000 13396000 1619000 0 0 0 211410000 440500 0 0 0 0 0 0 0 0 280550000 24171000 0 0 0 0 0 639
P08572 P08572 Collagen alpha-2(IV) chain;Canstatin COL4A2 >sp|P08572|CO4A2_HUMAN Collagen alpha-2(IV) chain OS=Homo sapiens GN=COL4A2 PE=1 SV=4 1 2 2 2 1.3 5.40E-07 0 0 0 0 0 0 0 0 0 0 0 17356000 1452900 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 640
P08579 P08579 U2 small nuclear ribonucleoprotein B SNRPB2 >sp|P08579|RU2B_HUMAN U2 small nuclear ribonucleoprotein B OS=Homo sapiens GN=SNRPB2 PE=1 SV=1 1 8 6 6 37.3 7.11E-26 0 0 0 0 0 0 10661000 24537000 5937100 0 0 0 0 0 0 0 65487000
1854200 10399000 0 0 0 0 0 0 0 0 0 0 3770000 372400 561150 92039000 16517000 103140000 357200 641
P08621 P08621 U1 small nuclear ribonucleoprotein 70 kDa SNRNP70 >sp|P08621|RU17_HUMAN U1 small nuclear ribonucleoprotein 70 kDa OS=Homo sapiens GN=SNRNP70 PE=1 SV=2 1 10 10 10 27 1.83E-27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 49777000 12940000 0
0 0 0 0 0 0 0 0 0 110370000 23186000 0 0 0 0 0 0 8425500 118210000 7472500 642
P08670;P17661;P41219 P08670 Vimentin VIM>sp|P08670|VIME_HUMAN Vimentin OS=Homo sapiens GN=VIM PE=1 SV=4 3 32 28 27 62.2 3.30E-142 0 0 0 845960 38249000 618650000 320450000 89254000 125120000 3783100 0 0 0 0 1160100 4154400000 629180000
98333000 995360000 23514000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 643
P08708;H3BNC9 P08708 40S ribosomal protein S17 RPS17 >sp|P08708|RS17_HUMAN 40S ribosomal protein S17 OS=Homo sapiens GN=RPS17 PE=1 SV=2 2 9 9 9 63 6.88E-108 0 0 0 0 0 0 125410 697210000 39470000 0 0 0 0 0 0 0 1952200
5573300000 94134000 0 0 1281900 0 817150000 347000000 5971700 268960000 439980000 15308000 0 0 0 73959000 1509000000 1622900000 1076300000 568720000 584460000 214300000 644
P08754 P08754 Guanine nucleotide-binding protein G(k) subunit alpha GNAI3 >sp|P08754|GNAI3_HUMAN Guanine nucleotide-binding protein G(k) subunit alpha OS=Homo sapiens GN=GNAI3 PE=1 SV=3 1 3 1 1 9.6 5.21E-09 0 0 0 0 0 0 1817400 0 0 0 0 0 0 0 0 0
35064000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 645
P08758 P08758 Annexin A5 ANXA5 >sp|P08758|ANXA5_HUMAN Annexin A5 OS=Homo sapiens GN=ANXA5 PE=1 SV=2 1 51 51 51 92.8 0 2336900 298510 1513500 1613700 4483400 32952000 84444000 7652400000 1000000000 345810000 13013000 0 0 0 0 2581400
45816000 24243000000 1520800000 518040000 8194300000 201280000 0 0 0 0 0 0 0 8263500000 158000000 30909000 0 0 0 0 0 0 0 646
P08865 P08865 40S ribosomal protein SA RPSA >sp|P08865|RSSA_HUMAN 40S ribosomal protein SA OS=Homo sapiens GN=RPSA PE=1 SV=41 17 17 17 63.4 1.46E-228 35514000 2557300 2573500 2954400 15573000 58915000 2389400000 1419300000 266280000 247830000 1008300 0
0 0 0 3669400 11050000000 3780800000 425030000 302240000 0 0 0 20902000 617180000 1616100000 196720000 1192200000 1186900000 620410000 0 0 0 169730000 6858700000 1894700000 1173900000 2989400000 417750000 709400000 647
P09001 P09001 "39S ribosomal protein L3, mitochondrial" MRPL3 ">sp|P09001|RM03_HUMAN 39S ribosomal protein L3, mitochondrial OS=Homo sapiens GN=MRPL3 PE=1 SV=1" 1 4 4 4 12.4 7.54E-10 0 0 0 0 0 0 0 0 10002000 0 0 0 0 0 0 0 0 0 43292000 0 0
0 0 0 0 0 0 0 0 42361000 0 0 0 0 0 0 0 0 0 0 0 648
P09012 P09012 U1 small nuclear ribonucleoprotein A SNRPA >sp|P09012|SNRPA_HUMAN U1 small nuclear ribonucleoprotein A OS=Homo sapiens GN=SNRPA PE=1 SV=3 1 10 10 8 36.2 7.34E-64 0 0 0 0 0 0 337130 73192000 1765700 950300 0 0 0 0 0 0 35400000
305960000 0 0 0 0 0 0 0 0 0 2655700 23967000 1745900 0 0 0 31131000 3033500 0 0 23769000 153360000 0 649
P09104 P09104 Gamma-enolase ENO2 >sp|P09104|ENOG_HUMAN Gamma-enolase OS=Homo sapiens GN=ENO2 PE=1 SV=3 1 21 15 15 68.2 1.08E-258 0 0 0 0 0 7535600 245960000 28609000 4819000 4522500 0 0 0 0 0 0 976350000 9696200 1985400 4184400 0
0 0 9920200 0 0 0 0 0 0 0 0 94435000 0 0 0 0 0 0 0 650
P09110 P09110 "3-ketoacyl-CoA thiolase, peroxisomal" ACAA1 ">sp|P09110|THIK_HUMAN 3-ketoacyl-CoA thiolase, peroxisomal OS=Homo sapiens GN=ACAA1 PE=1 SV=2" 1 6 6 6 21.2 1.97E-20 0 0 0 0 0 0 7232900 4332100 0 0 0 0 0 0 0 1210700 46615000
29410000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 651
P09132 P09132 Signal recognition particle 19 kDa protein SRP19 >sp|P09132|SRP19_HUMAN Signal recognition particle 19 kDa protein OS=Homo sapiens GN=SRP19 PE=1 SV=3 1 4 4 4 29.9 5.74E-26 0 0 0 0 0 0 0 0 1884900 1456200 0 0 0 0 0 0 0 0 36022000 0
0 0 0 0 0 0 0 0 2887300 458280 0 0 0 0 0 1024800 0 0 652
P09211 P09211 Glutathione S-transferase P GSTP1 >sp|P09211|GSTP1_HUMAN Glutathione S-transferase P OS=Homo sapiens GN=GSTP1 PE=1 SV=2 1 17 17 17 71 0 120520000 10941000 8540700 7572500 10790000 18171000 107800000 1248800000 6150000000 738490000 39498000
0 1557900 0 0 9072600 12996000 508120000 33358000000 1322400000 201860000 19449000 650560 3212000000 2320600000 856800000 177360000 431030000 1367000000 254910000 0 0 689190000 10705000000 5910100000 4064400000 2368700000 1831400000
1291300000 2157900000 653
P09234 P09234 U1 small nuclear ribonucleoprotein C SNRPC >sp|P09234|RU1C_HUMAN U1 small nuclear ribonucleoprotein C OS=Homo sapiens GN=SNRPC PE=1 SV=1 1 1 1 1 7.5 8.32E-27 0 0 0 0 0 0 0 0 15328000 0 0 0 0 0 0 0 0 14872000 0 0 0
0 0 0 0 0 3052400 3572200 0 0 0 0 0 0 0 0 34169000 20962000 654
P09327;O75366 P09327 Villin-1 VIL1 >sp|P09327|VILI_HUMAN Villin-1 OS=Homo sapiens GN=VIL1 PE=1 SV=4 2 32 32 32 38.7 4.48E-297 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1831000000 232850000 0 0
0 0 0 0 0 1529000 4048300000 2263400000 655
P09382 P09382 Galectin-1 LGALS1 >sp|P09382|LEG1_HUMAN Galectin-1 OS=Homo sapiens GN=LGALS1 PE=1 SV=2 1 8 8 8 63 1.61E-67 0 0 0 0 0 0 0 0 0 20525000 324480000 47463000 0 0 0 0 0 0 0 19827000 2141900000 33650000 0 0 0
0 0 0 0 0 0 26111000 8137500 0 0 0 0 0 0 0 0 0 656
P09417 P09417 Dihydropteridine reductase QDPR >sp|P09417|DHPR_HUMAN Dihydropteridine reductase OS=Homo sapiens GN=QDPR PE=1 SV=2 1 12 12 12 60.2 7.39E-158 3440300 229760 0 0 0 0 506210 233810000 9003900 402130 0 0 2625300 0 0 0 0 249990000 0
0 0 279000000 161580000 1288800 0 0 0 0 0 0 621090 191410000 1307500000 0 0 0 0 0 0 0 657
P09429;B2RPK0 P09429;B2RPK0 High mobility group protein B1;Putative high mobility group protein B1-like 1 HMGB1;HMGB1P1 >sp|P09429|HMGB1_HUMAN High mobility group protein B1 OS=Homo sapiens GN=HMGB1 PE=1 SV=3;>sp|B2RPK0|HGB1A_HUMAN Putative high mobility group protein B1-like 1
OS=Homo sapiens GN=HMGB1P1 PE=5 SV=1 2 19 19 16 63.7 5.02E-156 0 0 0 0 0 0 9830100 1719500000 66113000 50583000 0 0 0 0 0 0 2424400 2056300000 33057000 38922000 425260000 1028900000 19625000 0 0 0 0 0 0 0
2093700000 196690000 65933000 0 0 0 0 0 0 658
P09455 P09455 Retinol-binding protein 1 RBP1 >sp|P09455|RET1_HUMAN Retinol-binding protein 1 OS=Homo sapiens GN=RBP1 PE=1 SV=2 1 3 3 3 22.2 1.10E-13 0 0 0 0 0 0 0 0 2094000 0 0 0 0 0 0 0 0 0 3078700 39679000 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 659
P09488 P09488 Glutathione S-transferase Mu 1 GSTM1 >sp|P09488|GSTM1_HUMAN Glutathione S-transferase Mu 1 OS=Homo sapiens GN=GSTM1 PE=1 SV=3 1 18 17 5 72.5 8.55E-84 0 0 0 0 0 0 0 460430000 193700000 14799000 0 0 0 0 0 0 0 1553500000
1108800000 10417000 0 0 0 0 0 0 0 0 0 2016500 1844800 52417000 0 0 0 0 0 0 0 660
P09493 P09493 Tropomyosin alpha-1 chain TPM1 >sp|P09493|TPM1_HUMAN Tropomyosin alpha-1 chain OS=Homo sapiens GN=TPM1 PE=1 SV=2 1 34 19 12 67.3 2.75E-158 0 483200 1244800 464170 13796000 3928900 20634000 391540000 12209000 3448500 0 467010 0 0 0
0 4528300 784110000 656590 7738900 0 0 0 0 0 0 2533500 8257600 0 0 0 0 0 3695500 27726000 30817000 393980000 149630000 173710 122570 661
P09496 P09496 Clathrin light chain A CLTA >sp|P09496|CLCA_HUMAN Clathrin light chain A OS=Homo sapiens GN=CLTA PE=1 SV=1 1 6 6 6 16.9 6.67E-13 0 0 0 0 0 0 2201800 135550000 29648000 1678400 0 0 0 0 0 0 0 208050000 306490000 19929000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 662
P09497 P09497 Clathrin light chain B CLTB >sp|P09497|CLCB_HUMAN Clathrin light chain B OS=Homo sapiens GN=CLTB PE=1 SV=1 1 4 4 4 11.4 1.51E-08 0 0 0 0 0 0 1171900 199980 9744400 453800 0 0 0 0 0 0 10064000 50813000 10416000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 663
P09525 P09525 Annexin A4 ANXA4 >sp|P09525|ANXA4_HUMAN Annexin A4 OS=Homo sapiens GN=ANXA4 PE=1 SV=4 1 27 27 27 71.2 1.95E-271 0 0 0 0 0 0 777010 309670000 11199000 0 0 0 0 0 0 0 1778000 1419100000 7085900 1462200 0 909770000
75316000 677260 0 0 0 0 0 0 1761000000 92129000 1519600 0 0 0 0 0 0 664
P09543 P09543 "2,3-cyclic-nucleotide 3-phosphodiesterase" CNP">sp|P09543|CN37_HUMAN 2,3-cyclic-nucleotide 3-phosphodiesterase OS=Homo sapiens GN=CNP PE=1 SV=2" 1 9 9 9 22.8 1.40E-33 0 0 0 0 0 0 21888000 0 0 0 0 0 0 0 0 0 102650000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 185040 569600 0 0 0 0 0 0 665
P09622 P09622 "Dihydrolipoyl dehydrogenase, mitochondrial" DLD ">sp|P09622|DLDH_HUMAN Dihydrolipoyl dehydrogenase, mitochondrial OS=Homo sapiens GN=DLD PE=1 SV=2" 1 16 16 16 40.1 1.67E-83 127290000 12987000 13525000 13173000 31220000 351530000 292160000
31983000 0 0 91215 0 0 0 0 1502600000 62223000 16334000 0 0 0 0 0 0 0 11711000 4397600 0 0 22789000 0 0 0 0 0 108620000 2008400 0 0 35589000 666
P09651;Q32P51 P09651;Q32P51 Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1-like 2 HNRNPA1;HNRNPA1L2 >sp|P09651|ROA1_HUMAN Heterogeneous nuclear ribonucleoprotein A1 OS=Homo sapiens GN=HNRNPA1 PE=1 SV=5;>sp|Q32P51|RA1L2_HUMAN Heterogeneous
nuclear ribonucleoprotein A1-like 2 OS=Homo sapiens GN=HNRNPA1L2 PE=2 SV=2 2 25 25 22 49.5 3.57E-295 826450 537850 970900 869990 1542700 6914000 73868000 219470000 14964000 45909000 0 0 0 0 0 512850 373760000 1920400000 45371000 78783000 0
607100 109740000 27685000 674210000 56074000 466900 0 0 0 215410000 167500000 541450000 2609400000 5190600000 195110000 93270000 14881000 11314000 16184000 667
P09661 P09661 U2 small nuclear ribonucleoprotein A SNRPA1 >sp|P09661|RU2A_HUMAN U2 small nuclear ribonucleoprotein A OS=Homo sapiens GN=SNRPA1 PE=1 SV=2 1 10 10 10 36.9 4.78E-51 0 0 0 0 0 0 184160000 7815900 1094700 0 0 0 0 0 0 0 373270000 0
1468200 0 0 0 2933100 1705200 8793700 518970 39589000 0 0 0 2535400 399890000 117920000 267060000 2361300000 25944000 5969700 0 668
P09874 P09874 Poly [ADP-ribose] polymerase 1 PARP1 >sp|P09874|PARP1_HUMAN Poly [ADP-ribose] polymerase 1 OS=Homo sapiens GN=PARP1 PE=1 SV=4 1 23 23 23 27.9 2.26E-89 0 0 855380 2699900 7915700 41427000 5752100 0 0 0 0 0 4902100 42187000 8707700 36878000
0 7734000 0 0 29520000 0 0 212410000 0 2538400 55516 0 0 0 15320000 6826100 813400 168000000 78548000 11967000 2844400 0 0 0 669
P09884 P09884 DNA polymerase alpha catalytic subunit POLA1 >sp|P09884|DPOLA_HUMAN DNA polymerase alpha catalytic subunit OS=Homo sapiens GN=POLA1 PE=1 SV=2 1 15 15 15 14.5 8.41E-51 34012000 8256600 38442000 12775000 6398500 4774300 0 0 0 0 0 91720000
91354000 1814600 2360400 674280 1936300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 670
P09936 P09936 Ubiquitin carboxyl-terminal hydrolase isozyme L1 UCHL1 >sp|P09936|UCHL1_HUMAN Ubiquitin carboxyl-terminal hydrolase isozyme L1 OS=Homo sapiens GN=UCHL1 PE=1 SV=2 1 13 13 13 58.7 2.40E-186 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1635900000 151690000 64612000 771500 2192300 10257000 0 0 0 0 2786700000 25703000 45867000 1174200 0 0 0 0 0 671
P09960 P09960 Leukotriene A-4 hydrolase LTA4H >sp|P09960|LKHA4_HUMAN Leukotriene A-4 hydrolase OS=Homo sapiens GN=LTA4H PE=1 SV=2 1 40 40 40 68.9 0 381130000 23148000 35400000 42032000 205880000 2109900000 291700000 83185000 126960000 10847000
680150 0 1291900 14943000 4305700000 2792700000 221920000 26163000 39726000 0 0 0 0 1527000000 191140000 44480000 0 0 0 0 6751900 2198700000 2624300000 25092000 0 0 0 0 672
P09972 P09972 Fructose-bisphosphate aldolase C ALDOC >sp|P09972|ALDOC_HUMAN Fructose-bisphosphate aldolase C OS=Homo sapiens GN=ALDOC PE=1 SV=2 1 25 17 17 67.6 1.23E-241 0 0 0 0 486400 44923000 1621600000 819000000 145850000 45055000 0 0 0 0 0
4815000 11252000000 325440000 120490000 65211000 0 0 0 380170000 807290 0 0 0 0 0 4460500 1031400000 11616000 2764100 0 0 0 0 673
P0CG06;P0CG05;P0CG04;P0CF74;A0M8Q6;B9A064 P0CG06;P0CG05;P0CG04;P0CF74;A0M8Q6;B9A064 Ig lambda-3 chain C regions;Ig lambda-2 chain C regions;Ig lambda-1 chain C regions;Ig lambda-6 chain C region;Ig lambda-7 chain C region;Immunoglobulin lambda-like polypeptide 5
IGLC3;IGLC2;IGLC1;IGLC6;IGLC7;IGLL5 >sp|P0CG06|LAC3_HUMAN Ig lambda-3 chain C regions OS=Homo sapiens GN=IGLC3 PE=1 SV=1;>sp|P0CG05|LAC2_HUMAN Ig lambda-2 chain C regions OS=Homo sapiens GN=IGLC2 PE=1 SV=1;>sp|P0CG04|LAC1_HUMAN Ig lambda-1 chain C regions OS=Homo sapiens
GN=IGLC1 PE=1 SV=1;> 6 2 2 2 23.6 3.55E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 676
P0CG30;P0CG29 P0CG30;P0CG29 Glutathione S-transferase theta-2B;Glutathione S-transferase theta-2 GSTT2B;GSTT2 >sp|P0CG30|GSTT2_HUMAN Glutathione S-transferase theta-2B OS=Homo sapiens GN=GSTT2B PE=1 SV=1;>sp|P0CG29|GST2_HUMAN Glutathione S-transferase theta-2 OS=Homo sapiens GN=GSTT2
PE=1 SV=1 2 11 11 10 73 1.37E-93 0 0 0 0 0 0 0 0 36849000 99820000 7691700 0 0 0 0 0 0 0 109040000 158450000 6451100 0 0 0 0 705910 95078000 0 0 0 0 0 0 0 0 191700000 179270000 0 0 0 0 0 677
P0DMN0;P0DMM9;P50225;P50226 P0DMN0;P0DMM9;P50225 Sulfotransferase 1A1 SULT1A1 >sp|P0DMN0|ST1A4_HUMAN Sulfotransferase 1A4 OS=Homo sapiens GN=SULT1A4 PE=1 SV=1;>sp|P0DMM9|ST1A3_HUMAN Sulfotransferase 1A3 OS=Homo sapiens GN=SULT1A3 PE=1
SV=1;>sp|P50225|ST1A1_HUMAN Sulfotransferase 1A1 OS=Homo sapiens GN=SULT1A1 PE=1 SV=3 4 8 8 8 35.6 1.36E-30 0 0 0 0 0 0 0 0 3962500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 41382000 93253000 0 0 0 0 0 0 0 9038600
160070000 775930000 18203000 6668300 0 0 679
P0DMV9;P0DMV8 P0DMV9;P0DMV8 >sp|P0DMV9|HS71B_HUMAN Heat shock 70 kDa protein 1B OS=Homo sapiens GN=HSPA1B PE=1 SV=1;>sp|P0DMV8|HS71A_HUMAN Heat shock 70 kDa protein 1A OS=Homo sapiens GN=HSPA1A PE=1 SV=1 2 47 42 26 73.9 0 450310000 26845000
64175000 124840000 2586400000 6913600000 620710000 239140000 254710000 130760000 4199400 5938400 23208000 62723000 28560000000 3842800000 381480000 181250000 199140000 129410000 0 21135000 2220600000 741190000 664630000 621030000
72254000 864340000 2012300000 892010000 927650 554510000 13727000000 1970800000 3447400000 1700700000 1025200000 1104900000 841580000 2286000000 680
P10109 P10109 "Adrenodoxin, mitochondrial" FDX1 ">sp|P10109|ADX_HUMAN Adrenodoxin, mitochondrial OS=Homo sapiens GN=FDX1 PE=1 SV=1" 1 7 7 7 37.5 7.27E-33 0 0 0 0 0 0 0 0 0 64669000 0 0 0 0 0 0 0 0 0 77197000 0 1599700 0 0
0 0 0 0 0 0 77529000 1028400 0 0 0 0 0 0 0 0 0 683
P10155 P10155 60 kDa SS-A/Ro ribonucleoprotein TROVE2 >sp|P10155|RO60_HUMAN 60 kDa SS-A/Ro ribonucleoprotein OS=Homo sapiens GN=TROVE2 PE=1 SV=2 1 17 17 17 35.5 1.17E-72 261520000 7696000 9568000 13795000 53757000 679360000 59097000 11097000 0 0
549750 0 0 0 2375700 1696100000 18973000 0 0 0 0 0 4034600 0 566990 13940000 2386200 51332000 128680000 4684600 0 0 0 4106200 0 5825300 0 0 0 0 684
P10253 P10253 Lysosomal alpha-glucosidase;76 kDa lysosomal alpha-glucosidase;70 kDa lysosomal alpha-glucosidase GAA >sp|P10253|LYAG_HUMAN Lysosomal alpha-glucosidase OS=Homo sapiens GN=GAA PE=1 SV=4 1 16 16 16 24.9 1.81E-97 0 0 407260 44798000 80939000 16225000
1576700 1169900 60086000 1588500 0 0 0 88457000 128260000 0 0 0 71469000 938500 0 0 0 307150 1275600 48168000 22320000 0 0 0 0 0 40340000 283250000 21257000 14208000 0 0 685
P10412 P10412 Histone H1.4 HIST1H1E >sp|P10412|H14_HUMAN Histone H1.4 OS=Homo sapiens GN=HIST1H1E PE=1 SV=2 1 17 5 5 44.7 1.55E-70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1335800 0 0 9711300 0 0 0 0 0 0 0 0 0
21922000 0 0 0 0 0 0 0 0 0 686
P10515 P10515 "Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial" DLAT ">sp|P10515|ODP2_HUMAN Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial OS=Homo sapiens GN=DLAT PE=1 SV=3" 1 8 8
8 14.4 1.21E-93 1791800 0 0 2280900 30769000 94123000 1230700 1032800 0 0 0 0 0 5028900 146290000 8577300 0 0 0 0 0 0 0 0 0 0 0 0 1640000 672820000 348910000 0 0 0 0 0 0 0 0 0 0 687
P10586 P10586 Receptor-type tyrosine-protein phosphatase F PTPRF >sp|P10586|PTPRF_HUMAN Receptor-type tyrosine-protein phosphatase F OS=Homo sapiens GN=PTPRF PE=1 SV=2 1 10 10 10 6.3 2.46E-74 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 2590700 0 0 640820 0 0 0 0 0 0 0 17296000 239170000 0 0 0 688

