

Table S1

ID	log(e)	Description
ENSP00000278752	-51	150 kDa Oxygen-Regulated protein precursor
ENSP00000225567	-30.9	27 kDa Golgi SNARE protein
ENSP00000225724	-28.3	28 kDa Golgi SNARE protein
ENSP00000346060	-10.2	40S ribosomal protein S10
ENSP00000270625	-29.9	40S ribosomal protein S11
ENSP00000343059	-20.3	40S ribosomal protein S12
ENSP00000228140	-44.1	40S ribosomal protein S13
ENSP00000311028	-53.1	40S ribosomal protein S14
ENSP00000260968	-4.4	40S ribosomal protein S15
ENSP00000318646	-39.2	40S ribosomal protein S15a
ENSP00000251453	-31.7	40S ribosomal protein S16
ENSP00000346045	-18.6	40S ribosomal protein S17
ENSP00000211372	-32.9	40S ribosomal protein S18
ENSP00000221975	-5.6	40S ribosomal protein S19
ENSP00000009589	-6.8	40S ribosomal protein S20
ENSP00000345957	-34.5	40S ribosomal protein S21
ENSP00000296674	-33.8	40S ribosomal protein S23
ENSP00000336696	-38.3	40S ribosomal protein S24
ENSP00000236900	-3.6	40S ribosomal protein S25
ENSP00000323857	-12.7	40S ribosomal protein S26
ENSP00000314461	-14.8	40S ribosomal protein S27
ENSP00000331275	-11.8	40S ribosomal protein S28
ENSP00000278572	-48.1	40S ribosomal protein S3
ENSP00000279259	-10.8	40S ribosomal protein S30
ENSP00000346050	-21.1	40S ribosomal protein S3a
ENSP00000339537	-73.4	40S ribosomal protein S4
ENSP00000196551	-27	40S ribosomal protein S5
ENSP00000346006	-69	40S ribosomal protein S6
ENSP00000339095	-12.3	40S ribosomal protein S7
ENSP00000271105	-88.6	40S ribosomal protein S8
ENSP00000302896	-62.9	40S ribosomal protein S9
ENSP00000346067	-44.3	40S ribosomal protein SA
ENSP00000340815	-28.3	4F2 cell-surface antigen heavy chain
ENSP00000339027	-12.7	60S acidic ribosomal protein P0
ENSP00000346037	-16.5	60S acidic ribosomal protein P1
ENSP00000322419	-40.4	60S acidic ribosomal protein P2
ENSP00000345542	-49.5	60S ribosomal protein L10a
ENSP00000270799	-26.5	60S ribosomal protein L11
ENSP00000288960	-42.5	60S ribosomal protein L12
ENSP00000326054	-16.2	60S ribosomal protein L12
ENSP00000307889	-65.7	60S ribosomal protein L13
ENSP00000270634	-67.1	60S ribosomal protein L13A
ENSP00000344449	-47.2	60S ribosomal protein L14
ENSP00000309334	-39.3	60S ribosomal protein L15
ENSP00000084795	-40.5	60S ribosomal protein L18
ENSP00000222247	-35.8	60S ribosomal protein L18A
ENSP00000305171	-27.7	60S ribosomal protein L18A
ENSP00000225430	-23.2	60S ribosomal protein L19
ENSP00000294823	-38	60S ribosomal protein L21
ENSP00000346088	-16.3	60S ribosomal protein L22

