SignalP	Up-regulated																					
Accession	Description	Symbol	mock.1.a0	mock.1.2.	mock.3.4.	s1Ha.1.a0	s1Ha.1.2.2	s1Ha.3.4.	Average_	Average_	St_Dv_a0	St_Dv_a1	MW_p_a1Hsv	IRK_p_a1Hs	Ratio_a1Hsvmock	p2_Ratio_a1Hsvmock	# ID	Prediction	OTHER	SPSec/SP	CS Position
Q80W15	Insulin-like growth factor-binding protein-like 1 OS=Mus musculus OX=10090 GN=igfbpl1 PE=2 SV=1 - [IBPL1_MOUSE]	Igfbpl1	0	0	0	12.98234	38.94703	12.98234	0	21.63724	0	14.99072	0.059346439	0.726531	only in a1H	only in a1H	sp | Q80W15 | IBPL1_MOUSE Insulin-like growth f	SP	0.000236	0.999762	CS pos: 17-18. Pr: 0.9742
P17515	C-X-C motif chemokine 10 OS=Mus musculus OX=10090 GN=Cxcl10 PE=1 SV=1 - [CXL10_MOUSE]	Cxcl10	0	0	0	258.2532	183.5638	103.5682	0	181.7951	0	77.35765	0.06360257	0.726531	only in a1H	only in a1H	sp | P17515 | CXL10_MOUSE C-X-C motif chemoki	SP	0.000217	0.999774	CS pos: 21-22. Pr: 0.9791
Q7TSK2	Seizure protein 6 OS=Mus musculus OX=10090 GN=Sez6 PE=1 SV=1 - [SEZ6_MOUSE]	Sez6	0	0	0	7.475158	11.98504	6.486733	0	8.648978	0	2.931081	0.06360257	0.726531	only in a1H	only in a1H	sp | Q7TSK2 | SEZ6_MOUSE Seizure protein 6 OS	SP	0.000246	0.999741	CS pos: 19-20. Pr: 0.9810
Q8CA71	Protein shisa-4 OS=Mus musculus OX=10090 GN=Shisa4 PE=1 SV=1 - [SHSA4_MOUSE] (transmembrane type I)	Shisa4	0	0	0	21.14701	31.32685	29.69037	0	27.38808	0	5.466507	0.06360257	0.726531	only in a1H	only in a1H	sp | Q8CA71 | SHSA4_MOUSE Protein shisa-4 OS	SP	0.00416	0.99581	CS pos: 27-28. Pr: 0.9726
Q920A5	Retinoid-inducible serine carboxypeptidase OS=Mus musculus OX=10090 GN=Scpep1 PE=1 SV=2 - [RISC_MOUSE]	Scpep1	0	0	0	6.420885	29.3508	32.0873	0	22.61966	0	14.09512	0.06360257	0.726531	only in a1H	only in a1H	sp | Q920A5 | RISC_MOUSE Retinoid-inducible serc	SP	0.000236	0.99975	CS pos: 26-27. Pr: 0.9802
P56542	Deoxyribonuclease-2-alpha OS=Mus musculus OX=10090 GN=Dnase2 PE=1 SV=1 - [DN32A_MOUSE]	Dnase2	35.28788	0	0	41.3507	52.35052	39.1946	11.76263	44.29861	20.37347	7.056002	0.0765225	0.726531	3.766047301	1.913051127	sp | P56542 | DN32A_MOUSE Deoxyribonuclease-2	SP	0.000245	0.999728	CS pos: 19-20. Pr: 0.9749
Q89023	Tripeptidyl-peptidase 1 OS=Mus musculus OX=10090 GN=Tpp1 PE=1 SV=2 - [TPP1_MOUSE]	Tpp1	0	41.77432	0	44.8507	50.3633	77.89286	13.92477	57.70228	24.11842	17.70146	0.0765225	0.726531	4.143857841	2.050974511	sp | Q89023 | TPP1_MOUSE Tripeptidyl-peptidase	SP	0.003063	0.99694	CS pos: 17-18. Pr: 0.8507
P15209	BDNF/NT-3 growth factors receptor OS=Mus musculus OX=10090 GN=Ntrk2 PE=1 SV=1 - [NTRK2_MOUSE]	Ntrk2	12.02166	0	0	18.90114	35.39006	18.09706	4.00722	24.12942	6.940709	9.760283	0.0765225	0.726531	6.021486191	2.590119609	sp | P15209 | NTRK2_MOUSE BDNF/NT-3 growth	SP	0.000251	0.999733	CS pos: 31-32. Pr: 0.9732
Q9WV13	Carboxypeptidase Q OS=Mus musculus OX=10090 GN=Cpq PE=1 SV=1 - [CBPQ_MOUSE]	Cpq	62.05399	52.58501	78.92291	110.4645	101.6488	80.08674	64.52064	97.40003	13.34108	15.62823	0	0.726531	1.509594977	0.594161527	sp | Q9WV13 | CBPQ_MOUSE Carboxypeptidase Q	SP	0.000249	0.999738	CS pos: 20-21. Pr: 0.5241
Q62356	Follistatin-related protein 1 OS=Mus musculus OX=10090 GN=Fstl1 PE=1 SV=2 - [FSTL1_MOUSE]	Fstl1	530.9893	997.9026	573.4909	955.2794	976.7522	639.6974	204.2909	867.2407	33.63261	188.7082	0	0.726531	1.511112862	0.595620009	sp | Q62356 | FSTL1_MOUSE Follistatin-related pro	SP	0.000247	0.999744	CS pos: 18-19. Pr: 0.7799
Q65SC2	N-acetylglucosamine-1-phosphotransferase subunit gamma OS=Mus musculus OX=10090 GN=Gnptg PE=1 SV=1 - [GNPTG_MOUSE]	Gnptg	89.90881	78.4309	86.85358	93.71248	156.6262	144.9621	85.06443	131.7669	5.944443	33.46819	0	0.726531	1.549025098	0.631360519	sp | Q65SC2 | GNPTG_MOUSE N-acetylglucosamine	SP	0.000367	0.999577	CS pos: 24-25. Pr: 0.9587
Q02596	Glycosylation-dependent cell adhesion molecule 1 OS=Mus musculus OX=10090 GN=Glycam1 PE=1 SV=1 - [GLCM1_MOUSE]	Glycam1	27.93073	31.48565	29.45492	42.20656	56.95391	39.47844	29.62377	46.21364	1.783964	9.402554	0	0.726531	1.560018883	0.641563492	sp | Q02596 | GLCM1_MOUSE Glycosylation-depen	SP	0.000273	0.999708	CS pos: 18-19. Pr: 0.9802
Q60963	Platelet-activating factor acetylhydrolase OS=Mus musculus OX=10090 GN=Pla2g7 PE=1 SV=2 - [PAFA_MOUSE]	Pla2g7	1044.265	712.3404	1212.37	1730.777	2088.166	1471.446	889.6245	1736.796	254.4482	268.4109	0	0.726531	1.754945118	0.811423914	sp | Q60963 | PAFA_MOUSE Platelet-activating fac	SP	0.000275	0.999707	CS pos: 21-22. Pr: 0.9788
Q61508	Extracellular matrix protein 1 OS=Mus musculus OX=10090 GN=Ecm1 PE=1 SV=2 - [ECM1_MOUSE]	Ecm1	110.6793	145.9486	134.3952	186.1087	240.8704	263.4847	130.341	230.1546	17.98074	39.78547	0	0.726531	1.765787585	0.82031805	sp | Q61508 | ECM1_MOUSE Extracellular matrix	SP	0.00023	0.999727	CS pos: 19-20. Pr: 0.9775
Q06890	Clusterin OS=Mus musculus OX=10090 GN=Clu PE=1 SV=1 - [CLUS_MOUSE]	Clu	1233.188	866.3148	1028.302	1729.528	2197.29	1598.35	1042.602	1841.723	183.839	314.838	0	0.726531	1.766468754	0.82086823	sp | Q06890 | CLUS_MOUSE Clusterin OS Mus mu	SP	0.000201	0.999763	CS pos: 21-22. Pr: 0.9764
P12025	Midkine OS=Mus musculus OX=10090 GN=Mdk PE=1 SV=2 - [MK_MOUSE]	Mdk	49.59616	46.0033	47.77464	52.03747	110.9206	91.12066	47.79137	84.6929	1.796491	29.96317	0	0.726531	1.772137983	0.82549094	sp | P12025 | MK_MOUSE Midkine OS Mus musc	SP	0.00022	0.999732	CS pos: 22-23. Pr: 0.9336
