

PROTEOMICS

Supporting Information for Proteomics

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**Quantitative proteomic identification of host factors involved in the
Salmonella typhimurium infection cycle**

Table S1. List of identified proteins in a Golgi-enriched fraction of *Salmonella*-infected HeLa cells relative to mock-infected cells based on SILAC analysis.

Protein ID	Protein	Gene Symbol	Mean Ratio ^a	Stdev (ratio) ^b	p-value
IPI00000005	GTPase NRas precursor	NRAS	1.593	0.345	0.096
IPI00000006	HRas precursor	HRAS	1.275	0.460	0.553
IPI00000041	Rho-related GTP-binding protein RhoB precursor	RHOB	0.697	0.068	0.100
IPI00000138	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	MGAT1	1.388	0.440	0.430
IPI00000190	CD81 antigen	CD81	1.161	0.210	0.474
IPI00000494	60S ribosomal protein L5	RPL5	0.757	0.097	0.176
IPI00000643	BAG family molecular chaperone regulator 2	BAG2	0.727	0.079	0.027
IPI00000816	14-3-3 protein epsilon	YWHAE	0.939	0.160	0.574
IPI00000856	Isoform 1 of Pleckstrin homology domain-containing family C member 1	PLEKHC1	1.859	0.457	0.083
IPI00000861	Isoform 1 of LIM and SH3 domain protein 1	LASP1	1.691	0.539	0.157
IPI00000874	Peroxiredoxin-1	PRDX1	0.904	0.292	0.627
IPI00000875	Elongation factor 1-gamma	EEF1G	0.798	0.301	0.365
IPI00000877	150 kDa oxygen-regulated protein precursor	HYOU1	0.812	0.007	0.017
IPI00000948	Transducin beta-like 2 protein	TBL2	0.746	0.324	0.306
IPI00001539	3-ketoacyl-CoA thiolase, mitochondrial	ACAA2	1.036	0.769	0.957
IPI00001560	Isoform 1 of Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3	CDKN2A	0.536	0.025	0.024
IPI00001589	Mitochondrial import inner membrane translocase subunit Tim13	TIMM13	1.240	0.837	0.754
IPI00001632	Hypothetical protein LOC57648	KIAA1522	1.556	0.254	0.199
IPI00001639	Importin beta-1 subunit	KPNB1	0.666	0.007	0.000
IPI00001871	PRKC apoptosis WT1 regulator protein	PAWR	1.760	0.380	0.074
IPI00001893	Isoform A of Protocadherin-7 precursor	PCDH7	1.427	0.318	0.308
IPI00001914	Isoform 1 of FK506-binding protein 7 precursor	FKBP7	0.644	0.058	0.073
IPI00001960	Chloride intracellular channel protein 4	CLIC4	0.980	0.128	0.865
IPI00002070	Leucine-rich repeat-containing protein 8A	LRRRC8A	1.153	0.182	0.446
IPI00002214	Importin alpha-2 subunit	KPNA2	0.746	0.056	0.099
IPI00002349	Nuclear fragile X mental retardation-interacting protein 2	NUFIP2	0.775	0.173	0.317
IPI00002406	Lutheran blood group glycoprotein precursor	BCAM	1.340	0.264	0.156
IPI00002412	Palmitoyl-protein thioesterase 1 precursor	PPT1	1.442	0.196	0.060
IPI00002459	Annexin VI isoform 2	ANXA6	1.275	0.384	0.341

IPI00002460	Isoform 1 of Annexin A7	ANXA7	1.125	0.149	0.284
IPI00002483	Zinc transporter 1	SLC30A1	0.945	0.065	0.440
IPI00002521	ATP synthase coupling factor 6. mitochondrial precursor	ATP5J	1.555	1.088	0.602
IPI00002525	Neudesin precursor	NENF	1.017	0.089	0.833
IPI00002535	FK506-binding protein 2 precursor	FKBP2	0.976	0.164	0.868
IPI00002745	Cathepsin Z precursor	CTSZ	1.533	0.295	0.089
IPI00002821	60S ribosomal protein L14	RPL14	0.867	0.050	0.166
IPI00003128	Isoform IIb of Prolyl 4-hydroxylase subunit alpha-2 precursor	P4HA2	1.054	0.391	0.877
IPI00003348	GNB2 Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 2	GNB2	1.581	0.195	0.035
IPI00003362	HSPA5 protein	HSPA5	0.889	0.098	0.188
IPI00003406	Drebrin	DBN1	1.195	0.166	0.179
IPI00003527	Ezrin-radixin-moesin-binding phosphoprotein 50	SLC9A3R1	1.000	0.030	0.992
IPI00003856	Vacuolar ATP synthase subunit E 1	ATP6V1E1	0.744	0.176	0.288
IPI00003865	Isoform 1 of Heat shock cognate 71 kDa protein	HSPA8	0.877	0.082	0.122
IPI00003918	60S ribosomal protein L4	RPL4	0.938	0.101	0.402
IPI00003925	Isoform 1 of Pyruvate dehydrogenase E1 component subunit beta. mitochondrial precursor	PDHB	1.113	0.913	0.889
IPI00004397	Ras-related protein Ra-B precursor	RALB	1.084	0.017	0.093
IPI00004416	Charged multivesicular body protein 2a	CHMP2A	0.569	0.170	0.173
IPI00004503	Lysosomal-associated membrane protein 1	LAMP1	1.181	0.276	0.523
IPI00004669	Polypeptide N-acetylgalactosaminyltransferase 2	GALNT2	1.520	0.321	0.107
IPI00004671	Golgin subfamily B member 1	GOLGB1	1.522	0.248	0.206
IPI00004902	Isoform 1 of Electron transfer flavoprotein subunit beta	ETFB	1.267	1.123	0.793
IPI00004962	Golgi phosphoprotein 4	GOLPH4	1.875	0.374	0.056
IPI00005087	Tropomodulin-3	TMOD3	0.938	0.092	0.365
IPI00005129	Isoform 1 of Secretory carrier-associated membrane protein 1	SCAMP1	0.991	0.259	0.969
IPI00005159	Actin-like protein 2	ACTR2	1.287	0.243	0.177
IPI00005160	Actin-related protein 2/3 complex subunit 1B	ARPC1B	1.257	0.139	0.233
IPI00005162	Actin-related protein 2/3 complex subunit 3	ARPC3	1.412	0.221	0.084
IPI00005202	Membrane-associated progesterone receptor component 2	PGRMC2	1.100	0.211	0.498
IPI00005264	Isoform 2 of Plakophilin-2	PKP2	1.460	0.426	0.369
IPI00005537	39S ribosomal protein L12. mitochondrial precursor	MRPL12	1.149	0.865	0.793
IPI00005614	Isoform Long of Spectrin beta chain. brain 1	SPTBN1	1.313	0.286	0.199
IPI00005719	Isoform 1 of Ras-related protein Rab-1A	RAB1A	1.150	0.302	0.481
IPI00005740	Neighbor of COX4	COX4NB	0.904	0.102	0.410
IPI00005745	Serine palmitoyltransferase 1	SPTLC1	1.044	0.052	0.442

IPI00005969	F-actin capping protein subunit alpha-1	CAPZA1	1.027	0.084	0.632
IPI00005978	Splicing factor, arginine/serine-rich 2	SFRS2	0.916	0.063	0.310
IPI00006034	Cysteine-rich protein 2	CRIP2	1.489	0.062	0.005
IPI00006052	Prefoldin subunit 2	PFDN2	0.637	0.150	0.052
IPI00006211	Isoform 1 of Vesicle-associated membrane protein-associated protein B/C	VAPB	1.205	0.071	0.154
IPI00006362	Isoform 2 of Endothelial differentiation-related factor 1	EDF1	0.973	0.201	0.879
IPI00006482	Isoform Long of Sodium/potassium-transporting ATPase alpha-1 chain precursor	ATP1A1	1.206	0.196	0.210
IPI00006666	Monocarboxylate transporter 4	SLC16A3	1.213	0.142	0.122
IPI00006865	Vesicle-trafficking protein SEC22b	SEC22B	1.143	0.232	0.398
IPI00006932	Isoform 1 of Putative RNA-binding protein Luc7-like 2	LUC7L2	1.027	0.456	0.946
IPI00007001	39S ribosomal protein L11, mitochondrial precursor	MRPL11	1.235	1.012	0.798
IPI00007034	Isoform 2 of UBA domain-containing protein PHGDHL1 precursor	PHGDHL1	1.060	0.136	0.644
IPI00007058	Coronin-1B	CORO1B	1.459	0.115	0.020
IPI00007061	Vesicle transport protein GOT1B	GOLT1B	1.132	0.435	0.741
IPI00007067	C9orf19 Golgi-associated plant pathogenesis-related protein 1	C9orf19	1.513	0.292	0.093
IPI00007188	ADP/ATP translocase 2	SLC25A5	1.700	1.434	0.615
IPI00007289	Alkaline phosphatase, placental type precursor	ALPP	2.658	1.381	0.339
IPI00007611	ATP synthase O subunit, mitochondrial precursor	ATP5O	1.567	1.231	0.632
IPI00007675	Cytoplasmic dynein 1 light intermediate chain 1	DYNC1L1	0.675	0.074	0.102
IPI00007682	Vacuolar ATP synthase catalytic subunit A	ATP6V1A	0.789	0.125	0.252
IPI00007750	Tubulin alpha-1 chain	TUBA4A	0.463	0.264	0.072
IPI00007752	Tubulin beta-2C chain	TUBB2C	0.683	0.079	0.020
IPI00007755	Ras-related protein Rab-21	RAB21	1.297	0.092	0.030
IPI00007764	Isoform 1 of Hematological and neurological expressed 1 protein	HN1	1.072	0.153	0.627
IPI00007765	Stress-70 protein, mitochondrial precursor	HSPA9	0.963	0.766	0.941
IPI00007812	Vacuolar ATP synthase subunit B, brain isoform	ATP6V1B2	0.900	0.181	0.439
IPI00007909	Prenylated Rab acceptor protein 1	RABAC1	1.631	0.636	0.394
IPI00007935	PDZ and LIM domain protein 5	PDLIM5	1.057	0.034	0.257
IPI00007940	SPFH domain-containing protein 1 precursor	ERLIN1	1.033	0.198	0.800
IPI00008085	Solute carrier family 39 (Zinc transporter), member 10	SLC39A10	1.067	0.019	0.125
IPI00008274	Adenylyl cyclase-associated protein 1	CAP1	0.664	0.288	0.347
IPI00008338	Isoform 2 of Multidrug resistance-associated protein 1	ABCC1	1.204	0.264	0.313
IPI00008418	Isoform 1 of Diablo homolog, mitochondrial precursor	DIABLO	1.093	0.336	0.763
IPI00008433	40S ribosomal protein S5	RPS5	0.763	0.068	0.026
IPI00008438	40S ribosomal protein S10	RPS10	0.721	0.187	0.123