Table S1

ID	log(e)	Description
ENSP00000346039	-33.4	60S ribosomal protein L23
ENSP00000339073	-49.1	60S ribosomal protein L23A
ENSP00000265264	-28	60S ribosomal protein L24
ENSP00000293842	-38.5	60S ribosomal protein L26
ENSP00000342266	-6.4	60S ribosomal protein L27
ENSP00000346015	-22	60S ribosomal protein L27a
ENSP00000342787	-42.7	60S ribosomal protein L28
ENSP00000294189	-15.5	60S ribosomal protein L29
ENSP00000346001	-33.2	60S ribosomal protein L3
ENSP00000287038	-28.6	60S ribosomal protein L30
ENSP00000264258	-37.1	60S ribosomal protein L31
ENSP00000339064	-10.2	60S ribosomal protein L32
ENSP00000330165	-19.8	60S ribosomal protein L35a
ENSP00000252543	-32.3	60S ribosomal protein L36
ENSP00000260986	-14.3	60S ribosomal protein L37a
ENSP00000340255	-9.4	60S ribosomal protein L37a
ENSP00000346035	-31.2	60S ribosomal protein L4
ENSP00000313819	-26	60S ribosomal protein L5
ENSP00000202773	-51.7	60S ribosomal protein L6
ENSP00000260536	-3.9	60S ribosomal protein L7
ENSP00000340366	-46.8	60S ribosomal protein L7a (Surfeit locus protein 3)
ENSP00000262584	-26.5	60S ribosomal protein L8
ENSP00000330879	-29.8	60S ribosomal protein L9
ENSP00000265959	-158.5	78 kDa glucose-regulated protein precursor
ENSP00000225388	-33.3	82-kD FMRP Interacting Protein
ENSP00000263245	-3.4	ADP-ribosylation factor GTPase-activating protein 3
ENSP00000308496	-9.4	ADP-ribosylation factor-like 10
ENSP00000256496	-4.2	ADP-ribosylation factor-like 10C
ENSP00000340466	-6.3	alpha glucosidase II alpha subunit
ENSP00000319713	-6.3	angiotensin II receptor-associated protein
ENSP00000286918	-4	Ankyrin repeat domain 9
ENSP00000250405	-5	Apoptosis regulator Bcl-W
ENSP00000259043	-18.8	Arginine/serine-rich splicing factor 10
ENSP00000306788	-3.7	ARL-6 interacting protein-1
ENSP00000294742	-5.9	ARP2/3 complex 16 kDa subunit
ENSP00000253720	-8.4	Aspartyl protease 3
ENSP00000338718	-13.9	ataxin 2 related protein isoform A
ENSP00000329528	-5.2	ATP-DEPENDENT DNA HELICASE II
ENSP00000336880	-4	ATP-DEPENDENT DNA HELICASE II
ENSP00000310700	-61.2	ATP-DEPENDENT RNA HELICASE A
ENSP00000345385	-8	ATP-dependent RNA helicase A
ENSP00000244357	-11.9	ATP-dependent RNA helicase DDX3X
ENSP00000263322	-3.9	Autophagy protein 5-like
ENSP00000343809	-29.8	Basigin precursor
ENSP00000307105	-5	BASIGIN PRECURSOR
ENSP00000331318	-35.5	B-cell receptor-associated protein 31
ENSP00000239215	-7.9	BCL2/adenovirus E1B 19-kDa protein-interacting protein 1
ENSP00000222547	-12.9	BET1 homolog
ENSP00000307971	-5	Beta-1,3-N-acetylglucosaminyltransferase radical fringe
ENSP00000199168	-5.8	Beta-1,4-galactosyltransferase 1

Table S1

ID	log(e)	Description
ENSP00000299918	-3.9	BETA-2-MICROGLOBULIN PRECURSOR
ENSP00000263817	-4	Bile salt export pump
ENSP00000338051	-21.2	blocked early in transport 1 homolog (S. cerevisiae) like
ENSP00000330458	-7.9	BRI3-binding protein
ENSP00000304499	-5.1	Bromodomain-containing protein 4
ENSP00000298708	-3.7	butyrophilin-like 9
ENSP00000342414	-4.2	Cadherin EGF LAG seven-pass G-type receptor 1 precursor
ENSP00000342746	-8.2	Cadherin-24 precursor
ENSP00000335632	-24.8	Calcium-binding protein p22
ENSP00000247461	-121.3	CALNEXIN PRECURSOR
ENSP00000320866	-32	CALRETICULIN PRECURSOR
ENSP00000207636	-48.1	Catechol O-methyltransferase, membrane-bound form
ENSP00000000412	-15.4	Cation-dependent mannose-6-phosphate receptor precursor
ENSP00000297284	-39.1	Cation-independent mannose-6-phosphate receptor precursor
ENSP00000221232	-13	CCR4-NOT transcription complex, subunit 3
ENSP00000257857	-5.1	CD63 antigen
ENSP00000337669	-5.8	Cell division control protein 42 homolog
ENSP00000264036	-4.2	Cell surface glycoprotein MUC18 precursor
ENSP00000262450	-4.2	chromodomain helicase DNA binding protein 5
ENSP00000300291	-5	cleavage and polyadenylation specific factor 5, 25 kD subunit
ENSP00000311365	-11.4	CLLL6 protein
ENSP00000293618	-3.2	c-Mpl binding protein isoform b
ENSP00000309629	-9.3	COFILIN, NON-MUSCLE ISOFORM
ENSP00000322887	-6.4	COLD-INDUCIBLE RNA-BINDING PROTEIN
ENSP00000266590	-10.7	COLLAGEN ALPHA 1
ENSP00000243222	-4.1	Collagen alpha 1(X) chain precursor
ENSP00000343390	-17.5	Collagen-binding protein 2 precursor
ENSP00000262225	-7.3	Cop-coated vesicle membrane protein p24 precursor
ENSP00000312089	-4.5	C-type lectin
ENSP00000276932	-3.4	Cyclin-dependent kinase 4 inhibitor A
ENSP00000282018	-3.5	Cysteinyl leukotriene receptor 2
ENSP00000308430	-11.5	Cytochrome b5 outer mitochondrial membrane isoform precursor
ENSP00000264278	-3.3	cytochrome P450
ENSP00000252059	-5.2	Cytochrome P450 2C8
ENSP00000003100	-5.6	Cytochrome P450 51A1
ENSP00000264452	-10.8	DB83 protein
ENSP00000265177	-4.9	DC2 PROTEIN
ENSP00000345198	-4.9	DEAD-box protein 52
ENSP00000345979	-4	Death-associated protein kinase 1
ENSP00000284061	-3.4	Diacylglycerol kinase, epsilon
ENSP00000279550	-11.4	DNA-BINDING PROTEIN A
ENSP00000254322	-5.2	DnaJ homolog subfamily B member 1
ENSP00000277926	-8.3	DnaJ homolog subfamily B member 12
ENSP00000262887	-3.2	DNA-REPAIR PROTEIN XRCC1
ENSP00000001585	-4.2	Dolichol-phosphate mannosyltransferase
ENSP00000327085	-4.3	Dolichol-phosphate mannosyltransferase subunit 3
ENSP00000235894	-45.5	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa
ENSP00000296255	-53.6	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa
ENSP00000345638	-3.5	dudulin 2
ENSP00000331381	-10.2	E2a-Pbx1-associated protein