P10599 P10599 Thioredoxin TXN >sp|P10599|THIO_HUMAN Thioredoxin OS=Homo sapiens GN=TXN PE=1 SV=31 11 11 11 66.7 1.62E-106 39191000 1021700 0 0 0 4272400 9673500 105340000 31262000 1842900000 103200000 2628900 0 0 7420500 8748900 3226700
3308900 92614000 7983900000 146810000 132330000 49281000 0 0 0 0 0 20421000 0 2959200000 41060000 36980000 6321800 0 0 0 0 0 0 689
P10606 P10606 "Cytochrome c oxidase subunit 5B, mitochondrial" COX5B ">sp|P10606|COX5B_HUMAN Cytochrome c oxidase subunit 5B, mitochondrial OS=Homo sapiens GN=COX5B PE=1 SV=2" 1 3 3 3 19.4 2.67E-06 0 0 0 0 0 0 0 0 0 0 15130000 0 0 0 0 0 0 0 0
0 92820000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 690
P10619 P10619 Lysosomal protective protein;Lysosomal protective protein 32 kDa chain;Lysosomal protective protein 20 kDa chain CTSA >sp|P10619|PPGB_HUMAN Lysosomal protective protein OS=Homo sapiens GN=CTSA PE=1 SV=2 1 4 4 4 10.8 2.66E-13 0 0 0 0 0 0 0 0 62459000
2290500 0 0 0 0 0 0 50256000 6921900 214780000 2423800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 691
P10644;P31321 P10644 "cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase type I-alpha regulatory subunit, N-terminally processed" PRKAR1A >sp|P10644|KAP0_HUMAN cAMP-dependent protein kinase type I-alpha regulatory subunit OS=Homo sapiens GN=PRKAR1A PE=1
SV=1 2 17 17 17 43 3.39E-62 6745200 440810 1334500 6707200 6003600 147740000 724440000 37285000 13013000 1249100 0 0 207000 598210000 7553000 99280000 1019100000 0 1498700 0 0 0 0 0 0 0 0 0 0 0 64343000 0 0 0 0 0 0
0 0 0 163570000 692
P10746 P10746 Uroporphyrinogen-III synthase UROS >sp|P10746|HEM4_HUMAN Uroporphyrinogen-III synthase OS=Homo sapiens GN=UROS PE=1 SV=1 1 4 4 4 25.7 2.17E-14 0 0 0 0 0 0 0 11968000 0 0 0 0 0 0 0 0 0 8892700 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 693
P10768 P10768 S-formylglutathione hydrolase ESD >sp|P10768|ESTD_HUMAN S-formylglutathione hydrolase OS=Homo sapiens GN=ESD PE=1 SV=2 1 14 14 14 74.1 3.60E-168 0 0 0 0 0 0 451990 610330000 112030000 5529000 0 0 0 0 0 0 0 1317200000 14022000
8844100 0 2343200 78221 274380000 0 0 0 0 0 0 0 1854800000 512680000 0 0 0 0 0 0 694
P10809 P10809 "60 kDa heat shock protein, mitochondrial" HSPD1 ">sp|P10809|CH60_HUMAN 60 kDa heat shock protein, mitochondrial OS=Homo sapiens GN=HSPD1 PE=1 SV=2" 1 61 61 61 82 0 1609900000 78040000 212990000 322140000 3680300000 24637000000 4065900000 3088000000
594890000 656980000 635050000 13297000 201310000 298120000 4603700000 55978000000 3800100000 2378500000 1227900000 773150000 0 0 0 0 0 52750000 55562000 36615000 20097000 959430000 0 0 0 0 9173600 40072000 104820000
42628000 30903000 5918400000 695
P10909 P10909 Clusterin;Clusterin beta chain;Clusterin alpha chain CLU >sp|P10909|CLUS_HUMAN Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1 1 12 12 12 29.2 1.27E-44 0 0 3548400 4599700 35888000 159050000 24195000 10867000 1803900 0 0 0 2275200 1329100
309860000 108510000 20349000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 696
P11021 P11021 78 kDa glucose-regulated protein HSPA5 >sp|P11021|GRP78_HUMAN 78 kDa glucose-regulated protein OS=Homo sapiens GN=HSPA5 PE=1 SV=21 59 59 58 68.3 0 576540000 74241000 264080000 381400000 10316000000 5513700000 764460000 796700000 197180000
155490000 10844000 9859800 79740000 155190000 28577000000 849080000 244900000 216710000 91869000 158020000 8986900 2703400000 1160400000 1607800000 624340000 419080000 67924000 424300000 1530200000 417880000 519120000 3348500000
8649900000 3872200000 4292600000 2176600000 1649200000 1454600000 1068600000 1944600000 697
P11047 P11047 Laminin subunit gamma-1 LAMC1 >sp|P11047|LAMC1_HUMAN Laminin subunit gamma-1 OS=Homo sapiens GN=LAMC1 PE=1 SV=31 8 8 8 5.7 1.06E-70 0 0 0 0 0 0 0 0 0 0 736240 27406000 4302100 0 0 0 0 0 0 0 0 0 0 0 0
0 0 26868000 1654600 0 0 0 0 0 0 0 152940000 6238000 5345900 698
P11117 P11117 Lysosomal acid phosphatase ACP2 >sp|P11117|PPAL_HUMAN Lysosomal acid phosphatase OS=Homo sapiens GN=ACP2 PE=1 SV=3 1 8 8 8 22 1.32E-40 0 0 0 0 793710 14668000 6489600 0 0 0 0 0 0 0 0 43742000 7986500 0 0 0 0 0
31471000 0 0 0 0 0 0 0 0 964700 21443000 0 0 0 0 0 0 0 0 699
P11137 P11137 Microtubule-associated protein 2 MAP2 >sp|P11137|MTAP2_HUMAN Microtubule-associated protein 2 OS=Homo sapiens GN=MAP2 PE=1 SV=4 1 7 7 7 4.7 1.36E-20 0 201210 309460 0 0 0 0 0 0 0 0 23771000 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 700
P11142 P11142 Heat shock cognate 71 kDa protein HSPA8 >sp|P11142|HSP7C_HUMAN Heat shock cognate 71 kDa protein OS=Homo sapiens GN=HSPA8 PE=1 SV=1 1 53 52 36 83.7 0 1648800000 138330000 361810000 552140000 10782000000 10690000000 1339900000 1425200000 482410000
191650000 33330000 15179000 70594000 259360000 44182000000 1999000000 726840000 667960000 307610000 325260000 12920000 161580000 2804900000 2505200000 1759800000 2301300000 198910000 2978300000 6265100000 1161400000 115770000 2095200000
17303000000 7540400000 10743000000 5437500000 4436300000 6094300000 4033900000 8942800000 701
P11171 P11171 Protein 4.1 EPB41 >sp|P11171|41_HUMAN Protein 4.1 OS=Homo sapiens GN=EPB41 PE=1 SV=4 1 2 2 2 2.4 4.83E-06 0 0 0 439370 1482900 0 0 0 0 0 0 0 4413900 0 3945000 0 195550000 45013000 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 702
P11172 P11172 Uridine 5-monophosphate synthase;Orotate phosphoribosyltransferase;Orotidine 5-phosphate decarboxylase UMPS >sp|P11172|UMPS_HUMAN Uridine 5-monophosphate synthase OS=Homo sapiens GN=UMPS PE=1 SV=1 1 21 21 21 48.1 6.02E-90 0 0 683250 3638100 8715100 92364000
216190000 15281000 0 0 0 0 0 6655700 0 121190000 23049000 2806000 0 0 0 0 0 0 156700000 1507100000 7646200 0 0 3313200 0 0 0 0 1120700000 1328200000 103950000 65139000 5246200 0 703
P11177 P11177 "Pyruvate dehydrogenase E1 component subunit beta, mitochondrial" PDHB ">sp|P11177|ODPB_HUMAN Pyruvate dehydrogenase E1 component subunit beta, mitochondrial OS=Homo sapiens GN=PDHB PE=1 SV=3" 1 15 15 15 51 5.46E-77 13697000 356450 292100 306460 3089900 9292900
14028000 1201800000 23442000 5096600 0 0 0 0 0 0 1784700000 2324600 0 0 0 1327800 627220000 19382000 1815300 0 0 0 0 0 0 274180000 7970300 1008600 0 0 0 0 704
P11216 P11216 "Glycogen phosphorylase, brain form" PYGB ">sp|P11216|PYGB_HUMAN Glycogen phosphorylase, brain form OS=Homo sapiens GN=PYGB PE=1 SV=5" 1 32 25 23 45.2 2.57E-193 0 0 4149100 95046000 56736000 18676000 5350700 1126200 0 0 0 0 0 594150000
0 0 0 0 0 0 0 0 0 0 0 0 0 677350000 1383900 2923000 0 0 0 0 0 0 4289100 912810000 13147000 2531700 705
P11217 P11217 "Glycogen phosphorylase, muscle form" PYGM ">sp|P11217|PYGM_HUMAN Glycogen phosphorylase, muscle form OS=Homo sapiens GN=PYGM PE=1 SV=6" 1 11 1 1 15.7 9.95E-52 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 706
P11279 P11279 Lysosome-associated membrane glycoprotein 1 LAMP1 >sp|P11279|LAMP1_HUMAN Lysosome-associated membrane glycoprotein 1 OS=Homo sapiens GN=LAMP1 PE=1 SV=3 1 5 5 5 12.2 6.28E-19 0 0 4551200 28397000 2361300 1740600 0 0 0 0 0 0 1168200
134720000 5917700 41994000 50408000 3171900 0 0 9889200 0 0 0 0 0 0 0 1261800 8933300 425690000 0 0 0 0 0 0 0 4076500 47078000 707
P11310 P11310 "Medium-chain specific acyl-CoA dehydrogenase, mitochondrial" ACADM ">sp|P11310|ACADM_HUMAN Medium-chain specific acyl-CoA dehydrogenase, mitochondrial OS=Homo sapiens GN=ACADM PE=1 SV=1" 1 19 19 19 50.6 2.03E-115 0 0 0 0 1380800 4464100 554590000
44683000 159950000 7536800 0 0 0 0 0 1541900 2026600000 8312300 47966000 2889900 0 0 0 137050000 4580300 33265000 0 0 0 0 0 0 0 399550000 9404300 0 0 0 0 708
P11387;Q969P6 P11387 DNA topoisomerase 1 TOP1 >sp|P11387|TOP1_HUMAN DNA topoisomerase 1 OS=Homo sapiens GN=TOP1 PE=1 SV=2 2 24 24 24 35.2 9.31E-135 0 0 0 4822000 737730 1984900 0 0 0 0 0 0 94563000 4676300 0 0 0 0 0 22250
228530000 13952000 3260900 0 0 0 0 0 0 0 269570000 48805000 761880 0 0 0 0 0 0 709
P11413 P11413 Glucose-6-phosphate 1-dehydrogenase G6PD >sp|P11413|G6PD_HUMAN Glucose-6-phosphate 1-dehydrogenase OS=Homo sapiens GN=G6PD PE=1 SV=4 1 49 49 49 85.4 0 1048800000 99396000 112020000 139430000 745830000 6987500000 1445500000 1282000000 449350000
63919000 6571200 0 24083000 57965000 53740000 25757000000 367640000 905180000 333570000 53346000 0 0 806320 0 1048400000 1184700000 145720 0 867430 13275000 0 0 0 519270000 8106300000 287370000 34785000 0 0 0 710
P11441 P11441 Ubiquitin-like protein 4A UBL4A >sp|P11441|UBL4A_HUMAN Ubiquitin-like protein 4A OS=Homo sapiens GN=UBL4A PE=1 SV=1 1 5 5 5 35.7 4.04E-21 0 0 0 0 0 0 0 0 46350000 875300 0 0 0 0 0 0 0 0 0 88048000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 711
P11498 P11498 "Pyruvate carboxylase, mitochondrial" PC ">sp|P11498|PYC_HUMAN Pyruvate carboxylase, mitochondrial OS=Homo sapiens GN=PC PE=1 SV=2" 1 53 53 53 64.3 4.83E-278 391320000 86460000 2128200000 665860000 592260000 534570000 166590000 86742000 1179800
10925000 2411000 13564000 10641000000 917590000 150140000 42821000 0 28472000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 712
P11532 P11532 Dystrophin DMD >sp|P11532|DMD_HUMAN Dystrophin OS=Homo sapiens GN=DMD PE=1 SV=3 1 2 2 2 0.7 9.78E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 713
P11586 P11586 "C-1-tetrahydrofolate synthase, cytoplasmic;Methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase;Formyltetrahydrofolate synthetase" MTHFD1 ">sp|P11586|C1TC_HUMAN C-1-tetrahydrofolate synthase, cytoplasmic OS=Homo sapiens GN=MTHFD1 PE=1 SV=3" 1 62 62
61 78.5 0 43444000 27626000 275850000 5612800000 1623000000 864920000 399440000 103580000 27815000 27446000 215900 13135000 66389000 16152000000 303750000 113820000 106530000 84681000 56362000 33244000 1469300 162730 1108100 0
2604100000 264030000 461330 0 8654000 78980000 0 0 3694900 4149800000 19186000000 436580000 77020000 18617000 0 2665800 714
P11766 P11766 Alcohol dehydrogenase class-3 ADH5 >sp|P11766|ADHX_HUMAN Alcohol dehydrogenase class-3 OS=Homo sapiens GN=ADH5 PE=1 SV=4 1 19 19 19 48.7 2.47E-156 1002400000 72158000 38679000 20882000 18971000 47786000 31720000 140950000 37067000
40512000 23464000 454160 0 1402500 0 0 51110000 1179100000 32208000 14356000 0 0 1518100 599050000 270570000 136850000 7679100 32919000 0 24602000 0 0 660690 1860700000 320100000 1181100000 188420000 109410000 158000000
851560000 715
P11802 P11802 Cyclin-dependent kinase 4 CDK4 >sp|P11802|CDK4_HUMAN Cyclin-dependent kinase 4 OS=Homo sapiens GN=CDK4 PE=1 SV=2 1 6 5 5 30.7 2.55E-22 0 0 0 0 0 0 574510 121160000 2998000 0 0 0 0 0 0 0 0 54809000 0 0 0 0 0 0
0 0 0 0 0 0 0 0 92067000 2297500 0 0 0 0 0 0 716
P11908 P11908 Ribose-phosphate pyrophosphokinase 2 PRPS2 >sp|P11908|PRPS2_HUMAN Ribose-phosphate pyrophosphokinase 2 OS=Homo sapiens GN=PRPS2 PE=1 SV=2 1 18 7 5 57.5 5.37E-247 0 0 0 0 0 0 0 57574000 2841300 2257300 0 0 0 0 0 0 173030000
4002100 1304000 0 0 1537800 3461000 0 43303000 3396000 3224900 0 0 0 0 0 14975000 217520000 714560000 491100000 75346000 22794000 0 717
P11940;Q9H361;Q4VXU2;Q96DU9 P11940 Polyadenylate-binding protein 1 PABPC1 >sp|P11940|PABP1_HUMAN Polyadenylate-binding protein 1 OS=Homo sapiens GN=PABPC1 PE=1 SV=2 4 30 30 20 52.4 1.28E-189 30390000 2775000 23407000 46004000 1729400000 1088000000 97757000
57616000 11376000 41745000 0 717960 1493300 3256100 6722200000 261120000 32881000 13282000 11240000 33110000 0 0 0 0 0 0 0 1093800000 371920000 0 0 0 0 0 0 7028100 983700000 300090000 718
P12004 P12004 Proliferating cell nuclear antigen PCNA >sp|P12004|PCNA_HUMAN Proliferating cell nuclear antigen OS=Homo sapiens GN=PCNA PE=1 SV=1 1 19 19 19 81.6 3.05E-204 0 0 0 0 0 1401700 4952800 1687100000 72651000 60527000 0 0 0 0 0 0 7244000
4992500000 16537000 20303000 0 82514 27507000 421770000 262210000 0 0 4856300 0 0 0 25066000 64560000 8136700000 704050000 32875000 9848200 13766000 4085700 28118000 719
P12036;Q16352;P07197 P12036 Neurofilament heavy polypeptide NEFH >sp|P12036|NFH_HUMAN Neurofilament heavy polypeptide OS=Homo sapiens GN=NEFH PE=1 SV=4 3 6 3 3 6.4 9.90E-22 684480 1573300 10587000 184960 0 0 0 0 0 0 0 0 9102800 158160 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 721
P12081 P12081 "Histidine--tRNA ligase, cytoplasmic" HARS ">sp|P12081|SYHC_HUMAN Histidine--tRNA ligase, cytoplasmic OS=Homo sapiens GN=HARS PE=1 SV=2" 1 30 30 23 54.4 3.88E-203 869330 461740 1534000 6921400 59114000 1029600000 457670000 262880000 163080000
38916000 0 0 0 13278000 2968200 3444100000 54298000 94232000 40750000 35679000 0 0 0 11855000 586190 1110700000 127870000 1342400 0 0 0 0 0 117770000 188380000 6762700000 275410000 35197000 0 0 722
P12268 P12268 Inosine-5-monophosphate dehydrogenase 2 IMPDH2 >sp|P12268|IMDH2_HUMAN Inosine-5-monophosphate dehydrogenase 2 OS=Homo sapiens GN=IMPDH2 PE=1 SV=2 1 31 31 29 70.2 5.79E-223 61471000 2436700 10172000 15892000 153110000 1986200000 1124500000
638960000 165580000 90984000 302560 0 14112000 6508000 14162000 7855800000 165880000 317670000 79283000 288840000 0 0 0 0 0 0 0 304760 2377700000 180540000 0 0 0 0 0 0 0 83665000 2030700000 671700000 723
P12270 P12270 Nucleoprotein TPR TPR >sp|P12270|TPR_HUMAN Nucleoprotein TPR OS=Homo sapiens GN=TPR PE=1 SV=3 1 117 117 117 47.3 0 35954000 1832900000 974860000 100810000 57385000 62827000 29329000 7514700 3248200 0 170510000 7120000000 385540000
114870000 3590800 48327000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5283700 0 0 0 724
P12273 P12273 Prolactin-inducible protein PIP >sp|P12273|PIP_HUMAN Prolactin-inducible protein OS=Homo sapiens GN=PIP PE=1 SV=1 1 2 2 2 16.4 1.75E-05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 725
P12277;P06732 P12277 Creatine kinase B-type CKB >sp|P12277|KCRB_HUMAN Creatine kinase B-type OS=Homo sapiens GN=CKB PE=1 SV=1 2 27 27 27 77.4 0 30558000 1329300 1743300 3677700 21247000 94927000 4261600000 922240000 202010000 353660000 965080 0 0
0 2289400 22516000 17314000000 511720000 151700000 262740000 0 0 0 6943100000 1795100000 160860000 0 1002300 0 0 0 0 0 16626000000 7501700000 575760000 116820000 28794000 5241900 28907000 726
P12429 P12429 Annexin A3 ANXA3 >sp|P12429|ANXA3_HUMAN Annexin A3 OS=Homo sapiens GN=ANXA3 PE=1 SV=3 1 34 34 34 81.4 8.35E-218 21619000 2124700 2490300 2405700 4511500 14095000 34725000 3403800000 322490000 57288000 1025300 0 0 0 0
276470 13256000 11973000000 255310000 73452000 0 773380000 162160000 393670 0 0 0 0 0 0 2296500 2426800000 28179000 0 0 0 0 0 0 0 727
P12532;P17540 P12532;P17540 "Creatine kinase U-type, mitochondrial;Creatine kinase S-type, mitochondrial" CKMT1A;CKMT2 ">sp|P12532|KCRU_HUMAN Creatine kinase U-type, mitochondrial OS=Homo sapiens GN=CKMT1A PE=1 SV=1;>sp|P17540|KCRS_HUMAN Creatine kinase S-type, mitochondrial OS=Homo sapiens
GN=CKMT2 PE=1 SV=2" 2 1 1 1 3.8 6.75E-28 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 728
P12694;F5H5P2 P12694;F5H5P2 "2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial" BCKDHA ">sp|P12694|ODBA_HUMAN 2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial OS=Homo sapiens GN=BCKDHA PE=1 SV=2;>tr|F5H5P2|F5H5P2_HUMAN Uncharacterized protein OS=Homo sapiens PE=4
SV=1" 2 11 11 11 32.4 3.25E-45 0 0 0 0 0 2805500 95427000 7428300 0 0 0 0 0 0 0 0 0 119860000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 14604000 47141000 3188900 0 0 0 109
P12814;Q08043 P12814 Alpha-actinin-1 ACTN1 >sp|P12814|ACTN1_HUMAN Alpha-actinin-1 OS=Homo sapiens GN=ACTN1 PE=1 SV=2 2 60 42 38 72.9 0 438040 477140 15698000 675520000 174020000 31654000 8297900 1656500 20749 2321100 0 0 5081200 3629000000
260280000 2390600 1995900 0 0 0 0 0 0 0 0 0 14942000 0 0 0 0 0 0 0 0 2151400 41052000 729
P12830 P12830 Cadherin-1;E-Cad/CTF1;E-Cad/CTF2;E-Cad/CTF3 CDH1 >sp|P12830|CADH1_HUMAN Cadherin-1 OS=Homo sapiens GN=CDH1 PE=1 SV=3 1 4 4 4 4.5 7.37E-11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 4190300 0 0 0 0 0 0 12354000 8996600 0 730
P12931 P12931 Proto-oncogene tyrosine-protein kinase Src SRC >sp|P12931|SRC_HUMAN Proto-oncogene tyrosine-protein kinase Src OS=Homo sapiens GN=SRC PE=1 SV=3 1 2 2 2 6.9 4.71E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 6699600 9241000 4329800 0 0 0 731
P12955 P12955 Xaa-Pro dipeptidase PEPD >sp|P12955|PEPD_HUMAN Xaa-Pro dipeptidase OS=Homo sapiens GN=PEPD PE=1 SV=3 1 19 19 19 43.2 2.32E-169 345300000 14861000 10430000 12647000 23812000 183770000 48333000 1740700 0 0 6060700 0 0 0 0
774200000 40574000 0 0 0 0 212210 131950000 3672600 0 0 0 0 0 0 0 36698000 0 0 0 0 0 0 0 0 732
P12956 P12956 X-ray repair cross-complementing protein 6 XRCC6 >sp|P12956|XRCC6_HUMAN X-ray repair cross-complementing protein 6 OS=Homo sapiens GN=XRCC6 PE=1 SV=2 1 58 58 58 70.9 0 314900000 13651000 51595000 113100000 3009300000 4455100000 271340000 277890000
45114000 6734100 890360 1688700 7921200 19141000 21909000000 423850000 221710000 196460000 22082000 1594500 5580200 0 0 2611700000 207480000 195080000 0 4958000 584640000 216460000 4428800 0 28901000 8338900000 1100200000 203090000
188280000 523360000 228340000 697850000 733
P13010 P13010 X-ray repair cross-complementing protein 5 XRCC5 >sp|P13010|XRCC5_HUMAN X-ray repair cross-complementing protein 5 OS=Homo sapiens GN=XRCC5 PE=1 SV=3 1 57 57 57 82.9 0 471090000 57933000 181440000 600600000 5389400000 912960000 222610000 59521000
11696000 14042000 2816700 10510000 79122000 7474700000 13810000000 249340000 77519000 17538000 42452000 858880 0 0 0 3074300000 392950000 129990000 76464 102440000 298380000 280890000 0 7553000 37038000 6137000000 1142100000
292730000 219250000 363060000 196480000 231260000 734
P13073 P13073 "Cytochrome c oxidase subunit 4 isoform 1, mitochondrial" COX4I1 ">sp|P13073|COX41_HUMAN Cytochrome c oxidase subunit 4 isoform 1, mitochondrial OS=Homo sapiens GN=COX4I1 PE=1 SV=1" 1 7 7 7 34.3 8.04E-24 0 0 0 0 0 0 0 0 837720 131220000 0 0 0 0
0 0 0 0 5083500 217670000 0 123860000 48695000 383160 0 0 0 0 0 0 16117000 0 0 0 0 0 0 0 0 0 735
P13284 P13284 Gamma-interferon-inducible lysosomal thiol reductase IFI30 >sp|P13284|GILT_HUMAN Gamma-interferon-inducible lysosomal thiol reductase OS=Homo sapiens GN=IFI30 PE=1 SV=3 1 3 3 3 19.6 1.14E-18 0 0 0 0 0 0 0 17719000 0 0 0 0 0 0 0 0 0 0
8886900 1845400 0 0 0 0 0 0 0 0 0 0 0 0 1621800 11523000 1415300 0 0 0 0 0 736
P13473 P13473 Lysosome-associated membrane glycoprotein 2 LAMP2 >sp|P13473|LAMP2_HUMAN Lysosome-associated membrane glycoprotein 2 OS=Homo sapiens GN=LAMP2 PE=1 SV=2 1 5 5 5 11 1.20E-19 0 0 1311100 11592000 3282500 3656600 8622200 11349000 0 0 0 0 0
83776000 11335000 3798200 17878000 191570000 0 0 68123000 0 0 0 0 0 0 0 0 0 237210000 0 0 0 0 0 0 0 0 737
P13489 P13489 Ribonuclease inhibitor RNH1 >sp|P13489|RINI_HUMAN Ribonuclease inhibitor OS=Homo sapiens GN=RNH1 PE=1 SV=2 1 19 19 19 60.3 2.75E-241 2401400 7743800 3925400 1368800 717580 15565000 144910000 25810000 6859400 3293700 0 0 0 0 3496100
4404000 93576000 0 0 776960 0 0 704780 1124500000 5813900 0 0 0 0 0 0 0 2268000 2131200000 415450000 174610000 190020000 258050000 231140000 245950000 738
P13639 P13639 Elongation factor 2 EEF2 >sp|P13639|EF2_HUMAN Elongation factor 2 OS=Homo sapiens GN=EEF2 PE=1 SV=4 1 74 74 73 75.8 0 1214600000 200910000 823240000 13324000000 9460100000 6439100000 2285100000 2036900000 721760000 626740000 22262000
101640000 452360000 55257000000 4711300000 2491700000 944590000 964450000 652680000 400090000 48231000 0 848380 5090300000 2646900000 1405500000 178790000 1956000000 4682500000 703220000 0 0 4006300 8347300000 10105000000 3144400000
11972000000 16373000000 4568200000 4517500000 739
P13667 P13667 Protein disulfide-isomerase A4 PDIA4 >sp|P13667|PDIA4_HUMAN Protein disulfide-isomerase A4 OS=Homo sapiens GN=PDIA4 PE=1 SV=2 1 56 56 56 68.7 0 191030000 21970000 37424000 48787000 1630400000 826010000 150500000 111680000 15467000
60485000 0 0 1071700 9711300 5378500000 139690000 87374000 16945000 0 12980000 2358200 2258800000 918460000 113240000 10730000 0 948500 4576800 0 0 0 1084600000 4814300000 156050000 15026000 404660 0 0 0 0 741
P13674 P13674 Prolyl 4-hydroxylase subunit alpha-1 P4HA1 >sp|P13674|P4HA1_HUMAN Prolyl 4-hydroxylase subunit alpha-1 OS=Homo sapiens GN=P4HA1 PE=1 SV=2 1 23 23 23 48.7 1.42E-177 993610 350550 779450 1212000 12950000 247720000 28676000 9313100 1643500 0 0 0
5733800 0 15009000 574090000 0 4263300 0 0 0 0 0 0 0 0 0 0 537750000 91444000 0 0 0 0 0 0 944410 4238100 201450000 2107400000 742
P13693;Q56UQ5 P13693 Translationally-controlled tumor protein TPT1 >sp|P13693|TCTP_HUMAN Translationally-controlled tumor protein OS=Homo sapiens GN=TPT1 PE=1 SV=1 2 12 12 12 61.6 1.44E-65 0 0 0 0 0 43466000 10927000 212020000 865940000 29738000 0 0 0
0 0 0 8108300 8139600 4024000000 33784000 1855200000 33965000 0 0 0 0 0 0 0 0 1681600000 7233600 0 0 0 0 0 0 0 0 743
P13716 P13716 Delta-aminolevulinic acid dehydratase ALAD >sp|P13716|HEM2_HUMAN Delta-aminolevulinic acid dehydratase OS=Homo sapiens GN=ALAD PE=1 SV=1 1 12 12 12 49.7 7.58E-47 0 0 0 0 0 0 0 100950000 2626100 0 0 0 0 0 0 0 0 181560000 0 0 0
0 0 0 0 0 85041 34409000 0 0 0 0 0 0 0 0 0 235670000 4519500 0 744
P13796 P13796 Plastin-2 LCP1 >sp|P13796|PLSL_HUMAN Plastin-2 OS=Homo sapiens GN=LCP1 PE=1 SV=6 1 38 30 29 71.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 18671000 1253200000 1209000000 28910000 0 0 0 3857800 0
0 9207200 14742000000 394540000 18000000 0 0 0 0 0 745
P13797 P13797 Plastin-3 PLS3 >sp|P13797|PLST_HUMAN Plastin-3 OS=Homo sapiens GN=PLS3 PE=1 SV=4 1 55 55 44 88.9 0 148390000 5709900 28326000 67229000 1114500000 5488700000 794140000 187430000 94265000 160390000 0 1784500 23869000 42457000
12947000000 3019300000 280040000 40865000 2473000 56206000 0 27088000 227630000 1776100000 58774000 3829500 25859 0 0 0 0 4581800 5267700000 2112800000 272620000 50444000 25977000 11873000 0 0 746
P13798 P13798 Acylamino-acid-releasing enzyme APEH >sp|P13798|ACPH_HUMAN Acylamino-acid-releasing enzyme OS=Homo sapiens GN=APEH PE=1 SV=4 1 20 20 20 37.6 3.97E-115 181570000 29304000 46865000 74315000 1037200000 353740000 46849000 44626000 30889000
18943000 964170 0 3632000 33254000 2791600000 54465000 6096500 11733000 11213000 7613700 0 0 0 0 0 0 5726100 137620000 0 0 0 0 0 0 0 0 0 21873000 0 0 747
P13804 P13804 "Electron transfer flavoprotein subunit alpha, mitochondrial" ETFA ">sp|P13804|ETFA_HUMAN Electron transfer flavoprotein subunit alpha, mitochondrial OS=Homo sapiens GN=ETFA PE=1 SV=1" 1 18 18 18 71.2 4.64E-206 0 0 0 485940 1416900 5024400 7059400 2225600000
70979000 36322000 0 0 0 0 0 0 1970200 5401700000 66721000 7819000 326820000 141060000 67493000 92455000 63442000 48472000 5071400 18727000 357410 16444000 5087500000 23117000 117910000 174770000 448570000 693140000
683190000 692770000 215190000 77402000 748
P13861;P31323 P13861 cAMP-dependent protein kinase type II-alpha regulatory subunit PRKAR2A >sp|P13861|KAP2_HUMAN cAMP-dependent protein kinase type II-alpha regulatory subunit OS=Homo sapiens GN=PRKAR2A PE=1 SV=2 2 18 18 18 55 5.54E-90 0 0 150750 344390 4300300 51519000
214470000 33271000 8570600 3121200 0 0 0 1235900 2604700 314400000 452700000 0 0 2074000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 749
P13928 P13928 Annexin A8 ANXA8 >sp|P13928|ANXA8_HUMAN Annexin A8 OS=Homo sapiens GN=ANXA8 PE=1 SV=3 1 17 1 1 59.3 1.52E-70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 750
P13929 P13929 Beta-enolase ENO3 >sp|P13929|ENOB_HUMAN Beta-enolase OS=Homo sapiens GN=ENO3 PE=1 SV=5 1 26 22 20 63.4 8.65E-265 6585400 4309800 3688000 1547800 5880500 38434000 1003200000 318990000 21787000 30270000 0 0 0 0 12943000 40142000
3846200000 132150000 5593500 12423000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 751