IPI00008453	Coronin-1C	CORO1C	1.199	0.159	0.162
IPI00008454	DnaJ homolog subfamily B member 11 precursor	DNAJB11	1.087	0.282	0.645
IPI00008494	Intercellular adhesion molecule 1 precursor	ICAM1	0.701	0.314	0.407
IPI00008527	60S acidic ribosomal protein P1	RPLP1	0.803	0.029	0.065
IPI00008529	60S acidic ribosomal protein P2	RPLP2	0.852	0.125	0.177
IPI00008530	60S acidic ribosomal protein P0	RPLP0	0.775	0.095	0.055
IPI00008603	Actin. aortic smooth muscle	ACTA2	1.054	0.231	0.724
IPI00008780	Stanniocalcin-2 precursor	STC2	0.215	0.022	0.013
IPI00008918	Isoform Beta of LIM domain and actin-binding protein 1	LIMA1	1.441	0.387	0.354
IPI00008964	Ras-related protein Rab-1B	RAB1B	1.192	0.531	0.700
IPI00008986	Large neutral amino acids transporter small subunit 1	SLC7A5	1.253	0.167	0.120
IPI00009057	Isoform A of Ras GTPase-activating protein-binding protein 2	G3BP2	0.828	0.402	0.653
IPI00009111	Trophoblast glycoprotein precursor	TPBG	1.051	0.354	0.825
IPI00009225	Syntaxin-8	STX8	0.890	0.189	0.561
IPI00009235	Translocon-associated protein subunit gamma	SSR3	0.792	0.019	0.040
IPI00009236	Isoform Alpha of Caveolin-1	CAV1	1.255	0.328	0.311
IPI00009244	Adapter-related protein complex 1 sigma 1B subunit	AP1S2	0.870	0.031	0.105
IPI00009253	Alpha-soluble NSF attachment protein	NAPA	1.048	0.278	0.794
IPI00009329	Utrophin	UTRN	1.759	0.830	0.254
IPI00009342	Ras GTPase-activating-like protein IQGAP1	IQGAP1	1.274	0.124	0.062
IPI00009368	Sideroflexin-1	SFXN1	1.330	0.617	0.452
IPI00009456	5'-nucleotidase precursor	NT5E	1.250	0.062	0.110
IPI00009505	Isoform 1 of Beta-2-syntrophin	SNTB2	1.470	0.336	0.136
IPI00009607	Ras-related protein Rap-2c precursor	RAP2C	1.306	0.105	0.151
IPI00009885	FK506-binding protein 11 precursor	FKBP11	0.746	0.207	0.332
IPI00009896	Epoxide hydrolase 1	EPHX1	1.518	0.381	0.305
IPI00009904	Protein disulfide-isomerase A4 precursor	PDIA4	0.806	0.077	0.049
IPI00009923	Isoform 1 of Prolyl 4-hydroxylase subunit alpha-1 precursor	P4HA1	0.854	0.218	0.365
IPI00009950	Vesicular integral-membrane protein VIP36 precursor	LMAN2	1.217	0.341	0.534
IPI00009960	Isoform 1 of Mitochondrial inner membrane protein	IMMT	1.470	1.147	0.666
IPI00010153	60S ribosomal protein L23	RPL23	0.860	0.043	0.136
IPI00010204	Splicing factor. arginine/serine-rich 3	SFRS3	0.944	0.033	0.251
IPI00010271	Isoform A of Ras-related C3 botulinum toxin substrate 1 precursor	RAC1	1.196	0.045	0.101
IPI00010338	Tissue factor precursor	F3	0.990	0.121	0.925
IPI00010349	Alkyldihydroxyacetonephosphate synthase. peroxisomal precursor	AGPS	1.172	0.369	0.506

IPI00010402	Hypothetical protein	SH3BGRL3	1.000	0.057	0.997
IPI00010414	PDZ and LIM domain protein 1	PDLIM1	0.951	0.233	0.814
IPI00010428	Cell division cycle-associated protein 3	CDCA3	1.058	0.050	0.346
IPI00010438	Isoform SNAP-23a of Synaptosomal-associated protein 23	SNAP23	1.346	0.052	0.008
IPI00010676	Isoform 1 of Urokinase plasminogen activator surface receptor precursor	PLAUR	1.241	0.335	0.495
IPI00010697	Isoform Alpha-6X1X2B of Integrin alpha-6 precursor	ITGA6	1.269	0.167	0.109
IPI00010720	T-complex protein 1 subunit epsilon	CCT5	1.143	0.650	0.740
IPI00010740	Isoform Long of Splicing factor, proline- and glutamine-rich	SFPQ	0.755	0.237	0.215
IPI00010779	Isoform 1 of Tropomyosin alpha-4 chain	TPM4	0.797	0.100	0.073
IPI00010796	Protein disulfide-isomerase precursor	P4HB	0.823	0.039	0.016
IPI00010896	Chloride intracellular channel protein 1	CLIC1	2.009	0.423	0.054
IPI00011200	D-3-phosphoglycerate dehydrogenase	PHGDH	0.667	0.154	0.065
IPI00011229	Cathepsin D precursor	CTSD	1.309	0.163	0.081
IPI00011253	40S ribosomal protein S3	RPS3	0.825	0.157	0.192
IPI00011284	Isoform Membrane-bound of Catechol O-methyltransferase	COMT	0.996	0.123	0.967
IPI00011302	CD59 glycoprotein precursor	CD59	1.263	0.156	0.100
IPI00011578	Isoform 1 of Neuroplastin precursor	NPTN	1.412	0.031	0.034
IPI00011592	Cytoplasmic dynein 1 light intermediate chain 2	DYNC1LI2	0.417	0.105	0.081
IPI00011604	Glycine cleavage system H protein, mitochondrial precursor	GCSH	1.357	1.129	0.732
IPI00011654	Tubulin beta chain	TUBB	0.693	0.097	0.032
IPI00011913	Heterogeneous nuclear ribonucleoprotein A0	HNRPA0	0.589	0.097	0.105
IPI00011937	Peroxiredoxin-4	PRDX4	0.895	0.075	0.137
IPI00012011	Cofilin-1	CFL1	1.275	0.262	0.211
IPI00012048	Nucleoside diphosphate kinase A	NME1	0.779	0.243	0.256
IPI00012069	NAD	NQO1	1.040	0.407	0.913
IPI00012200	Conserved hypothetical protein	C11orf48	1.408	0.264	0.273
IPI00012442	Ras GTPase-activating protein-binding protein 1	G3BP1	0.678	0.278	0.183
IPI00012462	Eukaryotic translation initiation factor 2A 65 kDa	EIF2A	0.825	0.083	0.206
IPI00012490	Isoform XD of Plasma membrane calcium-transporting ATPase 4	ATP2B4	1.433	0.319	0.143
IPI00012512	Ras-related protein R-Ras2 precursor	RRAS2	1.315	0.124	0.048
IPI00012535	DnaJ homolog subfamily A member 1	DNAJA1	0.805	0.078	0.175
IPI00012750	40S ribosomal protein S25	RPS25	0.802	0.106	0.083
IPI00012772	60S ribosomal protein L8	RPL8	0.880	0.099	0.337
IPI00012795	Eukaryotic translation initiation factor 3 subunit 2	EIF3S2	0.680	0.064	0.089
IPI00012837	Kinesin heavy chain	KIF5B	0.587	0.132	0.032