Table S1

ID	log(e)	Description
ENSP00000265495	-3.7	E74-like factor 2(ets domain transcription factor)
ENSP00000243924	-12.3	Elafin precursor
ENSP00000345111	-5.1	ELAV-like protein 1
ENSP00000217182	-4	Elongation factor -alpha 2
ENSP00000307940	-15	Elongation factor 2
ENSP00000218240	-11.6	Emerin
ENSP00000261735	-31.6	Endoplasmic reticulum protein ERp29 precursor
ENSP00000299767	-152	Endoplasmin precursor
ENSP00000343602	-26.3	Enhancer of rudimentary homolog
ENSP00000328313	-8.2	Ephrin type-B receptor 4 precursor
ENSP00000251047	-12.8	ERGIC-53 protein precursor
ENSP00000256216	-12.9	ESTRADIOL 17 BETA-DEHYDROGENASE 4
ENSP00000287604	-3.7	Eukaryotic initiation factor 4A-II
ENSP00000269349	-5.4	Eukaryotic initiation factor 4A-LIKE NUK-34
ENSP00000317600	-18.8	Eukaryotic translation initiation factor 4 gamma 1
ENSP00000338934	-17.1	Ezrin
ENSP00000250498	-16.1	f40s
ENSP00000304567	-7.3	Far upstream element binding protein 1
ENSP00000201886	-106	Far upstream element binding protein 2
ENSP00000321951	-3.7	Fas apoptotic inhibitory molecule 2
ENSP00000263258	-7.6	Ferritin light chain
ENSP00000336752	-3.7	FIP1-like 1
ENSP00000310935	-3.7	FK506-binding protein 2 precursor
ENSP00000342691	-4.9	Folate transporter 1
ENSP00000335655	-3.6	formin-like 3 isoform 1
ENSP00000307633	-27.5	Fragile X mental retardation syndrome related protein 1
ENSP00000320187	-4.2	FRUCTOSE-BISPHOSPHATE ALDOLASE A
ENSP00000334952	-4.7	G protein-coupled receptor 125
ENSP00000007699	-19.5	GERM CELL SPECIFIC Y-BOX BINDING PROTEIN
ENSP00000311031	-3	Glomulin (FKBP-associated protein)
ENSP00000340736	-16.7	Glycogenin-1
ENSP00000330537	-15.2	Glycoprotein 25L2 precursor
ENSP00000339183	-3.1	Golgi apparatus protein 1 precursor
ENSP00000343700	-15.3	Golgi autoantigen, golgin subfamily A member 5
ENSP00000340329	-41	GPI-anchored protein p137
ENSP00000257845	-16.9	GPI-anchored protein p137
ENSP00000283303	-4.1	G-protein coupled receptor 115
ENSP00000274821	-7.1	Guanine nucleotide-binding protein beta subunit-like protein 12.3
ENSP00000343629	-28.6	HBxAg transactivated protein 2
ENSP00000248553	-29.6	HEAT SHOCK 27 KDA PROTEIN
ENSP00000259871	-6.2	HEAT SHOCK 70 KDA PROTEIN 1-HOM
ENSP00000227378	-86.9	HEAT SHOCK COGNATE 71 KDA PROTEIN
ENSP00000278904	-71.3	HEAT SHOCK COGNATE 71 KDA PROTEIN
ENSP00000325875	-18	HEAT SHOCK PROTEIN HSP 90-beta
ENSP00000292905	-27.9	HEMOGLOBIN GAMMA-A AND GAMMA-G CHAINS
ENSP00000327431	-26.1	HEMOGLOBIN GAMMA-A AND GAMMA-G CHAINS
ENSP00000338082	-25.1	HEMOGLOBIN GAMMA-A AND GAMMA-G CHAINS
ENSP00000292896	-20.9	HEMOGLOBIN GAMMA-A AND GAMMA-G CHAINS
ENSP00000292899	-7.4	HEMOGLOBIN GAMMA-A AND GAMMA-G CHAINS
ENSP00000252951	-9.6	HEMOGLOBIN ZETA CHAIN