Q88531	Palmitoyl-protein thioesterase 1 OS=Mus musculus OX=10090 GN=Ppt1 PE=1 SV=2 - [PPT1_MOUSE]	Ppt1	42.40595	33.67399	42.73856	67.20281	75.4648	84.10818	39.5975	75.5257	5.134025	8.55294	0	0.726531	1.907238663	0.931483386	sp | Q88531 | PPT1_MOUSE Palmitoyl-protein thioe	SP	0.000432	0.999535	CS pos: 25-26. Pr: 0.8821
Q3TCN2	Putative phospholipase B-like 2 OS=Mus musculus OX=10090 GN=Plbd2 PE=1 SV=2 - [PLBL2_MOUSE]	Plbd2	30.13256	33.32039	20.57945	48.15503	63.19116	52.13629	28.0108	54.49416	6.630182	7.79044	0	0.726531	1.945469505	0.96011836	sp | Q3TCN2 | PLBL2_MOUSE Putative phospholip	SP	0.37617	0.623821	CS pos: 46-47. Pr: 0.5609
P29416	Beta-hexosaminidase subunit alpha OS=Mus musculus OX=10090 GN=Hexa PE=1 SV=2 - [HEXA_MOUSE]	Hexa	32.71059	20.26463	0	32.77882	56.33738	45.42872	20.99174	44.84831	18.22047	11.79	0	0.726531	2.136474074	1.09521181	sp | P29416 | HEXA_MOUSE Beta-hexosaminidase	SP	0.001212	0.998786	CS pos: 22-23. Pr: 0.9625
P01029	Complement C4-B OS=Mus musculus OX=10090 GN=C4b PE=1 SV=3 - [CO4B_MOUSE]	C4b	208.3802	129.7443	172.1111	468.3563	464.8039	228.4829	170.0786	387.2144	39.35733	137.477	0	0.726531	2.27679777	1.186931386	sp | P01029 | CO4B_MOUSE Complement C4-B OS	SP	0.000526	0.999335	CS pos: 19-20. Pr: 0.8284
P54754	Ephrin type-B receptor 3 OS=Mus musculus OX=10090 GN=Ephb3 PE=1 SV=2 - [EPHB3_MOUSE]	Ephb3	0	11.81574	11.2602	12.33507	25.0689	15.72126	7.691983	17.70538	6.067241	6.596763	0	0.726531	2.301796387	1.202760221	sp | P54754 | EPHB3_MOUSE Ephrin type-B recep	SP	0.000674	0.999293	CS pos: 29-30. Pr: 0.9532
P28798	Progranulin OS=Mus musculus OX=10090 GN=Grn PE=1 SV=2 - [GRN_MOUSE]	Grn	0	26.96737	25.44869	31.25419	77.31363	58.6413	17.47202	55.73637	15.15026	23.16672	0	0.726531	3.190035536	1.673572495	sp | P28798 | GRN_MOUSE Progranulin OS Mus m	SP	0.000203	0.999766	CS pos: 17-18. Pr: 0.9785
Q07797	Galectin-3-binding protein OS=Mus musculus OX=10090 GN=Lgals3bp PE=1 SV=1 - [LG3BP_MOUSE]	Lgals3bp	66.39048	37.96508	46.5399	1223.071	629.6656	221.5933	50.28499	691.4494	14.58068	503.589	0.1	0.726531	13.74680358	3.781024296	sp | Q07797 | LG3BP_MOUSE Galectin-3-binding pr	SP	0.000267	0.999698	CS pos: 18-19. Pr: 0.9805
Q8M488	Cathepsin O OS=Mus musculus OX=10090 GN=Ctso PE=2 SV=1 - [CATO_MOUSE]	Ctso	0	44.15519	0	32.35363	47.47421	51.76173	14.7184	43.86119	25.49301	10.1955	0.18403827	0.726531	2.980160754	1.275390154	sp | Q8M488 | CATO_MOUSE Cathepsin O OS Mu	SP	0.000233	0.999734	CS pos: 23-24. Pr: 0.8406
Q9EQ59	Immunoglobulin superfamily DCC subclass member 4 OS=Mus musculus OX=10090 GN=Igdcc4 PE=2 SV=1 - [IGDC4_MOUSE]	Igdcc4	16.13014	0	0	17.40247	12.30115	19.65734	5.376712	16.45365	9.312738	3.768766	0.18403827	0.726531	3.060170329	1.613611956	sp | Q9EQ59 | IGDC4_MOUSE Immunoglobulin sup	SP	0.000243	0.999733	CS pos: 22-23. Pr: 0.9786
Q88FP4	N-acetylglucosamine-6-sulfatase OS=Mus musculus OX=10090 GN=Gns PE=1 SV=1 - [GNS_MOUSE]	Gns	0	54.72263	100.3398	66.24121	42.49401	18.24088	69.6167	31.59413	29.07684	0.18403827	0.726531	3.820631767	1.933811217	sp | Q88FP4 | GNS_MOUSE N-acetylglucosamine-6-	SP	0.003548	0.996425	CS pos: 35-36. Pr: 0.6829
Q8K406	Leucine-rich repeat and fibronectin type III domain-containing protein 1 OS=Mus musculus OX=10090 GN=Lrfn1 PE=1 SV=1 - [LFN1_MOUSE]	Lrfn1	8.37706	0	0	13.90847	14.79941	6.784314	2.982251	11.83043	4.834562	4.393489	0.18403827	0.726531	4.238421284	2.083527183	sp | Q8K406 | LFN1_MOUSE Leucine-rich repeat and	SP	0.000288	0.999663	CS pos: 30-31. Pr: 0.9752
Q80V70	Multiple epidermal growth factor-like domains protein 6 OS=Mus musculus OX=10090 GN=Megf6 PE=2 SV=3 - [MEGF6_MOUSE]	Megf6	6.91223	0	0	3.595316	35.00779	7.03934	2.304077	15.21415	3.990728	17.22807	0.18403827	0.726531	6.603142561	2.723152794	sp | Q80V70 | MEGF6_MOUSE Multiple epidermal	SP	0.000276	0.999678	CS pos: 28-29. Pr: 0.8580
P01899	H-2 class I histocompatibility antigen, D-B alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=2 - [HA11_MOUSE]	H2-D1	0	0	0	196.5793	41.37884	0	0	79.31937	0	103.6362	0.19076502	0.726531	only in a1H	only in a1H	sp | P01899 | HA11_MOUSE H-2 class I histocomp	SP	0.000236	0.999763	CS pos: 24-25. Pr: 0.9742
P14426	H-2 class I histocompatibility antigen, D-B alpha chain OS=Mus musculus OX=10090 GN=H2-D1 PE=1 SV=1 - [HA13_MOUSE]	H2-D1	0	0	0	157.4297	66.82092	0	0	74.7502	0	79.01381	0.19076502	0.726531	only in a1H	only in a1H	sp | P14426 | HA13_MOUSE H-2 class I histocomp	SP	0.000236	0.999756	CS pos: 24-25. Pr: 0.9704
P14430	H-2 class I histocompatibility antigen, Q8 alpha chain OS=Mus musculus OX=10090 GN=H2-Q8 PE=1 SV=1 - [HA18_MOUSE]	H2-Q8	0	0	0	157.6168	67.29089	0	0	74.96922	0	79.08043	0.19076502	0.726531	only in a1H	only in a1H	sp | P14430 | HA18_MOUSE H-2 class I histocomp	SP	0.000207	0.999765	CS pos: 21-22. Pr: 0.9755
P54818	Galactocerebrosidase OS=Mus musculus OX=10090 GN=Galc PE=1 SV=2 - [GALC_MOUSE]	Galc	0	0	0	19.66505	12.55272	0	0	10.73926	0	9.957162	0.19076502	0.726531	only in a1H	only in a1H	sp | P54818 | GALC_MOUSE Galactocerebrosidase	SP	0.291583	0.708405	CS pos: 42-43. Pr: 0.6343
P80560	Receptor-type tyrosine-protein phosphatase N2 OS=Mus musculus OX=10090 GN=Ptprn2 PE=1 SV=2 - [PTPR2_MOUSE]	Ptprn2	0	0	0	13.40202	47.91387	0	0	20.43863	0	24.71983	0.19076502	0.726531	only in a1H	only in a1H	sp | P80560 | PTPR2_MOUSE Receptor-type tyrosi	SP	0.000304	0.99965	CS pos: 27-28. Pr: 0.9426
