

Table S1. Complete protein list detected by proteomic assays.

Uniprot Accession ID	Protein Description.	prot_mass	prot_score MS08135_AA	prot_score ms08135_BB	prot_matches MS08135_AA(WT)	prot_matches ms08135_BB(KO)
-----			0	0	0	0
MS08135 A			0	0	0	0
2008-08-28T14:02:17Z			0	0	0	0
haiteng			0	0	0	0
http://ms-searching2.rockefeller.edu/mascot/cgi/master_re			0	0	0	0
C:\DATA\ms08135\ms08135_A.dta			0	0	0	0
Sequest (.DTA)			0	0	0	0
MIS			0	0	0	0
2.2.1			0	0	0	0
SwissProt			0	0	0	0
SwissProt_51.6.fasta			0	0	0	0
257964			0	0	0	0
93947433			0	0	0	0
12420			0	0	0	0
33749			0	0	0	0
-----			0	0	0	0
Name	Delta		0	0	0	0
Oxidation (N)	15.994919	0	63.998285	63.998285	0	0
-----			0	0	0	0
..... Mus musculus (house mouse)			0	0	0	0
Trypsin			0	0	0	0
1			0	0	0	0
Carbamidomethyl (C)			0	0	0	0
None			0	0	0	0
Oxidation (M)			0	0	0	0
5			0	0	0	0
ppm			0	0	0	0
1			0	0	0	0
Da			0	0	0	0
Monoisotopic			0	0	0	0
Default			0	0	0	0
0			0	0	0	0
-----			0	0	0	0
0.05			0	0	0	0
0			0	0	0	0
1			0	0	0	0
0			0	0	0	0
0			0	0	0	0
0			0	0	0	0
0			0	0	0	0
0			0	0	0	0
0			0	0	0	0
Q04447	Creatine kinase B-type (EC 2.7.3.2) (Creatine kinase B chain) (B-CK) - Mus musculus (Mouse)	42971	9079	7277	434	406
P60710	Actin, cytoplasmic 1 (Beta-actin) - Mus musculus (Mouse)	42052	5140	4496	282	208

P68033	Actin, alpha cardiac muscle 1 (Alpha-cardiac actin) - Mus musculus (Mouse)	42334	3948	2726	234	155
P11499	Heat shock protein HSP 90-beta (HSP 84) (Tumor-specific transplantation 84 kDa antigen) (TSTA) - Mus musculus (Mouse)	83615	2943	3523	208	205
P10126	Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu) - Mus musculus (Mouse)	50424	2004	2344	305	330
P52480	Pyruvate kinase isozyme M2 (EC 2.7.1.40) - Mus musculus (Mouse)	58420	1954	3481	138	233
P19096	Fatty acid synthase (EC 2.3.1.85) [Includes: [Acyl-carrier-protein] S-acetyltransferase (EC 2.3.1.38); [Acyl-carrier-protein] S-malonyltransferase (EC 2.3.1.39); 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41); 3-oxoacyl-[acyl-carrier-protei	274994	1869	1524	163	135
P20152	Vimentin - Mus musculus (Mouse)	53712	1749	2397	125	157
P63017	Heat shock cognate 71 kDa protein (Heat shock 70 kDa protein 8) - Mus musculus (Mouse)	71055	1719	959	119	70
P58252	Elongation factor 2 (EF-2) - Mus musculus (Mouse)	96222	1630	1718	128	126
P07901	Heat shock protein HSP 90-alpha (HSP 86) (Tumor-specific transplantation 86 kDa antigen) (TSTA) - Mus musculus (Mouse)	85134	1529	2324	134	146
P16858	Glyceraldehyde-3-phosphate dehydrogenase (EC 1.2.1.12) (GAPDH) - Mus musculus (Mouse)	36072	1514	1781	84	89
Q9CWF2	Tubulin beta-2B chain - Mus musculus (Mouse)	50377	1435	825	86	59
Q7TMM9	Tubulin beta-2A chain - Mus musculus (Mouse)	50274	1422	775	83	52
P02551	Tubulin alpha-1 chain (Alpha-tubulin 1) (Alpha-tubulin isotype M-alpha-1) - Mus musculus (Mouse)	50788	1385	1867	75	114

P63101	14-3-3 protein zeta/delta (Protein kinase C inhibitor protein 1) (KCIP-1) (SEZ-2) - Mus musculus (Mouse)	27925	1383	1947	96	120
P99024	Tubulin beta-5 chain - Mus musculus (Mouse)	50095	1377	976	88	60
P68372	Tubulin beta-2C chain - Mus musculus (Mouse)	50255	1300	891	78	51
P62631	Elongation factor 1-alpha 2 (EF-1-alpha-2) (Elongation factor 1 A-2) (eEF1A-2) (Statin S1) - Mus musculus (Mouse)	50764	1275	1549	258	285
P05216	Tubulin alpha-6 chain (Alpha-tubulin 6) (Alpha-tubulin isotype M-alpha-6) - Mus musculus (Mouse)	50562	1259	0	72	0
P05213	Tubulin alpha-2 chain (Alpha-tubulin 2) (Alpha-tubulin isotype M-alpha-2) - Mus musculus (Mouse)	50804	1247	0	72	0
P62259	14-3-3 protein epsilon (14-3-3E) - Mus musculus (Mouse)	29326	1202	998	116	95
P05214	Tubulin alpha-3/alpha-7 chain (Alpha-tubulin 3/7) (Alpha-tubulin isotype M-alpha-3/7) - Mus musculus (Mouse)	50612	1112	1288	61	84
P68254	14-3-3 protein theta (14-3-3 protein tau) - Mus musculus (Mouse)	28046	1104	994	92	91
P10649	Glutathione S-transferase Mu 1 (EC 2.5.1.18) (GST class-mu 1) (Glutathione S-transferase GT8.7) (pmGT10) (GST 1-1) - Mus musculus (Mouse)	26067	1081	522	61	31
P06151	L-lactate dehydrogenase A chain (EC 1.1.1.27) (LDH-A) (LDH muscle subunit) (LDH-M) - Mus musculus (Mouse)	36817	1033	421	74	57
Q9CQV8	14-3-3 protein beta/alpha (Protein kinase C inhibitor protein 1) (KCIP-1) - Mus musculus (Mouse)	28183	983	971	71	80
P17182	Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydrolyase) (Non-neural enolase) (NNE) (Enolase 1) - Mus musculus (Mouse)	47453	976	802	62	50
P17156	Heat shock-related 70 kDa protein 2 (Heat shock protein 70.2) - Mus musculus (Mouse)	69983	964	544	60	37