IPI00013195	Mitochondrial 39S ribosomal protein L49	MRPL49	1.316	1.149	0.764
IPI00013219	Integrin-linked protein kinase	ILK	1.851	0.855	0.393
IPI00013296	40S ribosomal protein S18	RPS18	0.780	0.046	0.014
IPI00013297	28 kDa heat- and acid-stable phosphoprotein	PDAP1	0.571	0.079	0.011
IPI00013485	40S ribosomal protein S2	RPS2	0.806	0.046	0.107
IPI00013508	Alpha-actinin-1	ACTN1	1.115	0.148	0.310
IPI00013679	Isoform DUT-M of Deoxyuridine 5'-triphosphate nucleotidohydrolase. mitochondrial precursor	DUT	0.934	0.099	0.368
IPI00013744	Integrin alpha-2 precursor	ITGA2	1.107	0.036	0.148
IPI00013808	Alpha-actinin-4	ACTN4	1.100	0.147	0.361
IPI00013847	Ubiquinol-cytochrome-c reductase complex core protein 1. mitochondrial precursor	UQCRC1	1.326	0.885	0.694
IPI00013881	Heterogeneous nuclear ribonucleoprotein H	HNRPH1	0.912	0.248	0.703
IPI00013894	Stress-induced-phosphoprotein 1	STIP1	0.584	0.197	0.067
IPI00013895	Protein S100-A11	S100A11	0.985	0.414	0.957
IPI00013930	Syntaxin-6	STX6	1.444	0.270	0.258
IPI00013933	Isoform DPI of Desmoplakin	DSP	1.676	0.911	0.485
IPI00013981	Proto-oncogene tyrosine-protein kinase Yes	YES1	1.398	0.193	0.070
IPI00014149	Tetratricopeptide repeat protein 35	TTC35	1.051	0.167	0.741
IPI00014177	Septin-2	SEPT2	1.028	0.164	0.794
IPI00014230	Complement component 1 Q subcomponent-binding protein. mitochondrial precursor	C1QBP	1.740	1.577	0.627
IPI00014236	Solute carrier family 39 member 14	SLC39A14	1.430	0.294	0.126
IPI00014263	Isoform Long of Eukaryotic translation initiation factor 4H	EIF4H	0.789	0.041	0.012
IPI00014376	RAB31. member RAS oncogene family variant	RAB31	1.197	0.186	0.374
IPI00014377	Ras-related protein Rab-32	RAB32	2.306	0.375	0.127
IPI00014424	Elongation factor 1-alpha 2	EEF1A2	0.542	0.243	0.082
IPI00014516	Isoform 1 of Caldesmon	CALD1	1.787	0.595	0.149
IPI00014537	Isoform 1 of Calumenin precursor	CALU	0.741	0.079	0.030
IPI00014577	Ras-related protein Rab-18	RAB18	1.361	0.220	0.105
IPI00014898	Isoform 1 of Plectin-1	PLEC1	0.844	0.067	0.056
IPI00014958	Isoform 1 of Serum paraoxonase/arylesterase 2	PON2	1.351	0.293	0.339
IPI00015102	Isoform 1 of CD166 antigen precursor	ALCAM	1.283	0.210	0.144
IPI00015148	Ras-related protein Rap-1b precursor	RAP1B	1.108	0.195	0.438
IPI00015262	Calponin-2	CNN2	2.009	0.800	0.160
IPI00015688	Glypican-1 precursor	GPC1	1.313	0.178	0.092
IPI00015833	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3	CHCHD3	1.334	0.557	0.408
IPI00015842	Reticulocalbin-1 precursor	RCN1	0.896	0.068	0.119

IPI00015947	DnaJ homolog subfamily B member 1	DNAJB1	0.762	0.079	0.146
IPI00015973	Band 4.1-like protein 2	EPB41L2	1.869	0.046	0.024
IPI00016179	Protein S100-A13	S100A13	1.150	0.106	0.295
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor	MCAM	1.280	0.184	0.119
IPI00016339	Ras-related protein Rab-5C	RAB5C	1.325	0.181	0.089
IPI00016342	Ras-related protein Rab-7a	RAB7A	1.108	0.175	0.399
IPI00016372	Ras-related protein Rab-9	RAB9A	1.008	0.381	0.981
IPI00016373	Ras-related protein Rab-13	RAB13	1.249	0.220	0.356
IPI00016513	Ras-related protein Rab-10	RAB10	1.222	0.118	0.082
IPI00016608	Transmembrane emp24 domain-containing protein 2 precursor	TMED2	1.164	0.274	0.553
IPI00016610	Poly(rC)-binding protein 1	PCBP1	0.438	0.409	0.302
IPI00016621	AP-2 complex subunit alpha-2	AP2A2	2.387	1.326	0.378
IPI00016670	UPF0404 protein C11orf59	C11orf59	0.709	0.287	0.388
IPI00016786	Isoform 2 of Cell division control protein 42 homolog precursor	CDC42	0.972	0.048	0.423
IPI00017292	Isoform 1 of Catenin beta-1	CTNNB1	1.280	0.099	0.040
IPI00017334	Prohibitin	PHB	1.339	0.973	0.708
IPI00017342	Rho-related GTP-binding protein RhoG precursor	RHOG	1.147	0.122	0.171
IPI00017344	Ras-related protein Rab-5B	RAB5B	1.263	0.130	0.073
IPI00017367	Radixin	RDX	1.367	0.521	0.346
IPI00017567	Isoform Long of Endoglin precursor	ENG	1.316	0.408	0.471
IPI00017596	Microtubule-associated protein RP/EB family member 1	MAPRE1	0.874	0.092	0.140
IPI00017617	Probable ATP-dependent RNA helicase DDX5	DDX5	1.010	0.269	0.967
IPI00017726	Isoform 1 of 3-hydroxyacyl-CoA dehydrogenase type-2	HSD17B10	0.974	0.604	0.962
IPI00018146	14-3-3 protein theta	YWHAQ	0.906	0.123	0.317
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 precursor	TGFBI	2.692	0.021	0.000
IPI00018274	Isoform 1 of Epidermal growth factor receptor precursor	EGFR	1.759	0.957	0.303
IPI00018331	SNARE-associated protein Snapin	SNAPAP	1.049	0.187	0.776
IPI00018364	Ras-related protein Rap-2b precursor	RAP2B	1.137	0.178	0.474
IPI00018452	Copine-1	CPNE1	1.137	0.202	0.360
IPI00018465	T-complex protein 1 subunit eta	CCT7	1.042	0.517	0.901
IPI00018901	Isoform 1 of Gamma-glutamyltranspeptidase 1 precursor	GGT1	1.174	0.153	0.353
IPI00019146	Isoform 1 of Coxsackievirus and adenovirus receptor precursor	CXADR	1.282	0.142	0.075
IPI00019157	Chondroitin sulfate proteoglycan 4 precursor	CSPG4	1.565	0.260	0.064
IPI00019376	Septin-11	SEPT11	0.997	0.273	0.986
IPI00019385	Translocon-associated protein. delta subunit precursor	SSR4	0.896	0.108	0.238

IPI00019472	Neutral amino acid transporter B	SLC1A5	0.910	0.092	0.230
IPI00019502	Myosin-9	MYH9	1.486	0.213	0.058
IPI00019906	Isoform 2 of Basigin precursor	BSG	1.277	0.194	0.132
IPI00019971	Syntaxin-binding protein 2	STXBP2	1.010	0.101	0.914
IPI00019997	Lin-7 homolog C	LIN7C	1.410	0.091	0.016
IPI00020228	Frizzled-6 precursor	FZD6	1.690	0.064	0.042
IPI00020418	Ras-related protein R-Ras precursor	RRAS	1.343	0.146	0.055
IPI00020436	Ras-related protein Rab-11B	RAB11B	1.134	0.158	0.280
IPI00020513	cDNA FLJ53160. highly similar to zyxin	FLJ53160	1.524	0.576	0.256
IPI00020557	Low-density lipoprotein receptor-related protein 1 precursor	LRP1	1.348	0.098	0.026
IPI00020599	Calreticulin precursor	CALR	0.918	0.003	0.019
IPI00020984	Calnexin precursor	CANX	1.245	0.312	0.307
IPI00021033	Isoform 1 of Collagen alpha-1(III) chain precursor	COL3A1	3.458	1.340	0.086
IPI00021048	Isoform 1 of Myoferlin	FER1L3	1.247	0.232	0.207
IPI00021076	Isoform Long of Plakophilin-4	PKP4	1.226	0.017	0.002
IPI00021263	14-3-3 protein zeta/delta	YWHAZ	0.942	0.215	0.687
IPI00021266	60S ribosomal protein L23a	RPL23A	0.896	0.174	0.411
IPI00021267	Ephrin type-A receptor 2 precursor	EPHA2	1.177	0.275	0.530
IPI00021405	Isoform A of Lamin-A/C	LMNA	1.039	0.238	0.803
IPI00021428	3Actin. alpha skeletal muscle	ACTA1	1.130	0.578	0.803
IPI00021435	26S protease regulatory subunit 7	PSMC2	0.535	0.138	0.131
IPI00021439	Actin. cytoplasmic 1	ACTB	1.384	0.276	0.137
IPI00021440	Actin. cytoplasmic 2	ACTG1	1.520	0.107	0.014
IPI00021695	Isoform D of Plasma membrane calcium-transporting ATPase 1	ATP2B1	1.231	0.131	0.093
IPI00021700	Proliferating cell nuclear antigen	PCNA	0.635	0.222	0.258
IPI00021766	Isoform 1 of Reticulon-4	RTN4	1.216	0.146	0.124
IPI00021805	Microsomal glutathione S-transferase 1	MGST1	1.244	0.611	0.673
IPI00021812	Neuroblast differentiation-associated protein AHNAK (Fragment)	AHNAK	1.152	0.112	0.144
IPI00021840	40S ribosomal protein S6	RPS6	0.816	0.105	0.093
IPI00021923	Protein FAM3C precursor	FAM3C	1.769	0.129	0.075
IPI00022048	Prostaglandin F2 receptor negative regulator precursor	PTGFRN	1.498	0.504	0.229
IPI00022078	Protein NDRG1	NDRG1	0.405	0.265	0.195
IPI00022143	Isoform 1 of Protein FAM62A	FAM62A	1.461	0.302	0.118
IPI00022149	Isoform 2 of Phosphatidylinositol-4-phosphate 5-kinase type-1 alpha	PIP5K1A	1.479	0.235	0.212
IPI00022344	Feline leukemia virus subgroup C receptor-related protein 1	FLVCR	1.209	0.214	0.233