P97290	Plasma protease C1 inhibitor OS=Mus musculus OX=10090 GN=Serping1 PE=1 SV=3 - [IC1_MOUSE]	Serping1	0	0	0	23.89074	44.97258	0	0	22.95444	0	22.50091	0.19076502	0.726531	only in a1H	only in a1H	sp | P97290 | IC1_MOUSE Plasma protease C1 inh	SP	0.00022	0.999759	CS pos: 22-23. Pr: 0.9621
Q06335	Amyloid-like protein 2 OS=Mus musculus OX=10090 GN=Aplp2 PE=1 SV=4 - [APLP2_MOUSE]	Aplp2	0	0	0	11.01094	12.11531	0	0	7.708748	0	6.698769	0.19076502	0.726531	only in a1H	only in a1H	sp | Q06335 | APLP2_MOUSE Amyloid beta precur	SP	0.000341	0.999652	CS pos: 29-30. Pr: 0.9799
Q07113	Cation-independent mannose-6-phosphate receptor OS=Mus musculus OX=10090 GN=Igf2r PE=1 SV=1 - [MPRI_MOUSE]	Igf2r	0	0	32.0416	35.46713	0	0	0	22.50291	0	19.56321	0.19076502	0.726531	only in a1H	only in a1H	sp | Q07113 | MPRI_MOUSE Cation-independent m	SP	0.000246	0.999719	CS pos: 35-36. Pr: 0.9733
Q6VGU4	Neurosecretory protein VGF OS=Mus musculus OX=10090 GN=Vgf PE=1 SV=1 - [VGF_MOUSE]	Vgf	0	0	0	1600.5963	18.57863	0	0	7.394864	0	9.851812	0.19076502	0.726531	only in a1H	only in a1H	sp | Q6VGU4 | VGF_MOUSE Neurosecretory protei	SP	0.000209	0.999761	CS pos: 23-24. Pr: 0.9570
Q8P1D5	Seizure 6-like protein OS=Mus musculus OX=10090 GN=Sez6l PE=1 SV=1 - [SE6L1_MOUSE]	Sez6l	0	0	0	19.89843	9.33997	0	0	9.746135	0	9.955433	0.19076502	0.726531	only in a1H	only in a1H	sp | Q8P1D5 | SE6L1_MOUSE Seizure 6-like protei	SP	0.000348	0.999624	CS pos: 29-30. Pr: 0.9827
Q6PE55	Platelet-derived growth factor receptor-like protein OS=Mus musculus OX=10090 GN=Pdfrl PE=2 SV=1 - [PGFRL_MOUSE]	Pdfrl	0	0	0	51.90728	0	15.40028	0	22.43585	0	26.65925	0.19076502	0.726531	only in a1H	only in a1H	sp | Q6PE55 | PGFRL_MOUSE Platelet-derived gro	SP	0.000335	0.999627	CS pos: 21-22. Pr: 0.9517
Q7TMJ8	Phosphoinositide-3-kinase-interacting protein 1 OS=Mus musculus OX=10090 GN=Pik3ip1 PE=2 SV=1 - [PI3IP1_MOUSE]	Pik3ip1	0	0	0	161.7236	137.9743	0	0	99.8993	0	87.32646	0.19076502	0.726531	only in a1H	only in a1H	sp | Q7TMJ8 | PI3IP1_MOUSE Phosphoinositide-3-k	SP	0.00223	0.99973	CS pos: 21-22. Pr: 0.5600
Q8RV57	Soluble scavenger receptor cysteine-rich domain-containing protein SSC5D OS=Mus musculus OX=10090 GN=Scc5d PE=1 SV=1 - [SRCRL_MOUSE]	Scc5d	0	0	0	10.6785	7.859702	0	0	6.179399	0	5.533998	0.19076502	0.726531	only in a1H	only in a1H	sp | Q8RV57 | SRCRL_MOUSE Soluble scavenger re	SP	0.000353	0.999634	CS pos: 16-17. Pr: 0.9394
Q99N28	Cell adhesion molecule 3 OS=Mus musculus OX=10090 GN=Cadm3 PE=1 SV=1 - [CADM3_MOUSE]	Cadm3	0	0	0	55.01005	26.27684	0	0	27.09563	0	27.51416	0.19076502	0.726531	only in a1H	only in a1H	sp | Q99N28 | CADM3_MOUSE Cell adhesion mole	SP	0.000202	0.999759	CS pos: 22-23. Pr: 0.9742
Q9JHI0	Matrix metalloproteinase-19 OS=Mus musculus OX=10090 GN=Mmp19 PE=2 SV=1 - [MMP19_MOUSE]	Mmp19	0	0	0	0	17.79523	6.441925	0	8.079051	0	9.009865	0.19076502	0.726531	only in a1H	only in a1H	sp | Q9JHI0 | MMP19_MOUSE Matrix metalloprote	SP	0.000252	0.999736	CS pos: 18-19. Pr: 0.9810
Q9R069	Basal cell adhesion molecule OS=Mus musculus OX=10090 GN=Bcam PE=1 SV=1 - [BCAM_MOUSE]	Bcam	0	0	0	5.61765	4.014535	0	0	3.210728	0	2.8988	0.19076502	0.726531	only in a1H	only in a1H	sp | Q9R069 | BCAM_MOUSE Basal cell adhesion	SP	0.000241	0.999743	CS pos: 25-26. Pr: 0.9572
Q92024	Hephaestin OS=Mus musculus OX=10090 GN=Heph PE=1 SV=3 - [HEPH_MOUSE]	Heph	0	0	0	116.5035	349.5106	0	0	155.338	0	177.9621	0.19076502	0.726531	only in a1H	only in a1H	sp | Q92024 | HEPH_MOUSE Hephaestin OS Mus	SP	0.000199	0.999786	CS pos: 23-24. Pr: 0.9784
Q8R464	Cell adhesion molecule 4 OS=Mus musculus OX=10090 GN=Cadm4 PE=1 SV=1 - [CADM4_MOUSE]	Cadm4	307.5029	164.8382	162.2717	329.5348	412.1899	263.2003	211.5376	334.975	83.11828	74.64362	0.2	0.726531	1.583524537	0.663139223	sp | Q8R464 | CADM4_MOUSE Cell adhesion mole	SP	0.000256	0.999712	CS pos: 24-25. Pr: 0.9656
P13020	Gelsolin OS=Mus musculus OX=10090 GN=Gsn PE=1 SV=3 - [GELS_MOUSE]	Gsn	114.622	92.29418	85.36451	153.2429	200.177	110.6132	97.42689	154.6777	15.28916	44.79914	0.2	0.726531	1.587628279	0.66687574	sp | P13020 | GELS_MOUSE Gelsolin OS Mus musc	SP	0.000253	0.99972	CS pos: 25-26. Pr: 0.9753
P21460	Cystatin-C OS=Mus musculus OX=10090 GN=Cst3 PE=1 SV=2 - [CYTC_MOUSE]	Cst3	18514.83	8689.552	11893.64	25630.53	17958.93	14719.13	13032.68	21342.72	5010.695	5981.579	0.2	0.726531	1.637631707	0.71160945	sp | P21460 | CYTC_MOUSE Cystatin-C OS Mus mu	SP	0.000198	0.999792	CS pos: 20-21. Pr: 0.9799
P07141	Macrophage colony-stimulating factor 1 OS=Mus musculus OX=10090 GN=Csf1 PE=1 SV=2 - [CSF1_MOUSE]	Csf1	43.03475	56.63771	76.32738	83.78655	131.0749	76.16772	58.66641	97.01274	16.73883	29.74311	0.2	0.726531	1.653633326	0.725639369	sp | P07141 | CSF1_MOUSE Macrophage colony-st	SP	0.000291	0.99968	CS pos: 32-33. Pr: 0.9723
Q91WP6	Serine protease inhibitor A3N OS=Mus musculus OX=10090 GN=Serpina3n PE=1 SV=1 - [SPA3N_MOUSE]	Serpina3n	1148.728	428.1453	635.4271	1613.235	1804.64	726.0332	737.4334	1381.303	370.9632	575.4935	0.2	0.726531	1.873122157	0.905444989	sp | Q91WP6 | SPA3N_MOUSE Serine protease inh	SP	0.0002	0.999737	CS pos: 20-21. Pr: 0.9761
Q61220	Protein kinase C and casein kinase substrate in NEL1 OS=Mus musculus OX=10090 GN=Nel2 PE=1 SV=3 - [NEL2_MOUSE]	Nel2	94.5353	49.9242	111.8813	64.28303	159.9258	92.2096	52.6281	122.7714	27.63152	39.98337	0.2	0.726531	1.637631707	0.711609945	sp | Q61220 | NEL2_MOUSE Protein kinase C and	SP	0.000239	0.999762	CS pos: 20-21. Pr: 0.9825