ID	log(e)	Description
ENSP00000256644	-11.6	Hepatitis B virus X interacting protein
ENSP00000306370	-14.7	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN A/B
ENSP00000302894	-3.1	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN A3
ENSP00000235360	-18.9	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN C-LIKE
ENSP00000313327	-14	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN D0
ENSP00000313199	-6.2	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN D0
ENSP00000339425	-5.4	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN D-like
ENSP00000338477	-30.8	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN F
ENSP00000276230	-13.8	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN G
ENSP00000327539	-58.7	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN H
ENSP00000340480	-18.8	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN H3
ENSP00000265866	-5.2	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN H3
ENSP00000221419	-3.3	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN L
ENSP00000325732	-121	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M
ENSP00000325376	-4.6	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN M
ENSP00000304405	-14.4	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN R (HNRNP R).
ENSP00000336601	-57.5	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEINS A2/B1
ENSP00000265397	-35.4	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEINS A2/B1
ENSP00000319690	-42.6	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEINS C1/C2
ENSP00000283179	-46.8	HETEROGENEOUS NUCLEAR RIBONUCLEOPROTEIN U
ENSP00000294415	-8.4	High-glucose-regulated protein 8
ENSP00000244573	-9.5	HISTONE H1.1
ENSP00000339566	-29.7	HISTONE H1.2
ENSP00000307705	-47.1	HISTONE H1.4
ENSP00000341214	-5.6	HISTONE H1t
ENSP00000329662	-10.1	HISTONE H1X
ENSP00000332682	-17.4	HISTONE H2A.E
ENSP00000328644	-8.7	HISTONE H2A.O
ENSP00000335813	-25.9	HISTONE H2B.J
ENSP00000339579	-19.8	HISTONE H2B.q
ENSP00000328081	-27.5	HISTONE H4
ENSP00000231512	-4.7	HTGN29 protein; keratinocytes associated transmembrane protein 2
ENSP00000304440	-3.3	Hyaluronan synthase 3
ENSP00000257696	-8.1	Hypoxia-inducible protein 2
ENSP00000244359	-4.8	HZFw1 protein isoform 1
ENSP00000290341	-78.7	IGF-II MRNA-BINDING PROTEIN 1
ENSP00000320204	-16	IGF-II mRNA-binding protein 2
ENSP00000258729	-22.4	IGF-II mRNA-binding protein 3
ENSP00000345214	-3.4	insulin receptor substrate 4
ENSP00000303351	-19.8	INTEGRIN BETA-1 PRECURSOR
ENSP00000298902	-7	Interferon-alpha induced 11.5 kDa protein
ENSP00000327996	-10.6	Interferon-induced transmembrane protein 2
ENSP00000214869	-3	interleukin 1 receptor-like 1 ligand precursor;
ENSP00000256887	-3	interleukin 15 receptor
ENSP00000271939	-13.3	Interleukin enhancer-binding factor 2
ENSP00000250241	-18	Interleukin enhancer-binding factor 3
ENSP00000218126	-7.9	Intestinal membrane A4 protein
ENSP00000334083	-59.4	Kinectin
ENSP00000231751	-5.8	LACTOTRANSFERRIN PRECURSOR (LACTOFERRIN)
ENSP00000292302	-6.9	Lamin A/C (70 kDa lamin)

Table S1

ID	log(e)	Description
ENSP00000261366	-8.6	Lamin B1
ENSP00000252999	-8	Laminin alpha-5 chain precursor
ENSP00000334361	-3.2	LAR protein precursor
ENSP00000265204	-44.5	Late endosomal/lysosomal Mp1 interacting protein (p14)
ENSP00000296388	-4.7	leucine proline-enriched proteoglycan
ENSP00000306821	-8.8	Leukosialin precursor
ENSP00000307314	-10	low density lipoprotein-related protein 1B
ENSP00000272748	-10.6	Lunapark
ENSP00000338235	-21.8	LYRIC/3D3; astrocyte elevated gene-1
ENSP00000238386	-3.6	Lysophosphatidic acid receptor Edg-2
ENSP00000219345	-3.1	Lysopholipase 3
ENSP00000265598	-3	lysosomal-associated membrane protein 3
ENSP00000333298	-18.3	lysosome-associated membrane glycoprotein 1 precursor
ENSP00000200639	-4.9	lysosome-associated membrane glycoprotein 2 precursor
ENSP00000294361	-13.4	Mago nashi protein homolog
ENSP00000339996	-4.5	Major prion protein precursor
ENSP00000233616	-32.6	Mannosyl-oligosaccharide glucosidase
ENSP00000338208	-40	Matrin 3
ENSP00000215129	-9	Melanoma-Associated Antigen B2
ENSP00000217971	-31.2	Membrane associated progesterone receptor component 1
ENSP00000296425	-40	Membrane associated progesterone receptor component 2
ENSP00000218388	-4	Metalloproteinase inhibitor 1 precursor
ENSP00000268220	-19.5	Microsomal signal peptidase 18 kDa subunit
ENSP00000264597	-9.4	Microsomal signal peptidase 23 kDa subunit
ENSP00000263672	-19.8	Microsomal signal peptidase 25 kDa subunit
ENSP00000305246	-38	Microtubule-associated protein 4
ENSP00000251742	-3.8	Midasin
ENSP00000275995	-13.5	MOESIN (MEMBRANE-ORGANIZING EXTENSION SPIKE PROTEIN)
ENSP00000274551	-4.2	MOKA isoform a
ENSP00000254718	-6.7	MYB BINDING PROTEIN 1A
ENSP00000319350	-3.6	Myocyte-specific enhancer factor 2C
ENSP00000314032	-3.7	Myosin IXb
ENSP00000345741	-12	NADH-cytochrome b5 reductase
ENSP00000315255	-5.5	NADP-dependent malic enzyme, mitochondrial precursor
ENSP00000265302	-4	NADPH-cytochrome P450 reductase
ENSP00000261221	-5.2	netrin 4; beta-netrin
ENSP00000342270	-5.1	Neurogenic locus notch homolog protein 1 precursor
ENSP00000228327	-5.2	neuron navigator 3
ENSP00000292212	-3.7	Neuronal acetylcholine receptor protein
ENSP00000303623	-9.9	NEUTRAL AMINO ACID TRANSPORTER B(0) (ATB(0))
ENSP00000342773	-9.6	Nicastrin precursor
ENSP00000341730	-51.9	No description
ENSP00000261700	-43.3	No description
ENSP00000344719	-43.2	No description
ENSP00000228506	-38.7	No description
ENSP00000267113	-38.3	No description
ENSP00000278671	-29.8	No description
ENSP00000314776	-29.2	No description
ENSP00000340235	-24.8	No description
ENSP00000316411	-21.9	No description