IPI00022418	Isoform 1 of Fibronectin precursor	FN1	1.092	0.886	0.908
IPI00022462	Transferrin receptor protein 1	TFRC	1.139	0.189	0.331
IPI00022542	Rho-associated protein kinase 1	ROCK1	1.818	0.384	0.204
IPI00022558	Isoform 1 of Myelin protein zero-like protein 1 precursor	MPZL1	1.437	0.279	0.114
IPI00022624	Retinoic acid-induced protein 3	GPRC5A	0.969	0.178	0.790
IPI00022649	Isoform 1 of Solute carrier family 12 member 2	SLC12A2	1.173	0.081	0.066
IPI00022661	Isoform Delta of Poliovirus receptor-related protein 2 precursor	PVRL2	1.185	0.093	0.075
IPI00022774	Transitional endoplasmic reticulum ATPase	VCP	0.941	0.158	0.587
IPI00022977	Creatine kinase B-type	CKB	0.751	0.204	0.168
IPI00023048	Elongation factor 1-delta	EEF1D	0.700	0.031	0.004
IPI00023122	Isoform 1 of PDZ and LIM domain protein 7	PDLIM7	1.137	0.079	0.245
IPI00023334	Isoform 1 of Mitochondrial 39S ribosomal protein L4	MRPL4	0.834	0.453	0.696
IPI00023510	Ras-related protein Rab-5A	RAB5A	1.281	0.235	0.174
IPI00023526	Isoform 1 of Ras-related protein Rab-6A	RAB6A	1.370	0.209	0.092
IPI00023542	Transmembrane emp24 protein transport domain containing 9	TMED9	1.161	0.383	0.658
IPI00023605	Isoform 1 of Cdc42 effector protein 1	CDC42EP1	1.261	0.013	0.023
IPI00023640	Programmed cell death protein 5	PDCD5	0.608	0.090	0.102
IPI00023748	Nascent polypeptide-associated complex subunit alpha	NACA	0.683	0.037	0.052
IPI00023785	Isoform 1 of Probable ATP-dependent RNA helicase DDX17	DDX17	0.777	0.021	0.042
IPI00023860	Nucleosome assembly protein 1-like 1	NAP1L1	0.530	0.038	0.037
IPI00024046	Cadherin-13 precursor	CDH13	1.226	0.241	0.245
IPI00024067	Isoform 1 of Clathrin heavy chain 1	CLTC	0.794	0.220	0.413
IPI00024095	Annexin A3	ANXA3	1.039	0.250	0.813
IPI00024145	Isoform 1 of Voltage-dependent anion-selective channel protein 2	VDAC2	1.432	0.497	0.271
IPI00024320	Putative RNA -binding protein 3	RBM3	0.914	0.144	0.554
IPI00024403	Copine-3	CPNE3	1.284	0.214	0.149
IPI00024642	Isoform 1 of Coiled-coil domain-containing protein 47 precursor	CCDC47	0.835	0.153	0.202
IPI00024650	Monocarboxylate transporter 1	SLC16A1	1.236	0.225	0.211
IPI00024660	Isoform 1 of Uncharacterized protein KIAA0174	KIAA0174	0.870	0.411	0.732
IPI00024670	Receptor expression-enhancing protein 5	REEP5	1.177	0.099	0.091
IPI00024705	PDZ domain-containing protein GIPC1	GIPC1	1.735	0.177	0.108
IPI00024911	Endoplasmic reticulum protein ERp29 precursor	ERP29	0.954	0.087	0.457
IPI00024915	Isoform Mitochondrial of Peroxiredoxin-5. mitochondrial precursor	PRDX5	0.658	0.136	0.174
IPI00024919	Thioredoxin-dependent peroxide reductase. mitochondrial precursor	PRDX3	1.136	0.888	0.864
IPI00024920	ATP synthase delta chain. mitochondrial precursor	ATP5D	1.354	0.980	0.699

IPI00024933	60S ribosomal protein L12	RPL12	0.851	0.063	0.055
IPI00024976	Mitochondrial import receptor subunit TOM22 homolog	TOMM22	2.000	1.390	0.494
IPI00025049	Cation-dependent mannose-6-phosphate receptor precursor	M6PR	1.249	0.231	0.371
IPI00025086	Cytochrome c oxidase subunit 5A. mitochondrial precursor	COX5A	1.453	1.020	0.643
IPI00025091	40S ribosomal protein S11	RPS11	0.654	0.084	0.109
IPI00025252	Protein disulfide-isomerase A3 precursor	PDIA3	1.027	0.081	0.620
IPI00025277	Programmed cell death protein 6	PDCD6	1.531	0.374	0.133
IPI00025285	Vacuolar ATP synthase subunit G 1	ATP6V1G1	0.767	0.195	0.340
IPI00025329	60S ribosomal protein L19	RPL19	0.805	0.243	0.299
IPI00025366	Citrate synthase. mitochondrial precursor	CS	1.426	1.274	0.719
IPI00025447	EEF1A1protein	EEF1A1	0.498	0.002	0.001
IPI00025491	Eukaryotic initiation factor 4A-I	EIF4A1	0.702	0.151	0.076
IPI00025512	Heat-shock protein beta-1	HSPB1	0.500	0.161	0.033
IPI00025796	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3. mitochondrial precursor	NDUFS3	1.504	1.165	0.651
IPI00025809	Alpha-1.6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	MGAT2	1.466	0.607	0.474
IPI00025874	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit precursor	RPN1	1.008	0.229	0.960
IPI00025974	Charged multivesicular body protein 4b	CHMP4B	1.384	0.854	0.518
IPI00026111	Isoform 1 of Transmembrane and coiled-coil domain-containing protein 1	TMCO1	1.031	0.179	0.845
IPI00026154	Glucosidase 2 subunit beta precursor	PRKCSH	0.833	0.123	0.143
IPI00026185	Isoform 1 of F-actin capping protein subunit beta	CAPZB	0.954	0.019	0.183
IPI00026241	Bone marrow stromal antigen 2 precursor	BST2	1.349	0.321	0.200
IPI00026268	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1	GNB1	1.602	0.246	0.052
IPI00026271	40S ribosomal protein S14	RPS14	0.788	0.126	0.100
IPI00026302	60S ribosomal protein L31	RPL31	0.907	0.185	0.609
IPI00026314	Isoform 1 of Gelsolin precursor	GSN	1.078	0.037	0.204
IPI00026328	Thioredoxin domain-containing protein 12 precursor	TXNDC12	0.874	0.149	0.279
IPI00026530	ERGIC-53 protein precursor	LMAN1	1.139	0.250	0.437
IPI00026848	Alpha-2-macroglobulin receptor-associated protein precursor	LRPAP1	1.004	0.179	0.970
IPI00026942	SPFH2 protein (Fragment)	ERLIN2	0.935	0.237	0.766
IPI00026994	PRA1 family protein 2	PRAF2	1.035	0.246	0.873
IPI00027087	Isoform 1 of Neural cell adhesion molecule L1 precursor	L1CAM	1.329	0.335	0.231
IPI00027107	Tu translation elongation factor. mitochondrial	TUFM	1.115	0.829	0.876
IPI00027175	Sorcin	SRI	0.854	0.264	0.577
IPI00027194	Syntaxin-18	STX18	1.109	0.204	0.590
IPI00027230	Endoplasmic precursor	HSP90B1	0.767	0.077	0.034

IPI00027232	Insulin-like growth factor 1 receptor precursor	IGF1R	1.033	0.295	0.863
IPI00027252	Prohibitin-2	PHB2	1.573	0.749	0.316
IPI00027255	Myosin light polypeptide 6B	MYL6B	1.160	0.033	0.091
IPI00027270	60S ribosomal protein L26	RPL26	0.857	0.155	0.251
IPI00027341	Macrophage-capping protein	CAPG	1.084	0.159	0.458
IPI00027350	Peroxiredoxin-2	PRDX2	0.810	0.174	0.199
IPI00027397	Isoform 1 of Hematological and neurological expressed 1-like protein	CRAMP1L	1.062	0.006	0.047
IPI00027422	Isoform Beta-4C of Integrin beta-4 precursor	ITGB4	1.467	0.069	0.007
IPI00027434	Rho-related GTP-binding protein RhoC precursor	RHOC	1.182	0.131	0.301
IPI00027438	Flotillin-1	FLOT1	1.307	0.229	0.146
IPI00027463	Protein S100-A6	S100A6	0.783	0.074	0.150
IPI00027493	4F2 cell-surface antigen heavy chain	SLC3A2	1.145	0.176	0.290
IPI00027497	Glucose-6-phosphate isomerase	GPI	0.884	0.008	0.032
IPI00027500	Transforming protein RhoA precursor	RHOA	1.284	0.040	0.063
IPI00027505	Isoform 1 of Integrin alpha-V precursor	ITGAV	1.515	0.256	0.073
IPI00027547	Dermcidin precursor	DCD	1.799	2.378	0.718
IPI00027626	T-complex protein 1 subunit zeta	CCT6A	1.075	0.563	0.839
IPI00028055	Transmembrane emp24 domain-containing protein 10 precursor	TMED10	1.320	0.393	0.294
IPI00028077	Isoform 1 of Presenilin-1	PSEN1	1.051	0.022	0.192
IPI00028091	Actin-like protein 3	ACTR3	1.301	0.313	0.238
IPI00028108	Regulator of G-protein signaling 19	RGS19	1.160	0.244	0.525
IPI00028481	Ras-related protein Rab-8A	RAB8A	1.230	0.176	0.152
IPI00028888	Isoform 1 of Heterogeneous nuclear ribonucleoprotein D0	HNRPD	0.854	0.227	0.530
IPI00028911	Dystroglycan precursor	DAG1	1.542	0.029	0.024
IPI00028931	Desmoglein 2 preproprotein	DSG2	1.398	0.181	0.062
IPI00028946	Isoform 3 of Reticulon-3	RTN3	1.148	0.004	0.013
IPI00029133	ATP synthase B chain. mitochondrial precursor	ATP5F1	1.117	0.661	0.844
IPI00029273	Isoform 1 of Hepatocyte growth factor receptor precursor	MET	1.436	0.228	0.080
IPI00029601	Src substrate cortactin	CTTN	1.767	0.361	0.067
IPI00029625	Flotillin-2	FLOT2	1.211	0.325	0.528
IPI00029730	Syntaxin-4	STX4	1.252	0.091	0.041
IPI00029744	Single-stranded DNA-binding protein. mitochondrial precursor	SSBP1	1.074	0.823	0.919
IPI00030179	60S ribosomal protein L7	RPL7	0.839	0.106	0.119
IPI00030351	Isoform 1 of Disks large homolog 1	DLG1	1.249	0.151	0.258
IPI00030738	Isoform 2 of Sperm antigen with calponin homology and coiled-coil domains 1	SPECC1	1.086	0.258	0.719