P08226	Apolipoprotein E OS=Mus musculus OX=10090 GN=Apoe PE=1 SV=2 - [APOE_MOUSE]	Apoe	8902.044	4441.125	4802.194	1825.048	14873.72	7152.795	6048.454	8327.867	4443.703	0.2	0.726531	2.030909694	1.022126091	sp | P08226 | APOE_MOUSE Apolipoprotein E OS	SP	0.000528	0.999435	CS pos: 18-19. Pr: 0.9190
P01887	Beta-2-microglobulin OS=Mus musculus OX=10090 GN=B2m PE=1 SV=2 - [B2MG_MOUSE]	B2m	530.4367	540.9176	1214.653	2562.367	1507.032	997.5426	762.0023	1688.98	392.0417	798.1215	0.2	0.726531	2.216503041	1.148283542	sp | P01887 | B2MG_MOUSE Beta-2-microglobulin	SP	0.000221	0.999782	CS pos: 20-21. Pr: 0.8806
Q61704	Inter-alpha-trypsin inhibitor heavy chain H3 OS=Mus musculus OX=10090 GN=Itih3 PE=1 SV=3 - [ITIH3_MOUSE]	Itih3	0	20.54825	12.12599	23.72868	32.79575	16.93104	10.89141	24.49672	10.32961	7.942906	0.2	0.726531	2.249177273	1.169397374	sp | Q61704 | ITIH3_MOUSE Inter-alpha-trypsin	SP	0.000237	0.999746	CS pos: 21-22. Pr: 0.9734
Q88LX3	Limbic system-associated membrane protein OS=Mus musculus OX=10090 GN=Lsamp PE=1 SV=1 - [LSAMP_MOUSE]	Lsamp	21.07328	42.98587	0	79.14045	63.95596	25.98141	21.35305	56.35927	21.4943	27.38162	0.2	0.726531	2.63940131	1.400210723	sp | Q88LX3 | LSAMP_MOUSE Limbic system-assoc	SP	0.000226	0.999738	CS pos: 31-32. Pr: 0.4919
O35604	NPC intracellular cholesterol transporter 1 OS=Mus musculus OX=10090 GN=Npc1 PE=1 SV=2 - [NPC1_MOUSE]	Npc1	57.19136	0	0	76.74758	68.08412	0	19.06379	48.27723	33.01945	42.03311	0.35367817	0.726531	2.532405321	1.34050832	sp | O35604 | NPC1_MOUSE NPC intracellular cho	SP	0.000187	0.999807	CS pos: 22-23. Pr: 0.9787
P97467	Peptidyl-glycine alpha-amidating monooxygenase OS=Mus musculus OX=10090 GN=Pam PE=1 SV=2 - [AMID_MOUSE]	Pam	0	23.58367	0	0	48.7267	43.28721	7.861225	30.67116	13.61604	26.70086	0.35367817	0.726531	3.901574863	1.964056583	sp | P97467 | AMID_MOUSE Peptidyl-glycine alpha	SP	0.000257	0.999714	CS pos: 24-25. Pr: 0.9740
Q60290	Neuroligin-2 OS=Mus musculus OX=10090 GN=Nlgn2 PE=1 SV=2 - [NLGN2_MOUSE]	Nlgn2	0	20.25518	0	65.48964	0	57.58764	6.757126	42.05576	11.69433	35.7486	0.35367817	0.726531	6.076336668	2.603201837	sp | Q60290 | NLGN2_MOUSE Neuroligin-2 OS Mus	SP	0.000231	0.999737	CS pos: 14-15. Pr: 0.9756
Q09159	Lysosomal alpha-mannosidase OS=Mus musculus OX=10090 GN=Man2b1 PE=1 SV=4 - [MA2B1_MOUSE]	Man2b1	0	9.104423	0	0	78.09156	14.51045	3.034808	30.86734	5.256441	41.53593	0.35367817	0.726531	10.17110111	3.346403967	sp | Q09159 | MA2B1_MOUSE Lysosomal alpha-m	SP	0.219559	0.780437	CS pos: 49-50. Pr: 0.7112
Q8K214	Beta-mannosidase OS=Mus musculus OX=10090 GN=Manba PE=1 SV=1 - [MANBA_MOUSE]	Manba	12.27419	0	0	8.606121	13.69997	8.805414	0.091397	10.3705	7.086507	2.885123	0.37582587	0.726531	2.534709043	1.341820151	sp | Q8K214 | MANBA_MOUSE Beta-mannosidase	SP	0.000184	0.999783	CS pos: 19-20. Pr: 0.9727
Q6PAL1	Drazin OS=Mus musculus OX=10090 GN=Draxin PE=1 SV=1 - [DRAXI_MOUSE]	Draxin	58.17829	0	0	45.98299	109.6663	36.17026	63.94231	53.18925	39.90022	0.37582587	0.726531	0.832148294	1.272252442	1.721252444	sp | Q6PAL1 | DRAXI_MOUSE Draxin OS Mus mus	SP	0.000212	0.999749	CS pos: 25-26. Pr: 0.9728
Q88YM5	Neuroligin-3 OS=Mus musculus OX=10090 GN=Nlgn3 PE=1 SV=2 - [NLGN3_MOUSE]	Nlgn3	0	0	14.55648	12.70048	11.89276	25.38757	4.852161	16.68836	8.404189	7.550618	0.37582587	0.726531	3.438386242	1.781731615	sp | Q88YM5 | NLGN3_MOUSE Neuroligin-3 OS M	SP	0.000511	0.999452	CS pos: 34-35. Pr: 0.9082
Q9CYN9	Renin receptor OS=Mus musculus OX=10090 GN=Atp6ap2 PE=1 SV=2 - [RENR_MOUSE]	Atp6ap2	61.96778	51.3697	66.33843	55.02584	124.9169	90.90456	59.89197	90.28243	7.697234	34.94967	0.4	0.764126	1.507421324	0.59208207	sp | Q9CYN9 | RENR_MOUSE Renin receptor OS M	SP	0.001739	0.99824	CS pos: 17-18. Pr: 0.9741
Q9R0E1	Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 OS=Mus musculus OX=10090 GN=Plod3 PE=1 SV=1 - [PLOD3_MOUSE]	Plod3	80.53625	155.2917	150.8135	137.4063	206.5133	267.8485	128.8805	203.9227	41.92716	65.25965	0.4	0.764126	1.582262093	0.661988594	sp | Q9R0E1 | PLOD3_MOUSE Multifunctional proc	SP	0.000348	0.999616	CS pos: 27-28. Pr: 0.9475
Q9QDF2	Glycolcan 1 OS=Mus musculus OX=10090 GN=Glc1 PE=1 SV=1 - [GLC1_MOUSE]	Glc1	99.13568	42.39009	46.11893	97.96576	95.93529	113.6935	64.54823	102.5314	29.97513	8.172731	0.4	0.764126	1.588442122	0.667617973	sp | Q9QDF2 | GLC1_MOUSE Glycolcan 1 OS Mus m	SP	0.000369	0.999562	CS pos: 23-24. Pr: 0.9724
Q89017	Legumain OS=Mus musculus OX=10090 GN=Lgmn PE=1 SV=1 - [LGMN_MOUSE]	Lgmn	116.7731	57.85949	131.3126	110.0961	214.2479	169.9193	101.9817	164.7544	38.89636	52.26767	0.4	0.764126	1.615529064	0.692006705	sp | Q89017 | LGM

P54763	Eohrin type-B receptor 2 OS=Mus musculus OX=10090 GN=Ephb2 PE=1 SV=3 - [EPHB2_MOUSE]	Ephb2	15.87869	0	6.309178	13.36581	10.18496	15.3375	7.395957	12.96276	7.994938	2.599809	0.7	0.838406	1.752681573	0.809563911	sp|P54763|EPHB2_MOUSE Eohrin type-B recept	SP	0.003058	0.9969	CS pos: 24-25, Pr: 0.6626									
P70206	Plexin-A1 OS=Mus musculus OX=10090 GN=Plxna1 PE=1 SV=1 - [PLXA1_MOUSE]	Plxna1	0	0	9.576894	0	6.372493	8.232167	3.192298	4.86822	5.529223	4.317322	1	1	1.524989168	0.608798995	sp|P70206|PLXA1_MOUSE Plexin-A1 OS=Mus m	SP	0.030881	0.969086	CS pos: 27-28, Pr: 0.8441									
C0HKG5	Ribonuclease T2-A OS=Mus musculus OX=10090 GN=Rnaset2a PE=1 SV=1 - [RNT2A_MOUSE]	Rnaset2a	26.15395	52.26505	51.90672	38.58092	50.82824	113.2417	43.44191	67.5503	14.97288	40.04098	1	1	1.554957131	0.636874806	sp|C0HKG5|RNT2A_MOUSE Ribonuclease T2-A	SP	0.001719	0.998248	CS pos: 29-30, Pr: 0.9580									