P18760	Cofilin-1 (Cofilin, non-muscle isoform) - Mus musculus (Mouse)	18776	959	2552	70	122
Q68FD5	Clathrin heavy chain - Mus musculus (Mouse)	193202	944	884	88	78
P51880	Fatty acid-binding protein, brain (B-FABP) (Brain lipid-binding protein) (BLBP) - Mus musculus (Mouse)	15169	933	856	31	38
Q99PT1	Rho GDP-dissociation inhibitor 1 (Rho GDI 1) (Rho-GDI alpha) (GDI-1) - Mus musculus (Mouse)	23450	923	675	37	31
P97351	40S ribosomal protein S3a - Mus musculus (Mouse)	30094	899	392	50	26
Q9D6F9	Tubulin beta-4 chain - Mus musculus (Mouse)	49976	888	493	58	31
P17742	Peptidyl-prolyl cis-trans isomerase A (EC 5.2.1.8) (PPlase A) (Rotamase A) (Cyclophilin A) (Cyclosporin A-binding protein) (SP18) - Mus musculus (Mouse)	18131	855	1549	38	66
P35700	Peroxiredoxin-1 (EC 1.11.1.15) (Thioredoxin peroxidase 2) (Thioredoxin-dependent peroxide reductase 2) (Osteoblast-specific factor 3) (OSF-3) (Macrophage 23 kDa stress protein) - Mus musculus (Mouse)	22390	836	1095	75	99
Q9JHU4	Dynein heavy chain, cytosolic (DYHC) (Cytoplasmic dynein heavy chain 1) (DHC1) (Dynein heavy chain 1, cytoplasmic 1) - Mus musculus (Mouse)	534427	822	395	157	123
P62806	Histone H4 - Mus musculus (Mouse)	11360	815	1617	47	78
Q8VDD5	Myosin-9 (Myosin heavy chain 9) (Myosin heavy chain, nonmuscle IIa) (Nonmuscle myosin heavy chain IIa) (NMMHC II-a) (NMMHC-IIA) (Cellular myosin heavy chain, type A) (Nonmuscle myosin heavy chain-A) (NMMHC-A) - Mus musculus (Mouse)	227414	780	839	127	115
Q9ERD7	Tubulin beta-3 chain - Mus musculus (Mouse)	50842	780	383	52	27
P62908	40S ribosomal protein S3 - Mus musculus (Mouse)	26828	778	762	39	44

P09405	Nucleolin (Protein C23) - Mus musculus (Mouse)	76734	775	872	78	65
P62827	GTP-binding nuclear protein Ran (GTPase Ran) (Ras-like protein TC4) - Mus musculus	24579	756	656	38	36
P47963	60S ribosomal protein L13 (A52) - Mus musculus (Mouse)	24348	744	379	47	27
P68510	14-3-3 protein eta - Mus musculus (Mouse)	28365	707	962	58	80
P17751	Triosephosphate isomerase (EC 5.3.1.1) (TIM) (Triose-phosphate isomerase) - Mus musculus (Mouse)	27038	706	519	35	25
Q01853	Transitional endoplasmic reticulum ATPase (TER ATPase) (15S Mg(2+)-ATPase p97 subunit) (Valosin-containing protein) (VCP) - Mus musculus (Mouse)	89936	691	699	56	51
Q02053	Ubiquitin-activating enzyme E1 X (Ubiquitin-activating enzyme E1) - Mus musculus (Mouse)	118931	660	1086	63	55
P61982	14-3-3 protein gamma - Mus musculus (Mouse)	28456	653	841	53	79
Q9DBJ1	Phosphoglycerate mutase 1 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent PGAM 1) - Mus musculus (Mouse)	28928	612	746	35	31
Q922F4	Tubulin beta-6 chain - Mus musculus (Mouse)	50514	583	382	40	21
O70456	14-3-3 protein sigma (Stratifin) - Mus musculus (Mouse)	27810	573	666	56	71
Q61171	Peroxiredoxin-2 (EC 1.11.1.15) (Thioredoxin peroxidase 1) (Thioredoxin-dependent peroxide reductase 1) (Thiol-specific antioxidant protein) (TSA) - Mus musculus (Mouse)	21936	568	898	47	55
Q61820	GTP-binding nuclear protein Ran, testis-specific isoform - Mus musculus (Mouse)	24608	564	570	23	24
P40142	Transketolase (EC 2.2.1.1) (TK) (P68) - Mus musculus (Mouse)	68272	562	250	117	75
Q6Z WV3	60S ribosomal protein L10 (QM protein homolog) - Mus musculus (Mouse)	25044	556	148	29	13
P07724	Serum albumin precursor - Mus musculus (Mouse)	70700	550	572	22	21

P68040	Guanine nucleotide-binding protein subunit beta 2-like 1 (Receptor of activated protein kinase C 1) (RACK1) (Receptor for activated C kinase) (p205) (12-3) - Mus musculus (Mouse)	35511	541	153	35	24
P70296	Phosphatidylethanolamine-binding protein 1 (PEBP-1) (HCNPpp) [Contains: Hippocampal cholinergic neurostimulating peptide (HCNP)] - Mus musculus (Mouse)	20988	532	730	25	33
P45591	Cofilin-2 (Cofilin, muscle isoform) - Mus musculus (Mouse)	18812	528	431	39	38
Q9CR57	60S ribosomal protein L14 - Mus musculus (Mouse)	23663	508	391	33	24
Q6GSS7	Histone H2A type 2-A (H2A.2) (H2a-614) (H2a-615) - Mus musculus (Mouse)	14087	505	763	18	21
P14152	Malate dehydrogenase, cytoplasmic (EC 1.1.1.37) (Cytosolic malate dehydrogenase) - Mus musculus (Mouse)	36659	495	300	45	22
P62242	40S ribosomal protein S8 - Mus musculus (Mouse)	24475	479	372	18	19
P19157	Glutathione S-transferase P 1 (EC 2.5.1.18) (GST YF-YF) (GST-piB) (GST class-pi) (Gst P1) (Preadipocyte growth factor) - Mus musculus (Mouse)	23765	473	572	10	16
P63325	40S ribosomal protein S10 - Mus musculus (Mouse)	18904	468	168	42	33
Q6ZWN5	40S ribosomal protein S9 - Mus musculus (Mouse)	22635	459	248	47	40
P09411	Phosphoglycerate kinase 1 (EC 2.7.2.3) - Mus musculus (Mouse)	44907	448	136	45	19
Q64475	Histone H2B type 1-P - Mus musculus (Mouse)	13984	436	999	46	77
Q8CGP2	Histone H2B type 1-B (h2B-143) - Mus musculus (Mouse)	13944	436	999	46	75
Q64525	Histone H2B type 2-B (H2b 616) - Mus musculus (Mouse)	13912	436	0	43	0
Q9JJZ2	Tubulin alpha-8 chain (Alpha-tubulin 8) - Mus musculus (Mouse)	50704	428	841	25	50
P47962	60S ribosomal protein L5 - Mus musculus (Mouse)	34607	419	120	29	13

P62702	40S ribosomal protein S4, X isoform - Mus musculus (Mouse)	29807	402	304	30	23
P50446	Keratin, type II cytoskeletal 6A (Cytokeratin-6A) (CK 6A) (K6a keratin) (Keratin-6 alpha) (mK6-alpha) - Mus musculus (Mouse)	59641	396	0	24	0
Q922U2	Keratin, type II cytoskeletal 5 (Cytokeratin-5) (CK-5) (Keratin-5) (K5) - Mus musculus (Mouse)	61957	396	550	23	38
Q9Z1Q9	Valyl-tRNA synthetase (EC 6.1.1.9) (Valine--tRNA ligase) (ValRS) (Protein G7a) - Mus musculus (Mouse)	141439	380	302	37	32
Q61316	Heat shock 70 kDa protein 4 (Heat shock 70-related protein APG-2) - Mus musculus (Mouse)	94872	379	792	42	52
Q99MD9	Nuclear autoantigenic sperm protein (NASP) - Mus musculus (Mouse)	84188	365	293	34	27
Q9CY58	Plasminogen activator inhibitor 1 RNA-binding protein (PAI1 RNA-binding protein 1) (PAI-RBP1) (SERPINE1 mRNA-binding protein 1) - Mus musculus (Mouse)	44801	359	281	17	8
Q8BP67	60S ribosomal protein L24 - Mus musculus (Mouse)	17882	354	214	24	19
Q91V92	ATP-citrate synthase (EC 2.3.3.8) (ATP-citrate (pro-S)-lyase) (Citrate cleavage enzyme) - Mus musculus (Mouse)	120564	349	488	45	43
Q05816	Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP) (Keratinocyte lipid-binding protein) - Mus musculus (Mouse)	15470	331	206	18	15
P16627	Heat shock 70 kDa protein 1L (Heat shock 70 kDa protein 1-like) (Heat shock 70 kDa-like protein 1) (Spermatid-specific heat shock protein 70) - Mus musculus (Mouse)	70992	319	238	33	25
P16125	L-lactate dehydrogenase B chain (EC 1.1.1.27) (LDH-B) (LDH heart subunit) (LDH-H) - Mus musculus (Mouse)	36834	315	214	34	21