IPI00031131	C20orf3 Adipocyte plasma membrane-associated protein	C20orf3	1.116	0.205	0.429
IPI00031169	Ras-related protein Rab-2A	RAB2A	1.209	0.257	0.294
IPI00031397	Long-chain-fatty-acid--CoA ligase 3	ACSL3	1.070	0.117	0.405
IPI00031605	AHNAK nucleoprotein	AHNAK	1.248	0.252	0.397
IPI00031691	60S ribosomal protein L9	RPL9	0.875	0.109	0.186
IPI00031697	Transmembrane protein 109 precursor	TMEM109	1.102	0.029	0.025
IPI00031812	Nuclease sensitive element-binding protein 1	YBX1	0.907	0.234	0.564
IPI00031836	Developmentally-regulated GTP-binding protein 1	DRG1	0.911	0.039	0.190
IPI00032003	Emerin	EMD	1.074	0.270	0.682
IPI00032038	Isoform 1 of Carnitine O-palmitoyltransferase I. liver isoform	CPT1A	1.332	0.777	0.654
IPI00032064	PALM2-AKAP2 protein isoform 1	AKAP2	1.159	0.238	0.368
IPI00032140	Serpin H1 precursor	SERPINH1	0.777	0.100	0.061
IPI00032826	Hsc70-interacting protein	ST13	0.682	0.174	0.236
IPI00032831	Synaptosomal-associated protein 29	SNAP29	1.085	0.332	0.779
IPI00033025	Isoform 1 of Septin-7	SEPT7	0.965	0.203	0.793
IPI00033494	Myosin regulatory light chain	MRLC2	1.436	0.097	0.016
IPI00034159	Vacuolar ATP synthase subunit d	ATP6V0D1	0.983	0.130	0.883
IPI00044683	Isoform 1 of Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 4 protein	ALS2CR4	1.229	0.110	0.068
IPI00045396	Isoform 2 of Calumenin precursor	CALU	0.798	0.006	0.013
IPI00045921	TOB3	ATAD3B	1.875	0.501	0.245
IPI00046057	Isoform 2 of Syntaxin-binding protein 1	STXBP1	1.056	0.115	0.487
IPI00056310	Secretory carrier-associated membrane protein 4	SCAMP4	1.045	0.286	0.861
IPI00059472	Vesicle transport through interaction with t-SNAREs homolog 1A	VT11A	1.200	0.451	0.643
IPI00060627	Coiled-coil domain-containing protein 124	CCDC124	0.828	0.239	0.338
IPI00060715	BTB/POZ domain-containing protein KCTD12	KCTD12	0.526	0.304	0.114
IPI00063234	PRKAR2A protein	PRKAR2A	0.834	0.009	0.025
IPI00063784	Isoform Long of Vesicle transport through interaction with t-SNAREs homolog 1B	VT11B	1.149	0.531	0.759
IPI00071059	Bax epsilon	BAX	0.676	0.118	0.161
IPI00072377	Isoform 1 of Protein SET	SET	0.989	0.037	0.664
IPI00075248	Calmodulin	CALM2	1.251	0.072	0.026
IPI00095891	Isoform XLas-1 of Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	GNAS	1.672	0.279	0.053
IPI00099650	Jagged-1precursor	JAG1	0.904	0.221	0.650
IPI00100796	Charged multivesicular body protein 5	CHMP5	0.751	0.175	0.294
IPI00100980	EH domain-containing protein 2	EHD2	1.878	0.384	0.058
IPI00103175	Isoform 1 of Soluble calcium-activated nucleotidase 1	CANT1	1.578	0.266	0.200

IPI00106646	45 kDa calcium-binding protein precursor	SDF4	1.710	0.703	0.222
IPI00107831	Receptor-type tyrosine-protein phosphatase F precursor	PTPRF	2.085	0.516	0.068
IPI00141318	Isoform 1 of Cytoskeleton-associated protein 4	CKAP4	0.734	0.123	0.065
IPI00150961	Membrane component chromosome 11 surface marker 1 isoform 1	CAPRIN1	0.777	0.121	0.234
IPI00151710	Transmembrane protein 16F	TMEM16F	1.160	0.124	0.319
IPI00152418	Decay-accelerating factor splicing variant 4	CD55	1.147	0.167	0.268
IPI00152540	Isoform 1 of CD109 antigen precursor	CD109	1.296	0.215	0.140
IPI00152642	Leucine-rich repeat-containing protein 8C	LRR8C	0.967	0.087	0.685
IPI00152853	Isoform 1 of Uncharacterized protein KIAA1949	KIAA1949	1.089	0.111	0.298
IPI00152898	Isoform 1 of AP-1 complex subunit sigma-1A	AP1S1	0.882	0.060	0.076
IPI00156689	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	0.796	0.055	0.023
IPI00163187	Fascin	FSCN1	1.493	0.631	0.309
IPI00165041	Treacher Collins-Franceschetti syndrome 1 isoform a	TCOF1	1.134	0.358	0.690
IPI00165393	Acidic leucine-rich nuclear phosphoprotein 32 family member E	ANP32E	1.008	0.036	0.811
IPI00166768	TUBA1C protein	TUBA1C	0.639	0.043	0.053
IPI00168262	Glycosyltransferase 25 domain-containing protein 1	GLT25D1	0.697	0.100	0.146
IPI00169267	ADP-ribosylation factor-like protein 6-interacting protein 2	ARL6IP2	1.493	0.240	0.211
IPI00169383	Phosphoglycerate kinase 1	PGK1	0.793	0.114	0.088
IPI00170692	Vesicle-associated membrane protein-associated protein A	VAPA	1.048	0.037	0.319
IPI00171411	Golgi phosphoprotein 2	GOLPH2	2.735	0.783	0.062
IPI00171412	Isoform 1 of Sulfatase-modifying factor 2 precursor	SUMF2	0.987	0.175	0.912
IPI00171421	C8orf55 mesenchymal stem cell protein DSCD75	C8orf55	1.267	0.419	0.385
IPI00171438	Thioredoxin domain-containing protein 5 precursor	TXNDC5	0.855	0.153	0.243
IPI00171614	Monocarboxylate transporter 2	SLC16A7	1.338	0.277	0.334
IPI00171903	Isoform 1 of Heterogeneous nuclear ribonucleoprotein M	HNRPM	0.980	0.148	0.883
IPI00172656	UBX domain-containing protein 8	UBXD8	1.160	0.296	0.448
IPI00173589	Similar to 60S ribosomal protein L29	LOC284064	0.831	0.200	0.444
IPI00176221	Neuronal growth regulator 1 precursor	NEGR1	1.169	0.323	0.461
IPI00176903	Isoform 1 of Polymerase I and transcript release factor	PTRF	1.140	0.525	0.770
IPI00178440	Elongation factor 1-beta	EEF1B2	0.520	0.109	0.017
IPI00179326	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	BAIAP2L1	1.762	0.639	0.175
IPI00179330	UBB ubiquitin and ribosomal protein S27a precursor	RPS27A	1.309	0.130	0.054
IPI00179473	48 kDa protein	SQSTM1	0.670	0.170	0.079
IPI00179709	Isoform 1 of Tubulin alpha-2 chain	TUBA3C	0.377	0.226	0.160
IPI00182469	Isoform 1AB of Catenin delta-1	CTNND1	1.562	0.565	0.227

IPI00182933	Isoform 2 of Cytochrome b5	CYB5A	1.073	0.173	0.659
IPI00183002	Isoform 1 of Protein phosphatase 1 regulatory subunit 12A	PPP1R12A	1.389	0.016	0.019
IPI00183695	Protein S100-A10	S100A10	1.223	0.201	0.361
IPI00186290	Elongation factor 2	EEF2	0.767	0.125	0.085
IPI00186826	Receptor protein tyrosine kinase variant EphB4v1	EPHB4	1.659	0.193	0.130
IPI00215613	Integrin alpha-11 precursor	ITGA11	1.703	0.339	0.070
IPI00215719	60S ribosomal protein L18	RPL18	0.956	0.013	0.132
IPI00215743	Isoform 3 of Ribosome-binding protein 1	RRBP1	0.814	0.246	0.320
IPI00215780	40S ribosomal protein S19	RPS19	0.784	0.096	0.060
IPI00215893	Heme oxygenase 1	HMOX1	0.904	0.004	0.020
IPI00215901	Isoform 1 of Adenylate kinase isoenzyme 2. mitochondrial	AK2	1.207	0.651	0.731
IPI00215914	ADP-ribosylation factor 1	ARF1	1.058	0.118	0.615
IPI00215948	Isoform 1 of Catenin alpha-1	CTNNA1	1.331	0.116	0.039
IPI00215965	Isoform A1-B of Heterogeneous nuclear ribonucleoprotein A1	HNRPA1L-2	0.835	0.160	0.216
IPI00215995	Isoform Alpha-3A of Integrin alpha-3 precursor	ITGA3	1.326	0.044	0.006
IPI00216049	Isoform 1 of Heterogeneous nuclear ribonucleoprotein K	HNRPK	0.880	0.206	0.418
IPI00216134	Tropomyosin 1 alpha chain isoform 7	TPM1	0.819	0.007	0.018
IPI00216135	Isoform 3 of Tropomyosin-1 alpha chain	TPM1	0.677	0.168	0.225
IPI00216138	Transgelin	TAGLN	2.872	2.110	0.264
IPI00216219	Isoform Long of Tight junction protein ZO-1	TJP1	0.992	0.233	0.958
IPI00216308	Voltage-dependent anion-selective channel protein 1	VDAC1	1.459	0.378	0.170
IPI00216318	Isoform Long of 14-3-3 protein beta/alpha	YWHAB	0.902	0.016	0.072
IPI00216393	Isoform Non-brain of Clathrin light chain A	CLTA	0.861	0.181	0.473
IPI00216546	Isoform 2 of Probable palmitoyltransferase ZDHHC5	ZDHHC5	1.354	0.019	0.001
IPI00216587	40S ribosomal protein S8	RPS8	0.739	0.103	0.048
IPI00216592	Isoform C1 of Heterogeneous nuclear ribonucleoproteins C1/C2	HNRPC	0.861	0.028	0.089
IPI00216682	Calponin-3	CNN3	1.634	0.139	0.016
IPI00216691	Profilin-1	PFN1	0.808	0.060	0.138
IPI00216694	Plastin 3	PLS3	1.616	0.476	0.154
IPI00216975	TPM4 Isoform 2 of Tropomyosin alpha-4 chain	TPM4	0.778	0.075	0.036
IPI00217030	40S ribosomal protein S4. X isoform	RPS4X	0.775	0.150	0.281
IPI00217059	Isoform 2 of Coiled-coil domain-containing protein 50	CCDC50	1.663	0.138	0.014
IPI00217121	Uncharacterized protein C19orf21	C19orf21	1.256	0.148	0.096
IPI00217143	SDHA protein	SDHA	1.150	0.737	0.822
IPI00217465	Histone H1.2	HIST1H1C	0.823	0.044	0.112