Q8CFG0	Extracellular sulfatase Sulf-2 OS=Mus musculus OX=10090 GN=Sulf2 PE=2 SV=2 - [SULF2_MOUSE]	Sulf2	28.42418	0	0	0	25.80473	18.56872	9.474726	14.79115	16.41071	13.31066	1	1	1.561116461	0.642578168	sp|Q8CFG0|SULF2_MOUSE Extracellular sulfatas	SP	0.0006	0.999358	CS pos: 24-25, Pr: 0.9627									
Q9EQG7	Ectonucleotide pyrophosphatase/phosphodiesterase family member 5 OS=Mus musculus OX=10090 GN=Enpp5 PE=1 SV=3 - [ENPP5_MOUSE	Enpp5	27.07049	0	0	24.07863	21.93842	0	9.023498	15.33902	15.62916	13.32701	1	1	1.699896863	0.765447217	sp|Q9EQG7|ENPP5_MOUSE Ectonucleotide pyro	SP	0.000393	0.999565	CS pos: 18-19, Pr: 0.9814									
P70274	Selenoprotein P OS=Mus musculus OX=10090 GN=Selenop PE=1 SV=3 - [SEPP1_MOUSE]	Selenop	18.34023	0	0	32.7515	0	0	6.113408	10.91717	10.58873	18.90909	1	1	1.785774065	0.836549563	sp|P70274|SEPP1_MOUSE Selenoprotein P OS	SP	0.000212	0.999787	CS pos: 19-20, Pr: 0.9866									
Q9Z100	Probable carboxypeptidase X1 OS=Mus musculus OX=10090 GN=Cpxm1 PE=2 SV=2 - [CPXM1_MOUSE]	Cpxm1	0	11.94831	0	0	26.51008	0	3.98277	8.836692	6.898361	15.3056	1	1	2.218730067	1.149734159	sp|Q9Z100|CPXM1_MOUSE Probable carboxype	SP	0.254592	0.745391	CS pos: 20-21, Pr: 0.5016									
Q80T53	Adhesion G protein-coupled receptor L3 OS=Mus musculus OX=10090 GN=Adgrl3 PE=1 SV=3 - [AGRL3_MOUSE]	Adgrl3	23.06926	0	0	0	0	87.80536	7.689755	29.26845	13.31905	50.69445	1	1	3.806162013	1.928336973	sp|Q80T53|AGRL3_MOUSE Adhesion G protein-	SP	0.000259	0.999681	CS pos: 19-20, Pr: 0.9825									

SignalP	Down-regulated																										
Accession	Description	Symbol	mock.1.a0	mock.1.2.	mock.3.4.	s1Ha.1.x0	s1Ha.1.2.	s1Ha.3.4.	Average_	Average_	St_Dv_m0	St_Dv_a1	MW_p_a1	BH_p_a1	Ratio_a1Hvsmock	Log2_Ratio.a1Hvsmock	F ID	Prediction	OTHER	SP(Sec/SP	CS Position			From	To
Q9EPX2	Papilin OS=Mus musculus OX=10090 GN=Papln PE=2 SV=2 - [PPN_MOUSE]	Papln	26.42014	15.48639	20.03903	0	0	0	20.64852	0	5.4923	0	0.063603	0.726531	only in mock	#NUM!	sp_Q9EPX2	SP	0.000288	0.999681	CS pos: 20-21. Pr: 0.9733			Q9EPX2	Papln
Q8K209	Adhesion G-protein coupled receptor G1 OS=Mus musculus OX=10090 GN=Adgrg1 PE=1 SV=1 - [AGRG1_MOUSE]	Adgrg1	273.3999	40.37594	36.13315	0	0	32.29542	116.6363	10.76514	135.7778	18.64577	0.076523	0.726531	0.092296619	-3.437578396	sp_Q8K20	SP	0.00023	0.999756	CS pos: 22-23. Pr: 0.9833			Q8K209	Adgrg1
Q9WV85	Nucleoside diphosphate kinase 3 OS=Mus musculus OX=10090 GN=Nme3 PE=1 SV=3 - [NDK3_MOUSE]	Nme3	9.526347	16.35536	15.81873	0	0	0	9.113112	13.90015	3.037704	3.797312	5.261458	0.076523	0.726531	0.218537579	-2.194046713	sp_Q9WV8	SP	0.000309	0.999664	CS pos: 18-19. Pr: 0.9648			Q9WV85	Nme3
Q61730	Interleukin-1 receptor accessory protein OS=Mus musculus OX=10090 GN=Il1rap PE=1 SV=1 - [IL1AP_MOUSE]	Il1rap	72.66918	96.93675	121.0708	0	18.02953	54.08858	96.89224	24.03937	24.20084	27.54056	0.1	0.726531	0.248104163	-2.01098215	sp_Q6173	SP	0.000743	0.999241	CS pos: 20-21. Pr: 0.8739			Q61730	Il1rap
Q9QXT0	Protein canopy homologe 2 OS=Mus musculus OX=10090 GN=Cnpy2 PE=1 SV=1 - [CNPY2_MOUSE]	Cnpy2	130.4086	260.8716	140.4813	52.62434	44.29296	60.9963	177.2538	52.63787	72.59002	8.351675	0.1	0.726531	0.296963233	-1.751643771	sp_Q9QXT	SP	0.000235	0.999746	CS pos: 20-21. Pr: 0.9809			Q9QXT0	Cnpy2
Q8BP92	Reticulocalbin-2 OS=Mus musculus OX=10090 GN=Rcn2 PE=1 SV=1 - [RCN2_MOUSE]	Rcn2	54.33581	203.4264	86.01385	35.90145	36.23873	44.85388	114.592	38.99802	78.54636	5.074131	0.1	0.726531	0.34032059	-1.555033655	sp_Q8BP9	SP	0.000213	0.999748	CS pos: 25-26. Pr: 0.9728			Q8BP92	Rcn2
Q8BH97	Reticulocalbin-3 OS=Mus musculus OX=10090 GN=Rcn3 PE=1 SV=1 - [RCN3_MOUSE]	Rcn3	17.84301	36.06536	21.41586	9.510976	6.732926	14.32351	25.10808	10.18914	9.655976	3.840462	0.1	0.726531	0.405811057	-1.301119921	sp_Q8BH9	SP	0.000203	0.999782	CS pos: 20-21. Pr: 0.9795			Q8BH97	Rcn3
P11087	Collagen alpha-1(I) chain OS=Mus musculus OX=10090 GN=Col1a1 PE=1 SV=4 - [CO1A1_MOUSE]	Col1a1	41.27204	64.64545	43.73762	30.15493	30.91588	0	49.88504	20.35694	12.8422	17.63373	0.1	0.726531	0.408076985	-1.293086748	sp_P11087	SP	0.000213	0.999782	CS pos: 22-23. Pr: 0.9806			P11087	Col1a1
O35887	Calumenin OS=Mus musculus OX=10090 GN=Calu PE=1 SV=1 - [CALU_MOUSE]	Calu	229.6414	462.7076	386.1421	172.9854	124.9681	160.9236	359.497	152.9591	118.7957	24.97981	0.1	0.726531	0.425480704	-1.232834388	sp_O35887	SP	0.00026	0.999699	CS pos: 19-20. Pr: 0.9509			O35887	Calu
Q88YB9	Protein O-glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Poglut1 PE=1 SV=2 - [POGL1_MOUSE]	Poglut1	29.65741	61.07778	61.6158	22.05922	23.94018	20.21734	50.78366	22.07225	18.29785	1.861451	0.1	0.726531	0.434632826	-1.202130956	sp_Q8BYB	SP	0.000251	0.999733	CS pos: 23-24. Pr: 0.9807			Q8BYB9	Poglut1
Q9DC23	Dnaj homolog subfamily C member 10 OS=Mus musculus OX=10090 GN=Dnajc10 PE=1 SV=2 - [DJC10_MOUSE]	Dnajc10	22.37231	45.28742	19.89663	9.12845	19.55643	12.38351	29.18545	13.68947	13.99955	5.335246	0.1	0.726531	0.469051	-1.092183298	sp_Q9DC2	SP	0.380708	0.619286	CS pos: 31-32. Pr: 0.5711			Q9DC23	Dnajc10
Q61543	Golgi apparatus protein 1 OS=Mus musculus OX=10090 GN=Glg1 PE=1 SV=1 - [GSLG1_MOUSE]	Glg1	17.92937	42.72503	29.09849	15.78664	12.14544	14.54697	29.91763	14.15969	12.41811	1.851236	0.1	0.726531	0.473289027	-1.079206621	sp_Q6154	SP	0.000324	0.999655	CS pos: 27-28. Pr: 0.9679			Q61543	Glg1