P13984 P13984 General transcription factor IIF subunit 2 GTF2F2 >sp|P13984|T2FB_HUMAN General transcription factor IIF subunit 2 OS=Homo sapiens GN=GTF2F2 PE=1 SV=2 1 9 9 9 35.7 1.93E-25 0 0 0 0 0 0 0 0 0 0 9601600 2363700 0 0 0 0 0 0 0 0 56813000
22294000 15555000 0 0 0 0 0 0 14664000 4230600 0 0 0 0 0 0 0 380130 63205000 406620000 0 0 0 752
P13995 P13995 "Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial;NAD-dependent methylenetetrahydrofolate dehydrogenase;Methenyltetrahydrofolate cyclohydrolase" MTHFD2 ">sp|P13995|MTDC_HUMAN Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase,
mitochondrial OS=Homo sapiens GN=MTHFD2 PE=1 SV=2" 1 10 10 10 42.9 2.81E-68 0 0 0 0 0 0 0 7445200 0 0 0 0 0 0 0 0 0 127210000 0 0 0 0 0 0 36889 44436000 45872000 0 0 0 0 0 0 0 0 298070000 61701000 0 0
0 0 753
P14174 P14174 Macrophage migration inhibitory factor MIF >sp|P14174|MIF_HUMAN Macrophage migration inhibitory factor OS=Homo sapiens GN=MIF PE=1 SV=4 1 6 6 6 6 60.9 6.87E-80 0 51773 0 0 0 0 0 0 59685000 22498000 1763800000 106510000 0 0 0 0 0 0 0
18311000 6339200000 24794000 0 0 163020000 90309000 61203000 5371000 14570000 178600000 37794000 0 0 0 0 3325500000 381340000 254840000 50460000 267110000 71686000 105510000 754
P14314 P14314 Glucosidase 2 subunit beta PRKCSH >sp|P14314|GLU2B_HUMAN Glucosidase 2 subunit beta OS=Homo sapiens GN=PRKCSH PE=1 SV=2 1 28 28 28 44.9 8.78E-270 49600000 12429000 77851000 172430000 3356800000 1264800000 107440000 188290000 38166000
9398900 0 1160800 15993000 65919000 7033600000 58256000 54791000 59117000 7462700 5813300 0 0 0 2435700 4603900 182370000 36160000 1140100000 1187600000 0 0 0 0 2104000 135550000 748980000 3015300000 2302400000 231460000 136170000
755
P14324 P14324 Farnesyl pyrophosphate synthase FDPS >sp|P14324|FPPS_HUMAN Farnesyl pyrophosphate synthase OS=Homo sapiens GN=FDPS PE=1 SV=4 1 14 14 14 49.6 2.81E-139 10844000 1044400 810550 743510 955610 7652200 49902000 2009700000 81122000 2545700000 0 0
0 0 0 1829400 143620000 4566200000 58804000 117130000 2052300 0 0 0 732160000 383780000 0 0 0 0 0 0 0 3975000 5548700000 379970000 55524000 3455500 0 0 756
P14550 P14550 Alcohol dehydrogenase [NADP(+)] AKR1A1 >sp|P14550|AK1A1_HUMAN Alcohol dehydrogenase [NADP(+)] OS=Homo sapiens GN=AKR1A1 PE=1 SV=31 20 20 20 75.1 3.04E-130 34966000 0 0 0 460450 7432900 173440000 1190100000 112310000 54095000 0 0 0
0 0 0 1213100000 3190200000 26330000 39000000 0 88182000 0 339330000 0 0 0 0 0 0 0 75144000 5125200 430840000 0 0 0 0 0 0 757
P14618;P30613 P14618 Pyruvate kinase isozymes M1/M2 PKM >sp|P14618|KPYM_HUMAN Pyruvate kinase PKM OS=Homo sapiens GN=PKM PE=1 SV=4 2 63 63 63 88.7 0 22092000000 4172100000 3913100000 3268300000 4811400000 14799000000 3918700000 2882700000 1640200000
794440000 1138900000 280750000 808450000 984930000 3913400000 85640000000 9660600000 3809800000 3247700000 1503000000 50932000 678250 7187600 6699100000 646540000 67959000 13071000 48908000 64362000 89836000 0 0 51411000 14562000000
771540000 180200000 94664000 63609000 46053000 611090000 758
P14621 P14621 Acylphosphatase-2 ACYP2 >sp|P14621|ACYP2_HUMAN Acylphosphatase-2 OS=Homo sapiens GN=ACYP2 PE=1 SV=2 1 3 3 3 30.3 5.34E-11 0 0 0 0 0 0 0 0 0 17217000 0 0 0 0 0 0 0 0 668550 160680000 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 759
P14625;Q58FF3 P14625 Endoplasmin HSP90B1 >sp|P14625|ENPL_HUMAN Endoplasmin OS=Homo sapiens GN=HSP90B1 PE=1 SV=1 2 76 76 74 69.7 0 412160000 93906000 485670000 9048000000 4684100000 1840900000 766600000 587150000 155530000 113440000 5231000
13122000 72999000 27003000000 1913600000 356240000 195910000 95404000 47906000 107140000 237620000 23232000 18014000 8411600 5962900 2380300000 948980000 2965600000 5304200000 484320000 1335000000 10636000 160860000 3115100 224110000
12490000000 1345800000 1893900000 2887300000 38104000000 760
P14635 P14635 G2/mitotic-specific cyclin-B1 CCNB1 >sp|P14635|CCNB1_HUMAN G2/mitotic-specific cyclin-B1 OS=Homo sapiens GN=CCNB1 PE=1 SV=1 1 3 3 3 7.4 8.06E-19 0 0 0 0 0 0 0 0 0 0