IPI00217519	Ras-related protein Ral-A precursor	RALA	1.271	0.159	0.098
IPI00217563	Isoform Beta-1A of Integrin beta-1 precursor	ITGB1	1.317	0.095	0.029
IPI00217683	A-kinase anchor protein 12 isoform 2	AKAP12	0.545	0.032	0.032
IPI00217966	Isoform 1 of L-lactate dehydrogenase A chain	LDHA	0.801	0.144	0.139
IPI00217975	Lamin-B1	LMNB1	0.978	0.073	0.746
IPI00218200	B-cell receptor-associated protein 31	BCAP31	1.138	0.216	0.384
IPI00218319	Isoform 2 of Tropomyosin alpha-3 chain	TPM3	0.779	0.105	0.207
IPI00218323	Tumor protein D52	TPD52	1.039	0.311	0.848
IPI00218342	C-1-tetrahydrofolate synthase. cytoplasmic	MTHFD1	0.887	0.153	0.328
IPI00218433	Cytochrome b-245 light chain	CYBA	1.718	0.758	0.408
IPI00218487	Gap junction alpha-1 protein	GJA1	2.297	1.513	0.439
IPI00218696	Isoform 4 of Caldesmon	CALD1	2.060	0.872	0.170
IPI00218782	Capping protein (Actin filament) muscle Z-line. beta	CAPZB	1.091	0.128	0.500
IPI00218830	Isoform Short of Glycylpeptide N-tetradecanoyltransferase 1	NMT1	0.782	0.025	0.051
IPI00218918	Annexin A1	ANXA1	1.314	0.337	0.247
IPI00218924	Calcium-binding protein p22	CHP	1.109	0.285	0.683
IPI00219005	FK506-binding protein 4	FKBP4	0.694	0.358	0.439
IPI00219018	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	0.955	0.126	0.596
IPI00219153	60S ribosomal protein L22	RPL22	0.965	0.038	0.417
IPI00219156	60S ribosomal protein L30	RPL30	0.878	0.055	0.196
IPI00219217	L-lactate dehydrogenase B chain	LDHB	0.752	0.122	0.072
IPI00219301	Myristoylated alanine-rich C-kinase substrate	MARCKS	1.093	0.259	0.597
IPI00219344	Hippocalcin-like protein 1	HPCAL1	1.429	0.276	0.115
IPI00219365	Moesin	MSN	1.294	0.196	0.122
IPI00219425	Isoform Beta of Poliovirus receptor precursor	PVR	1.092	0.094	0.234
IPI00219525	6-phosphogluconate dehydrogenase. decarboxylating	PGD	0.650	0.077	0.098
IPI00219678	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1	0.756	0.117	0.069
IPI00219682	Stomatin	STOM	1.615	0.043	0.002
IPI00219726	Isoform 2AC of Catenin delta-1	CTNND1	1.267	0.132	0.073
IPI00219757	Glutathione S-transferase	GSTP1	0.719	0.098	0.154
IPI00219868	Isoform 1AC of Catenin delta-1	CTNND1	1.353	0.078	0.099
IPI00220113	Isoform 2 of Microtubule-associated protein 4	MAP4	0.820	0.184	0.398
IPI00220194	Solute carrier family 2. facilitated glucose transporter member 1	SLC2A1	1.328	0.073	0.016
IPI00220278	Myosin regulatory light chain 2. smooth muscle isoform	MYL9	1.962	0.489	0.076
IPI00220301	Peroxiredoxin-6	PRDX6	0.636	0.005	0.006

IPI00220362	10 kDa heat shock protein. mitochondrial	HSPE1	1.195	0.995	0.828
IPI00220487	Isoform 1 of ATP synthase D chain. mitochondrial	ATP5H	1.298	0.902	0.625
IPI00220503	Dynactin 2	DCTN2	0.605	0.105	0.118
IPI00220556	Pre-B-cell leukemia transcription factor interacting protein 1	PBXIP1	1.149	0.018	0.054
IPI00220578	Guanine nucleotide-binding protein G	GNAI3	1.762	0.071	0.003
IPI00220642	14-3-3 protein gamma	YWHAG	0.949	0.148	0.611
IPI00220644	Isoform M1 of Pyruvate kinase isozymes M1/M2	PKM2	0.730	0.219	0.167
IPI00220709	Isoform 2 of Tropomyosin beta chain	TPM2	0.824	0.050	0.026
IPI00220739	Membrane-associated progesterone receptor component 1	PGRMC1	1.309	0.255	0.170
IPI00220740	Isoform 2 of Nucleophosmin	NPM1	1.011	0.191	0.947
IPI00220991	Isoform 2 of AP-2 complex subunit beta	AP2B1	1.542	0.029	0.024
IPI00220993	Isoform CNPI of 2'-3'-cyclic-nucleotide 3'-phosphodiesterase	CNP	1.851	0.427	0.217
IPI00221089	40S ribosomal protein S13	RPS13	0.721	0.151	0.233
IPI00221092	40S ribosomal protein S16	RPS16	0.776	0.067	0.028
IPI00221093	40S ribosomal protein S17	RPS17	0.911	0.034	0.170
IPI00221178	Isoform 2 of Tumor protein D54	TPD52L2	1.231	0.463	0.478
IPI00221209	Isoform 1 of Syntaxin-2	STX2	1.277	0.139	0.216
IPI00221222	Activated RNA polymerase II transcriptional coactivator p15	SUB1	1.320	0.736	0.649
IPI00221224	Aminopeptidase N	ANPEP	1.332	0.614	0.448
IPI00221232	Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-12 subunit precursor	GNG12	1.382	0.353	0.368
IPI00238262	Amphoterin-induced protein 2 precursor	AMIGO2	0.982	0.310	0.928
IPI00246058	PDCD6IP protein	PDCD6IP	1.050	0.213	0.724
IPI00253036	Isoform I of CD99 antigen precursor	CD99	1.253	0.145	0.094
IPI00289334	Isoform 1 of Filamin-B	FLNB	1.301	0.582	0.465
IPI00289499	Bifunctional purine biosynthesis protein PURH	ATIC	0.628	0.188	0.218
IPI00289819	Cation-independent mannose-6-phosphate receptor precursor	IGF2R	1.177	0.542	0.724
IPI00289876	Isoform 1 of Syntaxin-7	STX7	1.317	0.215	0.125
IPI00290085	Cadherin-2 precursor	CDH2	1.361	0.183	0.076
IPI00290328	Receptor-type tyrosine-protein phosphatase eta precursor	PTPRJ	1.378	0.265	0.132
IPI00290566	T-complex protein 1 subunit alpha	TCP1	0.990	0.491	0.975
IPI00290770	Chaperonin containing TCP1. subunit 3 isoform b	CCT3	1.129	0.459	0.674
IPI00290928	Guanine nucleotide-binding protein alpha-13 subunit	GNA13	1.219	0.150	0.127
IPI00291006	Malate dehydrogenase. mitochondrial precursor	MDH2	0.992	0.696	0.986
IPI00291032	Isoform 1 of Sperm antigen with calponin homology and coiled-coil domains 1	SPECC1	1.318	0.754	0.658
IPI00291175	Isoform 1 of Vinculin	VCL	0.811	0.093	0.213