O08795	Glucosidase 2 subunit beta OS=Mus musculus OX=10090 GN=Prkcsh PE=1 SV=1 - [GLU2B_MOUSE]	Prkcsh	109.3225	205.4964	133.3406	72.06208	70.66209	76.17621	149.3865	72.96679	50.05457	2.866229	0.1	0.726531	0.488442958	-1.033738006	sp_O08795	SP	0.000235	0.999748	CS pos: 14-15. Pr: 0.9791			O08795	Prkcsh
P09103	Protein disulfide-isomerase OS=Mus musculus OX=10090 GN=P4hb PE=1 SV=2 - [PDIA1_MOUSE]	P4hb	275.5485	390.834	267.9832	166.9614	153.1437	154.2611	311.4552	158.1221	68.84803	7.675447	0.1	0.726531	0.507687901	-0.9779862 15	sp_P09103	SP	0.000396	0.999557	CS pos: 19-20. Pr: 0.9724			P09103	P4hb
Q922R8	Protein disulfide-isomerase A6 OS=Mus musculus OX=10090 GN=Pdia6 PE=1 SV=3 - [PDIA6_MOUSE]	Pdia6	111.5229	165.4409	112.8544	77.09822	56.33687	70.73114	129.9394	68.05541	30.75243	10.63617	0.1	0.726531	0.523747339	-0.933057085	sp_Q922R	SP	0.000363	0.999617	CS pos: 19-20. Pr: 0.9718			Q922R8	Pdia6
Q05793	Basement membrane-specific heparan sulfate proteoglycan core protein OS=Mus musculus OX=10090 GN=Hspg2 PE=1 SV=1 - [PGBM_MOUSE]	Hspg2	42.366	49.97563	50.75346	16.68557	23.38973	36.72164	47.69837	25.59898	4.634308	10.1991	0.1	0.726531	0.53668461	-0.897853577	sp_Q05793	SP	0.000311	0.999665	CS pos: 25-26. Pr: 0.8879			Q05793	Hspg2
Q62443	Neuronal pentraxin-1 OS=Mus musculus OX=10090 GN=Nptx1 PE=1 SV=1 - [NPTX1_MOUSE]	Nptx1	261.1822	240.2412	437.2047	227.5304	172.5213	228.8569	312.876	209.6362	108.1797	32.14928	0.1	0.726531	0.670029688	-0.577703074	sp_Q62443	SP	0.000347	0.999628	CS pos: 22-23. Pr: 0.9485			Q62443	Nptx1
Q922Q9	Chitinase domain-containing protein 1 OS=Mus musculus OX=10090 GN=Chid1 PE=1 SV=1 - [CHID1_MOUSE]	Chid1	27.74684	43.68244	8.233212	0	0	0	10.06174	26.55416	3.353915	17.75468	5.809151	0.184039	0.726531	0.126304662	-2.985020207	sp_Q922Q	SP	0.000311	0.999664	CS pos: 19-20. Pr: 0.9509			Q922Q9	Chid1
Q01705	Neurogenic locus notch homolog protein 1 OS=Mus musculus OX=10090 GN=Notch1 PE=1 SV=3 - [NOTC1_MOUSE]	Notch1	26.69938	24.57118	30.76677	0	0	0	26.47319	27.34577	8.824398	3.147968	15.28431	0.184039	0.726531	0.322696931	-1.631748237	sp_Q01705	SP	0.000228	0.999744	CS pos: 18-19. Pr: 0.9755			Q01705	Notch1
Q02788	Collagen alpha-2(VI) chain OS=Mus musculus OX=10090 GN=Col6a2 PE=1 SV=3 - [CO6A2_MOUSE]	Col6a2	20.7991	33.66536	28.73194	0	28.08855	0	27.73213	9.362852	6.491137	16.21693	0.184039	0.726531	0.337617474	-1.566538521	sp_Q02788	SP	0.001966	0.998012	CS pos: 25-26. Pr: 0.9682			Q02788	Col6a2
P01831	Thy-1 membrane glycoprotein OS=Mus musculus OX=10090 GN=Thy1 PE=1 SV=1 - [THY1_MOUSE]	Thy1	88.31638	0	51.59235	0	0	0	46.63624	0	44.36629	0	0.196706	0.726531	only in mock	only in mock	sp_P01831	SP	0.000195	0.999774	CS pos: 19-20. Pr: 0.9782			P01831	Thy1
P55302	Alpha-2-macroglobulin receptor-associated protein OS=Mus musculus OX=10090 GN=Lrpap1 PE=1 SV=1 - [AMRP_MOUSE]	Lrpap1	0	45.73708	45.97305	0	0	0	30.57005	0	26.4747	0	0.196706	0.726531	only in mock	only in mock	sp_P55302	SP	0.000262	0.999727	CS pos: 33-34. Pr: 0.9733			P55302	Lrpap1
P58021	Transmembrane 9 superfamily member 2 OS=Mus musculus OX=10090 GN=Tm9sf2 PE=1 SV=1 - [TM9S2_MOUSE]	Tm9sf2	39.20891	38.49597	0	0	0	0	25.90163	0	22.4343	0	0.196706	0.726531	only in mock	only in mock	sp_P58021	SP	0.000283	0.9997	CS pos: 35-36. Pr: 0.9458			P58021	Tm9sf2
Q91ZW2	GDP-fucose protein O-fucosyltransferase 1 OS=Mus musculus OX=10090 GN=Pofut1 PE=1 SV=1 - [OFUT1_MOUSE]	Pofut1	0	59.99746	82.76558	0	0	0	47.58768	0	42.75555	0	0.196706	0.726531	only in mock	only in mock	sp_Q91ZW	SP	0.000313	0.999657	CS pos: 30-31. Pr: 0.9543			Q91ZW2	Pofut1
Q99KV1	Dnaj homolog subfamily B member 11 OS=Mus musculus OX=10090 GN=Dnajb11 PE=1 SV=1 - [DJB11_MOUSE]	Dnajb11	0	58.86919	41.05899	0	0	0	33.30939	0	30.19002	0	0.196706	0.726531	only in mock	#NUM!	sp_Q99KV	SP	0.000219	0.999755	CS pos: 22-23. Pr: 0.9800			Q99KV1	Dnajb11
Q9DAU1	Protein canopy homolog 3 OS=Mus musculus OX=10090 GN=Cnpy3 PE=1 SV=1 - [CNPY3_MOUSE]	Cnpy3	0	58.62585	42.69468	0	0	0	33.77351	0	30.31399	0	0.196706	0.726531	only in mock	#NUM!	sp_Q9DAU	SP	0.000551	0.999411	CS pos: 37-38. Pr: 0.9180			Q9DAU1	Cnpy3
Q9DBV4	Matrix remodeling-associated protein 8 OS=Mus musculus OX=10090 GN=Mxra8 PE=1 SV=1 - [MXRA8_MOUSE]	Mxra8	65.33051	0	38.08976	0	0	0	34.47342	0	32.81505	0	0.196706	0.726531	only in mock	#NUM!	sp_Q9DBV	SP	0.000255	0.999713	CS pos: 22-23. Pr: 0.8870			Q9DBV4	Mxra8
Q9QXX0	Protein jagged-1 OS=Mus musculus OX=10090 GN=Jag1 PE=1 SV=1 - [JAG1_MOUSE]	Jag1	17.6225	37.65514	16.60354	0	8.678543	17.16522	23.95914	8.614588	11.86878	8.58279	0.2	0.726531	0.359553253	-1.475722633	sp_Q9QXX	SP	0.000364	0.999604	CS pos: 30-31. Pr: 0.9715			Q9QXX0	Jag1
Q8CG85	MAM domain-containing protein 2 OS=Mus musculus OX=10090 GN=Mamdc2 PE=1 SV=1 - [MAMC2_MOUSE]	Mamdc2	25.88098	84.13925	84.3524	0	14.71892	56.54807	64.79088	23.75566	33.69713	29.33715	0.2	0.726531	0.366651377	-1.447519135	sp_Q8CG8	SP	0.000182	0.99982	CS pos: 18-19. Pr: 0.9617			Q8CG85	Mamdc2
Q05186	Reticulocalbin-1 OS=Mus musculus OX=10090 GN=Rcn1 PE=1 SV=1 - [RCN1_MOUSE]	Rcn1	140.0132	472.63	258.1835	94.00955	76.34365	154.9004	290.2756	108.4179	168.6147	41.21272	0.2	0.726531	0.373499765	-1.42082076	sp_Q05186	SP	0.000893	0.999063	CS pos: 23-24. Pr: 0.7046			Q05186	Rcn1