ID	log(e)	Description
ENSP00000329307	-17.6	No description
ENSP00000345308	-17.5	No description
ENSP00000251527	-17.1	No description
ENSP00000339841	-16.7	No description
ENSP00000273986	-15.4	No description
ENSP00000227525	-15.3	No description
ENSP00000259229	-15.1	No description
ENSP00000302331	-14.4	No description
ENSP00000343513	-14.1	No description
ENSP00000344686	-13.2	No description
ENSP00000315954	-12.8	No description
ENSP00000319240	-12.3	No description
ENSP00000238831	-11.6	No description
ENSP00000303992	-11.4	No description
ENSP00000342495	-11.4	No description
ENSP00000345875	-11.3	No description
ENSP00000333255	-11	No description
ENSP00000340058	-11	No description
ENSP00000344777	-10.5	No description
ENSP00000225972	-10.3	No description
ENSP00000254689	-10.3	No description
ENSP00000333488	-10	No description
ENSP00000271981	-9.6	No description
ENSP00000322544	-9.2	No description
ENSP00000264214	-8.8	No description
ENSP00000296666	-8.3	No description
ENSP00000304033	-8.3	No description
ENSP00000287144	-8.2	No description
ENSP00000264993	-7.8	No description
ENSP00000339069	-7.8	No description
ENSP00000299608	-7.4	No description
ENSP00000341221	-7.4	No description
ENSP00000341245	-7.4	No description
ENSP00000327522	-7.3	No description
ENSP00000339174	-7.3	No description
ENSP00000339352	-6.5	No description
ENSP00000262605	-6.2	No description
ENSP00000262932	-6	No description
ENSP00000215798	-5.9	No description
ENSP00000264702	-5.9	No description
ENSP00000318415	-5.9	No description
ENSP00000297591	-5.4	No description
ENSP00000346029	-5.4	No description
ENSP00000223073	-5.3	No description
ENSP00000246117	-5.3	No description
ENSP00000340469	-5.2	No description
ENSP00000330326	-5.1	No description
ENSP00000321848	-4.9	No description
ENSP00000339049	-4.8	No description
ENSP00000344232	-4.7	No description

ID	log(e)	Description
ENSP00000345993	-4.7	No description
ENSP00000302288	-4.6	No description
ENSP00000328695	-4.5	No description
ENSP00000311687	-4.4	No description
ENSP00000313788	-4.4	No description
ENSP00000320228	-4.4	No description
ENSP00000341285	-4.4	No description
ENSP00000202834	-4.3	No description
ENSP00000282276	-4.3	No description
ENSP00000292114	-4.3	No description
ENSP00000345649	-4.2	No description
ENSP00000308727	-4.1	No description
ENSP00000342902	-4	No description
ENSP00000343105	-4	No description
ENSP00000344387	-3.8	No description
ENSP00000311480	-3.7	No description
ENSP00000322300	-3.6	No description
ENSP00000344965	-3.6	No description
ENSP00000278914	-3.5	No description
ENSP00000252814	-3.4	No description
ENSP00000327693	-3.4	No description
ENSP00000260008	-3.3	No description
ENSP00000266091	-3.3	No description
ENSP00000332612	-3.3	No description
ENSP00000301405	-3.2	No description
ENSP00000343410	-3.2	No description
ENSP00000262559	-3.1	No description
ENSP00000275358	-3.1	No description
ENSP00000222124	-3	No description
ENSP00000267974	-3.4	Nuclear receptor coactivator 2
ENSP00000201955	-3.1	Nuclear receptor coactivator 6
ENSP00000163282	-26.1	NUCLEASE SENSITIVE ELEMENT BINDING PROTEIN 1
ENSP00000277806	-54.1	NUCLEOLAR RNA HELICASE II
ENSP00000318195	-151.2	NUCLEOLIN
ENSP00000254508	-12.5	NUCLEOPORIN 210
ENSP00000296301	-11.7	NUCLEOSTEMIN
ENSP00000277010	-10	opioid receptor, sigma 1 isoform 1
ENSP00000243045	-15.4	ORMDL2
ENSP00000333790	-5	P3 protein
ENSP00000271011	-13.7	PAI-1 mRNA-binding protein
ENSP00000340081	-8.5	Peptidyl-prolyl cis-trans isomerase A
ENSP00000300026	-53.1	Peptidyl-prolyl cis-trans isomerase B precursor
ENSP00000291695	-3.3	Pericentrin 2
ENSP00000262746	-9.5	Peroxiredoxin 1
ENSP00000319964	-52.1	Peroxiredoxin 4
ENSP00000270774	-9.6	Peroxisomal membrane protein PEX14
ENSP00000244546	-3.2	Peroxisome assembly factor-2
ENSP00000278070	-4.8	PGC-1 related co-activator
ENSP00000266061	-23.8	phosphatidylinositol 4-kinase type II
ENSP00000339231	-5.8	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P