IPI00291262	Clusterin precursor	CLU	2.005	0.481	0.208
IPI00291300	Isoform 2 of Podocalyxin-like protein 2 precursor	PODXL2	1.532	0.073	0.062
IPI00291467	ADP/ATP translocase 3	SLC25A6	1.445	1.048	0.656
IPI00291802	Isoform 3 of LIM domain only protein 7	LMO7	1.416	0.401	0.214
IPI00291928	Ras-related protein Rab-14	RAB14	1.197	0.279	0.346
IPI00292009	Palladin	PALLD	1.903	0.783	0.184
IPI00293073	Mitochondrial transmembrane GTPase FZO-2	MFN1	1.658	0.725	0.421
IPI00293276	Macrophage migration inhibitory factor	MIF	0.714	0.089	0.138
IPI00293336	Similar to metallo-beta-lactamase superfamily protein	LOC153364	1.205	0.374	0.581
IPI00293427	E3 ubiquitin-protein ligase ZNRF2	ZNRF2	1.300	0.026	0.040
IPI00293434	Signal recognition particle 14 kDa protein	SRP14	1.025	0.166	0.816
IPI00295098	Signal recognition particle receptor subunit beta	SRPRB	1.073	0.215	0.716
IPI00295542	Nucleobindin-1 precursor	NUCB1	1.382	0.480	0.302
IPI00296053	Isoform Mitochondrial of Fumarate hydratase. mitochondrial precursor	FH	0.904	0.639	0.866
IPI00296099	Thrombospondin-1 precursor	THBS1	1.170	0.238	0.497
IPI00296830	Isoform 1 of Leucine zipper protein 1	LUZP1	1.096	0.216	0.643
IPI00296992	AXL receptor tyrosine kinase isoform 1	AXL	1.835	0.428	0.077
IPI00297084	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase precursor	DDOST	0.967	0.162	0.759
IPI00297160	Isoform 12 of CD44 antigen precursor	CD44	1.131	0.147	0.262
IPI00297626	Syntaxin-binding protein 3	STXBP3	1.173	0.061	0.154
IPI00297646	Collagen alpha-1(I) chain precursor	COL1A1	4.915	1.094	0.124
IPI00297655	Neurogenic locus notch homolog protein 2 precursor	NOTCH2	1.251	0.183	0.140
IPI00297779	T-complex protein 1 subunit beta	CCT2	1.048	0.455	0.871
IPI00297910	Tumor-associated calcium signal transducer 2 precursor	TACSTD2	1.172	0.005	0.000
IPI00298057	Periplakin	PPL	1.381	0.199	0.080
IPI00298281	Laminin subunit gamma-1 precursor	LAMC1	1.308	0.426	0.493
IPI00298547	Protein DJ-1	PARK7	0.650	0.062	0.079
IPI00298994	271 kDa protein	TLN1	1.724	0.617	0.179
IPI00299000	Proliferation-associated protein 2G4	PA2G4	1.067	0.620	0.869
IPI00299024	Brain acid soluble protein 1	BASP1	1.230	0.170	0.144
IPI00299084	Transmembrane protein 33	TMEM33	0.871	0.074	0.246
IPI00299088	Isoform 1 of Brain-specific angiogenesis inhibitor 1-associated protein 2	BAIAP2	1.326	0.157	0.208
IPI00299116	Podocalyxin-like protein 1 precursor	PODXL	1.215	0.527	0.553
IPI00299412	Isoform 2 of CD97 antigen precursor	CD97	1.415	0.294	0.134
IPI00299571	Isoform 2 of Protein disulfide-isomerase A6 precursor	PDIA6	1.121	0.408	0.659

IPI00299573	60S ribosomal protein L7a	RPL7A	0.853	0.098	0.121
IPI00299594	Isoform 1 of Neuropilin-1 precursor	NRP1	1.425	0.235	0.089
IPI00300096	Ras-related protein Rab-35	RAB35	1.269	0.054	0.090
IPI00300384	Receptor tyrosine-protein kinase erbB-2 precursor	ERBB2	1.667	0.194	0.129
IPI00301023	Isoform 1 of Paralemmin	PALM	1.273	0.640	0.655
IPI00301058	Vasodilator-stimulated phosphoprotein	VASP	1.540	0.472	0.186
IPI00301277	Heat shock 70 kDa protein 1L	HSPA1L	0.684	0.217	0.127
IPI00301280	Transmembrane protein 43	TMEM43	1.085	0.089	0.404
IPI00302592	Filamin A, alpha	FLNA	1.365	0.135	0.043
IPI00302925	Chaperonin containing TCP1, subunit 8 (Theta) variant	CCT8	1.202	0.625	0.632
IPI00302927	T-complex protein 1 subunit delta	CCT4	1.362	0.512	0.500
IPI00303300	FK506-binding protein 10 precursor	FKBP10	1.145	0.810	0.786
IPI00303476	ATP synthase subunit beta, mitochondrial precursor	ATP5B	1.435	0.791	0.442
IPI00303602	C1orf80 hypothetical protein	C1orf80	2.033	0.189	0.082
IPI00304589	182 kDa tankyrase 1-binding protein	TNKS1BP1	0.777	0.040	0.080
IPI00304612	60S ribosomal protein L13a	RPL13A	0.952	0.543	0.921
IPI00304925	Heat shock 70 kDa protein 1	HSPA1B	0.820	0.321	0.574
IPI00305383	Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor	UQCRC2	1.359	0.892	0.670
IPI00305423	Charged multivesicular body protein 6	CHMP6	1.942	1.057	0.427
IPI00306043	Isoform 1 of YTH domain family protein 2	YTHDF2	0.993	0.035	0.824
IPI00306048	Isoform 1 of ATPase family AAA domain-containing protein 3B	ATAD3B	1.611	1.142	0.587
IPI00306322	Collagen alpha-2(IV) chain precursor	COL4A2	1.364	0.528	0.508
IPI00306332	60S ribosomal protein L24	RPL24	0.774	0.018	0.035
IPI00306382	Isoform 1 of Secretory carrier-associated membrane protein 3	SCAMP3	1.219	0.249	0.267
IPI00306604	Integrin alpha-5 precursor	ITGA5	1.313	0.147	0.066
IPI00306825	Isoform 1 of Tumor protein D54	TPD52L2	1.324	0.123	0.166
IPI00307155	Rho-associated protein kinase 2	ROCK2	1.679	0.612	0.195
IPI00307572	Transmembrane protein 165	TMEM165	1.711	0.571	0.329
IPI00328180	Isoform 1 of Ras-related protein Rab-34	RAB34	1.111	0.022	0.089
IPI00328391	N-acetylgalactosaminyltransferase 7	GALNT7	1.479	0.572	0.447
IPI00328415	Isoform 1 of NADH-cytochrome b5 reductase	CYB5R3	1.244	0.071	0.128
IPI00328715	Protein LYRIC	MTDH	0.844	0.066	0.055
IPI00328748	ARMET protein precursor	ARMET	0.791	0.019	0.041
IPI00328753	Isoform 1 of Kinectin	KTN1	0.809	0.057	0.133
IPI00329389	60S ribosomal protein L6	RPL6	1.224	0.437	0.468

IPI00329572	49 kDa protein	PACSIN3	1.455	0.260	0.094
IPI00329672	Myosin-Ie	MYO1E	2.069	0.795	0.145
IPI00329801	Annexin A5	ANXA5	0.836	0.074	0.062
IPI00332936	Isoform 2 of Zinc finger CCCH type antiviral protein 1	ZC3HAV1	0.811	0.006	0.014
IPI00333068	Actin-related protein 2/3 complex subunit 1A	ARPC1A	1.168	0.347	0.617
IPI00333619	Isoform 1 of Fatty aldehyde dehydrogenase	ALDH3A2	0.918	0.101	0.455
IPI00334190	Stomatin-like protein 2	STOML2	1.352	1.020	0.711
IPI00334627	Similar to annexin A2 isoform 1	ANXA2P2	1.279	0.218	0.157
IPI00334657	Isoform 1 of Protein YIPF5	YIPF5	1.136	0.256	0.454
IPI00334775	85 kDa protein	HSP90AB1	0.651	0.166	0.206
IPI00335168	Isoform Non-muscle of Myosin light polypeptide 6	MYL6	1.556	0.180	0.033
IPI00337415	Guanine nucleotide-binding protein G(i), alpha-1 subunit	GNAI1	1.551	0.092	0.009
IPI00337495	Isoform 2 of Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 precursor	PLOD2	0.841	0.162	0.398
IPI00374054	Isoform 2 of Protein enabled homolog	ENAH	1.689	0.191	0.123
IPI00376427	Neural cell adhesion molecule 2 precursor	NCAM2	1.361	0.277	0.152
IPI00376798	Isoform 1 of 60S ribosomal protein L11	RPL11	0.824	0.130	0.144
IPI00383071	LOC729708 RcTP11 (Fragment)	LOC729708	0.887	0.412	0.764
IPI00383581	Isoform 1 of Neutral alpha-glucosidase AB precursor	GANAB	0.819	0.024	0.006
IPI00383645	CGI-151 protein	PALLD	1.473	0.290	0.261
IPI00383680	Ribophorin II	RPN2	0.928	0.166	0.649
IPI00383751	CALCIUM binding protein (Fragment)	CALRET	1.226	0.264	0.439
IPI00385034	Isoform 1 of Na(+)/H(+) exchange regulatory cofactor NHE-RF2	SLC9A3R2	1.116	0.157	0.330
IPI00385318	Isoform 5 of Myoferlin	FER1L3	0.931	0.239	0.755
IPI00385449	Protein kinase C alpha type	PRKCA	1.192	0.031	0.009
IPI00386755	ERO1-like protein alpha precursor	ERO1L	0.950	0.118	0.658
IPI00387144	Tubulin alpha-ubiquitous chain	TUBA1B	0.672	0.000	0.000
IPI00395488	Vasorin precursor	VASN	1.542	0.525	0.382
IPI00395887	Thioredoxin domain-containing protein 1 precursor	TXNDC1	1.244	0.088	0.160
IPI00395906	Similar to RIKEN cDNA 2310002J15 gene	MGC59937	1.450	0.137	0.135
IPI00396321	Leucine-rich repeat-containing protein 59	LRRC59	0.897	0.093	0.195
IPI00396378	Isoform B1 of Heterogeneous nuclear ribonucleoproteins A2/B1	HNRPA2B1	0.777	0.164	0.143
IPI00396485	Elongation factor 1-alpha 1	EEF1A1	0.729	0.021	0.035
IPI00397949	G protein-coupled receptor 56 isoform b	GPR56	2.194	0.075	0.028
IPI00398435	similar to Plexin-B2 precursor	PLXNB2	1.313	0.034	0.049
IPI00398775	Plectin 1 isoform 2	PLEC1	0.775	0.169	0.148