Q9CPT4	Myeloid-derived growth factor OS=Mus musculus OX=10090 GN=Mydgf PE=1 SV=1 - [MYDGF_MOUSE]	Mydgf	64.56842	291.7891	263.6285	48.04814	24.10258	160.6141	206.662	77.58827	123.8596	72.89248	0.2	0.726531	0.375435627	-1.413362534	sp_Q9CPT	SP	0.000221	0.99975	CS pos: 24-25. Pr: 0.9736			Q9CPT4	Mydgf
P45878	Peptidyl-prolyl cis-trans isomerase FKBP2 OS=Mus musculus OX=10090 GN=Fkbp2 PE=1 SV=1 - [FKBP2_MOUSE]	Fkbp2	104.4798	195.3215	193.8813	72.36094	0	0	119.4626	164.5609	63.94118	52.03671	0.2	0.726531	0.388556338	-1.363804301	sp_P45878	SP	0.000191	0.999796	CS pos: 20-21. Pr: 0.9713			P45878	Fkbp2
P27773	Protein disulfide-isomerase A3 OS=Mus musculus OX=10090 GN=Pdia3 PE=1 SV=2 - [PDIA3_MOUSE]	Pdia3	870.4192	2538.116	2038.365	607.6481	561.8955	948.6245	1815.633	706.0561	855.868	211.3124	0.2	0.726531	0.388875928	-1.362618161	sp_P27773	SP	0.000289	0.999677	CS pos: 24-25. Pr: 0.9654			P27773	Pdia3
Q62059	Versican core protein OS=Mus musculus OX=10090 GN=Vcan PE=1 SV=2 - [CSPG2_MOUSE]	Vcan	64.3218	49.33313	73.4866	0	18.53595	55.60784	62.38051	24.7146	12.19319	28.31413	0.2	0.726531	0.396191004	-1.335731973	sp_Q6205	SP	0.000271	0.999689	CS pos: 20-21. Pr: 0.9692			Q62059	Vcan
Q91W90	Thioredoxin domain-containing protein 5 OS=Mus musculus OX=10090 GN=Txndc5 PE=1 SV=2 - [TXND5_MOUSE]	Txndc5	295.2129	845.2858	805.946	228.4027	203.8466	370.597	648.8149	267.6154	306.8594	90.02582	0.2	0.726531	0.41246808	-1.277645618	sp_Q91W9	SP	0.066873	0.933089	CS pos: 33-34. Pr: 0.8805			Q91W90	Txndc5
Q9Z247	Peptidyl-prolyl cis-trans isomerase FKBP9 OS=Mus musculus OX=10090 GN=Fkbp9 PE=1 SV=1 - [FKBP9_MOUSE]	Fkbp9	52.77845	117.3565	127.3498	38.68997	23.49132	60.97092	99.16159	41.05074	40.47855	18.85099	0.2	0.726531	0.413978193	-1.272373321	sp_Q9Z24	SP	0.000356	0.99959	CS pos: 29-30. Pr: 0.8399			Q9Z247	Fkbp9
Q9CXI5	Mesencephalic astrocyte-derived neurotrophic factor OS=Mus musculus OX=10090 GN=Manf PE=1 SV=1 - [MANF_MOUSE]	Manf	332.271	804.6422	798.5993	181.7083	216.0359	437.4987	645.1708	278.4143	270.9961	138.8362	0.2	0.726531	0.431535761	-1.212447977	sp_Q9CXI5	SP	0.000264	0.999703	CS pos: 21-22. Pr: 0.9714			Q9CXI5	Manf
Q9CQU0	Thioredoxin domain-containing protein 12 OS=Mus musculus OX=10090 GN=Txndc12 PE=1 SV=1 - [TXD12_MOUSE]	Txndc12	423.2227	1053.979	992.0293	303.8399	273.4309	493.1915	823.0769	356.8208	347.6664	119.0752	0.2	0.726531	0.433520626	-1.20582746	sp_Q9CQU	SP	0.000276	0.999693	CS pos: 24-25. Pr: 0.9795			Q9CQU0	Txndc12
P02469	Laminin subunit beta-1 OS=Mus musculus OX=10090 GN=Lamb1 PE=1 SV=3 - [LAMB1_MOUSE]	Lamb1	22.5762	24.30831	33.6488	0	11.88017	23.94233	26.84444	11.94083	5.95605	11.97128	0.2	0.726531	0.444815817	-1.168720006	sp_P02469	SP	0.0002	0.999808	CS pos: 21-22. Pr: 0.9749			P02469	Lamb1
Q8BPG6	Inactive C-alpha-formylglycine-generating enzyme 2 OS=Mus musculus OX=10090 GN=Sumf2 PE=1 SV=2 - [SUMF2_MOUSE]	Sumf2	30.88233	89.2658	106.9535	23.26325	27.9853	51.84191	75.70054	34.36348	39.80852	15.31979	0.2	0.726531	0.453939738	-1.139427307	sp_Q8BPG	SP	0.000268	0.999692	CS pos: 33-34. Pr: 0.9603			Q8BPG6	Sumf2
Q9CYA0	Protein disulfide isomerase Creld2 OS=Mus musculus OX=10090 GN=Creld2 PE=1 SV=1 - [CREL2_MOUSE]	Creld2	29.02407	56.31804	64.97345	21.84437	18.3983	33.35054	50.10519	24.53107	18.7627	7.82982	0.2	0.726531	0.48959146	-1.030349702	sp_Q9CYA	SP	0.000206	0.999772	CS pos: 22-23. Pr: 0.9768			Q9CYA0	Creld2
P24369	Peptidyl-prolyl cis-trans isomerase B OS=Mus musculus OX=10090 GN=Ppib PE=1 SV=2 - [PPIB_MOUSE]	Ppib	988.3377	2584.674	2577.755	827.0319	915.3428	1310.837	2050.256	1017.737	919.6545	257.6435	0.2	0.726531	0.496395207	-1.010438908	sp_P24369	SP	0.00086	0.99911	CS pos: 33-34. Pr: 0.9649			P24369	Ppib
P57759	Endoplasmic reticulum resident protein 29 OS=Mus musculus OX=10090 GN=Erp29 PE=1 SV=2 - [ERP29_MOUSE]	Erp29	301.0512	744.152	758.2327	250.0028	227.6297	437.0563	601.1453	304.8963	259.9845	114.9993	0.2	0.726531	0.507192292	-0.979395273	sp_P57759	SP	0.000293	0.999698	CS pos: 34-35. Pr: 0.9538			P57759	Erp29
Q6P5E4	UDP-glucose:glycoprotein glucosyltransferase 1 OS=Mus musculus OX=10090 GN=Uggt1 PE=1 SV=4 - [UGGG1_MOUSE]	Uggt1	51.21384	96.14816	133.949	33.00448	37.37515	77.74297	93.77032	49.3742	41.41879	24.66508	0.2	0.726531	0.526544	-0.925374001	sp_Q6P5E	SP	0.033371	0.966601	CS pos: 42-43. Pr: 0.8416			Q6P5E4	Uggt1
Q60847	Collagen alpha-1(XII) chain OS=Mus musculus OX=10090 GN=Col12a1 PE=2 SV=3 - [COCA1_MOUSE]	Col12a1	48.06144	82.54663	60.55725	14.82151	30.80484	56.86934	63.72177	34.16523	17.45903	21.22438	0.2	0.726531	0.536162559	-0.899257618	sp_Q6084	SP	0.000245	0.999742	CS pos: 23-24. Pr: 0.9822			Q60847	Col12a1
Q91XY4	Protocadherin gamma-A4 OS=Mus musculus OX=10090 GN=Pcdhga4 PE=1 SV=1 - [PCDG4_MOUSE]	Pcdhga4	98.84216	82.93173	91.54081	0	0	0	71.18037	84.1649	91.1045	51.78176	7.964168	45.31183	0.2	0.726531	0.568375129	-0.81508467	sp_Q91XY	SP	0.010141	0.989825	CS pos: 27-28. Pr: 0.9436			Q91XY4	Pcdhga4
Q9CQ45	Neudesin OS=Mus musculus OX=10090 GN=Nenf PE=1 SV=1 - [NENF_MOUSE]	Nenf	60.51977	98.25307	153.1619	48.26652	40.29208	90.98975	103.9783	59.84945	46.58567	27.26145	0.2	0.726531	0.575595892	-0.796871798	sp_Q9CQ4	SP	0.00042	0.999567	CS pos: 30-31. Pr: 0.9689			Q9CQ45	Nenf
P37889	Fibulin-2 OS=Mus musculus OX=10090 GN=Fbln2 PE=1 SV=2 - [FBLN2_MOUSE]	Fbln2	256.9437	415.6827	536.2828	139.348	191.4157	378.8872	402.9697	236.5503	140.1028	125.9865	0.2	0.726531	0.587017529	-0.76852451	sp_P37889	SP	0.000195	0.999767	CS pos: 26-27. Pr: 0.9734			P37889	Fbln2