610560000 0 0 0 0 27095000 463260000 15160000 528610 0 0 0 0 2011700 95051000 829020000 455110000 61652000 2042100 103890 819
P18085 P18085 ADP-ribosylation factor 4 ARF4 >sp|P18085|ARF4_HUMAN ADP-ribosylation factor 4 OS=Homo sapiens GN=ARF4 PE=1 SV=31 9 6 6 56.7 1.94E-68 306810000 27092000 16706000 6868500 5781900 3204500 4546700 16500000 415410000 23528000 883450 0 0 0
0 0 0 0 968620000 108100000 0 0 0 1230300 164100000 0 0 287000 2143100 0 0 0 328670 107460000 86330000 3097800 848860 0 0 0 39997000 820
P18124 P18124 60S ribosomal protein L7 RPL7 >sp|P18124|RL7_HUMAN 60S ribosomal protein L7 OS=Homo sapiens GN=RPL7 PE=1 SV=1 1 14 14 14 42.3 6.03E-46 32303000 966800 521600 580440 922180 4700400 21677000 653110000 1596400 0 0 0 0 0 0 3828600 0
2061300000 4748300 2769700 0 0 0 59143000 274890000 368560000 7070400 123980000 1220100 0 0 0 1180600 41621000 63799000 21111000 46281000 2197400 0 0 821
P18206 P18206 Vinculin VCL >sp|P18206|VINC_HUMAN Vinculin OS=Homo sapiens GN=VCL PE=1 SV=4 1 79 79 79 73.5 0 69394000 36927000 4802200000 2096800000 1782200000 627980000 647000000 414020000 18087000 99728000 625970 15658000 17711000000
3309300000 542110000 43939000 148710000 62279000 0 28154000 0 0 0 0 0 0 0 0 535410 2829300 0 0 0 0 0 0 0 0 0 0 549300000 822
P18440 P18440 Arylamine N-acetyltransferase 1 NAT1 >sp|P18440|ARY1_HUMAN Arylamine N-acetyltransferase 1 OS=Homo sapiens GN=NAT1 PE=1 SV=2 1 4 4 4 15.2 5.95E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16735000 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 823
P18615 P18615 Negative elongation factor E NELFE >sp|P18615|NELFE_HUMAN Negative elongation factor E OS=Homo sapiens GN=NELFE PE=1 SV=3 1 4 4 4 14.5 4.21E-09 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 11522000 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 824
P18621;A0A0A6YYL6 P18621;A0A0A6YYL6 60S ribosomal protein L17 RPL17 >sp|P18621|RL17_HUMAN 60S ribosomal protein L17 OS=Homo sapiens GN=RPL17 PE=1 SV=3;>tr|A0A0A6YYL6|A0A0A6YYL6_HUMAN Protein RPL17-C18orf32 OS=Homo sapiens GN=RPL17-C18orf32 PE=3 SV=1 2 10 10 10 52.2
4.83E-44 0 0 0 0 0 464590 1149400 205800000 48203000 0 0 0 0 0 0 0 0 3358800 927350000 945650000 0 0 0 0 418990 48566000 363550000 35935000 86809 37807000 300150000 0 0 0 0 77223000 273280000 1303200000 315010000
253630000 56129000 72279000 0 3
P18669;P15259;Q8N0Y7 P18669 Phosphoglycerate mutase 1 PGAM1 >sp|P18669|PGAM1_HUMAN Phosphoglycerate mutase 1 OS=Homo sapiens GN=PGAM1 PE=1 SV=2 3 27 27 27 86.2 0 47487000 3169000 4292000 5112400 5117100 19266000 50467000 6620100000 387000000 370150000
1453200 0 0 0 4104000 0 0 22770000 2401900000 259960000 2494380000 0 0 508040000 268680000 1821800 1004700 278520 0 0 0 0 2432900 138190000000 243490000 131890000 15705000 1450400 6141100 803630 0 825
P18754 P18754 Regulator of chromosome condensationRCC1 >sp|P18754|RCC1_HUMAN Regulator of chromosome condensation OS=Homo sapiens GN=RCC1 PE=1 SV=1 1 14 14 14 49.9 1.02E-208 0 0 0 0 0 3190200 38354000 4334400 265520 0 0 0 0 0 0 0 0 0 51374000 0
0 0 141140 70334000 0 0 57880000 653310000 0 0 0 0 0 37540000 0 0 0 797630000 10190000 0 0 0 0 826
P18827 P18827 Syndecan-1 SDC1 >sp|P18827|SDC1_HUMAN Syndecan-1 OS=Homo sapiens GN=SDC1 PE=1 SV=3 1 3 3 3 15.2 5.26E-16 0 0 0 0 0 0 0 0 0 0 6105100 1540200 0 0 0 0 0 0 0 0 0 13570000 0 0 0 0 0 0 0 0 0
6244700 0 0 0 0 0 0 0 0 0 0 827
P18858 P18858 DNA ligase 1 LIG1 >sp|P18858|DNL11_HUMAN DNA ligase 1 OS=Homo sapiens GN=LIG1 PE=1 SV=1 1 29 29 29 41.6 2.09E-103 52391000 9821600 110910000 59054000 13427000 8755200 3649400 0 0 0 0 0 198060000 31252000 1402400 0 0 0 0
0 0 0 103450000 169980000 1049600 0 0 0 0 0 0 216120000 434480000 8632200 3482300 0 0 0 0 828
P18859 P18859 "ATP synthase-coupling factor 6, mitochondrial" ATP5J ">sp|P18859|ATP5J_HUMAN ATP synthase-coupling factor 6, mitochondrial OS=Homo sapiens GN=ATP5J PE=1 SV=1" 1 2 2 2 30.6 1.46E-07 0 0 0 0 0 0 0 0 0 0 7022300 0 0 0 0 0 0 0 0 0
3051700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 829
P19105 P19105 Myosin regulatory light chain 12A MYL12A >sp|P19105|ML12A_HUMAN Myosin regulatory light chain 12A OS=Homo sapiens GN=MYL12A PE=1 SV=2 1 10 10 1 69 1.26E-145 0 0 0 0 0 0 3709100 7999100 2190600000 253340000 0 0 0 0 0 0 0 0 0 4790400
5577600000 165930000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24111000 191450000 69298000 830
P19174 P19174 "1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1" PLCG1 ">sp|P19174|PLCG1_HUMAN 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1 OS=Homo sapiens GN=PLCG1 PE=1 SV=1" 1 34 34 34 36.1 4.49E-144 74328000 14363000 167140000
42805000 12832000 3264300 1834800000 1355200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

P22694 P22694 cAMP-dependent protein kinase catalytic subunit beta PRKACB >sp|P22694|KAPCB_HUMAN cAMP-dependent protein kinase catalytic subunit beta OS=Homo sapiens GN=PRKACB PE=1 SV=2 1 17 5 5 39.3 1.36E-58 3037300 0 0 0 0 0 1831000 0 0 0 0 0

1233200000 524000000 284040000 461020000 1079400000 946

P27816 P27816 Microtubule-associated protein 4 MAP4 >sp|P27816|MAP4_HUMAN Microtubule-associated protein 4 OS=Homo sapiens GN=MAP4 PE=1 SV=3 1 48 48 48 47.8 5.88E-196 31001000 36501000 636020000 622450000 259810000 233340000 51027000 98806000 69077000 13146000 3987400 70374000 3218400000 1255500000 130720000 204510000 16866000 72710000 78295000 2753900 1080000 263050 15628000 43816000 0 0 0 0 204160 9012900 37686000 51863000 34110000 7741700 0 0 0 0 0 947

P27824 P27824 Calnexin CANX >sp|P27824|CALX_HUMAN Calnexin OS=Homo sapiens GN=CANX PE=1 SV=2 1 12 11 11 21.6 6.91E-54 0 0 1708100 779990 24663000 60990000 12061000 2976100 0 0 0 0 1274100 0 113740000 16241000 4588700 1506800 0 0 57634000 11393000 14138000 0 0 0 0 0 0 17868000 0 0 0 0 0 0 0 0 0 948

P28062 P28062 Proteasome subunit beta type-8 PSMB8 >sp|P28062|PSB8_HUMAN Proteasome subunit beta type-8 OS=Homo sapiens GN=PSMB8 PE=1 SV=3 1 7 7 7 26.4 3.68E-29 0 0 0 0 0 0 0 2749900 210270000 3152600 0 0 0 0 0 0 0 0 580560000 2052800 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 949

P28065 P28065 Proteasome subunit beta type-9 PSMB9 >sp|P28065|PSB9_HUMAN Proteasome subunit beta type-9 OS=Homo sapiens GN=PSMB9 PE=1 SV=2 1 2 2 2 11.4 1.92E-09 0 0 0 0 0 0 0 0 6096400 0 0 0 0 0 0 0 0 0 18961000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 950

P28066 P28066 Proteasome subunit alpha type-5 PSMA5 >sp|P28066|PSA5_HUMAN Proteasome subunit alpha type-5 OS=Homo sapiens GN=PSMA5 PE=1 SV=3 1 11 11 11 52.7 3.73E-70 0 0 0 0 0 0 0 1180800000 140300000 303060000 0 0 0 0 0 0 0 0 3386700000 517080000 310000000 0 0 0 24420000 3511800 0 3922700 0 0 16794000 0 0 0 0 4687200 62981000 108790000 52181000 55148000 455270000 951

P28070 P28070 Proteasome subunit beta type-4 PSMB4 >sp|P28070|PSB4_HUMAN Proteasome subunit beta type-4 OS=Homo sapiens GN=PSMB4 PE=1 SV=4 1 8 8 8 48.5 5.41E-51 9534800 348640 0 0 0 0 0 4509200 273190000 828200000 32917000 322520 0 0 0 0 0 5006000 571590000 4331600000 56044000 0 0 0 0 5554000 0 0 0 0 0 0 0 0 0 0 0 0 952

P28072 P28072 Proteasome subunit beta type-6 PSMB6 >sp|P28072|PSB6_HUMAN Proteasome subunit beta type-6 OS=Homo sapiens GN=PSMB6 PE=1 SV=4 1 7 7 7 41.4 7.03E-32 84397000 6415600 18378000 37674000 2202200 1484200 4651200 14598000 656760000 184630000 3131500 0 0 0 11014000 0 0 0 2426200 344650000 159860000 0 0 0 52729000 0 98204000 27195000 1185500 577230 20337000 31658000 0 0 0 9619600 6894200 0 0 0 0 953

P28074 P28074 Proteasome subunit beta type-5 PSMB5 >sp|P28074|PSB5_HUMAN Proteasome subunit beta type-5 OS=Homo sapiens GN=PSMB5 PE=1 SV=3 1 12 12 12 48.3 1.67E-67 436010000 14592000 8493400 5480600 6001400 12999000 8892500 61104000 1010500000 84017000 7609000 0 0 0 0 0 0 8101400 4744800000 71443000 0 0 231050 44024000 76589000 2167000 0 3337400 48956000 6257800 0 0 0 1514400 46063000 361490 2074700 8676800 7038400 0 954

P28161 P28161 Glutathione S-transferase Mu 2 GSTM2 >sp|P28161|GSTM2_HUMAN Glutathione S-transferase Mu 2 OS=Homo sapiens GN=GSTM2 PE=1 SV=2 1 8 2 2 30.3 5.58E-60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 20895000 0 0 0 0 0 1252700 0 0 0 0 0 0 0 0 0 0 955

P28331 P28331 "NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial" NDUFS1 ">sp|P28331|NDUS1_HUMAN NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial OS=Homo sapiens GN=NDUFS1 PE=1 SV=3" 1 15 15 15 26.5 2.39E-44 0 0 604770 1676300 134000000 71202000 4995000 1008300 301200 0 0 0 0 7359900 255070000 3136400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 51844000 956

P28332 P28332 Alcohol dehydrogenase 6 ADH6 >sp|P28332|ADH6_HUMAN Alcohol dehydrogenase 6 OS=Homo sapiens GN=ADH6 PE=1 SV=2 1 3 3 3 8.4 4.46E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1077100 0 0 0 0 0 0 0 0 0 0 0 32918000 26060000 0 0 0 454730000 957

P28340;M0R3H8 P28340 DNA polymerase delta catalytic subunit POLD1 >sp|P28340|DPOD1_HUMAN DNA polymerase delta catalytic subunit OS=Homo sapiens GN=POLD1 PE=1 SV=2 2 37 37 37 40.7 1.10E-149 106400000 12680000 366150000 196310000 87400000 24881000 6318500 5464800 3703000 0 0 0 736680000 59095000 5648900 0 0 0 0 0 0 0 0 0 0 0 0 10089000 1660500 2830500 0 0 0 0 0 0 0 0 0 958

P28482;P31152;Q16659 P28482 Mitogen-activated protein kinase 1 MAPK1 >sp|P28482|MK01_HUMAN Mitogen-activated protein kinase 1 OS=Homo sapiens GN=MAPK1 PE=1 SV=3 3 17 13 13 50.8 9.41E-76 0 0 0 0 0 0 0 2535600 52121000 86868000 0 0 0 0 0 0 0 0 0 523290000 2407200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

P31350 P31350 Ribonucleoside-diphosphate reductase subunit M2 RRM2 >sp|P31350|RIR2_HUMAN Ribonucleoside-diphosphate reductase subunit M2 OS=Homo sapiens GN=RRM2 PE=1 SV=1 1 17 17 14 48.1 1.07E-85 203010000 9320300 7628700 6625300 7080100 12032000 147710000 13404000
10481000 0 482470 531660 0 0 0 0 1066900000 8931400 0 0 0 0 0 0 0 0 0 18759000 349620000 0 0 0 0 0 0 0 0 3021000 10315000 2135500 1010
P31431 P31431 Syndecan-4 SDC4 >sp|P31431|SDC4_HUMAN Syndecan-4 OS=Homo sapiens GN=SDC4 PE=1 SV=2 1 3 3 3 18.2 7.85E-13 0 0 0 0 0 0 0 0 0

0 0 0 0 13085000 0 0 0 0 0 0 0 1069200 60199000 6548400 1077
P35869 P35869 Aryl hydrocarbon receptor AHR >sp|P35869|AHR_HUMAN Aryl hydrocarbon receptor OS=Homo sapiens GN=AHR PE=1 SV=2 1 1 1 1 2.1 9.09E-05 2253900 255260 186960 506190 0 0 0 0 0 0 0 0 0 1872200 0 0 0 0 0 0 0 0 0

P42226 P42226 Signal transducer and activator of transcription 6 STAT6 >sp|P42226|STAT6_HUMAN Signal transducer and activator of transcription 6 OS=Homo sapiens GN=STAT6 PE=1 SV=1 1 6 6 6 8.5 5.54E-13 1413300 545980 1350700 32234000 9483300 3186100 0 0 0 0 0 0 0
25354000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1142
P42285 P42285 Superkiller viralicidic activity 2-like 2 SKIV2L2>sp|P42285|SK2L2_HUMAN Superkiller viralicidic activity 2-like 2 OS=Homo sapiens GN=SKIV2L2 PE=1 SV=3 1 19 19 19 21.6 1.26E-79 941000 198410 4918200 4350800 1440200 0 0 0 0 0 0 0 0 17068000 36412000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1706900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 1210

P48147 P48147 Prolyl endopeptidase PREP >sp|P48147|PPCE_HUMAN Prolyl endopeptidase OS=Homo sapiens GN=PREP PE=1 SV=2 1 43 43 43 64.5 0 33005000 2786000 7037000 16049000 312390000 138320000 32133000 15177000 6465700 0 682890 563050 0 0
1522600000 15545000 2212300 0 0 0 101670000 35207000 0 0 0 0 0 0 12803000 375210000 4202900 0 0 0 0 0 0 1211

P48163 P48163 NADP-dependent malic enzyme ME1 >sp|P48163|MAOX_HUMAN NADP-dependent malic enzyme OS=Homo sapiens GN=ME1 PE=1 SV=1 1 39 39 38 86 0 32613000 1205200 4031600 12129000 78308000 1443300000 121280000 34343000 15875000 5653800 0 0
0 1446300 1164600000 2449600000 69180000 18047000 8411000 0 0 0 835410000 15261000 10542000 0 0 0 0 0 0 0 14437000000 142660000 6884400 0 0 0 0 0 1212

P48200 P48200 Iron-responsive element-binding protein 2 IREB2 >sp|P48200|IREB2_HUMAN Iron-responsive element-binding protein 2 OS=Homo sapiens GN=IREB2 PE=1 SV=3 1 15 15 15 22.2 1.68E-54 0 0 302840 8098100 3970300 0 0 0 0 0 0 0 0 8721200 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 501200 10150000 129390000 2343800 0 0 0 0 1213

P48444 P48444 Coatomer subunit delta ARCN1 >sp|P48444|COPD_HUMAN Coatomer subunit delta OS=Homo sapiens GN=ARCN1 PE=1 SV=1 1 21 21 21 41.1 1.21E-128 131970000 7539500 8388500 11251000 23974000 63534000 619230 0 0 0 0 0 1364500 449060 0 0 185280000
260820 270100 0 0 18412000 1362200 0 0 0 0 0 426570 974580000 290820000 3533700 1110900 0 0 0 0 0 2434000 542170000 245570000 1214

P48506 P48506 Glutamate--cysteine ligase catalytic subunit GCLC >sp|P48506|GSH1_HUMAN Glutamate--cysteine ligase catalytic subunit OS=Homo sapiens GN=GCLC PE=1 SV=2 1 32 32 31 55.9 7.84E-220 0 0 0 840760 87949000 85129000 0 0 0 0 0 0 0 0 512680000
13625000 0 0 0 0 0 51866000 606160000 3380700 0 0 0 0 0 0 613240 17598000 574090000 0 0 0 0 0 0 1215

P48507 P48507 Glutamate--cysteine ligase regulatory subunit GCLM >sp|P48507|GSH0_HUMAN Glutamate--cysteine ligase regulatory subunit OS=Homo sapiens GN=GCLM PE=1 SV=1 1 11 11 11 58 4.95E-105 0 0 0 0 0 0 0 256470000 15553000 9031500 0 0 0 0 0 0
0 343530000 0 5943500 0 0 16137000 0 0 0 0 0 0 119330 6361100 98526000 7461000 563480 0 0 0 0 0 0 1216

P48556 P48556 26S proteasome non-ATPase regulatory subunit 8PSMD8 >sp|P48556|PSMD8_HUMAN 26S proteasome non-ATPase regulatory subunit 8 OS=Homo sapiens GN=PSMD8 PE=1 SV=2 1 10 10 10 32.3 3.43E-84 0 0 0 0 0 0 3170400 498600000 9086400 1187900 0 0 0 0 0 0
0 863300000 0 0 0 0 0 0 0 0 0 0 33624000 286980000 326190000 0 0 0 0 0 0 0 10728800 79033000 1550300000 1217

P48634 P48634 Protein PRRC2A PRRC2A >sp|P48634|PRC2A_HUMAN Protein PRRC2A OS=Homo sapiens GN=PRRC2A PE=1 SV=3 1 3 3 3 2.4 3.29E-06 0 0 0 0 0 0 0 0 0 0 0 3812600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1218

P48637 P48637 Glutathione synthetase GSS >sp|P48637|GSHB_HUMAN Glutathione synthetase OS=Homo sapiens GN=GSS PE=1 SV=1 1 25 25 25 52.1 1.64E-138 1381700 0 334940 1123200 21242000 231620000 396220000 20217000 2859300 0 0 0 0 0 1597900000
379750000 0 0 0 0 0 0 0 0 0 0 194620000 78487000 0 0 0 0 0 0 0 1527200 1208800000 1150800 0 0 1219

P48643 P48643 T-complex protein 1 subunit epsilon CCT5 >sp|P48643|TCPE_HUMAN T-complex protein 1 subunit epsilon OS=Homo sapiens GN=CCT5 PE=1 SV=11 47 47 47 84.8 0 116430000 6277300 11174000 12373000 144560000 2151100000 122160000 51492000 7148700 43532000
0 1575900 1753400 0 80295000 4690900000 40798000 20300000 6444600 9658000 0 0 0 0 0 0 166990 2248700000 6621300000 37544000 0 0 0 0 0 0 0 12495000000 4892800000 2074400000 1220

P48681 P48681 Nestin NES >sp|P48681|NEST_HUMAN Nestin OS=Homo sapiens GN=NES PE=1 SV=2 1 9 9 9 6.4 7.60E-33 0 6133300 5970100 1237500 0 0 0 0 0 0 31647000 5272300 4314200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

P50238;H3BRQ4 P50238;H3BRQ4 Cysteine-rich protein 1 CRIP1 >sp|P50238|CRIP1_HUMAN Cysteine-rich protein 1 OS=Homo sapiens GN=CRIP1 PE=1 SV=3;>tr|H3BRQ4|H3BRQ4_HUMAN Uncharacterized protein (Fragment) OS=Homo sapiens PE=1 SV=1 2 4 4 4 42.9 6.41E-09 0 0 0