IPI00398779	Isoform 4 of Plectin-1	PLEC1	0.747	0.184	0.302
IPI00399089	Mesoderm development candidate 2	MESDC2	0.898	0.052	0.220
IPI00401264	Thioredoxin domain-containing protein 4 precursor	TXNDC4	1.057	0.183	0.645
IPI00401791	IKIP2	IKIP	0.675	0.065	0.090
IPI00402183	Isoform 3 of Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP	0.846	0.068	0.192
IPI00409635	Isoform 2 of Protein FAM62B	FAM62B	1.548	0.326	0.100
IPI00410034	Solute carrier family 38 member 2	SLC38A2	0.225	0.016	0.010
IPI00410666	Isoform 3 of Protein LAP4	SCRIB	1.353	0.190	0.084
IPI00410693	Isoform 1 of Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	0.631	0.078	0.094
IPI00412579	60S ribosomal protein L10a	RPL10A	0.841	0.106	0.280
IPI00412714	Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein	SERBP1	0.773	0.126	0.238
IPI00413108	Ribosomal protein SA	RPSA	0.653	0.070	0.013
IPI00414005	Isoform Short of Sodium/potassium-transporting ATPase alpha-1 chain precursor	ATP1A1	1.275	0.024	0.040
IPI00414320	Annexin A11	ANXA11	1.409	0.060	0.007
IPI00414554	Actin-related protein 2/3 complex subunit 5-like protein	ARPC5L	1.216	0.238	0.422
IPI00418169	Annexin A2 isoform 1	ANXA2	1.312	0.106	0.037
IPI00418262	Fructose-bisphosphate aldolase C	ALDOC	0.932	0.343	0.826
IPI00418471	Vimentin	VIM	0.678	0.049	0.008
IPI00419373	Isoform 1 of Heterogeneous nuclear ribonucleoprotein A3	HNRPA3	0.810	0.349	0.445
IPI00419473	Isoform 2 of Transcription factor BTF3	BTF3	0.736	0.016	0.027
IPI00419585	Peptidyl-prolyl cis-trans isomerase A	PPIA	0.953	0.136	0.611
IPI00419880	40S ribosomal protein S3a	RPS3A	0.716	0.123	0.057
IPI00423570	Isoform 2B of GTPase KRas precursor	KRAS	1.364	0.161	0.059
IPI00425562	Isoform 2 of Protein LAP4	SCRIB	1.523	0.062	0.053
IPI00432363	Microtubule-actin cross-linking factor 1. isoform 4	MACF1	1.366	0.067	0.083
IPI00438286	Isoform 1 of Protein LAP2	ERBB2IP	1.603	0.067	0.050
IPI00439415	Eukaryotic translation initiation factor 4B	EIF4B	0.828	0.093	0.233
IPI00440493	ATP synthase subunit alpha. mitochondrial precursor	ATP5A1	1.372	0.725	0.467
IPI00440932	Isoform 1 of ADAM 9 precursor	ADAM9	1.750	0.087	0.052
IPI00441498	Folate receptor alpha precursor	FOLR1	1.507	0.213	0.054
IPI00442073	Cysteine and glycine-rich protein 1	CSRP1	1.563	0.389	0.129
IPI00443909	Isoform 1 of MIR-interacting saposin-like protein precursor	TMEM4	0.833	0.052	0.137
IPI00444262	FLJ45706 fis. clone FEBRA2028457. highly similar to Nucleolin	NCL	0.906	0.243	0.682
IPI00453116	Secretory carrier membrane protein 3 isoform 1	SCAMP3	1.110	0.220	0.608
IPI00456750	Niban-like protein	FAM129B	1.657	0.257	0.172

IPI00456925	Isoform 1 of Drebrin-like protein	DBNL	1.549	0.494	0.361
IPI00464981	Isoform 1 of Protein ITFG3	ITFG3	1.899	0.088	0.044
IPI00465028	Triosephosphate isomerase 1 variant	TPI1	0.677	0.126	0.171
IPI00465071	TBC domain containing protein 10B	TBC1D10B	2.268	0.017	0.006
IPI00465121	Galphai2 protein	GNAI2	1.632	0.331	0.080
IPI00465248	Isoform alpha-enolase of Alpha-enolase	ENO1	0.847	0.203	0.322
IPI00465361	60S ribosomal protein L13	RPL13	0.849	0.112	0.145
IPI00465431	Galectin-3	LGALS3	1.170	0.130	0.315
IPI00465436	Catalase	CAT	0.960	0.561	0.937
IPI00465439	Fructose-bisphosphate aldolase A	ALDOA	1.030	0.313	0.883
IPI00470360	Isoform 1 of Kin of IRRE-like protein 1 precursor	KIRREL	0.990	0.143	0.916
IPI00470467	NADPH--cytochrome P450 reductase	POR	0.866	0.144	0.413
IPI00470468	Isoform 3 of Protein EFR3-like	KIAA0143	1.444	0.150	0.149
IPI00470535	Dihydropyridine receptor alpha 2 subunit	CACNA2D1	1.425	0.388	0.199
IPI00472102	61 kDa protein	HSPD1	0.530	0.071	0.068
IPI00472164	Wiskott-Aldrich syndrome protein family member 2	WASF2	1.078	0.140	0.578
IPI00472882	HLA class I histocompatibility antigen. A-68 alpha chain precursor	HLA-A	1.469	0.502	0.247
IPI00477611	184 kDa protein	COL5A1	7.188	6.860	0.423
IPI00478292	285 kDa protein	SPTAN1	1.099	0.085	0.349
IPI00479186	Isoform M2 of Pyruvate kinase isozymes M1/M2	PKM2	0.654	0.107	0.136
IPI00479767	Similar to AHNAK nucleoprotein isoform 1	AHNAK2	0.862	0.067	0.211
IPI00479905	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10	NDUFB10	1.198	0.651	0.742
IPI00479997	Stathmin	STMN1	0.652	0.082	0.018
IPI00480022	Isoform 1 of Golgin subfamily A member 7	GOLGA7	1.204	0.249	0.454
IPI00549343	Vesicle-associated membrane protein 3	VAMP3	1.353	0.157	0.194
IPI00550021	60S ribosomal protein L3	RPL3	0.862	0.168	0.453
IPI00550181	Charged multivesicular body protein 2b	CHMP2B	1.132	0.172	0.474
IPI00550234	Isoform 1 of Actin-related protein 2/3 complex subunit 5	ARPC5	1.416	0.036	0.039
IPI00550363	Transgelin-2	TAGLN2	1.607	0.209	0.038
IPI00550451	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	PPP1CA	1.174	0.102	0.249
IPI00550523	Hypothetical protein LOC25923	DKFZP564J0863	1.105	0.288	0.697
IPI00550746	Nuclear migration protein nudC	NUDC	0.623	0.276	0.304
IPI00552587	Growth arrest and DNA-damage-inducible proteins-interacting protein 1	GADD45GIP1	1.502	1.375	0.697
IPI00553138	Vesicle-associated membrane protein 2	VAMP2	1.124	0.364	0.713
IPI00554521	Ferritin heavy chain	FTH1	1.567	0.042	0.033

IPI00554711	Junction plakoglobin	JUP	1.068	0.037	0.234
IPI00554737	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A	0.681	0.035	0.049
IPI00554788	49 kDa protein	KRT18	1.157	0.346	0.515
IPI00554811	Actin-related protein 2/3 complex subunit 4	ARPC4	1.541	0.165	0.135
IPI00555610	313 kDa protein	AHNAK	1.087	0.150	0.562
IPI00556619	TXNDC14 protein	TXNDC14	1.074	0.070	0.376
IPI00604620	Isoform 1 of Nucleolin	NCL	1.122	0.217	0.571
IPI00641181	MARCKS-related protein	MARCKSL1	1.498	0.264	0.082
IPI00643041	GTP-binding nuclear protein Ran	RAN	0.764	0.450	0.594
IPI00643920	Transketolase	TKT	1.050	0.139	0.598
IPI00644079	Heterogeneous nuclear ribonucleoprotein U isoform a	HNRPU	0.990	0.113	0.922
IPI00644618	Isoform 4 of Myelin protein zero-like protein 1 precursor	MPZL1	1.307	0.085	0.124
IPI00645078	Ubiquitin-activating enzyme E1	UBE1	0.749	0.009	0.016
IPI00645194	Integrin, beta 1	ITGB1	1.402	0.155	0.046
IPI00645815	Solute carrier family 9 isoform 3 regulator 2	SLC9A3R2	1.204	0.104	0.077
IPI00646083	HLA class I histocompatibility antigen, B-15 alpha chain precursor	LOC730410	1.422	0.396	0.206
IPI00646304	Peptidylprolyl isomerase B precursor	PPIB	0.873	0.047	0.043
IPI00654623	Tumor endothelial marker 6	TNS3	1.879	1.215	0.493
IPI00742780	FLJ00279 protein (Fragment)	MYH9	1.370	0.036	0.043
IPI00742905	146 kDa protein	DHX9	1.271	0.195	0.300
IPI00743335	Myosin IC isoform a	MYO1C	1.475	0.350	0.306
IPI00743716	HLA class I histocompatibility antigen, Cw-12 alpha chain precursor	LOC730410	1.410	0.395	0.214
IPI00746388	Villin 2	VIL2	1.393	0.315	0.163
IPI00747849	Isoform 2 of Sodium/potassium-transporting ATPase subunit beta-1	ATP1B1	1.081	0.236	0.612
IPI00748145	Isoform 1 of Guanine nucleotide-binding protein G(i). alpha-2 subunit	GNAI2	1.684	0.247	0.159
IPI00760554	HLA class I histocompatibility antigen, A-69 alpha chain	HLA-A	1.248	0.346	0.496
IPI00784154	60 kDa heat shock protein, mitochondrial precursor	HSPD1	1.108	0.899	0.893
IPI00787853	Inositol monophosphatase domain-containing protein 1	IMPAD1	1.648	0.468	0.139
IPI00789324	JUP protein	JUP	1.413	0.239	0.096
IPI00790010	GULP, engulfment adaptor PTB domain containing 1	GULP1	1.503	0.019	0.017
IPI00793199	Annexin IV	ANXA4	1.149	0.068	0.199
IPI00794397	Chromatin modifying protein 4A	CHMP4A	0.576	0.391	0.367
IPI00797154	25 kDa protein	SLC9A3R2	0.877	0.061	0.214
IPI00797556	24 kDa protein	ANXA2	1.257	0.180	0.131
IPI00844215	Isoform 1 of Spectrin alpha chain, brain	SPTAN1	1.414	0.075	0.081

IPI00844475	MHC class I antigen (Fragment)	HLA-A	1.716	0.331	0.201
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^a Mean ratio is the average ratio of the three independent experiments

^b Stdev (ratio) is the standard error of the mean ratio