Table S1

ID	log(e)	Description
ENSP00000339382	-4	Phosphatidylinositol-glycan biosynthesis
ENSP00000216832	-3.5	pinin, desmosome associated protein
ENSP00000343599	-5.3	Plasma membrane calcium-transporting ATPase 1
ENSP00000216727	-28.3	poly(A) binding protein, nuclear 1
ENSP00000305556	-12.8	POLY(RC)-BINDING PROTEIN 1
ENSP00000328350	-3.7	POLY(RC)-BINDING PROTEIN 3
ENSP00000174661	-204	POLYADENYLATE-BINDING PROTEIN 1
ENSP00000204732	-108.1	POLYADENYLATE-BINDING PROTEIN 4
ENSP00000316578	-9.4	Polycomb protein SUZ12
ENSP00000289672	-3.7	Polycystic kidney disease 1-like 1 protein
ENSP00000241436	-4.2	polymerase (DNA directed) kappa
ENSP00000261482	-20	Polyposis locus protein 1
ENSP00000233596	-12.3	polyposis locus protein 1-like 1
ENSP00000321725	-3	Polypyrimidine tract-binding protein 1
ENSP00000314744	-18.4	Potentail helicase MOV-10
ENSP00000277940	-6.9	PROACTIVATOR POLYPEPTIDE PRECURSOR
ENSP00000264018	-7.5	Probable ATP-dependent RNA helicase p54
ENSP00000327214	-13.4	Probable cation-transporting ATPase 1
ENSP00000327875	-3.7	Probable G protein-coupled receptor GPR92
ENSP00000225792	-38.9	Probable RNA-DEPENDENT HELICASE P68
ENSP00000236051	-3.6	Probable RRNA PROCESSING PROTEIN EBP2
ENSP00000287295	-4.2	Programmed cell death protein 8, mitochondrial precursor
ENSP00000300408	-3.8	PROHIBITIN
ENSP00000323036	-3.2	Prostatic acid phosphatase precursor
ENSP00000252033	-9.3	Protein C20orf116 precursor
ENSP00000229563	-11.8	Protein C6orf53
ENSP00000297533	-4.1	Protein C7orf21
ENSP00000300289	-21.3	PROTEIN DISULFIDE ISOMERASE A3 PRECURSOR
ENSP00000286091	-75.3	PROTEIN DISULFIDE ISOMERASE A4 PRECURSOR
ENSP00000272227	-33.3	PROTEIN DISULFIDE ISOMERASE A6 PRECURSOR
ENSP00000261942	-5.6	protein expressed in T-cells and eosinophils in atopic dermatitis
ENSP00000222764	-22.3	Protein FAM3C precursor
ENSP00000342841	-5.5	Protein FAM3C precursor
ENSP00000252455	-17.3	Protein kinase C substrate
ENSP00000287667	-21.2	Protein pM5 precursor
ENSP00000262544	-22.6	Protein transport protein Sec23B
ENSP00000343405	-8.2	Protein transport protein Sec24C
ENSP00000223641	-8	Protein transport protein SEC61 beta subunit
ENSP00000254768	-15.2	Protein transport protein SEC61 gamma subunit
ENSP00000342242	-3.3	Protein tyrosine kinase 2 beta (EC 2.7.1.112) (Focal adhesion kinase 2)
ENSP00000344082	-4	Protein-tyrosine phosphatase
ENSP00000332060	-5.7	Protocadherin 9 precursor
ENSP00000285193	-5.1	Putative mucin core protein 24 precursor
ENSP00000289577	-5.9	putative NFkB activating protein HNFL
ENSP00000261811	-6.5	putative nuclear protein ORF1-FL49
ENSP00000305119	-4.5	PUTATIVE POLYCOMB GROUP PROTEIN ASXL1
ENSP00000336741	-5.6	Putative pre-mRNA splicing factor RNA helicase
ENSP00000286494	-3.6	RAC/CDC42 exchange factor isoform 2
ENSP00000299851	-9.4	Ral guanine nucleotide dissociation stimulator-like 2
ENSP00000264710	-44.1	Ras-related protein Rab-10