4568500 248730 3052400 1397900000 72551000 1001700 0 0 0 0 2173800 0 0 0 0 0 0 289880000 0 0 0 0 15494000 0 0 0 0 4196400 506180000 1340
P52735 P52735 Guanine nucleotide exchange factor VAV2 VAV2 >sp|P52735|VAV2_HUMAN Guanine nucleotide exchange factor VAV2 OS=Homo sapiens GN=VAV2 PE=1 SV=2 1 13 13 13 18.5 7.55E-82 5694400 648220 1664900 54073000 10183000 6518800 3245500 0 0 0 0 0 0
6763600 0 0 5564600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4773900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 82211000 1301400 0 1341
P52758 P52758 Ribonuclease UK114 HRSP12 >sp|P52758|UK114_HUMAN Ribonuclease UK114 OS=Homo sapiens GN=HRSP12 PE=1 SV=1 1 6 6 6 58.4 4.04E-97 0 0 0 0 0 0 0 0 0 0 0 256040 134030000 10336000 0 0 0 0 0 0 0 0 0 0 0 631110000 178290000
80034000 0 0 0 0 0 0 0 0 0 850060000 4160900 0 0 0 0 0 0 0 0 0 0 1342
P52788 P52788 Spermine synthase SMS >sp|P52788|SPSY_HUMAN Spermine synthase OS=Homo sapiens GN=SMS PE=1 SV=2 1 25 25 25 78.1 3.59E-193 0 0 0 0 0 0 569470 86527000 134940000 5245300 17042000 0 0 0 0 0 0 0 0 1125400000 40616000 3800100
1241700 0 0 283270000 19722000 667900 1975000 29965000 177440000 0 719870 0 0 1857800000 20067000 41194000 72155000 391480000 366450000 23965000 32316000 1343
P52789;P52790 P52789 Hexokinase-2 HK2 >sp|P52789|HXK2_HUMAN Hexokinase-2 OS=Homo sapiens GN=HK2 PE=1 SV=2 2 34 34 34 30 46 5.10E-193 9549800 1062700 11144000 398730000 67884000 51850000 14273000 6090600 504290 0 0 0 0 715720000 835200
6654000 0 0 0 0 0 0 0 0 0 5932000 48010000 1789400 191260000 13505000 0 0 0 0 0 1728600 13689000 1116200000 21114000 7531600 15253000 1344
P52799 P52799 Ephrin-B2 EFNB2 >sp|P52799|EFNB2_HUMAN Ephrin-B2 OS=Homo sapiens GN=EFNB2 PE=1 SV=1 1 3 3 3 9.6 1.21E-16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 73506000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6538800 0 0
0 0 0 0 0 0 0 0 1345
P52815;B4DLN1 P52815;B4DLN1 "39S ribosomal protein L12, mitochondrial" MRPL12;SLC25A10 ">sp|P52815|RM12_HUMAN 39S ribosomal protein L12, mitochondrial OS=Homo sapiens GN=MRPL12 PE=1 SV=2;>tr|B4DLN1|B4DLN1_HUMAN Uncharacterized protein OS=Homo sapiens PE=2 SV=1" 2 8 8 8
53 3.25E-57 0 0 0 0 0 0 0 0 0 599030000 9011200 0 0 0 0 0 0 0 3922400 1034800000 11023000 0 0 0 0 19075000 33270000 4048100 74746000 641910000 3350100 0 0 0 0 25724000 67150000 124550000 182120000 85456000
52776000 1346
P52888 P52888 Thimet oligopeptidase THOP1 >sp|P52888|THOP1_HUMAN Thimet oligopeptidase OS=Homo sapiens GN=THOP1 PE=1 SV=2 1 34 34 34 56.3 1.64E-191 4205500 621830 10683000 31769000 1410400000 246930000 40728000 12736000 3333700 5221700 0 0 3030900
54578000 2473200000 22543000 4085100 19343000 0 0 0 0 0 158920000 461400 0 0 0 0 0 0 39118 212670000 31427000 1816800 0 0 0 0 1347
P52895 P52895 Aldo-keto reductase family 1 member C2 AKR1C2 >sp|P52895|AK1C2_HUMAN Aldo-keto reductase family 1 member C2 OS=Homo sapiens GN=AKR1C2 PE=1 SV=3 1 26 21 7 81.7 1.02E-121 514720000 54894000 35397000 23798000 31804000 51818000 163290000
1948400000 244880000 116250000 3824500 598110 4989000 3615000 9504800 4954500 86972000 7420200000 167500000 72161000 0 32226000 6883600 237160000 0 0 0 0 0 0 0 42199000 443740000 1671700000 54797000 7318900 0 0 0 0 1348
P52907 P52907 F-actin-capping protein subunit alpha-1 CAPZA1 >sp|P52907|CAZA1_HUMAN F-actin-capping protein subunit alpha-1 OS=Homo sapiens GN=CAPZA1 PE=1 SV=3 1 15 12 12 75.9 0 0 0 0 0 0 0 0 0 0 0 5069400 46773000 1028400000 120740000 115730000 0 0 0 0 0 0
58879000 2711100000 71141000 89513000 0 476540 1859600000 218310 2334000 0 0 0 0 0 0 5629700000 92065000 46294000 8183100 18788000 15307000 4314800 70281000 1349
P52943 P52943 Cysteine-rich protein 2 CRIP2 >sp|P52943|CRIP2_HUMAN Cysteine-rich protein 2 OS=Homo sapiens GN=CRIP2 PE=1 SV=1 1 4 4 4 24.5 1.44E-37 0 0 0 0 0 0 0 60859000 25668000 0 0 0 0 0 0 0 0 0 280090000 57330000 73073000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1350
P52948 P52948 Nuclear pore complex protein Nup98-Nup96;Nuclear pore complex protein Nup98;Nuclear pore complex protein Nup96 NUP98 >sp|P52948|NUP98_HUMAN Nuclear pore complex protein Nup98-Nup96 OS=Homo sapiens GN=NUP98 PE=1 SV=4 1 2 2 2 2 1.2 9.59E-08 0 0 0 6967900
1743700 0 0 0 0 0 0 0 0 5239700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1351
P53004 P53004 Biliverdin reductase A BLVRA >sp|P53004|BIEA_HUMAN Biliverdin reductase A OS=Homo sapiens GN=BLVRA PE=1 SV=2 1 16 16 16 55.1 4.19E-72 0 327420 288280 746680 1453600 2385100 69222000 209950000 0 0 0 0 1082800 0 0 0 0 301480000 531150000
3270100 0 0 0 0 432040000 0 0 0 0 0 0 0 0 650280000 0 0 0 0 0 0 0 0 0 1352
P53041;E7EU14 P53041 Serine/threonine-protein phosphatase 5 PPP5C >sp|P53041|PPP5_HUMAN Serine/threonine-protein phosphatase 5 OS=Homo sapiens GN=PPP5C PE=1 SV=1 2 23 23 23 57.3 2.11E-120 0 181420 702900 2035300 23543000 277260000 91367000 8583100 1858700 50346000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 1405
P55854 P55854 Small ubiquitin-related modifier 3 SUMO3 >sp|P55854|SUMO3_HUMAN Small ubiquitin-related modifier 3 OS=Homo sapiens GN=SUMO3 PE=1 SV=2 1 2 1 1 20.4 3.44E-19 0 0 0 0 0 0 0 772730 8345100 5643200 0 0 0 0 0 0 0 2372500 0 21732000
2765300 0 0 0 0 0 0 0 0 0 0 265200 0 0 0 0 0 0 0 0 0 0 0 1406
P55884 P55884 Eukaryotic translation initiation factor 3 subunit B EIF3B >sp|P55884|EIF3B_HUMAN Eukaryotic translation initiation factor 3 subunit B OS=Homo sapiens GN=EIF3B PE=1 SV=3 1 45 45 45 63.8 6.36E-284 1294000000 209060000 292990000 407020000 197080000 119450000
16016000 0 23963000 169350 10087000 1214200 55856000 6581800000 330940000 54644000 32322000 1454400 6482600 0 0 0 0 3763600 1056600 263320000 1634500 52528000 3027200000 347690000 0 0 0 3261200 285390000 526530000 101470000
261530000 3300400000 1104400000 1407
P55957 P55957 BH3-interacting domain death agonist;BH3-interacting domain death agonist p15;BH3-interacting domain death agonist p13;BH3-interacting domain death agonist p11 BID >sp|P55957|BID_HUMAN BH3-interacting domain death agonist OS=Homo sapiens GN=BID PE=1 SV=1 1 5 5 5 42.1 5.88E-62 0 0
0 0 0 0 0 0 13991000 985060 0 0 0 0 0 0 0 0 124480000 0 0 0 0 0 0 6300200 0 0 0 0 0 0 0 0 54770000 4202400 840920 0 0 0 0 1408
P56182 P56182 Ribosomal RNA processing protein 1 homolog A RRP1 >sp|P56182|RRP1_HUMAN Ribosomal RNA processing protein 1 homolog A OS=Homo sapiens GN=RRP1 PE=1 SV=1 1 6 6 6 15.2 1.05E-23 0 0 0 0 10078000 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1469
P61916 P61916 Epididymal secretory protein E1 NPC2 >sp|P61916|NPC2_HUMAN Epididymal secretory protein E1 OS=Homo sapiens GN=NPC2 PE=1 SV=1 1 8 8 8 51.7 2.49E-87 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4596700 2748000 0 0
0 0 0 0 0 0 927730 467120000 124370000 0 0 0 0 0 0 0 0 0 0 0 0 0 1470
P61923 P61923 Coatomer subunit zeta-1 COPZ1 >sp|P61923|COPZ1_HUMAN Coatomer subunit zeta-1 OS=Homo sapiens GN=COPZ1 PE=1 SV=1 1 7 7 7 53.7 8.57E-47 50411000 6944700 4954800 2024900 1000700 0 1700000 3442200 83491000 3303600 1967200 0 0 0 0 0 0 0
600920000 3186000 0 0 0 0 71266000 0 0 0 535440000 82585000 0 0 0 4741500 186870000 0 0 0 85893000 281920000 1471
P61956;Q6EEV6 P61956 Small ubiquitin-related modifier 2 SUMO2 >sp|P61956|SUMO2_HUMAN Small ubiquitin-related modifier 2 OS=Homo sapiens GN=SUMO2 PE=1 SV=3 2 4 4 4 3 33.7 4.59E-33 2718900 0 4585800 15878000 17984000 15208000 8847600 38135000 580270000 167010000
3437100 3489200 5156000 37670000 22870000 812310 14669000 23598000 1113300000 218910000 0 53903000 48673000 0 26535000 37410000 1705200 0 0 0 602360000 20636000 15693000 8332900 125710000 8113000 0 14884000 2801300 0 1472
P61960 P61960 Ubiquitin-fold modifier 1 UFM1 >sp|P61960|UFM1_HUMAN Ubiquitin-fold modifier 1 OS=Homo sapiens GN=UFM1 PE=1 SV=1 1 4 4 4 68.2 1.16E-51 0 0 707390 747160 866930 14541000 5473000 53023000 2230200 87576000 0 0 0 0 0 0 0 0
272670000 1360500 67411000 1166000 213540 4755900 722680000 0 0 0 166930000 0 118660000 0 0 221290000 0 0 0 0 0 1473
P61964 P61964 WD repeat-containing protein 5 WDR5 >sp|P61964|WDR5_HUMAN WD repeat-containing protein 5 OS=Homo sapiens GN=WDR5 PE=1 SV=1 1 7 7 7 24.3 8.08E-44 0 0 0 0 0 0 0 0 0 0 0 0 2548800 2838600 0 0 0 0 0 0 0 0 0 0 29493000 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 207180000 0 0 0 0 0 0 0 0 1474
P61970 P61970 Nuclear transport factor 2 NUTF2 >sp|P61970|NTF2_HUMAN Nuclear transport factor 2 OS=Homo sapiens GN=NUTF2 PE=1 SV=1 1 5 5 5 55.1 6.01E-43 0 0 0 0 0 0 0 0 5275800 0 712920000 6780800 0 0 0 0 0 0 0 0 7101600 3114700000 0 0 0
0 0 0 0 121590000 0 0 0 0 0 0 0 0 944610000 0 0 1475
P61978 P61978 Heterogeneous nuclear ribonucleoprotein K HNRNPK >sp|P61978|HNRPK_HUMAN Heterogeneous nuclear ribonucleoprotein K OS=Homo sapiens GN=HNRNPK PE=1 SV=1 1 26 26 26 58.5 5.10E-269 71191000 2628000 6459800 10812000 167590000 1964300000 197870000
264530000 112760000 64294000 0 0 0 6177500 8048200 35838000 6943800000 316480000 228520000 114580000 155020000 0 0 0 0 0 0 4755200 17805000 1188400000 3011500 700770 0 25227000 61903000 163430000 35269000 105470000 2590400000
363400000 342980000 278700000 1476
P61981 P61981 "14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed" YWHAG >sp|P61981|1433G_HUMAN 14-3-3 protein gamma OS=Homo sapiens GN=YWHAG PE=1 SV=2 1 24 17 17 83 1.53E-263 1643200 0 0 0 0 2742700 4389600 5964200 1674100000 33035000 22963000
0 0 0 0 0 4047500 0 6604700000 68992000 33908000 0 0 0 0 0 86160000 21102000 226870000 85978000 14089000 0 0 0 73044 2290300 1500500000 1751900000 907750000 61166000 68709000 1477
P62081 P62081 40S ribosomal protein S7 RPS7 >sp|P62081|RS7_HUMAN 40S ribosomal protein S7 OS=Homo sapiens GN=RPS7 PE=1 SV=1 1 15 15 15 68 3.09E-95 134300000 7062400 4702200 3539900 2993300 3955900 9787100 400020000 223700000 32425000 2860600 0 0 0 0 0
0 217460000 6392400000 133240000 1607100 33795000 47136000 112600000 558300000 22943000 4452900 25088000 78096000 47021000 0 12552000 591930000 391080000 5150500000 614610000 168630000 183480000 168830000 121200000 1478
P62136 P62136 Serine/threonine-protein phosphatase PP1-alpha catalytic subunit PPP1CA >sp|P62136|PP1A_HUMAN Serine/threonine-protein phosphatase PP1-alpha catalytic subunit OS=Homo sapiens GN=PPP1CA PE=1 SV=1 1 20 20 6 63.3 1.84E-254 0 0 0 0 2464900 4502700 13927000
270690000 18991000 20388000 0 0 0 0 0 0 0 1294300000 41507000 13744000 0 0 422510000 315910000 176770000 60460000 145710 3107500 0 0 0 0 799700000 1552700000 651370000 78313000 34877000 34349000 1279800 2447600
1479
P62140 P62140 Serine/threonine-protein phosphatase PP1-beta catalytic subunit PPP1CB >sp|P62140|PP1B_HUMAN Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Homo sapiens GN=PPP1CB PE=1 SV=31 17 5 5 59.6 2.15E-214 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 20097000 5765300 0 0
0 0 0 0 0 172910000 4385000 0 0 0 0 1870900 27268000 0 0 35439 0 8570000 0 0 0 69897000 102400000 0 9215800 2219200 28749000 0 0 1480
P62158;P02585 P62158 Calmodulin CALM1 >sp|P62158|CALM_HUMAN Calmodulin OS=Homo sapiens GN=CALM1 PE=1 SV=2 2 14 14 12 85.9 1.89E-202 0 0 0 0 0 0 0 226290 48818 1220800000 262330000 30366000 0 0 0 0 0 0 0 1534700 3161800000 154120000
0 184800000 316290000 55815000 130340000 117370000 862680 0 0 0 986020000 206760000 62720000 64055000 116440000 54917000 0 10386000 0 0 0 1481
P62166 P62166 Neuronal calcium sensor 1 NCS1 >sp|P62166|NCS1_HUMAN Neuronal calcium sensor 1 OS=Homo sapiens GN=NCS1 PE=1 SV=2 1 2 2 2 12.1 6.34E-08 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10521000 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1482
P62191 P62191 26S protease regulatory subunit 4 PSMC1 >sp|P62191|PRS4_HUMAN 26S protease regulatory subunit 4 OS=Homo sapiens GN=PSMC1 PE=1 SV=1 1 28 28 28 63.6 1.14E-279 8742500 505480 2690100 4703100 118840000 1339500000 227550000 44886000 11388000 13953000 0
0 0 2080400 0 1882900000 20629000 19868000 0 11847000 0 0 0 0 0 0 0 0 348990000 374020000 429880000 0 0 0 0 0 1688800 3354900 1227800000 98813000 1106900000 1483
P62195 P62195 26S protease regulatory subunit 8 PSMC5 >sp|P62195|PRS8_HUMAN 26S protease regulatory subunit 8 OS=Homo sapiens GN=PSMC5 PE=1 SV=1 1 28 28 27 69.2 1.56E-257 46293 110200 156680 2287200 12915000 119740000 1083700000 93859000 17334000 12896000 0
0 0 4575200 2811100 190290000 2485000000 15749000 4729800 3139000 0 0 0 0 0 0 0 149410000 657966000 837190000 0 0 0 0 0 0 0 18730000 160430000 1841400000 1484
P62241 P62241 40S ribosomal protein S8 RPS8 >sp|P62241|RS8_HUMAN 40S ribosomal protein S8 OS=Homo sapiens GN=RPS8 PE=1 SV=2 1 13 13 13 58.7 1.37E-186 467390000 16229000 6080800 5122000 5433400 18457000 30110000 683480000 22780000 6164600 4480700 0 0
0 0 0 0 4310500 2885300000 45638000 3597100 0 0 557600000 55705000 602020000 696360000 1991600 0 0 0 0 2216200 2509400000 641160000 5713600000 858710000 246150000 101420000 44647000 0 1485
P62244 P62244 40S ribosomal protein S15a RPS15A >sp|P62244|RS15A_HUMAN 40S ribosomal protein S15a OS=Homo sapiens GN=RPS15A PE=1 SV=2 1 10 10 3 72.3 2.17E-59 0 0 0 0 0 0 0 0 769630 540470000 128970000 0 0 0 0 0 0 0 0 1084600000 334990000
6490400 374840 0 4382900 0 576090000 33522000 87822000 132410000 7958500 0 0 1872200 220010000 1107500000 871680000 445210000 33954000 24240000 8232600 1486
P62249 P62249 40S ribosomal protein S16 RPS16 >sp|P62249|RS16_HUMAN 40S ribosomal protein S16 OS=Homo sapiens GN=RPS16 PE=1 SV=2 1 16 16 16 70.5 1.73E-49 253210000 6414100 4515800 4073200 3762800 1538400 11355000 19914000 1098300000 146970000 4827200 0
1319400 0 6917600 0 2423300 5719800 5059000000 201410000 24174000 0 147450000 483530000 583900000 5940400000 31623000 137390000 367300000 165890000 0 2394400 192230000 878140000 5134800000 1639700000 2043400000 399730000 358310000
148830 1487
P62253 P62253 Ubiquitin-conjugating enzyme E2 G1 UBE2G1 >sp|P62253|UB2G1_HUMAN Ubiquitin-conjugating enzyme E2 G1 OS=Homo sapiens GN=UBE2G1 PE=1 SV=3 1 5 5 5 28.2 6.86E-29 0 0 0 0 0 0 0 0 0 0 11063000 18904000 0 0 0 0 0 0 0 0 14708000
69245000 948250 0 0 0 238840000 31905000 51301000 0 0 0 0 0 0 0 147090000 44724000 0 0 0 0 0 1488
P62256 P62256 Ubiquitin-conjugating enzyme E2 H UBE2H >sp|P62256|UBE2H_HUMAN Ubiquitin-conjugating enzyme E2 H OS=Homo sapiens GN=UBE2H PE=1 SV=1 1 6 6 6 32.2 1.29E-35 0 0 0 0 0 0 577650 1926000 74606000 5078500 0 0 0 0 0 0 0 0 0 61514000
0 0 0 0 0 38815000 0 0 0 0 0 0 0 18842000 2607700 0 0 0 0 0 1489
P62258 P62258 14-3-3 protein epsilon YWHAE >sp|P62258|1433E_HUMAN 14-3-3 protein epsilon OS=Homo sapiens GN=YWHAE PE=1 SV=1 1 31 31 28 81.2 0 72057000 9020400 10789000 12590000 16269000 55875000 179920000 8337600000 349160000 463970000 7474200
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16852000 736870000 199620000 0 0 2769200 0 582010000 620370000 81533000 543720000 189890000 0 0 0 19070000 375270000 417110000 1667000000 1388300000 567200000 299380000 0 1493
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P62280 P62280 40S ribosomal protein S11 RPS11 >sp|P62280|RS11_HUMAN 40S ribosomal protein S11 OS=Homo sapiens GN=RPS11 PE=1 SV=3 1 14 14 14 62 3.49E-64 0 0 0 0 0 0 1978200 16967000 442140000 8058200 0 0 0 0 0 0 3108300 974380 1545400000
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P62308;A8MWD9 P62308;A8MWD9 Small nuclear ribonucleoprotein G;Small nuclear ribonucleoprotein G-like protein SNRPG >sp|P62308|RUXG_HUMAN Small nuclear ribonucleoprotein G OS=Homo sapiens GN=SNRPG PE=1 SV=1;>sp|A8MWD9|RUXGL_HUMAN Putative small nuclear ribonucleoprotein G-like protein 15
OS=Homo sapiens GN=SNRPGP15 PE=5 SV=2 2 3 3 3 26.3 3.22E-14 0 0 0 0 0 0 0 0 190070000 0 0 0 0 0 0 0 0 0 0 453950000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 79572000 22145000 9182300 22260000 86980000 0 0
25
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0 560460000 470280000 32204000 74859000 35424000 0 0 0 0 1079900000 225010000 44217000 56401000 1968600 0 0 0 0 1532
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P62937;Q9Y536;P0DN26;F5H284;A0A0B4J2A2;A0A075B767;A0A075B759;P0DN37 P62937 Peptidyl-prolyl cis-trans isomerase A PPIA >sp|P62937|PPIA_HUMAN Peptidyl-prolyl cis-trans isomerase A OS=Homo sapiens GN=PPIA PE=1 SV=2 8 17 17 17 86.1 7.56E-261 67817000 13895000 19534000
10219000 6378000 22832000 137280000 231520000 8981000000 1362300000 264820000 14440000 19804000 16177000 28728000 30108000 88793000 373430000 42216000000 1942400000 0 552050 38162000 6258100 8253400 255700000 203390000 735660000
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0 0 0 0 0 0 3272300 1814800000 0 0 0 3082700 5433500 0 0 0 0 0 0 0 0 677870000 33986000 3149700 1231400 0 0 0 1538
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P62993 P62993 Growth factor receptor-bound protein 2 GRB2 >sp|P62993|GRB2_HUMAN Growth factor receptor-bound protein 2 OS=Homo sapiens GN=GRB2 PE=1 SV=1 1 11 11 11 57.1 2.78E-74 0 0 0 0 0 0 0 51887000 31726000 2209300 0 0 0 0 0 0 0 0 237380000
28899000 0 0 0 0 1140200 0 82531000 0 0 0 0 0 0 0 0 677110000 225460000 4747900 0 0 0 1540
P62995 P62995 Transformer-2 protein homolog beta TRA2B >sp|P62995|TRA2B_HUMAN Transformer-2 protein homolog beta OS=Homo sapiens GN=TRA2B PE=1 SV=1 1 4 4 4 14.9 5.47E-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 27566000
104240000 76281000 1037700 0 0 0 0 0 0 42274000 97042000 3081800 0 0 0 0 1541
P63000;P15153;P17081;Q9H4E5 P63000 Ras-related C3 botulinum toxin substrate 1 RAC1 >sp|P63000|RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 OS=Homo sapiens GN=RAC1 PE=1 SV=1 4 11 11 4 54.7 6.28E-68 4938500 499720 0 0 0 0 0 0 26610000 704130000 19163000 0
0 0 0 0 0 0 0 1734400000 13656000 0 0 453120000 0 0 0 0 0 0 0 0 2046600000 1474200 0 0 0 0 0 1542
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0 0 0 23655000 0 0 0 0 0 0 0 0 0 0 0 337440000 3289600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 279200000 0 0 0 0 0 0 0 0 1636400 329460 6271700 1591
P80362;P01610;P01609;P01608;P01607;P01600;P01599;P01594;P01593 P80362;P01610;P01609;P01608;P01607;P01600;P01599;P01594;P01593 Ig kappa chain V-I region WAT;Ig kappa chain V-I region WEA;Ig kappa chain V-I region Scw;Ig kappa chain V-I region Roy;Ig kappa chain V-I region Rei;Ig kappa chain V-I region Hau;Ig
kappa chain V-I region Gal;Ig kappa chain V-I region AU;Ig kappa chain V-I region AG >sp|P80362|KV125_HUMAN Ig kappa chain V-I region WAT OS=Homo sapiens PE=1 SV=1;>sp|P01610|KV118_HUMAN Ig kappa chain V-I region WEA OS=Homo sapiens PE=1 SV=1;>sp|P01609|KV117_HUMAN Ig kappa chain V-I region
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Q02388 Q02388 Collagen alpha-1(VII) chain COL7A1 >sp|Q02388|CO7A1_HUMAN Collagen alpha-1(VII) chain OS=Homo sapiens GN=COL7A1 PE=1 SV=2 1 14 14 14 7.1 5.21E-45 1962600 1591800 1803900 5770900 1349700 0 0 0 0 0 77253 79661000 6639100 0 0 0 0 0 0 0
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Q02413 Q02413 Desmoglein-1 DSG1 >sp|Q02413|DSG1_HUMAN Desmoglein-1 OS=Homo sapiens GN=DSG1 PE=1 SV=2 1 19 19 19 25.1 3.08E-63 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 6381000 0 0 0 0 0 0 0
0 3958900 0 0 0 1655
Q02535 Q02535 DNA-binding protein inhibitor ID-3 ID3 >sp|Q02535|ID3_HUMAN DNA-binding protein inhibitor ID-3 OS=Homo sapiens GN=ID3 PE=1 SV=2 1 1 1 1 10.1 4.97E-08 0 0 0 0 0 0 0 0 0 0 4333200 0 0 0 0 0 0 0 5018600 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 1656
Q02539 Q02539 Histone H1.1 HIST1H1A >sp|Q02539|H11_HUMAN Histone H1.1 OS=Homo sapiens GN=HIST1H1A PE=1 SV=3 1 9 3 3 35.3 1.81E-25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 20466000 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 1657
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6818100 0 0 65418 4452400 101310000 17589000 0 7556200 0 0 0 0 5316900 11066000 10680000 3994400 4329600 5392800 0 1658
Q02750 Q02750 Dual specificity mitogen-activated protein kinase kinase 1 MAP2K1 >sp|Q02750|MP2K1_HUMAN Dual specificity mitogen-activated protein kinase kinase 1 OS=Homo sapiens GN=MAP2K1 PE=1 SV=2 1 12 6 6 28.8 6.20E-65 0 0 0 0 0 0 0 28938000 4061600 0 0 0 0 0 0
0 0 5367100 0 0 0 0 0 0 0 0 0 0 0 21890000 75936000 1632300 0 0 0 0 0 0 5196900 492100000 10904000 3686900 1659
Q02790 Q02790 "Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed" FKBP4 >sp|Q02790|FKBP4_HUMAN Peptidyl-prolyl cis-trans isomerase FKBP4 OS=Homo sapiens GN=FKBP4 PE=1 SV=31 57 57 57 86.5 0 1306500000 93414000 131550000
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Q02809 Q02809 "Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1" PLOD1 ">sp|Q02809|PLOD1_HUMAN Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 OS=Homo sapiens GN=PLOD1 PE=1 SV=2" 1 25 25 25 43.3 6.66E-101 339590 284740 4493600 13661000 163770000 22846000 7294600 0
0 0 0 0 3110500 68018000 620330000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10163000 16183000 0 1661
Q02818 Q02818 Nucleobindin-1 NUCB1 >sp|Q02818|NUCB1_HUMAN Nucleobindin-1 OS=Homo sapiens GN=NUCB1 PE=1 SV=4 1 24 24 24 62.9 4.06E-99 271800 134480 1458600 777260 10865000 152410000 16173000 23128000 0 0 0 0 0 1187900 0 810330000 4468400
11951000 0 0 0 0 0 0 0 0 0 0 0 0 3077700 2561100 0 0 0 0 0 0 33816000 4225600 328490 0 1662
Q02878 Q02878 60S ribosomal protein L6 RPL6 >sp|Q02878|RL6_HUMAN 60S ribosomal protein L6 OS=Homo sapiens GN=RPL6 PE=1 SV=3 1 17 17 17 45.5 1.34E-54 56257000 2154100 1833600 3447600 7532400 30948000 205970000 64021000 0 0 658820 0 0 1093700 2358200
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Q02952 Q02952 A-kinase anchor protein 12 AKAP12 >sp|Q02952|AKA12_HUMAN A-kinase anchor protein 12 OS=Homo sapiens GN=AKAP12 PE=1 SV=4 1 59 59 59 47.3 0 68862000 275620000 116160000 25577000 13402000 10643000 0 0 0 0 3549100 1470100000 61176000
11494000 0 0 904040 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q08945 Q08945 FACT complex subunit SSRP1 SSRP1 >sp|Q08945|SSRP1_HUMAN FACT complex subunit SSRP1 OS=Homo sapiens GN=SSRP1 PE=1 SV=1 1 13 13 13 24.4 3.78E-59 0 0 0 0 0 0 0 0 0 0 0 0 0 0 9170600 0 0 0 0 0 0 0 47640000 0 0
0 0 0 0 0 0 0 587870000 802420 0 0 0 0 0 0 1717
Q08AG7 Q08AG7 Mitotic-spindle organizing protein 1 MZT1 >sp|Q08AG7|MZT1_HUMAN Mitotic-spindle organizing protein 1 OS=Homo sapiens GN=MZT1 PE=1 SV=2 1 2 2 2 39 4.70E-12 0 0 0 0 0 0 0 0 0 0 417370 5427500 0 0 0 0 0 0 0 0 0 32439000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 1718
Q08J23 Q08J23 tRNA (cytosine(34)-C(5))-methyltransferase NSUN2 >sp|Q08J23|NSUN2_HUMAN tRNA (cytosine(34)-C(5))-methyltransferase OS=Homo sapiens GN=NSUN2 PE=1 SV=2 1 60 60 60 81.6 6.78E-289 69320000 17809000 160990000 2704900000 1326200000 1463500000 174740000
424760000 27440000 17327000 1110700 4708300 366570000 14824000000 821000000 226560000 63621000 247140000 26334000 7954800 0 1863500 5480400 732040000 78603000 168660000 0 0 0 0 0 827220 183670000 248550000 96797000 37851000
9023100 10619000 6069100 1321600 1719
Q09028 Q09028 Histone-binding protein RBBP4 RBBP4 >sp|Q09028|RBBP4_HUMAN Histone-binding protein RBBP4 OS=Homo sapiens GN=RBBP4 PE=1 SV=3 1 20 13 13 78.4 9.55E-126 0 0 1532000 2152000 4063200 101960000 212160000 37336000 38517000 11076000 0 0 0
0 852030000 580710000 18557000 35799000 8125100 0 0 0 205310000 126050000 0 0 35955000 41240000 0 0 0 677870 2234400000 59245000 15787000 6650500 12659000 15056000 1720
Q09161 Q09161 Nuclear cap-binding protein subunit 1 NCBP1 >sp|Q09161|NCBP1_HUMAN Nuclear cap-binding protein subunit 1 OS=Homo sapiens GN=NCBP1 PE=1 SV=1 1 22 22 22 40.5 4.36E-161 0 0 2544900 15555000 212020000 34245000 13901000 12619000 1270600 0 0 0
0 79642000 233990000 0 0 0 0 0 0 0 0 0 0 259520 481230000 0 0 0 0 0 0 0 0 0 0 355770000 196750000 191960000 111040000 1192100 0 1721
Q09666;P48552 Q09666 Neuroblast differentiation-associated protein AHNAK AHNAK >sp|Q09666|AHNK_HUMAN Neuroblast differentiation-associated protein AHNAK OS=Homo sapiens GN=AHNAK PE=1 SV=2 2 293 293 291 71.6 0 554900000 4800500000 3630900000 1356800000 916520000 854080000
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34611000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1727
Q10567 Q10567 AP-1 complex subunit beta-1 AP1B1 >sp|Q10567|AP1B1_HUMAN AP-1 complex subunit beta-1 OS=Homo sapiens GN=AP1B1 PE=1 SV=2 1 18 18 11 30.1 4.70E-60 0 0 1948800 103860000 39782000 7303100 1208900 0 0 0 0 2084500 3380100 315220000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1728
Q10570 Q10570 Cleavage and polyadenylation specificity factor subunit 1 CPSF1 >sp|Q10570|CPSF1_HUMAN Cleavage and polyadenylation specificity factor subunit 1 OS=Homo sapiens GN=CPSF1 PE=1 SV=2 1 5 5 5 4.3 2.79E-09 19477000 967930 546540 0 0 0 0 0 0 0 0 0 0
14901000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1729
Q10713 Q10713 Mitochondrial-processing peptidase subunit alpha PMPCA >sp|Q10713|MPPA_HUMAN Mitochondrial-processing peptidase subunit alpha OS=Homo sapiens GN=PMPCA PE=1 SV=2 1 27 27 27 57.3 1.13E-118 678010 170430 654410 866380 9448200 116280000 167880000 25392000
430510 6342700 0 0 437940 0 0 884180000 408620000 4584300 0 1556700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5773400 222430000 1730
Q12765 Q12765 Secernin-1 SCRN1 >sp|Q12765|SCRN1_HUMAN Secernin-1 OS=Homo sapiens GN=SCRN1 PE=1 SV=2 1 20 20 20 45.4 9.07E-102 0 0 0 0 0 3132000 59941000 104090000 14190000 13218000 14987000 0 0 0 0 0 0 185170000 204080000 14806000
8467400 7536300 0 623440000 2530000 0 0 0 0 0 0 0 1317500 60897000 860300 0 0 0 0 0 0 0 1731
Q12768 Q12768 WASH complex subunit strumpellin KIAA0196 >sp|Q12768|STRUM_HUMAN WASH complex subunit strumpellin OS=Homo sapiens GN=KIAA0196 PE=1 SV=1 1 6 6 6 8.5 2.70E-16 0 0 6169600 7840700 870330 0 0 0 0 0 0 0 0 14385000 4250200 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1732
Q12769 Q12769 Nuclear pore complex protein Nup160 NUP160 >sp|Q12769|NU160_HUMAN Nuclear pore complex protein Nup160 OS=Homo sapiens GN=NUP160 PE=1 SV=3 1 11 11 11 10.7 8.08E-39 55120000 7235700 8147600 3910500 0 0 0 0 0 0 0 1463200 114620000 2252000 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1733
Q12792 Q12792 Twinfilin-1 TWF1 >sp|Q12792|TWF1_HUMAN Twinfilin-1 OS=Homo sapiens GN=TWF1 PE=1 SV=3 1 21 21 19 56.3 0 514080000 56368000 31877000 12165000 17176000 27854000 62726000 118470000 2462700 0 3708900 4205600 3649300 0 0 0
87276000 1176300000 14967000 0 0 26735000 124850 1026500000 51671000 0 387490 238660 0 0 0 0 7003100 3609400000 63282000 10844000 2212400 2250300 0 0 1734
Q12802 Q12802 A-kinase anchor protein 13 AKAP13 >sp|Q12802|AKP13_HUMAN A-kinase anchor protein 13 OS=Homo sapiens GN=AKAP13 PE=1 SV=2 1 2 2 2 1.1 3.82E-06 0 1140200 1361700 1193900 0 0 0 0 0 0 0 0 12463000 2796900 2836300 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1735
Q12849 Q12849 G-rich sequence factor 1 GRSF1 >sp|Q12849|GRSF1_HUMAN G-rich sequence factor 1 OS=Homo sapiens GN=GRSF1 PE=1 SV=3 1 6 6 6 24.2 3.32E-22 0 0 0 0 2491700 40798000 46857000 1903800 0 0 0 0 0 0 3357600 2304000000 63002000 0
1803100 0 0 0 0 0 115040000 77369000 0 0 0 0 0 0 0 37298000 4214400 753360 0 0 0 1736
Q12864 Q12864 Cadherin-17 CDH17 >sp|Q12864|CAD17_HUMAN Cadherin-17 OS=Homo sapiens GN=CDH17 PE=2 SV=31 10 10 10 15 1.02E-43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2036500 4719000 27991000 0 25841000
41738000 20129000 0 0 0 15512000 206170000 165970000 139620000 93631000 77865000 144290000 1737
Q12874 Q12874 Splicing factor 3A subunit 3 SF3A3 >sp|Q12874|SF3A3_HUMAN Splicing factor 3A subunit 3 OS=Homo sapiens GN=SF3A3 PE=1 SV=1 1 13 13 13 28.3 2.84E-50 10669 420750 1870900 95256 17029000 246840000 9309000 2543500 0 0 0 0 2603400 0 1406500 476370000
2568100 0 0 0 482080000 910000 0 0 0 0 0 0 0 0 0 0 9219900 5831300 1738
Q12882 Q12882 Dihydropyrimidine dehydrogenase [NADP(+)] DPYD >sp|Q12882|DPYD_HUMAN Dihydropyrimidine dehydrogenase [NADP(+)] OS=Homo sapiens GN=DPYD PE=1 SV=2 1 16 16 16 21.6 7.14E-46 8261900 1844700 5975600 28223000 5649700 523700 0 0 0 0 0 0 0
141370000 20342000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1739
Q12888 Q12888 Tumor suppressor p53-binding protein 1 TP53BP1 >sp|Q12888|TP53B_HUMAN Tumor suppressor p53-binding protein 1 OS=Homo sapiens GN=TP53BP1 PE=1 SV=2 1 26 26 26 18.3 1.09E-90 17057000 97312000 100790000 24224000 11564000 11470000 1021600 0 0 0
39048 81068000 16822000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