P21550	Beta-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (Muscle-specific enolase) (MSE) (Skeletal muscle enolase) (Enolase 3) - Mus musculus (Mouse)	47337	313	146	30	26
Q8C3X4	GTP-binding protein GUF1 homolog - Mus musculus (Mouse)	72760	311	506	412	483
P47911	60S ribosomal protein L6 (TAX-responsive enhancer element-binding protein 107) (TAXREB107) - Mus musculus (Mouse)	33546	307	148	36	14
P27661	Histone H2A.x (H2a/x) - Mus musculus (Mouse)	15133	301	426	15	19
Q3THW5	Histone H2AV (H2A.F/Z) - Mus musculus (Mouse)	13501	297	426	11	16
O08553	Dihydropyrimidinase-related protein 2 (DRP-2) (ULIP 2 protein) - Mus musculus (Mouse)	62638	282	104	32	13
P80318	T-complex protein 1 subunit gamma (TCP-1-gamma) (CCT-gamma) (Matricin) (mTRiC-P5) - Mus musculus (Mouse)	61162	282	49	28	14
O08807	Peroxiredoxin-4 (EC 1.11.1.15) (Prx-IV) (Thioredoxin peroxidase AO372) (Thioredoxin-dependent peroxide reductase A0372) (Antioxidant enzyme AOE372) - Mus musculus (Mouse)	31261	273	421	25	34
P17918	Proliferating cell nuclear antigen (PCNA) (Cyclin) - Mus musculus (Mouse)	29108	273	207	20	11
Q61696	Heat shock 70 kDa protein 1A (Heat shock 70 kDa protein 3) (HSP70.3) (Hsp68) - Mus musculus (Mouse)	70321	266	236	33	24
P20029	78 kDa glucose-regulated protein precursor (GRP 78) (Heat shock 70 kDa protein 5) (Immunoglobulin heavy chain-binding protein) (BiP) - Mus musculus (Mouse)	72492	262	312	25	21
Q60864	Stress-induced-phosphoprotein 1 (STI1) (Hsc70/Hsp90-organizing protein) (Hop) (mSTI1) - Mus musculus (Mouse)	63170	257	245	19	21

Q8BTM8	Filamin-A (Alpha-filamin) (Filamin-1) (Endothelial actin-binding protein) (Actin-binding protein 280) (ABP-280) (Nonmuscle filamin) - Mus musculus (Mouse)	283869	254	1031	46	86
P02535	Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10) (56 kDa cyokeratin) (Keratin, type I cytoskeletal 59 kDa) - Mus musculus (Mouse)	57906	252	152	19	17
P60843	Eukaryotic initiation factor 4A-I (EC 3.6.1.-) (ATP-dependent RNA helicase eIF4A-1) (eIF4A-I) (eIF-4A-I) - Mus musculus (Mouse)	46353	251	112	21	10
P61164	Alpha-centractin (Centractin) (Centrosome-associated actin homolog) (Actin-RPV) (ARP1) - Mus musculus (Mouse)	42701	247	124	27	18
P61161	Actin-like protein 2 (Actin-related protein 2) - Mus musculus (Mouse)	45017	247	124	28	18
P62717	60S ribosomal protein L18a - Mus musculus (Mouse)	21004	242	62	21	13
P80316	T-complex protein 1 subunit epsilon (TCP-1-epsilon) (CCT-epsilon) - Mus musculus (Mouse)	60042	239	102	17	14
Q07813	Apoptosis regulator BAX, membrane isoform alpha - Mus musculus (Mouse)	21495	238	117	14	5
Q8BGD9	Eukaryotic translation initiation factor 4B (eIF-4B) - Mus musculus (Mouse)	68970	238	306	13	16
Q9WVA4	Transgelin-2 - Mus musculus (Mouse)	23810	234	56	14	3
P17183	Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydrolyase) (Neural enolase) (Neuron-specific enolase) (NSE) (Enolase 2) - Mus musculus (Mouse)	47609	228	181	12	15
P61979	Heterogeneous nuclear ribonucleoprotein K - Mus musculus (Mouse)	51230	225	46	18	12
Q9CZM2	60S ribosomal protein L15 - Mus musculus (Mouse)	24245	225	107	21	18
P62843	40S ribosomal protein S15 (RIG protein) - Mus musculus (Mouse)	17029	223	43	15	6

P27924	Ubiquitin-conjugating enzyme E2-25 kDa (EC 6.3.2.19) (Ubiquitin-protein ligase) (Ubiquitin carrier protein) (E2(25K)) (Huntingtin-interacting protein 2) (HIP-2) - Mus musculus (Mouse)	22507	222	88	11	6
P08113	Endoplasmic precursor (Heat shock protein 90 kDa beta member 1) (94 kDa glucose-regulated protein) (GRP94) (ERP99) (Polymorphic tumor rejection antigen 1) (Tumor rejection antigen gp96) - Mus musculus (Mouse)	92703	221	298	25	27
Q6ZQ38	Cullin-associated NEDD8-dissociated protein 1 (Cullin-associated and neddylation-dissociated protein 1) (p120 CAND1) - Mus musculus (Mouse)	137955	221	246	33	27
P62137	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit (EC 3.1.3.16) (PP-1A) - Mus musculus (Mouse)	38257	219	0	6	0
P25444	40S ribosomal protein S2 (S4) (LLRep3 protein) - Mus musculus (Mouse)	31497	217	50	26	19
O70250	Phosphoglycerate mutase 2 (EC 5.4.2.1) (EC 5.4.2.4) (EC 3.1.3.13) (Phosphoglycerate mutase isozyme M) (PGAM-M) (BPG-dependent PGAM 2) (Muscle-specific phosphoglycerate mutase) - Mus musculus (Mouse)	28980	212	160	13	6
P58044	Isopentenyl-diphosphate Delta-isomerase 1 (EC 5.3.3.2) (IPP isomerase 1) (Isopentenyl pyrophosphate isomerase 1) (IPPI1) - Mus musculus (Mouse)	26615	211	0	8	0
P05064	Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Muscle-type aldolase) (Aldolase 1) - Mus musculus (Mouse)	39787	211	567	36	46
O08638	Myosin-11 (Myosin heavy chain 11) (Myosin heavy chain, smooth muscle isoform) (SMMHC) - Mus musculus (Mouse)	227743	211	221	79	76