ID	log(e)	Description
ENSP00000261890	-56.2	Ras-related protein Rab-11A
ENSP00000238339	-22.9	Ras-related protein Rab-14
ENSP00000265946	-31.3	Ras-related protein Rab-18
ENSP00000260638	-32.1	Ras-related protein Rab-1A
ENSP00000310226	-36	Ras-related protein Rab-1B
ENSP00000261263	-7	Ras-related protein Rab-21
ENSP00000337761	-17.9	Ras-related protein Rab-27A
ENSP00000262646	-41.3	Ras-related protein Rab-2A
ENSP00000229340	-15.6	Ras-related protein Rab-35
ENSP00000341354	-4.2	Ras-related protein Rab-37
ENSP00000286430	-3.7	Ras-related protein Rab-39B
ENSP00000273047	-20.2	Ras-related protein Rab-5A
ENSP00000229138	-15.8	Ras-related protein Rab-5B
ENSP00000225917	-38.7	Ras-related protein Rab-5C
ENSP00000311449	-33.4	Ras-related protein Rab-6A
ENSP00000265062	-56.8	Ras-related protein Rab-7
ENSP00000300935	-29.6	Ras-related protein Rab-8
ENSP00000293677	-10.8	RAVER1
ENSP00000326980	-3.1	RCC1-LIKE
ENSP00000273064	-3.2	RCD1 required for cell differentiation1 homolog
ENSP00000263698	-3.5	REPLICATION PROTEIN A 32 KDA SUBUNIT
ENSP00000337838	-5.3	Reticulon 4
ENSP00000322147	-3.1	Reticulon 4
ENSP00000342703	-6	Reticulon protein 3
ENSP00000344106	-5.1	Reticulon protein 3
ENSP00000177432	-7.2	Retinol dehydrogenase 11
ENSP00000276297	-10.4	Rho-GTPase-activating protein 7
ENSP00000298283	-5.3	ribosomal protein L10-like protein
ENSP00000254105	-16	RNA-binding protein 8A
ENSP00000330896	-5.2	RNA-binding protein EWS
ENSP00000344581	-3.4	RNA-binding region containing protein 2
ENSP00000217086	-4.9	Sal-like protein 4
ENSP00000292123	-10.6	Scaffold attachment factor B
ENSP00000261693	-4.2	Scavenger receptor class B member 1
ENSP00000342940	-7.5	Secretory carrier-associated membrane protein 1
ENSP00000268099	-3.4	Secretory carrier-associated membrane protein 2
ENSP00000235157	-10.8	Secretory carrier-associated membrane protein 3
ENSP00000307275	-6.8	Secretory carrier-associated membrane protein 3
ENSP00000333956	-9.8	Selenoprotein V
ENSP00000238274	-3.5	SET protein
ENSP00000339450	-20.9	SFRS protein kinase 1
ENSP00000311101	-6.5	Signal recognition particle 72 kDa protein
ENSP00000305230	-3	Signal recognition particle 9 kDa protein
ENSP00000333885	-7.5	Signal recognition particle receptor alpha subunit
ENSP00000273406	-33	Signal recognition particle receptor beta subunit
ENSP00000333292	-3.6	Similar to spinster-like protein
ENSP00000333656	-3.9	single Ig IL-1R-related molecule
ENSP00000336639	-5.3	Small nuclear ribonucleoprotein associated protein N
ENSP00000323219	-5.9	Small nuclear ribonucleoprotein E
ENSP00000343440	-6.7	Small nuclear ribonucleoprotein F

ID	log(e)	Description
ENSP00000272348	-8.1	Small nuclear ribonucleoprotein G
ENSP00000215829	-6.6	Small nuclear ribonucleoprotein SM D3
ENSP00000253122	-3.7	Sodium- and chloride-dependent creatine transporter 1
ENSP00000283254	-3.7	Sodium channel protein type II alpha subunit
ENSP00000270929	-6.1	Solute carrier family 2
ENSP00000256637	-8.9	Sortilin precursor (Glycoprotein 95) (Gp95)
ENSP00000260197	-4	sortilin-related receptor precursor
ENSP00000301740	-6.1	splicing coactivator subunit SRm300
ENSP00000244020	-13.6	Splicing factor
ENSP00000215793	-4.1	Splicing factor, 3 subunit 1
ENSP00000258962	-30	Splicing factor, arginine/serine-rich 1
ENSP00000344762	-12.2	Splicing factor, arginine/serine-rich 3
ENSP00000234982	-4.8	Splicing factor, arginine/serine-rich 4
ENSP00000216538	-10.8	Splicing factor, arginine/serine-rich 5
ENSP00000263920	-6.7	Splicing factor, arginine/serine-rich 7
ENSP00000229390	-9.1	Splicing factor, arginine/serine-rich 9
ENSP00000263532	-24.8	Splicing factor, proline-and glutamine-rich
ENSP00000310448	-4.1	SQUAMOUS CELL CARCINOMA ANTIGEN RECOGNIZED BY T CELLS 1
ENSP00000345428	-11	staphylococcal nuclease domain containing 1
ENSP00000219439	-3.3	steroid dehydrogenase-like
ENSP00000300737	-19.7	Stromal interaction molecule 1 precursor
ENSP00000341382	-4.4	Structural maintenance of chromosomes 4-like 1 protein
ENSP00000277359	-6.5	SURFEIT LOCUS PROTEIN 4
ENSP00000286448	-22.4	Synaptobrevin-like protein 1
ENSP00000332287	-3.3	Synaptogyrin 1
ENSP00000225777	-23.2	Synaptogyrin 2
ENSP00000011473	-3.2	Synaptophysin-like proein isoform A
ENSP00000207062	-12.2	Synaptosomal-associated protein 23
ENSP00000215730	-39.6	Synaptosomal-associated protein 29
ENSP00000257768	-22	synaptotagmin binding, cytoplasmic RNA interacting protein
ENSP00000336824	-3.9	Synaptotagmin XII
ENSP00000236419	-36.5	syntaxin 12
ENSP00000300150	-5.2	Syntaxin 3
ENSP00000258301	-13.2	Syntaxin 6
ENSP00000309600	-36.3	Syntaxin 7
ENSP00000305255	-15.3	Syntaxin 8
ENSP00000331791	-6.1	T-box transcription factor TBX1
ENSP00000239654	-4.1	testis expressed sequence 11
ENSP00000223136	-8.9	Tetratricopeptide repeat protein 11
ENSP00000267434	-24.9	thioredoxin domain containing
ENSP00000262455	-36	Thioredoxin domain containing protein 4 precursor
ENSP00000336896	-22.1	Thioredoxin domain containing protein 5 precursor
ENSP00000246024	-8.3	Thioredoxin-like protein KIAA1162 precursor
ENSP00000261210	-8.5	Thymopoietin, isoforms beta/gamma
ENSP00000266732	-3.4	Thymopoietin, isoforms beta/gamma
ENSP00000335929	-3.2	Thyroid receptor interacting protein 8
ENSP00000343764	-4.7	titin isoform novex-3
ENSP00000286104	-4.4	titin isoform novex-3
ENSP00000325876	-3.3	Transcription factor 4
ENSP00000265238	-193.3	Transferrin receptor protein 1