176740000 49570000 0 0 0 0 0 0 0 0 311950000 26638000 0 0 0 0 0 0 0 0 0 1783
Q13247 Q13247 Serine/arginine-rich splicing factor 6 SRSF6 >sp|Q13247|SRSF6_HUMAN Serine/arginine-rich splicing factor 6 OS=Homo sapiens GN=SRSF6 PE=1 SV=2 1 13 13 8 31.1 2.89E-53 0 0 0 858550 8843500 21321000 29132000 6090200 0 0 0 0 0 3007700 20032000
198070000 13563000 4605100 0 0 178520000 0 106850000 5540500 0 0 0 0 0 0 1039400000 2694100000 91500000 0 0 0 0 0 0 0 1784
Q13257 Q13257 Mitotic spindle assembly checkpoint protein MAD2A MAD2L1>sp|Q13257|MD2L1_HUMAN Mitotic spindle assembly checkpoint protein MAD2A OS=Homo sapiens GN=MAD2L1 PE=1 SV=1 1 7 7 7 33.2 1.64E-35 0 0 0 0 0 0 0 0 28469000 1152200 0 0 0 0 0 0
0 0 57566000 0 0 0 163440000 64314000 0 0 0 0 0 0 0 192160000 1976400 0 0 0 0 5297600 1785
Q13263 Q13263 Transcription intermediary factor 1-beta TRIM28 >sp|Q13263|TIF1B_HUMAN Transcription intermediary factor 1-beta OS=Homo sapiens GN=TRIM28 PE=1 SV=5 1 26 26 26 46.8 3.35E-189 34285000 15198000 87186000 875710000 398060000 382250000 170260000
49995000 44388000 17655000 96834 982990 12155000 2601100000 81970000 82895000 23244000 0 13643000 15205000 0 0 0 24931000 0 0 0 0 0 0 0 0 12383000 0 119910000 4674500 0 0 0 0 1786
Q13283 Q13283 Ras GTPase-activating protein-binding protein 1 G3BP1 >sp|Q13283|G3BP1_HUMAN Ras GTPase-activating protein-binding protein 1 OS=Homo sapiens GN=G3BP1 PE=1 SV=1 1 20 20 17 46.4 4.27E-147 0 0 206420 1380200 7638800 369840000 20923000 20218000
29899000 3280100 0 0 0 0 110470000 1920200000 64799000 60732000 98014000 1877100 0 0 368010 0 0 0 0 0 364780000 55103000 50684000 0 4020900 709880 914680 0 0 0 34545000 2281500000 157660000 75432000 1787
Q13287 Q13287 N-myc-interactor NMI >sp|Q13287|NMI_HUMAN N-myc-interactor OS=Homo sapiens GN=NMI PE=1 SV=2 1 6 6 6 22.1 3.17E-20 0 0 0 0 0 0 0 0 0

Q14011 Q14011 Cold-inducible RNA-binding protein CIRBP >sp|Q14011|CIRBP_HUMAN Cold-inducible RNA-binding protein OS=Homo sapiens GN=CIRBP PE=1 SV=1 1 5 5 5 38.4 5.39E-93 0 0 0 0 0 0 0 0 1647400 862170 0 0 0 0 0 0 0 0 73413000 4745200 0
0 39592000 0 0 0 0 0 0 0 0 160320000 219400000 4764300 19429000 0 0 0 0 0 0 1849
Q14012 Q14012 Calcium/calmodulin-dependent protein kinase type 1 CAMK1 >sp|Q14012|KCC1A_HUMAN Calcium/calmodulin-dependent protein kinase type 1 OS=Homo sapiens GN=CAMK1 PE=1 SV=1 1 3 1 1 7.3 9.98E-08 0 0 0 0 0 0 0 0

Q14C86 Q14C86 GTPase-activating protein and VPS9 domain-containing protein 1 GAPVD1>sp|Q14C86|GAPD1_HUMAN GTPase-activating protein and VPS9 domain-containing protein 1 OS=Homo sapiens GN=GAPVD1 PE=1 SV=2 1 13 13 13 10.5 2.25E-35 1512100 6253800 56888000 23484000 38868000
36015000 5713600 1602200 0 0 180610 12561000 7783300 2203700 0 0 960700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1916
Q14CX7 Q14CX7 "N-alpha-acetyltransferase 25, NatB auxiliary subunit"NAA25 ">sp|Q14CX7|NAA25_HUMAN N-alpha-acetyltransferase 25, NatB auxiliary subunit OS=Homo sapiens GN=NAA25 PE=1 SV=1" 1 29 29 29 36.8 5.22E-115 0 0 7781600 99304000 15366000 5257300 0 0 0 0 0 0
0 231380000 7591700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q15642 Q15642 Cdc42-interacting protein 4 TRIP10 >sp|Q15642|CIP4_HUMAN Cdc42-interacting protein 4 OS=Homo sapiens GN=TRIP10 PE=1 SV=3 1 19 19 19 36.3 3.24E-92 0 484730 562080 0 8477100 1562500 1629600 0 0 0 33742 0 550000 1317900 66844000 2785300 0 0
0 0 0 0 0 0 0 0 311180 23649000 0 0 0 0 0 0 0 0 0 349490000 0 0 1983
Q15643 Q15643 Thyroid receptor-interacting protein 11 TRIP11 >sp|Q15643|TRIP8_HUMAN Thyroid receptor-interacting protein 11 OS=Homo sapiens GN=TRIP11 PE=1 SV=3 1 24 24 24 15.4 8.27E-61 538250 14048000 9373900 0 0 0 0 0 0 0 5570300 113440000 2275800 0 0
0 0 0 0 0 0 0 0 0