P62270	40S ribosomal protein S18 (Ke3) (Ke3) - Mus musculus (Mouse)	17708	210	209	15	17
P35979	60S ribosomal protein L12 - Mus musculus (Mouse)	17965	208	389	14	12
P68433	Histone H3.1 - Mus musculus (Mouse)	15509	208	0	37	0
P84244	Histone H3.3 - Mus musculus (Mouse)	15376	208	0	37	0
Q9CZX8	40S ribosomal protein S19 - Mus musculus (Mouse)	16076	206	146	19	11
P30275	Creatine kinase, ubiquitous mitochondrial precursor (EC 2.7.3.2) (U-MtCK) (Mia-CK) (Acidic-type mitochondrial creatine kinase) - Mus musculus (Mouse)	47373	205	121	32	30
P23116	Eukaryotic translation initiation factor 3 subunit 10 (eIF-3 theta) (eIF3 p167) (eIF3 p180) (eIF3 p185) (eIF3a) (p162 protein) (Centrosomin) - Mus musculus (Mouse)	162251	199	166	58	56
P42932	T-complex protein 1 subunit theta (TCP-1-theta) (CCT-theta) - Mus musculus (Mouse)	60088	197	57	23	15
Q9CQN1	Heat shock protein 75 kDa, mitochondrial precursor (HSP 75) (Tumor necrosis factor type 1 receptor-associated protein) (TRAP-1) (TNFR-associated protein 1) - Mus musculus (Mouse)	80501	197	335	13	11
P10630	Eukaryotic initiation factor 4A-II (EC 3.6.1.-) (ATP-dependent RNA helicase eIF4A-2) (eIF4A-II) (eIF-4A-II) - Mus musculus (Mouse)	46601	194	78	17	10
P27659	60S ribosomal protein L3 (J1 protein) - Mus musculus (Mouse)	46380	192	75	25	18
P49722	Proteasome subunit alpha type 2 (EC 3.4.25.1) (Proteasome component C3) (Macropain subunit C3) (Multicatalytic endopeptidase complex subunit C3) - Mus musculus (Mouse)	26023	188	103	16	9
Q9CPR4	60S ribosomal protein L17 (L23) - Mus musculus (Mouse)	21637	187	135	15	14
P51410	60S ribosomal protein L9 - Mus musculus (Mouse)	21982	187	212	17	12

Q8BKC5	Importin beta-3 (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5) - Mus musculus (Mouse)	124993	185	91	12	13
Q9CWS0	NG,NG-dimethylarginine dimethylaminohydrolase 1 (EC 3.5.3.18) (Dimethylargininase-1) (Dimethylarginine dimethylaminohydrolase 1) (DDAHI) (DDAH-1) - Mus musculus (Mouse)	31760	185	51	18	7
Q62093	Splicing factor, arginine/serine-rich 2 (Splicing factor SC35) (SC35) (Splicing component, 35 kDa) (Protein PR264) (Putative myelin regulatory factor 1) (MRF-1) - Mus musculus (Mouse)	25461	184	117	15	19
P15626	Glutathione S-transferase Mu 2 (EC 2.5.1.18) (GST class-mu 2) (Glutathione S-transferase pmGT2) (GST 5-5) - Mus musculus (Mouse)	25871	183	80	22	11
Q8BGQ7	Alanyl-tRNA synthetase, cytoplasmic (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) - Mus musculus (Mouse)	107697	179	216	23	22
P62141	Serine/threonine-protein phosphatase PP1-beta catalytic subunit (EC 3.1.3.16) (PP-1B) - Mus musculus (Mouse)	37961	177	57	4	4
Q9CPU0	Lactoylglutathione lyase (EC 4.4.1.5) (Methylglyoxalase) (Aldoketomutase) (Glyoxalase I) (Glx I) (Ketone-aldehyde mutase) (S-D-lactoylglutathione methylglyoxal lyase) - Mus musculus (Mouse)	20967	174	141	17	8
P31001	Desmin - Mus musculus (Mouse)	53522	169	224	25	31
P10639	Thioredoxin (Trx) (ATL-derived factor) (ADF) - Mus musculus (Mouse)	12010	169	914	22	42
Q55234	Proteasome subunit beta type 5 precursor (EC 3.4.25.1) (Proteasome epsilon chain) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome subunit X) (Proteasome chain 6) - Mus musculus (Mouse)	23123	168	227	10	11

P14824	Annexin A6 (Annexin VI) (Lipocortin VI) (P68) (P70) (Protein III) (Chromobindin-20) (67 kDa calelectrin) (Calphobindin-II) (CPB-II) - Mus musculus (Mouse)	76295	168	591	33	51
P62281	40S ribosomal protein S11 - Mus musculus (Mouse)	18590	166	132	27	28
Q62188	Dihydropyrimidinase-related protein 3 (DRP-3) (Unc-33-like phosphoprotein) (ULIP protein) - Mus musculus (Mouse)	62296	165	0	11	0
P45376	Aldose reductase (EC 1.1.1.21) (AR) (Aldehyde reductase) - Mus musculus (Mouse)	36052	163	37	16	8
P62264	40S ribosomal protein S14 - Mus musculus (Mouse)	16434	163	166	15	11
P09041	Phosphoglycerate kinase, testis specific (EC 2.7.2.3) - Mus musculus (Mouse)	45253	162	73	17	10
Q99K85	Phosphoserine aminotransferase (EC 2.6.1.52) (PSAT) (Endometrial progesterone-induced protein) (EPIP) - Mus musculus (Mouse)	40732	162	541	16	24
P31254	Ubiquitin-activating enzyme E1 Y (Ubiquitin-activating enzyme E1) - Mus musculus (Mouse)	119388	161	77	22	17
P80317	T-complex protein 1 subunit zeta (TCP-1-zeta) (CCT-zeta) (CCT- zeta-1) - Mus musculus (Mouse)	58424	160	52	22	13
P14131	40S ribosomal protein S16 - Mus musculus (Mouse)	16549	160	126	19	16
P48774	Glutathione S-transferase Mu 5 (EC 2.5.1.18) (GST class-mu 5) (Fibrous sheath component 2) (Fsc2) - Mus musculus (Mouse)	27016	160	82	18	9
O88844	Isocitrate dehydrogenase [NADP] cytoplasmic (EC 1.1.1.42) (Cytosolic NADP- isocitrate dehydrogenase) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) - Mus musculus (Mouse)	47030	155	163	15	8
P61255	60S ribosomal protein L26 (Silica-induced gene 20 protein) (SIG-20) - Mus musculus (Mouse)	17248	153	126	24	12