Table S1

ID	log(e)	Description
ENSP00000297071	-11.2	Transformer-2 protein homolog
ENSP00000298001	-17.1	Transitional endoplasmic reticulum ATPase
ENSP00000337688	-16.5	translocation protein 1
ENSP00000317331	-36.6	Translocon-associated protein
ENSP00000244763	-8.8	Translocon-associated protein
ENSP00000265044	-8.4	Translocon-associated protein
ENSP00000317000	-5.8	Transmembrane 6 superfamily member 1
ENSP00000263947	-10.4	Transmembrane protein 9 precursor
ENSP00000303145	-14.3	Transmembrane protein Tmp21 precursor
ENSP00000290230	-5.6	TRIFUNCTIONAL PURINE BIOSYNTHETIC PROTEIN ADENOSINE-3
ENSP00000309663	-78.5	TUBULIN ALPHA-1 CHAIN
ENSP00000248437	-58.5	TUBULIN ALPHA-4 CHAIN
ENSP00000322707	-14.3	TUBULIN ALPHA-6 CHAIN
ENSP00000259799	-67.5	TUBULIN BETA-2 CHAIN
ENSP00000259925	-106	TUBULIN BETA-5 CHAIN
ENSP00000264071	-69.4	TUBULIN BETA-5 CHAIN
ENSP00000238949	-3.5	Tumor necrosis factor receptor superfamily member 6 precursor
ENSP00000343554	-10.7	Tumor protein D54
ENSP00000221267	-11.4	Ubiquitin
ENSP00000344818	-4.1	Ubiquitin
ENSP00000344999	-10	ubiquitin associated protein 2 isoform 1
ENSP00000219473	-5.2	Ubiquitin carboxyl-terminal hydrolase 10
ENSP00000340540	-3.7	Ubiquitin carboxyl-terminal hydrolase 44
ENSP00000331384	-5.5	Ubiquitin-conjugating enzyme E2 G2
ENSP00000263897	-3.1	uncharacterized hematopoietic stem/progenitor cells protein MDS032
ENSP00000284471	-3	UNQ6077 protein
ENSP00000329757	-9	Vacuolar ATP synthase 16 kDa proteolipid subunit
ENSP00000249289	-14.9	Vacuolar ATP synthase subunit F
ENSP00000249837	-4.7	vacuolar protein sorting 13C protein
ENSP00000264649	-5.7	Vacuolar proton translocating ATPase 116 kDa subunit a isoform 1
ENSP00000286336	-27.8	vesicle trafficking protein sec22b
ENSP00000281221	-13.7	Vesicle transport through interaction with t-SNAREs homolog 1A
ENSP00000216456	-5.2	Vesicle transport through interaction with t-SNAREs homolog 1B
ENSP00000314214	-7.9	Vesicle-associated membrane protein 2
ENSP00000054666	-37.5	Vesicle-associated membrane protein 3
ENSP00000263864	-30	vesicle-associated membrane protein 8
ENSP00000217602	-40.5	vesicle-associated membrane protein A
ENSP00000265619	-43.8	Vesicle-associated membrane protein-associated protein B/C
ENSP00000225282	-5	Vesicle-fusing ATPase
ENSP00000303366	-10.1	Vesicular integral membrane protein VIP36 precursor
ENSP00000236192	-6.8	Vesicle-associated membrane protein 4
ENSP00000224237	-26.9	Vimentin
ENSP00000321618	-3.2	Voltage-dependent L-type calcium channel alpha-1F subunit
ENSP00000251289	-3.8	WD-repeat protein 18
ENSP00000244137	-3.9	Xaa-Pro dipeptidase
ENSP00000321650	-3	Zinc finger protein 384
ENSP00000294258	-5.2	zinc finger protein-like 1