P10493	Nidogen-1 OS=Mus musculus OX=10090 GN=Nid1 PE=1 SV=2 - [NID1_MOUSE]	Nid1	90.73357	241.3728	195.0523	48.49169	86.94622	182.0547	175.7196	105.8309	77.15802	68.75492	0.2	0.726531	0.602271341	-0.731514484	sp_P10493	SP	0.000258	0.999715	CS pos: 28-29. Pr: 0.9674			P10493	Nid1
Q9D1Q6	Endoplasmic reticulum resident protein 44 OS=Mus musculus OX=10090 GN=Erp44 PE=1 SV=1 - [ERP44_MOUSE]	Erp44	124.6791	243.3045	224.7923	111.0265	102.2698	146.8871	197.5919	120.0611	63.81918	23.64095	0.2	0.726531	0.607621473	-0.71875524	sp_Q9D1Q	SP	0.004858	0.9951	CS pos: 29-30. Pr: 0.9607			Q9D1Q6	Erp44
Q9QXV0	ProSAAS OS=Mus musculus OX=10090 GN=Pcsk1n PE=1 SV=2 - [PCS1N_MOUSE]	Pcsk1n	69.55807	68.13596	84.76302	34.88415	68.15249	41.32572	74.15235	48.12078	9.21658	17.64441	0.2	0.726531	0.648944845	-0.623832228	sp_Q9QXV	SP	0.002733	0.997226	CS pos: 33-34. Pr: 0.9535			Q9QXV0	Pcsk1n
Q8BHN3	Neutral alpha-glucosidase AB OS=Mus musculus OX=10090 GN=Ganab PE=1 SV=1 - [GANAB_MOUSE]	Ganab	199.2685	325.369	311.2144	163.3486	202.9603	185.0946	278.6173	183.8012	69.08158	19.83752	0.2	0.726531	0.659690458	-0.600138858	sp_Q8BHN	SP	0.497981	0.502011	CS pos: 32-33. Pr: 0.4509			Q8BHN3	Ganab
Q8R0F3	Formylglycine-generating enzyme OS=Mus musculus OX=10090 GN=Sumf1 PE=1 SV=2 - [SUMF1_MOUSE]	Sumf1	0	85.38215	108.2428	0	0	54.2776	64.54165	18.09253	57.05147	31.33718	0.353679	0.764126	0.280323368	-1.834836081	sp_Q8R0F	SP	0.000894	0.999088	CS pos: 31-32. Pr: 0.9614			Q8R0F3	Sumf1
Q8BLX7	Collagen alpha-1(XVI) chain OS=Mus musculus OX=10090 GN=Col16a1 PE=2 SV=3 - [CO6A1_MOUSE]	Col16a1	11.77096	0	13.90192	0	7.679792	0	8.557628	2.559931	7.487323	4.43393	0.353679	0.764126	0.29914018	-1.741106392	sp_Q8BLX	SP	0.000203	0.999783	CS pos: 21-22. Pr: 0.9774			Q8BLX7	Col16a1
Q9QZ50	Collagen alpha-3(IV) chain OS=Mus musculus OX=10090 GN=Col4a3 PE=1 SV=2 - [CO4A3_MOUSE]	Col4a3	91.98444	122.3144	0	0	0	0	72.11992	71.43294	24.03997	63.69439	41.63846	0.353679	0.764126	0.336539053	-1.571154167	sp_Q9QZ5	SP	0.000191	0.999781	CS pos: 28-29. Pr: 0.9751			Q9QZ50	Col4a3
Q7TPD3	Roundabout homolog 2 OS=Mus musculus OX=10090 GN=Robo2 PE=1 SV=2 - [ROBO2_MOUSE]	Robo2	18.42642	26.72803	28.55123	9.381879	9.381879	28.14564	24.56856	15.63647	5.396799	10.83326	0.375825	0.764126	0.636442013	-0.651899022	sp_Q7TPD	SP	0.000216	0.999765	CS pos: 21-22. Pr: 0.9809			Q7TPD3	Robo2
Q9EQH2	Endoplasmic reticulum aminopeptidase 1 OS=Mus musculus OX=10090 GN=Erap1 PE=1 SV=2 - [ERAP1_MOUSE]	Erap1	28.91323	90.51641	88.96326	38.56395	0	35.2286	69.4643	24.59752	35.12684	21.36725	0.4	0.764126	0.354102989	-1.497759072	sp_Q9EQH	SP	0.000227	0.999746	CS pos: 20-21. Pr: 0.9782			Q9EQH2	Erap1
Q9ERE7	LRP chaperone MESD OS=Mus musculus OX=10090 GN=Mesd PE=1 SV=1 - [MESD_MOUSE]	Mesd	98.68197	217.9865	250.797	108.2924	0	0	115.7624	189.1551	74.68491	80.05109	64.78678	0.4	0.764126	0.394834157	-1.340681291	sp_Q9ERE	SP	0.00024	0.99976	CS pos: 29-30. Pr: 0.9708			Q9ERE7	Mesd
P97797	Tyrosine-protein phosphatase non-receptor type substrate 1 OS=Mus musculus OX=10090 GN=Sirpa PE=1 SV=2 - [SHPS1_MOUSE]	Sirpa	80.03718	48.41422	48.31147	29.83699	62.92469	0	58.92096	30.92056	18.28726	31.47634	0.4	0.764126	0.524780345	-0.930214409	sp_P97797	SP	0.000265	0.99974	CS pos: 31-32. Pr: 0.9581			P97797	Sirpa
O35608	Angiopoietin-2 OS=Mus musculus OX=10090 GN=Angpt2 PE=2 SV=2 - [ANGP2_MOUSE]	Angpt2	81.40358	51.90509	89.74814	53.6573	0	73.46552	74.35227	42.37427	19.88253	38.01021	0.4	0.764126	0.569912324	-0.811188103	sp_O3560	SP	0.001058	0.998916	CS pos: 18-19. Pr: 0.4925			O35608	Angpt2
E9PVD3	Protocadherin-16 OS=Mus musculus OX=10090 GN=Dchs1 PE=1 SV=1 - [PCD16_MOUSE]	Dchs1	25.20792	58.56988	57.89901	0	33.53251	54.50481	47.22561	29.34577	19.07082	27.49255	0.4	0.764126	0.621395398	-0.686416538	sp_E9PVD	SP	0.000265	0.999686	CS pos: 36-37. Pr: 0.9727			E9PVD3	Dchs1
P20060	Beta-hexosaminidase subunit beta OS=Mus musculus OX=10090 GN=Hexb PE=1 SV=2 - [HEXB_MOUSE]	Hexb	93.32142	117.3663	114.0915	86.43993	116.9373	0	108.2597	67.79239	13.04018	60.65788	0.4	0.764126	0.626201324	-0.675301536	sp_P20060	SP	0.325598	0.674389	CS pos: 28-29. Pr: 0.6229			P20060	Hexb
A6H584	Collagen alpha-5(VI) chain OS=Mus musculus OX=10090 GN=Col6a5 PE=1 SV=4 - [CO6A5 MOUSE]	Col6a5	0	146.4486	0	0	0	0	48.81621	0	84.55216	0	0.504985	0.764126	only in mock	only in mock	sp_A6H58	SP	0.00023	0.999741	CS pos: 18-19. Pr: 0.9807			A6H584	Col6a5
O08689	Growth/differentiation factor 8 OS=Mus musculus OX=10090 GN=Mstn PE=1 SV=1 - [GDF8_MOUSE]	Mstn	0	26.62145	0	0	0	0	8.873818	0	15.3699	0	0.504985	0.764126	only in mock	only in mock	sp_O08689	SP	0.00037	0.999602	CS pos: 19-20. Pr: 0.9593			O08689	Mstn
O35136	Neural cell adhesion molecule 2 OS=Mus musculus OX=10090 GN=Ncam2 PE=1 SV=1 - [NCAM2_MOUSE]	Ncam2	74.78287	0	0	0	0	0	24.92762	0	43.17591	0	0.504985	0.764126	only in mock	only in mock	sp_O3513	SP	0.000285	0.999688	CS pos: 19-20. Pr: 0.9719			O35136	Ncam2
O88322	Nidogen-2 OS=Mus musculus OX=10090 GN=Nid2 PE=1 SV=2 - [NID2_MOUSE]	Nid2	0	76.38108	0	0	0	0	25.46036	0	44.09864	0	0.504985	0.764126	only in mock	only in mock	sp_O8832	SP	0.00033	0.99963	CS pos: 30-31. Pr: 0.9744			O88322	Nid2
P12265	Beta-glucuronidase OS=Mus musculus OX=10090 GN=Gusb PE=1 SV=2 - [BGLR_MOUSE]	Gusb	5.042151	0	0	0	0	0	1.680717	0	2.911087	0	0.504985	0.764126	only in mock	only in mock	sp_P12265	SP	0.000335	0.999632	CS pos: 22-23. Pr: 0.9