Q16881 Q16881 "Thioredoxin reductase 1, cytoplasmic" TXNRD1 >sp|Q16881|TRXR1_HUMAN Thioredoxin reductase 1, cytoplasmic OS=Homo sapiens GN=TXNRD1 PE=1 SV=3" 1 33 33 32 60.9 5.49E-281 996700000 89342000 136390000 154810000 534620000 5146900000 1309800000 255400000
64482000 103150000 3096600 7075200 125580000 217650000 1127400000 16728000000 81992000 65861000 9065300 4429700 0 0 0 23811000 519720000 173610000 0 0 0 0 0 0 0 1159500000 360010000 291710000 22547000 10295000 0 0 2046
Q16890 Q16890 Tumor protein D53 TPD52L1 >sp|Q16890|TPD53_HUMAN Tumor protein D53 OS=Homo sapiens GN=TPD52L1 PE=1 SV=1 1 5 5 5 24.5 7.26E-32 0 0 0 0 0 0 0 7291600 54071000 0 0 0 0 0 0 0 0 24023000 208370000 4255700 0 0 0
0 0 0 157820000 47900000 28976000 0 0 0 0 0 0 0 8755900 1124500 15303000 49289000 2047
Q17R31 Q17R31 Putative deoxyribonuclease TATDN3 TATDN3>sp|Q17R31|TATD3_HUMAN Putative deoxyribonuclease TATDN3 OS=Homo sapiens GN=TATDN3 PE=1 SV=1 1 6 6 6 29.6 1.48E-14 0 0 0 0 0 0 0 0

0 0 0

0 0 0

GN=RRAGB PE=1 SV=1 2 1 1 1 3.2 9.91E-05 7276400 434550 0 0 0

Q86YP4 Q86YP4 Transcriptional repressor p66-alpha GATAD2A >sp|Q86YP4|P66A_HUMAN Transcriptional repressor p66-alpha OS=Homo sapiens GN=GATAD2A PE=1 SV=1 1 3 3 3 4.6 4.56E-09 0 0 0

Q8N3X1 Q8N3X1 Formin-binding protein 4 FNBP4 >sp|Q8N3X1|FNBP4_HUMAN Formin-binding protein 4 OS=Homo sapiens GN=FNBP4 PE=1 SV=3 1 6 6 6 6.5 5.95E-18 0 586310 6346300 1460500 530780 0 0 0 0 0 0 0 48072000 1315700 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2392
Q8N414 Q8N414 PiggyBac transposable element-derived protein 5 PGBD5 >sp|Q8N414|PGBD5_HUMAN PiggyBac transposable element-derived protein 5 OS=Homo sapiens GN=PGBD5 PE=1 SV=3 1 1 1 1 3.5 3.47E-54 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q8NI27 Q8NI27 THO complex subunit 2 THOC2 >sp|Q8NI27|THOC2_HUMAN THO complex subunit 2 OS=Homo sapiens GN=THOC2 PE=1 SV=2 1 11 11 11 6.5 1.36E-28 0 0 2111900 0 0 0 0 0 0 0 0 0 6530300 0 0 0 0 0 0 0 0 0

Q8WWY3 Q8WWY3 U4/U6 small nuclear ribonucleoprotein Prp31 PRPF31 >sp|Q8WWY3|PRP31_HUMAN U4/U6 small nuclear ribonucleoprotein Prp31 OS=Homo sapiens GN=PRPF31 PE=1 SV=2 1 8 8 8 21.8 3.02E-21 0 0 0 0 4079600 73994000 8586600 0 0 0 0 0 0 0
5599800 108760000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5510200 19953000 30758000 11909000 0 2531
Q8WX92 Q8WX92 Negative elongation factor B NELFB >sp|Q8WX92|NELFB_HUMAN Negative elongation factor B OS=Homo sapiens GN=NELFB PE=1 SV=1 1 3 3 3 7.1 5.35E-09 0 0 367770 3158400 3262700 29766000 780210 942920 0 0 0 0 0 0 0 5625600 1092100 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 622100 7378000 0 2532
Q8WX93 Q8WX93 Palladin PALLD >sp|Q8WX93|PALLD_HUMAN Palladin OS=Homo sapiens GN=PALLD PE=1 SV=3 1 26 26 26 23.2 5.85E-103 1079000 4183600 52255000 42831000 46718000 74576000 9071500 17349000 490590 0 0 0 635130000 167650000
129030000 98986000 5170600 36371000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 2598
Q93034 Q93034 Cullin-5 CUL5 >sp|Q93034|CUL5_HUMAN Cullin-5 OS=Homo sapiens GN=CUL5 PE=1 SV=4 1 8 8 8 14.1 4.37E-28 1531200 91777 312430 2714200 25492000 4973200 0 0 0 0 0 0 0 2751000 0 0 0 0 0 0 0 0 0 0 0 0 0
44436000 29480000 0 0 0 0 0 0 0 0 0 1134300 53024000 2599
Q93045;Q9H169 Q93045 Stathmin-2 STMN2 >sp|Q93045|STMN2_HUMAN Stathmin-2 OS=Homo sapiens GN=STMN2 PE=1 SV=3 2 6 1 1 16.8 2.64E-45 0 0 0 0 0 0 0 3775200 145720000 13505000 852590 0 0 0 0 0 0 4705100 1153000000 22566000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0

Q96DX5 Q96DX5 Ankyrin repeat and SOCS box protein 9 ASB9 >sp|Q96DX5|ASB9_HUMAN Ankyrin repeat and SOCS box protein 9 OS=Homo sapiens GN=ASB9 PE=1 SV=1 1 1 1 1 6.5 7.14E-06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 46131000 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2665
Q96E11 Q96E11 "Ribosome-recycling factor, mitochondrial" MRRF ">sp|Q96E11|RRFM_HUMAN Ribosome-recycling factor, mitochondrial OS=Homo sapiens GN=MRRF PE=1 SV=1" 1 8 8 8 43.1 7.94E-81 0 0 0 0 0 0 0 0 0 44070000 521820 0 0 0 0 0 0 0 0 2927600
171130000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 96690000 0 0 0 0 0 0 0 0 2666
Q96EA4 Q96EA4 Protein Spindly SPDL1 >sp|Q96EA4|SPDLY_HUMAN Protein Spindly OS=Homo sapiens GN=SPDL1 PE=1 SV=2 1 2 2 2 3.6 6.53E-05 0 0 0 0 1395500 709390 114600 0 0 0 0 0 0 0 2544300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

1082700000 50660000 0 0 0 75420000 0 0 0 0 0 0 0 182280000 227740000 16840000 0 0 0 0 0 2734
Q96K76 Q96K76 Ubiquitin carboxyl-terminal hydrolase 47 USP47 >sp|Q96K76|UBP47_HUMAN Ubiquitin carboxyl-terminal hydrolase 47 OS=Homo sapiens GN=USP47 PE=1 SV=3 1 31 31 31 29.3 4.16E-143 29021000 14295000 118240000 63765000 21983000 16417000 2369600 0 0 0
0 12696000 448950000 49101000 3074600 0 0 0 0 0 0 0 0 0 0 89808000 0 0 0 0 0 0 0 0 17805000 34758000 43207000 0 2735
Q96KB5 Q96KB5 Lymphokine-activated killer T-cell-originated protein kinase PBK >sp|Q96KB5|TOPK_HUMAN Lymphokine-activated killer T-cell-originated protein kinase OS=Homo sapiens GN=PBK PE=1 SV=31 13 13 13 13 37.9 3.52E-66 0 0 0 0 0 988220 54210000 93219000 5272300 0 0 0
0 0 0 0 0 80666000 9665000 0 0 0 0 34021000 25960000 6115100 20811000 4245800 4751200 0 0 0 528940 238440000 24014000 5137600 31466000 64835000 4620700 850400 0 2736
Q96KG9 Q96KG9 N-terminal kinase-like protein SCYL1 >sp|Q96KG9|NTKL_HUMAN N-terminal kinase-like protein OS=Homo sapiens GN=SCYL1 PE=1 SV=1 1 2 2 2 3.1 5.68E-08 0 0 0 3658300 1727500 888320 0 0 0 0 0 0 0 7750400 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2737
Q96KP4 Q96KP4 Cytosolic non-specific dipeptidase CNDP2 >sp|Q96KP4|CNDP2_HUMAN Cytosolic non-specific dipeptidase OS=Homo sapiens GN=CNDP2 PE=1 SV=2 1 29 29 29 65.1 1.31E-147 6340000 247070 632770 699000 22466000 405820000 784810000 85385000 23014000 50069000
0 0 0 0 0 2351400000 406210000 10115000 2526100 17089000 0 0 0 0 69265000 17575000 365240000 17219000 35509000 0 0 0 0 281750000 145770000 330810000 573380000 118020000 16319000 0 0 2738
Q96KQ7 Q96KQ7 Histone-lysine N-methyltransferase EHMT2 EHMT2 >sp|Q96KQ7|EHMT2_HUMAN Histone-lysine N-methyltransferase EHMT2 OS=Homo sapiens GN=EHMT2 PE=1 SV=3 1 1 1 1 2.2 7.49E-18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Q99627 Q99627 COP9 signalosome complex subunit 8 COPS8 >sp|Q99627|CSN8_HUMAN COP9 signalosome complex subunit 8 OS=Homo sapiens GN=COPS8 PE=1 SV=1 1 7 7 7 63.2 4.38E-77 0 0 0 0 0 0 0 0 7752800 256920000 4835800 0 0 0 0 0 0 0 0 762070000
3955900 0 0 0 0 0 0 0 0 0 169460000 35132000 0 0 0 0 0 0 0 0 0 260350000 350460000 2802
Q99638 Q99638 Cell cycle checkpoint control protein RAD9A RAD9A >sp|Q99638|RAD9A_HUMAN Cell cycle checkpoint control protein RAD9A OS=Homo sapiens GN=RAD9A PE=1 SV=1 1 3 3 3 10.7 7.36E-21 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 2867
Q9BS26 Q9BS26 Endoplasmic reticulum resident protein 44 ERP44 >sp|Q9BS26|ERP44_HUMAN Endoplasmic reticulum resident protein 44 OS=Homo sapiens GN=ERP44 PE=1 SV=1 1 17 17 17 47.8 8.79E-99 78263000 12734000 11373000 4068500 3470000 9603300 71137000 13317000 1928900
2517900 2070300 0 0 0 0 0 0 720920000 0 0 0 0 0 839860000 47490000 389470000 4660400 169010 0 0 0 0 0 0 3379500 821390000 237120000 8430800 0 0 0 0 2868
Q9BS40 Q9BS40 Latexin LXN >sp|Q9BS40|LXN_HUMAN Latexin OS=Homo sapiens GN=LXN PE=1 SV=2 1 2 2 2 12.2 1.53E-09 0 0 0 0 0 0 0 0 0 59204000 810980 0 0 0 0 0 0 0 0 78834000 0 0 0 0 0 0 0 0 0

0 2282500 0 0 0

Q9GZU8 Q9GZU8 Protein FAM192A FAM192A >sp|Q9GZU8|F192A_HUMAN Protein FAM192A OS=Homo sapiens GN=FAM192A PE=1 SV=11 8 8 8 31.5 1.53E-16 0 0 0 0 0 0 0 0 12033000 17324000 9294700 0 0 0 0 0 0 8366500 48803000 45548000 13705000
0 0 0 0 0 0 0 0 1028700 0 0 0 0 8288700 21455000 46028000 5667300 0 0 763550 3000
Q9GZZ1 Q9GZZ1 N-alpha-acetyltransferase 50 NAA50 >sp|Q9GZZ1|NAA50_HUMAN N-alpha-acetyltransferase 50 OS=Homo sapiens GN=NAA50 PE=1 SV=1 1 15 15 15 53.3 1.14E-84 5428900 0 0 0 0 0 0 1541400 432670000 17192000 0 0 0 0 0 0 0 0 1312800000
4587400 0 0 0 0 117230000 4515700000 7876000 23356000 0 0 0 0 0 0 0 0

Q9H5Q4 Q9H5Q4 "Dimethyladenosine transferase 2, mitochondrial" TFB2M ">sp|Q9H5Q4|TFB2M_HUMAN Dimethyladenosine transferase 2, mitochondrial OS=Homo sapiens GN=TFB2M PE=1 SV=1" 1 4 4 4 13.1 1.37E-10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 15664000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3069

Q9H5X1 Q9H5X1 MIP18 family protein FAM96A FAM96A >sp|Q9H5X1|FA96A_HUMAN MIP18 family protein FAM96A OS=Homo sapiens GN=FAM96A PE=1 SV=1 1 2 2 2 12.5 2.68E-07 4645600 293480 641980 0 0 0 0 0 20019000 486560 0 0 0 0 0 0 0 0 0 0 52357000 0 0 0 0 20711000 0 0 0 0 0 0 6677500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3070

Q9H6E5;H3BRB1 Q9H6E5;H3BRB1 Speckle targeted PIP5K1A-regulated poly(A) polymerase TUT1;MIR3654 >sp|Q9H6E5|STPAP_HUMAN Speckle targeted PIP5K1A-regulated poly(A) polymerase OS=Homo sapiens GN=TUT1 PE=1 SV=2;>tr|H3BRB1|H3BRB1_HUMAN Uncharacterized protein OS=Homo sapiens PE=4 SV=12 4 4 4 5.4 8.42E-09 0 0 0 11703000 2264600 0 0 0 0 0 0 0 0 0 9387500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 219080000 14741000 0 0 0 0 0 1664900 11428000 288110 460870000 0 0 0 0 0 3133
Q9HD47 Q9HD47 Ran guanine nucleotide release factor RANGRF >sp|Q9HD47|MOG1_HUMAN Ran guanine nucleotide release factor OS=Homo sapiens GN=RANGRF PE=1 SV=1 1 2 2 2 12.4 1.15E-07 0 0 0 0 0 0 0 0 19608000 0 0 0 0 0 0 0 0 0 21403000 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3134
Q9NNW5 Q9NNW5 WD repeat-containing protein 6 WDR6 >sp|Q9NNW5|WDR6_HUMAN WD repeat-containing protein 6 OS=Homo sapiens GN=WDR6 PE=1 SV=1 1 2 2 2 2.8 1.09E-05 6230500 0 823670 265310 375970 155980 0 0 0 0 0 0 0 860050 20510000 2718800 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3135
Q9NNW7 Q9NNW7 "Thioredoxin reductase 2, mitochondrial" TXNRD2 ">sp|Q9NNW7|TRXR2_HUMAN Thioredoxin reductase 2, mitochondrial OS=Homo sapiens GN=TXNRD2 PE=1 SV=3" 1 10 9 9 27.9 1.66E-48 57628000 4141500 3496600 1871700 3530600 9805000 969700 0 0 0 0 0 0
0 0 75728000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1002400 7284500 0 0 0 0 0 3136
Q9NP55 Q9NP55 BPI fold-containing family A member 1 BPIFA1 >sp|Q9NP55|BPIA1_HUMAN BPI fold-containing family A member 1 OS=Homo sapiens GN=BPIFA1 PE=1 SV=1 1 4 4 4 23 7.25E-23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

3469700 9087300 5872200000 79359000 30315000 67475000 547470 419120000 898600000 12195000 0 0 0 0 0 0 0 0 1268500000 1988500000 17810000 0 0 0 0 0 0 3199
Q9NTM9 Q9NTM9 Copper homeostasis protein cutC homolog CUTC >sp|Q9NTM9|CUTC_HUMAN Copper homeostasis protein cutC homolog OS=Homo sapiens GN=CUTC PE=1 SV=1 1 5 5 5 29.7 9.53E-17 0 0 0 0 0 0 0 0

0 0 0 0 0 0 24193000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3266
Q9NYF8 Q9NYF8 Bcl-2-associated transcription factor 1 BCLAF1 >sp|Q9NYF8|BCLF1_HUMAN Bcl-2-associated transcription factor 1 OS=Homo sapiens GN=BCLAF1 PE=1 SV=2 1 3 2 2 4.8 2.12E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 14037000 0 0 0 3332
Q9UBR2 Q9UBR2 Cathepsin Z CTSZ >sp|Q9UBR2|CATZ_HUMAN Cathepsin Z OS=Homo sapiens GN=CTSZ PE=1 SV=1 1 7 7 7 23.8 2.86E-54 0 0 0 0 0 510270 1277200 122800000 2334000 443810 0 0 0 0 0 0 2204500 482310000 2300100 15010000 0 284110000
2752900 0 0 0 0 0 0 0 56351000 1193300000 0 0 0 0 0 0 0 0 3333
Q9UBS4 Q9UBS4 DnaJ homolog subfamily B member 11 DNAJB11 >sp|Q9UBS4|DJB11_HUMAN DnaJ homolog subfamily B member 11 OS=Homo sapiens GN=DNAJB11 PE=1 SV=11 2 2 2 7.5 2.00E-08 0 0 0 0 0 66471000 27660000 3911600 0 0 0 0 0 0 0 0 40801000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3334
Q9UBT2 Q9UBT2 SUMO-activating enzyme subunit 2 UBA2 >sp|Q9UBT2|SAE2_HUMAN SUMO-activating enzyme subunit 2 OS=Homo sapiens GN=UBA2 PE=1 SV=2 1 39 39 39 69.8 9.93E-301 24663000 6076700 32402000 389350000 886150000 351040000 169640000 128030000
42119000 17943000 308830 0 6959200 4631200000 1915500000 154900000 47614000 45748000 63650000 10582000 162980 377620000 2892200000 201320000 315530000 180380000 2310800 44160000 169780000 20468000 0 712380000 944750000 154350000
281120000 171320000 154350000 406080000 507200000 157870000 3335
Q9UBU9 Q9UBU9 Nuclear RNA export factor 1 NXF1 >sp|Q9UBU9|NXF1_HUMAN Nuclear RNA export factor 1 OS=Homo sapiens GN=NXF1 PE=1 SV=11 3 3 3 5 3.35E-09 0 0 0 0 0 1588000 504170 0 0 0 0 0 0 0 14154000 2494400 0 0 0 0 0 0 0 0 0
0 0 0 0 3457000 0 0 0 0 0 0 0 0 100540000 3337
Q9UBW8 Q9UBW8 COP9 signalosome complex subunit 7a COPS7A >sp|Q9UBW8|CSN7A_HUMAN COP9 signalosome complex subunit 7a OS=Homo sapiens GN=COPS7A PE=1 SV=1 1 13 13 13 60.4 3.47E-77 0 0 0 0 0 0 0 119130000 7925100 858250 0 0 0 0 0 0 0
163030000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 64002000 0 0 0 0 0 0 0 0 0 0 66048000 133510000 3338
Q9UDR5 Q9UDR5 "Alpha-aminoadipic semialdehyde synthase, mitochondrial;Lysine ketoglutarate reductase;Saccharopine dehydrogenase" AASS ">sp|Q9UDR5|AASS_HUMAN Alpha-aminoadipic semialdehyde synthase, mitochondrial OS=Homo sapiens GN=AASS PE=1 SV=1" 1 7 7 7 10.3 3.99E-16 0 0 0 0
25907000 3196600 2246200 0 0 0 0 0 0 0 0 24822000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 34794000 14901 0 0 0 0 0 0 0 0 3337600 0 0 3339
Q9UDT6 Q9UDT6 CAP-Gly domain-containing linker protein 2 CLIP2 >sp|Q9UDT6|CLIP2_HUMAN CAP-Gly domain-containing linker protein 2 OS=Homo sapiens GN=CLIP2 PE=1 SV=1 1 9 3 3 7.4 2.10E-23 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