P63158	High mobility group protein B1 (High mobility group protein 1) (HMG-1) - Mus musculus (Mouse)	25049	153	405	25	38
Q7TQI3	Ubiquitin thioesterase protein OTUB1 (EC 3.4.-.-) (Otubain-1) (OTU domain-containing ubiquitin aldehyde-binding protein 1) (Ubiquitin-specific-processing protease OTUB1) (Deubiquitinating enzyme OTUB1) - Mus musculus (Mouse)	31478	152	109	10	7
Q9Z2U1	Proteasome subunit alpha type 5 (EC 3.4.25.1) (Proteasome zeta chain) (Macropain zeta chain) (Multicatalytic endopeptidase complex zeta chain) - Mus musculus (Mouse)	26565	150	38	5	2
P15532	Nucleoside diphosphate kinase A (EC 2.7.4.6) (NDK A) (NDP kinase A) (Tumor metastatic process-associated protein) (Metastasis inhibition factor NM23) (NDPK-A) (nm23-M1) - Mus musculus (Mouse)	17311	150	261	8	13
P29391	Ferritin light chain 1 (Ferritin L subunit 1) - Mus musculus (Mouse)	20847	150	159	6	4
Q9CQ60	6-phosphogluconolactonase (EC 3.1.1.31) (6PGL) - Mus musculus (Mouse)	27465	148	41	11	11
P26638	Seryl-tRNA synthetase, cytoplasmic (EC 6.1.1.11) (Serine--tRNA ligase) (SerRS) - Mus musculus (Mouse)	58865	147	0	12	0
P70696	Histone H2B type 1-A (Histone H2B, testis) (Testis-specific histone H2B) - Mus musculus (Mouse)	14285	146	378	37	51
P14148	60S ribosomal protein L7 - Mus musculus (Mouse)	31457	145	52	14	10
P53657	Pyruvate kinase isozymes R/L (EC 2.7.1.40) (L-PK) - Mus musculus (Mouse)	62612	144	270	26	38
Q8BVI4	Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) - Mus musculus (Mouse)	25782	144	277	7	10
P08228	Superoxide dismutase [Cu-Zn] (EC 1.15.1.1) - Mus musculus (Mouse)	16104	143	32	8	4

Q76MZ3	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform (PP2A, subunit A, PR65-alpha isoform) (PP2A, subunit A, R1-alpha isoform) - Mus musculus (Mouse)	66079	142	242	22	23
Q9R1Q8	Transgelin-3 (Neuronal protein NP25) - Mus musculus (Mouse)	22627	142	60	19	4
Q91VC3	Probable ATP-dependent RNA helicase DDX48 (EC 3.6.1.-) (DEAD box protein 48) - Mus musculus (Mouse)	47095	139	0	11	0
Q9Z1Q5	Chloride intracellular channel protein 1 (Nuclear chloride ion channel 27) (NCC27) - Mus musculus (Mouse)	27338	137	139	9	5
P62918	60S ribosomal protein L8 - Mus musculus (Mouse)	28235	136	75	16	8
Q9D9P2	Coiled-coil domain-containing protein 103 - Mus musculus (Mouse)	26958	136	63	12	7
P26041	Moesin (Membrane-organizing extension spike protein) - Mus musculus (Mouse)	67839	136	127	44	39
P14206	40S ribosomal protein SA (p40) (34/67 kDa laminin receptor) - Mus musculus (Mouse)	32812	131	112	11	9
Q8CGC7	Bifunctional aminoacyl-tRNA synthetase [Includes: Glutamyl-tRNA synthetase (EC 6.1.1.17) (Glutamate--tRNA ligase); Prolyl-tRNA synthetase (EC 6.1.1.15) (Proline--tRNA ligase)] - Mus musculus (Mouse)	171597	130	102	32	29
Q8K045	Serine/threonine-protein kinase N3 (EC 2.7.11.13) (Protein kinase PKN-beta) (Protein-kinase C-related kinase 3) - Mus musculus (Mouse)	99017	130	126	36	27
Q01768	Nucleoside diphosphate kinase B (EC 2.7.4.6) (NDK B) (NDP kinase B) (nm23-M2) (P18) - Mus musculus (Mouse)	17466	130	344	6	21
P62754	40S ribosomal protein S6 (Phosphoprotein NP33) - Mus musculus (Mouse)	28834	127	283	19	15
P26040	Ezrin (p81) (Cytovillin) (Villin-2) - Mus musculus (Mouse)	69478	127	106	27	16
P26043	Radixin (ESP10) - Mus musculus (Mouse)	68672	127	106	23	13

Q9R0Q7	Prostaglandin E synthase 3 (EC 5.3.99.3) (Cytosolic prostaglandin E2 synthase) (cPGES) (Telomerase-binding protein p23) (Hsp90 co-chaperone) (Progesterone receptor complex p23) (Sid 3177) - Mus musculus (Mouse)	18995	124	239	10	11
P62900	60S ribosomal protein L31 - Mus musculus (Mouse)	14454	124	62	12	7
P26039	Talin-1 - Mus musculus (Mouse)	271832	123	161	41	42
Q61879	Myosin-10 (Myosin heavy chain 10) (Myosin heavy chain, nonmuscle IIb) (Nonmuscle myosin heavy chain IIb) (NMMHC II-b) (NMMHC-IIb) (Cellular myosin heavy chain, type B) (Nonmuscle myosin heavy chain-B) (NMMHC-B) - Mus musculus (Mouse)	229824	122	101	65	40
Q9CWH6	Proteasome subunit alpha type 7-like (EC 3.4.25.1) - Mus musculus (Mouse)	28020	121	0	11	0
Q9Z2U0	Proteasome subunit alpha type 7 (EC 3.4.25.1) (Proteasome subunit RC6-1) - Mus musculus (Mouse)	28009	121	253	15	12
P54227	Stathmin (Phosphoprotein p19) (pp19) (Oncoprotein 18) (Op18) (Leukemia-associated phosphoprotein p18) (pp17) (Prosolin) (Metablastin) (Pr22 protein) (Leukemia-associated gene protein) - Mus musculus (Mouse)	17264	121	120	10	12
Q61553	Fascin (Singed-like protein) - Mus musculus (Mouse)	55112	117	307	10	21
Q9QUI0	Transforming protein RhoA precursor - Mus musculus (Mouse)	22110	117	231	11	12
P62855	40S ribosomal protein S26 - Mus musculus (Mouse)	13292	115	59	9	2
P14869	60S acidic ribosomal protein P0 (L10E) - Mus musculus (Mouse)	34366	115	334	28	20
Q8VDM4	26S proteasome non-ATPase regulatory subunit 2 (26S proteasome regulatory subunit RPN1) (26S proteasome regulatory subunit S2) (26S proteasome subunit p97) - Mus musculus (Mouse)	100937	113	157	18	29

P68037	Ubiquitin-conjugating enzyme E2 L3 (EC 6.3.2.19) (Ubiquitin-protein ligase L3) (Ubiquitin carrier protein L3) (UbcM4) - Mus musculus (Mouse)	18021	112	50	8	3
Q9QUM9	Proteasome subunit alpha type 6 (EC 3.4.25.1) (Proteasome iota chain) (Macropain iota chain) (Multicatalytic endopeptidase complex iota chain) - Mus musculus (Mouse)	27811	112	225	18	5
P12970	60S ribosomal protein L7a (Surfeit locus protein 3) - Mus musculus (Mouse)	30129	111	31	15	12
P97311	DNA replication licensing factor MCM6 (Mis5 homolog) - Mus musculus (Mouse)	93721	110	395	20	38
P63073	Eukaryotic translation initiation factor 4E (eIF4E) (eIF-4E) (mRNA cap-binding protein) (eIF-4F 25 kDa subunit) - Mus musculus (Mouse)	25266	110	25	9	5
P57776	Elongation factor 1-delta (EF-1-delta) - Mus musculus (Mouse)	31388	109	35	3	5
Q91WK2	Eukaryotic translation initiation factor 3 subunit 3 (eIF-3 gamma) (eIF3 p40 subunit) (eIF3h) - Mus musculus (Mouse)	39978	109	0	7	0
O35711	Liprin-beta-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein-binding protein 2) (PTPRF-interacting protein-binding protein 2) (Coiled-coil-like protein 1) - Mus musculus (Mouse)	99260	108	79	14	20
Q920E5	Farnesyl pyrophosphate synthetase (FPP synthetase) (FPS) (Farnesyl diphosphate synthetase) (Cholesterol-regulated 39 kDa protein) (CR 39) [Includes: Dimethylallyltransferase (EC 2.5.1.1); Geranyltransferase (EC 2.5.1.10)] - Mus musculus (M	40898	107	43	17	12
P47757	F-actin capping protein subunit beta (CapZ beta) - Mus musculus (Mouse)	31611	107	68	7	4

Q9DBP5	UMP-CMP kinase (EC 2.7.4.14) (Cytidylate kinase) (Deoxycytidylate kinase) (Cytidine monophosphate kinase) (Uridine monophosphate/cytidine monophosphate kinase) (UMP/CMP kinase) (UMP/CMPK) (Uridine monophosphate kinase) - Mus musculus (Mouse)	22379	107	93	12	9
Q61753	D-3-phosphoglycerate dehydrogenase (EC 1.1.1.95) (3-PGDH) (A10) - Mus musculus (Mouse)	57347	105	158	14	18
P62082	40S ribosomal protein S7 - Mus musculus (Mouse)	22113	104	126	9	14
Q9DCH4	Eukaryotic translation initiation factor 3 subunit 5 (eIF-3 epsilon) (eIF3 p47 subunit) (eIF3f) - Mus musculus (Mouse)	38090	104	76	2	1
Q99LD8	NG,NG-dimethylarginine dimethylaminohydrolase 2 (EC 3.5.3.18) (Dimethylargininase-2) (Dimethylarginine dimethylaminohydrolase 2) (DDAHII) (DDAH-2) - Mus musculus (Mouse)	29969	103	92	9	6
Q61768	Kinesin heavy chain (Ubiquitous kinesin heavy chain) (UKHC) - Mus musculus (Mouse)	110223	102	303	43	41
Q9QYX7	Protein piccolo (Aczonin) (Multidomain presynaptic cytomatrix protein) (Brain-derived HLMN protein) - Mus musculus (Mouse)	549115	101	117	114	114
P62852	40S ribosomal protein S25 - Mus musculus (Mouse)	13791	101	100	15	12
Q3TXS7	26S proteasome non-ATPase regulatory subunit 1 (26S proteasome regulatory subunit RPN2) (26S proteasome regulatory subunit S1) - Mus musculus (Mouse)	106689	100	89	16	12
O35660	Glutathione S-transferase Mu 6 (EC 2.5.1.18) (GST class-mu 6) (Glutathione-S-transferase class M5) - Mus musculus (Mouse)	25760	100	37	14	6

P16406	Glutamyl aminopeptidase (EC 3.4.11.7) (EAP) (Aminopeptidase A) (APA) (BP-1/6C3 antigen) - Mus musculus (Mouse)	108401	98	90	48	46
P00342	L-lactate dehydrogenase C chain (EC 1.1.1.27) (LDH-C) (LDH testis subunit) (LDH-X) - Mus musculus (Mouse)	36231	97	122	15	12
O70435	Proteasome subunit alpha type 3 (EC 3.4.25.1) (Proteasome component C8) (Macropain subunit C8) (Multicatalytic endopeptidase complex subunit C8) (Proteasome subunit K) - Mus musculus (Mouse)	28615	95	76	14	9
P53026	60S ribosomal protein L10a (CSA-19) (Protein NEDD6) (Neural precursor cell expressed developmentally down-regulated protein 6) - Mus musculus (Mouse)	25072	95	61	19	8
P30681	High mobility group protein B2 (High mobility group protein 2) (HMG-2) - Mus musculus (Mouse)	24318	94	222	24	24
P27546	Microtubule-associated protein 4 (MAP 4) - Mus musculus (Mouse)	117899	94	41	33	36
P99026	Proteasome subunit beta type 4 precursor (EC 3.4.25.1) (Proteasome beta chain) (Macropain beta chain) (Multicatalytic endopeptidase complex beta chain) (Proteasome chain 3) - Mus musculus (Mouse)	29211	93	289	11	16
Q9JHR7	Insulin-degrading enzyme (EC 3.4.24.56) (Insulysin) (Insulinase) (Insulin protease) - Mus musculus (Mouse)	118438	93	0	12	0
P63028	Translationally-controlled tumor protein (TCTP) (p23) (21 kDa polypeptide) (p21) - Mus musculus (Mouse)	19564	92	216	4	8
Q61937	Nucleophosmin (NPM) (Nucleolar phosphoprotein B23) (Numatrin) (Nucleolar protein NO38) - Mus musculus (Mouse)	32711	92	66	11	15
P14115	60S ribosomal protein L27a (L29) - Mus musculus (Mouse)	16693	92	32	14	5

Q8K183	Pyridoxal kinase (EC 2.7.1.35) (Pyridoxine kinase) - Mus musculus (Mouse)	35278	92	0	5	0
P50247	Adenosylhomocysteinase (EC 3.3.1.1) (S-adenosyl-L-homocysteine hydrolase) (AdoHcyase) (Liver copper-binding protein) (CUBP) - Mus musculus (Mouse)	48170	90	106	10	15
Q61656	Probable ATP-dependent RNA helicase DDX5 (EC 3.6.1.-) (DEAD box protein 5) (RNA helicase p68) (DEAD box RNA helicase DEAD1) (mDEAD1) - Mus musculus (Mouse)	69790	90	43	11	8
Q501J6	Probable ATP-dependent RNA helicase DDX17 (EC 3.6.1.-) (DEAD box protein 17) - Mus musculus (Mouse)	72981	90	43	7	11
P97461	40S ribosomal protein S5 - Mus musculus (Mouse)	23046	89	33	32	18
Q9DBR7	Protein phosphatase 1 regulatory subunit 12A (Myosin phosphatase-targeting subunit 1) (Myosin phosphatase target subunit 1) - Mus musculus (Mouse)	112198	88	67	18	19
Q6P3Y5	Suppressor of hairy wing homolog 3 - Mus musculus (Mouse)	84861	87	142	43	32
Q61598	Rab GDP dissociation inhibitor beta (Rab GDI beta) (Guanosine diphosphate dissociation inhibitor 2) (GDI-2) (GDI-3) - Mus musculus (Mouse)	51018	87	0	8	0
P04104	Keratin, type II cytoskeletal 1 (Cytokeratin-1) (CK-1) (Keratin-1) (K1) (67 kDa cyokeratin) - Mus musculus (Mouse)	65696	87	124	14	27
Q9R1P1	Proteasome subunit beta type 3 (EC 3.4.25.1) (Proteasome theta chain) (Proteasome chain 13) (Proteasome component C10-II) - Mus musculus (Mouse)	23235	87	135	7	7
Q91X97	Neurocalcin-delta - Mus musculus (Mouse)	22345	85	82	8	9
Q6PDI5	Proteasome-associated protein ECM29 homolog (Ecm29) - Mus musculus (Mouse)	205412	85	0	21	0