153950000 27730000 0 0 0

Q9Y265 Q9Y265 RuvB-like 1 RUVBL1 >sp|Q9Y265|RUVB1_HUMAN RuvB-like 1 OS=Homo sapiens GN=RUVBL1 PE=1 SV=1 1 18 18 18 49.6 1.76E-77 5203000 271020 2044100 3126900 49312000 642590000 698600000 67499000 9162900 0 0 686080 0 0 4634100 2176300000
379380000 3327200 1222000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3470
Q9Y266 Q9Y266 Nuclear migration protein nudC NUDC >sp|Q9Y266|NUDC_HUMAN Nuclear migration protein nudC OS=Homo sapiens GN=NUDC PE=1 SV=1 1 35 35 35 82.5 1.61E-265 299750000 25688000 17938000 18787000 29413000 114540000 1170200000 209610000
160250000 45824000 2071500 0 0 3849400 1838200 22508000 4683700000 110060000 32487000 15567000 0 0 0 18238 47232000 1109400000 48042000 38304 288390 0 0 0 0 186400000 181730000 4663400000 416980000 77574000 42227000
18654000 3471
Q9Y281 Q9Y281 Cofilin-2 CFL2 >sp|Q9Y281|COF2_HUMAN Cofilin-2 OS=Homo sapiens GN=CFL2 PE=1 SV=1 1 24 15 15 89.8 7.90E-218 51086000 2492700 2183300 1428800 757350 1391800 870990 4524900 169980000 31737000 0 0 0 0 0 0 0 0 1393800000
39341000 988200000 0 0 0 0 0 0 0 0 0 0 763100000 781410 0 0 0 0 0 0 0 0 0 0 3472
Q9Y285 Q9Y285 Phenylalanine--tRNA ligase alpha subunit FARSA >sp|Q9Y285|SYFA_HUMAN Phenylalanine--tRNA ligase alpha subunit OS=Homo sapiens GN=FARSA PE=1 SV=3 1 27 27 27 57.9 4.68E-255 0 0 351680 247300 72607000 957830000 29431000 28238000 1173900 0
0 0 0 0 0 0 1261600000 25937000 0 0 0 0 0 0 0 0 607060 2232800 178290 776880000 3103400000 30347000 0 0 0 0 0 0 70658000 1955000000 1761900000 3206000 3473
Q9Y291 Q9Y291 "28S ribosomal protein S33, mitochondrial" MRPS33 ">sp|Q9Y291|RT33_HUMAN 28S ribosomal protein S33, mitochondrial OS=Homo sapiens GN=MRPS33 PE=1 SV=1" 1 3 3 3 31.1 1.36E-07 0 0 0 0 0 0 0 0 787580 6915700 0 0 0 0 0 0 0
0 0 22247000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3474
Q9Y294 Q9Y294 Histone chaperone ASF1A ASF1A >sp|Q9Y294|ASF1A_HUMAN Histone chaperone ASF1A OS=Homo sapiens GN=ASF1A PE=1 SV=1 1 4 3 3 35.3 5.73E-15 0 0 0 0 0 0 0 0 3953100 0 0 9241800 0 0 0 0 0 0 95522000 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3475
Q9Y295 Q9Y295 Developmentally-regulated GTP-binding protein 1 DRG1 >sp|Q9Y295|DRG1_HUMAN Developmentally-regulated GTP-binding protein 1 OS=Homo sapiens GN=DRG1 PE=1 SV=1 1 15 15 15 56.7 2.31E-179 0 0 0 0 0 0 85375000 11753000 1696500 0 0 0 0
0 0 0 500680000 3342200 0 0 0 0 0 0 457800000 29096000 19888000 79143000 101780000 88828000 0 0 0 0 0 50092000 324830000 267430000 78492000 229530000 3476
Q9Y2A7 Q9Y2A7 Nck-associated protein 1 NCKAP1 >sp|Q9Y2A7|NCKP1_HUMAN Nck-associated protein 1 OS=Homo sapiens GN=NCKAP1 PE=1 SV=1 1 10 10 10 11.7 2.03E-28 7453200 754980 10925000 32688000 6848600 715440 0 0 0 0 0 0 6772100 98342000 0
1348400 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3477
Q9Y2B0 Q9Y2B0 Protein canopy homolog 2 CNPY2 >sp|Q9Y2B0|CNPY2_HUMAN Protein canopy homolog 2 OS=Homo sapiens GN=CNPY2 PE=1 SV=1 1 15 15 2 83.5 1.34E-102 0 0 0 0 0 0 0 731940 702600000 35256000 0 0 0 0 0 0 0 0 0 1047600000
104660000 0 301000000 893560 0 0 0 0 0 0 0 425800000 853980000 0 0 0 0 0 0 0 0 0 0 3478
Q9Y2D4 Q9Y2D4 Exocyst complex component 6B EXOC6B >sp|Q9Y2D4|EXC6B_HUMAN Exocyst complex component 6B OS=Homo sapiens GN=EXOC6B PE=1 SV=3 1 2 2 2 2.8 4.97E-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2029100 3479
Q9Y2D5 Q9Y2D5 A-kinase anchor protein 2 AKAP2 >sp|Q9Y2D5|AKAP2_HUMAN A-kinase anchor protein 2 OS=Homo sapiens GN=AKAP2 PE=1 SV=3 1 3 3 3 5.5 2.46E-08 0 0 4003900 1761500 0 0 0 0 0 0 0 0 0 9283100 1626500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3480
Q9Y2G5 Q9Y2G5 GDP-fucose protein O-fucosyltransferase 2 POFUT2 >sp|Q9Y2G5|OFUT2_HUMAN GDP-fucose protein O-fucosyltransferase 2 OS=Homo sapiens GN=POFUT2 PE=1 SV=3 1 4 4 4 11.4 4.48E-12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 53088000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 87702000 0 0 0 0 0 0 3481
Q9Y2H0 Q9Y2H0 Disks large-associated protein 4 DLGAP4 >sp|Q9Y2H0|DLGP4_HUMAN Disks large-associated protein 4 OS=Homo sapiens GN=DLGAP4 PE=1 SV=3 1 9 9 9 12 1.99E-104 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
159200000 22503 0 0 0 0 0 0 0 0 0 0 28399000 170640000 1162500 0 0 0 0 3482
Q9Y2J2 Q9Y2J2 Band 4.1-like protein 3 EPB41L3 >sp|Q9Y2J2|E41L3_HUMAN Band 4.1-like protein 3 OS=Homo sapiens GN=EPB41L3 PE=1 SV=2 1 5 2 2 4.2 3.00E-10 6580200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3483
Q9Y2L1 Q9Y2L1 Exosome complex exonuclease RRP44 DIS3 >sp|Q9Y2L1|RRP44_HUMAN Exosome complex exonuclease RRP44 OS=Homo sapiens GN=DIS3 PE=1 SV=2 1 25 25 25 35.7 2.34E-89 31177000 5227300 23667000 48301000 10255000 25607000 1885600 0 0 0 0 0
17234000 601270000 786850 11584000 4028900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 458770000 6370200 3783600 0 0 2620700 0 0 0 0 59532000 22117000 0 0 0 0 0 3534
Q9Y3D9 Q9Y3D9 "28S ribosomal protein S23, mitochondrial" MRPS23 ">sp|Q9Y3D9|RT23_HUMAN 28S ribosomal protein S23, mitochondrial OS=Homo sapiens GN=MRPS23 PE=1 SV=2" 1 4 4 4 22.1 5.08E-15 0 0 0 0 0 0 0 57562000 26051000 476720 0 0 0 0 0 0
7346800 69444000 38395000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3535
Q9Y3E1 Q9Y3E1 Hepatoma-derived growth factor-related protein 3HDGFRP3 >sp|Q9Y3E1|HRG3_HUMAN Hepatoma-derived growth factor-related protein 3 OS=Homo sapiens GN=HDGFRP3 PE=1 SV=1 1 5 2 2 25.1 8.33E-13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

21448000 360150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3599
Q9Y6B6 Q9Y6B6 GTP-binding protein SAR1b SAR1B >sp|Q9Y6B6|SAR1B_HUMAN GTP-binding protein SAR1b OS=Homo sapiens GN=SAR1B PE=1 SV=1 1 5 3 3 32.8 4.69E-23 0 0 0 0 0 0 0 1178900 89723000 1071200 0 0 0 0 0 0 7426600 180170000 898430 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3600
Q9Y6D9 Q9Y6D9 Mitotic spindle assembly checkpoint protein MAD1 MAD1L1>sp|Q9Y6D9|MD1L1_HUMAN Mitotic spindle assembly checkpoint protein MAD1 OS=Homo sapiens GN=MAD1L1 PE=1 SV=2 1 7 7 7 12.1 6.33E-29 0 0 0 742710 32672000 6785000 0 0 0 0 0 0 0 0
16459000 14914000 0 0 0 0 83367000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3602
Q9Y6E0 Q9Y6E0 Serine/threonine-protein kinase 24;Serine/threonine-protein kinase 24 36 kDa subunit;Serine/threonine-protein kinase 24 12 kDa subunit STK24 >sp|Q9Y6E0|STK24_HUMAN Serine/threonine-protein kinase 24 OS=Homo sapiens GN=STK24 PE=1 SV=1 1 17 17 9 43.8 4.22E-106 0 0 0 0
1724300 20905000 42218000 7284000 0 0 0 0 0 0 2142300 47786000 9052200 0 0 0 0 0 0 0 0 320690 35503000 21249000 49084000 1802300 0 0 0 0 0 1569000 41966000 853680000 204610000 2681600 0 3603
Q9Y6E2 Q9Y6E2 Basic leucine zipper and W2 domain-containing protein 2 BZW2 >sp|Q9Y6E2|BZW2_HUMAN Basic leucine zipper and W2 domain-containing protein 2 OS=Homo sapiens GN=BZW2 PE=1 SV=1 1 26 25 25 63.5 5.80E-151 0 0 0 0 479390 9392900 120100000 10197000 4972200 0
0 0 0 0 0 1501500 416220000 0 0 0 0 488040 270120000 108370000 81927000 43252000 11813000 0 0 56210000 0 0 879940000 177440000 146490000 91024000 43339000 26739000 0 31876000 3604
Q9Y6G3 Q9Y6G3 "39S ribosomal protein L42, mitochondrial" MRPL42 ">sp|Q9Y6G3|RM42_HUMAN 39S ribosomal protein L42, mitochondrial OS=Homo sapiens GN=MRPL42 PE=1 SV=1" 1 2 2 2 21.8 1.05E-07 0 0 0 0 0 0 0 0 4278200 1381300 0 0 0 0 0 0 0 0 1196300
28095000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3605
Q9Y6G5 Q9Y6G5 COMM domain-containing protein 10 COMMD10 >sp|Q9Y6G5|COMDA_HUMAN COMM domain-containing protein 10 OS=Homo sapiens GN=COMMD10 PE=1 SV=1 1 3 3 3 16.3 4.47E-15 0 0 0 0 0 0 0 0 354640 6506800 0 0 0 0 0 0 0 0 0 30841000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3606
Q9Y6G9 Q9Y6G9 Cytoplasmic dynein 1 light intermediate chain 1 DYNC1LI1 >sp|Q9Y6G9|DC1L1_HUMAN Cytoplasmic dynein 1 light intermediate chain 1 OS=Homo sapiens GN=DYNC1LI1 PE=1 SV=3 1 8 8 8 19.1 2.64E-22 0 0 0 0 4696300 82437000 29025000 4052200 4680200 2305100 0
0 0 0 0 130680000 0 6293600 0 0 0 0 0 0 0 0 0 0 0 11758000 0 0 0 5574800 0 0 0 0 0 0 3607
Q9Y6H1;Q5T1J5 Q9Y6H1;Q5T1J5 "Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial;Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial"CHCHD2;CHCHD2P9 ">sp|Q9Y6H1|CHCH2_HUMAN Coiled-coil-helix-coiled-coil-helix domain-containing protein 2
OS=Homo sapiens GN=CHCHD2 PE=1 SV=1;>sp|Q5T1J5|CHCH9_HUMAN Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial OS=Homo sapiens" 2 3 3 3 27.2 2.80E-84 0 0 0 0 0 0 0 5324600 147290000 14553000 0 0 0 0 0 0 0 0
842040000 28296000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2126
Q9Y6I3;Q9H201 Q9Y6I3 Epsin-1 EPN1 >sp|Q9Y6I3|EPN1_HUMAN Epsin-1 OS=Homo sapiens GN=EPN1 PE=1 SV=2 2 3 3 3 7.8 2.41E-13 0 0 0 2032800 11952000 0 0 0 0 0 0 0 0 0 43375000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3608
Q9Y6K5 Q9Y6K5 2-5-oligoadenylate synthase 3OAS3 >sp|Q9Y6K5|OAS3_HUMAN 2-5-oligoadenylate synthase 3 OS=Homo sapiens GN=OAS3 PE=1 SV=3 1 5 5 5 4.5 5.32E-16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 5477100 734300 3216600 33196000 7828500 760330 3609
Q9Y6K9 Q9Y6K9 NF-kappa-B essential modulator IKBKG >sp|Q9Y6K9|NEMO_HUMAN NF-kappa-B essential modulator OS=Homo sapiens GN=IKBKG PE=1 SV=2 1 6 6 6 20 2.14E-24 0 0 0 0 0 0 18735000 83393000 4025900 391120 0 0 0 0 0 0 0 19846000 150590000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3610
Q9Y6M1 Q9Y6M1 Insulin-like growth factor 2 mRNA-binding protein 2 IGF2BP2 >sp|Q9Y6M1|IF2B2_HUMAN Insulin-like growth factor 2 mRNA-binding protein 2 OS=Homo sapiens GN=IGF2BP2 PE=1 SV=2 1 10 8 8 20.7 8.57E-32 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 66333000 0 0 0 0 0 0 0 0 0 3154800 99446000 3611
Q9Y6V7 Q9Y6V7 Probable ATP-dependent RNA helicase DDX49 DDX49 >sp|Q9Y6V7|DDX49_HUMAN Probable ATP-dependent RNA helicase DDX49 OS=Homo sapiens GN=DDX49 PE=1 SV=1 1 2 2 2 4.3 3.41E-07 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 25672000 0 0 0 0 0 0 0 0 0 33273000 5431200 3612
Q9Y6W3 Q9Y6W3 Calpain-7 CAPN7 >sp|Q9Y6W3|CAN7_HUMAN Calpain-7 OS=Homo sapiens GN=CAPN7 PE=1 SV=1 1 4 4 4 5.7 6.68E-10 24570000 3154700 1345400 615530 1243900 0 0 0 0 0 0 0 0 24174000 6248900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 3613
Q9Y6W5 Q9Y6W5 Wiskott-Aldrich syndrome protein family member 2 WASF2 >sp|Q9Y6W5|WASF2_HUMAN Wiskott-Aldrich syndrome protein family member 2 OS=Homo sapiens GN=WASF2 PE=1 SV=3 1 4 4 4 10.4 2.94E-14 0 0 0 0 3276700 5220400 0 0 0 0 0 0 0 0 44975000
2879700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3614
Q9Y6Y0 Q9Y6Y0 Influenza virus NS1A-binding protein IVNS1ABP >sp|Q9Y6Y0|NS1BP_HUMAN Influenza virus NS1A-binding protein OS=Homo sapiens GN=IVNS1ABP PE=1 SV=3 1 6 6 6 9.5 1.13E-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 1118700 2269900 91118 415010 205780000 4116700 0 0 0 0 0 0 0 3258400 105050000 1167500 3615
Q9Y6Y8 Q9Y6Y8 SEC23-interacting protein SEC23IP >sp|Q9Y6Y8|S23IP_HUMAN SEC23-interacting protein OS=Homo sapiens GN=SEC23IP PE=1 SV=1 1 18 18 18 27.4 1.86E-74 4403200 4462300 143940000 65775000 30470000 15641000 659540 0 0 0 0 0 476150000 103120000 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3616
S4R3N1;Q9Y3A3 S4R3N1 >tr|S4R3N1|S4R3N1_HUMAN Protein HSPE1-MOB4 OS=Homo sapiens GN=HSPE1-MOB4 PE=3 SV=1 2 14 2 2 34.9 5.75E-80 0 0 0 0 0 0 0 24614000 4528700 0 0 0 0 0 0 0 0 59563000 3150700 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 3689
S4R435 S4R435 >tr|S4R435|S4R435_HUMAN Protein RPS10-NUDT3 (Fragment) OS=Homo sapiens GN=RPS10-NUDT3 PE=3 SV=1 1 16 16 0 51.4 5.76E-50 0 0 0 0 0 0 1176900 2207000 5209900 553810000 28403000 628090 0 0 0 0 0 0 0 4105800000 15493000
0 17999000 30757000 769410 382000000 728730000 14049000 71784000 428790000 0 0 6422700 18978000 54463000 988160000 767350000 423320000 882190000 25416000 4497000 3690

"Supplemental Table S2: enriched CORUM terms from HIC analysis (p<0.05, BH corrected)"

Selection column	Category column	Category value	Enrichment factor	P value	Benj. Hoch. FDR
cluster 1	Corum	"EIF3 core complex (EIF3A, EIF3B, EIF3G, EIF3I)"	11.434	5.70E-05	0.013398
cluster 1	Corum	"EIF3 complex (EIF3A, EIF3B, EIF3G, EIF3I, EIF3C)"	11.434	4.89E-06	0.0015345
cluster 1	Corum	"eIF3 complex (EIF3S6, EIF3S5, EIF3S4, EIF3S3, EIF3S6IP, EIF3S2, EIF3S9, EIF3S12, EIF3S10, EIF3S8, EIF3S1, EIF3S7, PCID1)"	9.675	1.17E-10	1.10E-07
cluster 1	Corum	"EIF3 complex (EIF3A, EIF3B, EIF3G, EIF3I, EIF3J)"	9.1473	0.0002603	0.048989
cluster 2	Corum	"40S ribosomal subunit, cytoplasmic"	6.3798	3.08E-20	2.90E-17
cluster 2	Corum	LSm2-8 complex	6.2786	3.77E-05	0.011814
cluster 2	Corum	"Ribosome, cytoplasmic"	3.4645	8.89E-13	4.18E-10
cluster 3	Corum	GINS complex	12.739	3.68E-05	0.017332
cluster 3	Corum	"TRBP containing complex (DICER, RPL7A, EIF6, MOV10 and subunits of the 60S ribosomal particle)"	5.5388	2.94E-06	0.002769
cluster 3	Corum	Large Drosha complex	5.2455	0.00014585	0.045747
cluster 4	Corum	Rnase/Mrp complex	9.4516	1.33E-06	0.00062494
cluster 4	Corum	CCT micro-complex	8.2702	9.86E-07	0.00092825
cluster 5	Corum	6S methyltransferase and RG-containing Sm proteins complex	6.4871	5.00E-05	0.047085
cluster 6	Corum	Arp2/3 protein complex	14.293	7.27E-09	6.84E-06
cluster 9	Corum	Ubiquilin-proteasome complex	5.6346	3.03E-05	0.0035675
cluster 9	Corum	THO complex	5.6346	0.00098033	0.035481
cluster 9	Corum	Septin complex	5.6346	0.00017261	0.0095542
cluster 9	Corum	RFC2-5 subcomplex	5.6346	0.00098033	0.0369
cluster 9	Corum	RFC complex (activator A 1 complex)	5.6346	0.00017261	0.010151
cluster 9	Corum	RFC complex	5.6346	0.00017261	0.010828
cluster 9	Corum	RAD17-RFC complex	5.6346	0.00098033	0.038437
cluster 9	Corum	Paf complex	5.6346	0.00017261	0.011602
cluster 9	Corum	Multisynthetase complex	5.6346	4.93E-09	1.16E-06
cluster 9	Corum	BRD4-RFC complex	5.6346	0.00017261	0.012494
cluster 9	Corum	BASC (Ab 80) complex (BRCA1-associated genome surveillance complex)	5.6346	0.00017261	0.013535
cluster 9	Corum	PA700 complex	5.0712	2.93E-12	1.38E-09
cluster 9	Corum	BASC complex (BRCA1-associated genome surveillance complex)	4.8297	0.00017508	0.0091526
cluster 9	Corum	PA700-20S-PA28 complex	4.806	8.19E-18	7.71E-15
cluster 9	Corum	26S proteasome	4.7894	8.48E-11	2.66E-08
cluster 9	Corum	RC complex (Replication competent complex)	4.6955	0.00085366	0.036513
cluster 9	Corum	PA28-20S proteasome	4.4272	1.01E-06	0.00019053
cluster 9	Corum	PA28gamma-20S proteasome	4.3343	4.57E-06	0.00071626
cluster 9	Corum	CNS-P53 complex	4.226	0.00057744	0.025875
cluster 9	Corum	20S proteasome	4.226	2.01E-05	0.0027059
cluster 9	Corum	DDB2 complex	4.0979	8.63E-05	0.0073848
cluster 9	Corum	CSA-POLIIa complex	4.0979	8.63E-05	0.0081232
cluster 9	Corum	CSA complex	4.0979	8.63E-05	0.0090258
cluster 9	Corum	Nop56p-associated pre-rRNA complex	0.29971	0.0002228	0.011035
cluster 9	Corum	"Ribosome, cytoplasmic"	0.22843	0.00029557	0.013906

"Supplemental Table S3: enriched CORUM terms from SDS-PAGE analysis (p<0.05, BH corrected)"

Selection	column	Category column	Category value	Enrichment factor	P value	Benj. Hoch. FDR
cluster 5	Corum	Multisynthetase complex	4.2691	1.06E-07	6.60E-05	
cluster 5	Corum	MCM complex	4.2691	0.0006927	0.043294	
cluster 5	Corum	CSA-POLIIa complex	4.2691	3.73E-05	0.0077637	
cluster 5	Corum	CSA complex	4.2691	3.73E-05	0.011646	
cluster 5	Corum	COP9 signalosome complex	4.2691	0.0006927	0.048104	
cluster 5	Corum	CNS-P53 complex	4.2691	0.00016081	0.020102	
cluster 5	Corum	"39S ribosomal subunit, mitochondrial"	4.2691	0.00016081	0.025127	
cluster 5	Corum	DDB2 complex	3.7355	0.00022917	0.020461	
cluster 5	Corum	"55S ribosome, mitochondrial"	3.4153	0.00022942	0.017923	
cluster 5	Corum	PA700 complex	3.0494	0.00016121	0.016793	
cluster 8	Corum	PA28gamma-20S proteasome	8.5185	4.12E-10	1.29E-07	
cluster 8	Corum	20S proteasome	8.5185	4.12E-10	2.58E-07	
cluster 8	Corum	PA28-20S proteasome	7.0988	2.14E-08	4.46E-06	
cluster 8	Corum	26S proteasome	5.679	6.81E-07	0.00010639	
cluster 8	Corum	PA700-20S-PA28 complex	3.604	5.98E-05	0.0074795	