Q8BU30	Isoleucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) (IRS) - Mus musculus (Mouse)	145533	85	46	30	37
O09061	Proteasome subunit beta type 1 precursor (EC 3.4.25.1) (Proteasome component C5) (Macropain subunit C5) (Multicatalytic endopeptidase complex subunit C5) (Proteasome gamma chain) - Mus musculus (Mouse)	26583	84	94	11	11
Q9CZY3	Ubiquitin-conjugating enzyme E2 variant 1 (UEV-1) (CROC-1) - Mus musculus (Mouse)	16458	83	163	166	201
Q9D2M8	Ubiquitin-conjugating enzyme E2 variant 2 (Ubc-like protein MMS2) - Mus musculus (Mouse)	16413	83	0	165	0
P62821	Ras-related protein Rab-1A (YPT1-related protein) - Mus musculus (Mouse)	22891	82	0	5	0
P26645	Myristoylated alanine-rich C-kinase substrate (MARCKS) - Mus musculus (Mouse)	29701	82	0	2	0
Q80YX1	Tenascin precursor (TN) (Tenascin-C) (TN-C) (Hexabrachion) - Mus musculus (Mouse)	237304	80	200	22	45
P50518	Vacuolar ATP synthase subunit E (EC 3.6.3.14) (V-ATPase E subunit) (Vacuolar proton pump E subunit) (V-ATPase 31 kDa subunit) (P31) - Mus musculus (Mouse)	26685	80	0	15	0
Q9Z1R2	Large proline-rich protein BAT3 (HLA-B-associated transcript 3) - Mus musculus (Mouse)	121475	80	49	15	26
O08810	116 kDa U5 small nuclear ribonucleoprotein component (U5 snRNP-specific protein, 116 kDa) (U5-116 kDa) (Elongation factor Tu GTP-binding domain protein 2) - Mus musculus (Mouse)	110261	80	68	21	25
Q8CIQ7	Dedicator of cytokinesis protein 3 (Modifier of cell adhesion) (Presenilin-binding protein) (PBP) - Mus musculus (Mouse)	234756	80	56	33	26

P16045	Galectin-1 (Lectin galactoside-binding soluble 1) (Beta-galactoside-binding lectin L-14-I) (Lactose-binding lectin 1) (S-Lac lectin 1) (Galaptin) (14 kDa lectin) - Mus musculus (Mouse)	15198	79	85	6	9
Q61206	Platelet-activating factor acetylhydrolase IB subunit beta (EC 3.1.1.47) (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH subunit beta) (PAFAH subunit beta) - Mus musculus (Mouse)	25647	79	98	7	3
Q8BT18	Serine/arginine repetitive matrix protein 2 - Mus musculus (Mouse)	295356	78	70	92	86
Q91ZU6	Bullous pemphigoid antigen 1, isoforms 1/2/3/4 (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) - Mus musculus (Mouse)	838425	78	38	126	100
P43277	Histone H1.3 (H1 VAR.4) (H1d) - Mus musculus (Mouse)	22086	78	99	18	16
Q91Z67	SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2) (Formin-binding protein 27) (FBP-27) - Mus musculus (Mouse)	121920	77	48	11	8
Q8VI56	Low-density lipoprotein receptor-related protein 4 precursor (LDLR dan) - Mus musculus (Mouse)	217151	77	30	19	20
P15864	Histone H1.2 (H1 VAR.1) (H1c) - Mus musculus (Mouse)	21254	77	222	12	29
P28271	Iron-responsive element-binding protein 1 (IRE-BP 1) (Iron regulatory protein 1) (IRP1) (Ferritin repressor protein) (Aconitate hydratase) (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) - Mus musculus (Mouse)	98744	77	122	147	184
P62301	40S ribosomal protein S13 - Mus musculus (Mouse)	17212	77	100	23	14
P47915	60S ribosomal protein L29 - Mus musculus (Mouse)	17633	75	68	9	2

Q88705	Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 3 (Hyperpolarization-activated cation channel 3) (HAC-3) - Mus musculus (Mouse)	87042	75	67	8	15
Q64467	Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (EC 1.2.1.12) (Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2) (GAPDH-2) - Mus musculus (Mouse)	48367	75	781	26	29
P62751	60S ribosomal protein L23a - Mus musculus (Mouse)	17684	75	49	16	12
P25206	DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (P1-MCM3) - Mus musculus (Mouse)	92230	74	185	15	15
Q920R0	Alsin (Amyotrophic lateral sclerosis protein 2 homolog) - Mus musculus (Mouse)	184207	74	88	72	75
P63042	Stathmin-4 (Stathmin-like protein B3) (RB3) - Mus musculus (Mouse)	22301	74	53	8	5
P55821	Stathmin-2 (SCG10 protein) (Superior cervical ganglion-10 protein) - Mus musculus (Mouse)	20929	74	73	6	7
P07310	Creatine kinase M-type (EC 2.7.3.2) (Creatine kinase M chain) (M-CK) - Mus musculus (Mouse)	43246	73	107	31	28
Q8JZK9	Hydroxymethylglutaryl-CoA synthase, cytoplasmic (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) - Mus musculus (Mouse)	58160	72	49	15	4
Q9CXW4	60S ribosomal protein L11 - Mus musculus (Mouse)	20468	72	79	11	7
P11440	Cell division control protein 2 homolog (EC 2.7.11.22) (EC 2.7.11.23) (p34 protein kinase) (Cyclin-dependent kinase 1) (CDK1) - Mus musculus (Mouse)	34142	72	0	6	0
Q11011	Puromycin-sensitive aminopeptidase (EC 3.4.11.-) (PSA) - Mus musculus (Mouse)	103970	71	141	30	26

Q9EST5	Acidic leucine-rich nuclear phosphoprotein 32 family member B (Proliferation-related acidic leucine-rich protein PAL31) - Mus musculus (Mouse)	31231	71	89	8	4
Q8BGY2	Eukaryotic translation initiation factor 5A-2 (eIF-5A-2) (eIF-5A2) (Eukaryotic initiation factor 5A isoform 2) - Mus musculus (Mouse)	17124	70	331	6	14
Q9D1H6	UPF0240 protein C6orf66 homolog - Mus musculus (Mouse)	20070	70	38	6	9
Q811J3	Iron-responsive element-binding protein 2 (IRE-BP 2) (Iron regulatory protein 2) (IRP2) - Mus musculus (Mouse)	105896	69	119	142	176
P60867	40S ribosomal protein S20 - Mus musculus (Mouse)	13478	69	37	4	2
Q9EQH3	Vacuolar protein sorting-associated protein 35 (Vesicle protein sorting 35) (Maternal-embryonic 3) - Mus musculus (Mouse)	92453	68	28	18	7
P16546	Spectrin alpha chain, brain (Spectrin, non-erythroid alpha chain) (Alpha-II spectrin) (Fodrin alpha chain) - Mus musculus (Mouse)	285221	68	86	66	69
Q91Z69	SLIT-ROBO Rho GTPase-activating protein 1 (srGAP1) (Rho GTPase-activating protein 13) - Mus musculus (Mouse)	122266	68	0	9	0
P55200	Zinc finger protein HRX (ALL-1) - Mus musculus (Mouse)	434172	67	26	39	44
P54276	DNA mismatch repair protein MSH6 (MutS-alpha 160 kDa subunit) (G/T mismatch-binding protein) (GTBP) (GTMBP) (p160) - Mus musculus (Mouse)	152805	67	0	17	0
Q9D8W5	26S proteasome non-ATPase regulatory subunit 12 (26S proteasome regulatory subunit p55) - Mus musculus (Mouse)	53243	67	78	7	11
P03966	N-myc proto-oncogene protein - Mus musculus (Mouse)	49998	65	46	18	17
Q8CAY6	Acetyl-CoA acetyltransferase, cytosolic (EC 2.3.1.9) (Cytosolic acetoacetyl-CoA thiolase) - Mus musculus (Mouse)	41727	65	18	9	6

P97820	Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.1) (MAPK/ERK kinase kinase 4) (MEK kinase kinase 4) (MEKKK 4) (HPK/GCK-like kinase HGK) (Nck-interacting kinase) - Mus musculus (Mouse)	141257	65	54	15	17
O08788	Dynactin-1 (150 kDa dynein-associated polypeptide) (DP-150) (DAP-150) (p150-glued) - Mus musculus (Mouse)	142320	64	70	19	19
O55236	mRNA capping enzyme (HCE) (MCE1) [Includes: Polynucleotide 5~-triphosphatase (EC 3.1.3.33) (mRNA 5~-triphosphatase) (TPase); mRNA guanylyltransferase (EC 2.7.7.50) (GTP--RNA guanylyltransferase) (GTase)] - Mus musculus (Mouse)	69495	64	33	33	15
Q8R5F3	Uncharacterized protein C6orf130 homolog - Mus musculus (Mouse)	17367	64	29	31	23
O88811	Signal transducing adapter molecule 2 (STAM-2) (Hrs-binding protein) - Mus musculus (Mouse)	57818	63	18	24	12
P03995	Glial fibrillary acidic protein, astrocyte (GFAP) - Mus musculus (Mouse)	49935	63	90	22	20
Q80X90	Filamin-B (FLN-B) (Beta-filamin) (Actin-binding-like protein) (ABP-280-like protein) - Mus musculus (Mouse)	280031	63	279	32	41
Q923A2	Coiled-coil domain-containing protein 99 - Mus musculus (Mouse)	70820	63	0	15	0
Q80X50	Ubiquitin-associated protein 2-like - Mus musculus (Mouse)	116842	63	54	4	5
Q9D289	Trafficking protein particle complex subunit 6B - Mus musculus (Mouse)	18152	62	69	9	9
Q9Z1F9	SUMO-activating enzyme subunit 2 (EC 6.3.2.-) (Ubiquitin-like 1-activating enzyme E1B) (Anthracycline-associated resistance ARX) - Mus musculus (Mouse)	71209	62	77	10	14

Q9R0P5	Destrin (Actin-depolymerizing factor) (ADF) (Sid 23) - Mus musculus (Mouse)	18852	61	81	8	7
P11679	Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK-8) (Keratin-8) (K8) (Cytokeratin endo A) - Mus musculus (Mouse)	54531	61	175	13	29
P12813	Orphan nuclear receptor NR4A1 (Orphan nuclear receptor HMR) (Nuclear hormone receptor NUR/77) (N10 nuclear protein) - Mus musculus (Mouse)	66009	61	31	7	10
P80315	T-complex protein 1 subunit delta (TCP-1-delta) (CCT-delta) (A45) - Mus musculus (Mouse)	58543	61	59	15	18
Q5XJY5	Coatmer subunit delta (Delta-coat protein) (Delta-COP) (Archain) - Mus musculus (Mouse)	57637	61	45	10	8
P62991	Ubiquitin - Mus musculus (Mouse)	8560	61	54	11	8
Q91VX2	Ubiquitin-associated protein 2 (Protein lingerer homolog 1) (MLig-1) - Mus musculus (Mouse)	118293	60	41	10	9
P47753	F-actin capping protein subunit alpha-1 (CapZ alpha-1) - Mus musculus (Mouse)	33090	60	33	7	9
P47754	F-actin capping protein subunit alpha-2 (CapZ alpha-2) - Mus musculus (Mouse)	33118	60	33	5	6
P35278	Ras-related protein Rab-5C - Mus musculus (Mouse)	23626	60	79	4	12
Q6URW6	Myosin-14 (Myosin heavy chain 14) (Myosin heavy chain, nonmuscle IIc) (Nonmuscle myosin heavy chain IIc) (NMHC II-C) - Mus musculus (Mouse)	229359	60	48	53	44
P97822	Acidic leucine-rich nuclear phosphoprotein 32 family member E (LANP-like protein) (LANP-L) (Cerebellar postnatal development protein 1) - Mus musculus (Mouse)	29832	60	0	7	0
P59999	Actin-related protein 2/3 complex subunit 4 (ARP2/3 complex 20 kDa subunit) (p20-ARC) - Mus musculus (Mouse)	19768	60	0	6	0

P62748	Hippocalcin-like protein 1 (Visinin-like protein 3) (VILIP-3) (Neural visinin-like protein 3) (NVL-3) (NVP-3) - Mus musculus (Mouse)	22438	59	97	13	10
Q9WUJ8	Origin recognition complex subunit 6 - Mus musculus (Mouse)	29683	59	37	13	7
P67984	60S ribosomal protein L22 (Heparin-binding protein HBp15) - Mus musculus (Mouse)	14807	59	48	7	6
Q9DCT8	Cysteine-rich protein 2 (CRP2) (Heart LIM protein) - Mus musculus (Mouse)	23510	58	17	2	1
P08249	Malate dehydrogenase, mitochondrial precursor (EC 1.1.1.37) - Mus musculus (Mouse)	36030	58	31	13	5
Q62084	Protein phosphatase 1 regulatory subunit 14B (Phosphatase holoenzyme inhibitor 1) (PHI-1) (Phospholipase C beta 3 neighbouring gene protein) - Mus musculus (Mouse)	16061	58	14	4	2
P97427	Dihydropyrimidinase-related protein 1 (DRP-1) (Collapsin response mediator protein 1) (CRMP-1) (ULIP3 protein) - Mus musculus (Mouse)	62471	57	0	13	0
Q9CXW3	Calcyclin-binding protein (CacyBP) (Siah-interacting protein) - Mus musculus (Mouse)	26608	57	39	7	13
P62830	60S ribosomal protein L23 - Mus musculus (Mouse)	14970	57	89	15	5
Q9QUR6	Prolyl endopeptidase (EC 3.4.21.26) (Post-proline cleaving enzyme) (PE) - Mus musculus (Mouse)	81669	56	20	15	18
Q62261	Spectrin beta chain, brain 1 (Spectrin, non-erythroid beta chain 1) (Beta-II spectrin) (Fodrin beta chain) - Mus musculus (Mouse)	274908	56	54	48	48
P60335	Poly(rC)-binding protein 1 (Alpha CP1) (hnRNP-E1) - Mus musculus (Mouse)	37987	56	350	9	13

P62960	Nuclease sensitive element-binding protein 1 (Y-box-binding protein 1) (Y-box transcription factor) (YB-1) (CCAAT-binding transcription factor I subunit A) (CBF-A) (Enhancer factor I subunit A) (EFI-A) (DNA-binding protein B) (DBPB) - Mus musculus (	35709	56	126	6	10
Q9ERU9	E3 SUMO-protein ligase RanBP2 (Ran-binding protein 2) - Mus musculus (Mouse)	344640	56	49	40	53
P83741	Serine/threonine-protein kinase WNK1 (EC 2.7.11.1) (Protein kinase with no lysine 1) (Protein kinase, lysine-deficient 1) - Mus musculus (Mouse)	251978	56	36	18	27
Q99020	Heterogeneous nuclear ribonucleoprotein A/B (hnRNP A/B) (CArG-binding factor-A) (CBF-A) - Mus musculus (Mouse)	30926	56	138	5	11
O08709	Peroxiredoxin-6 (EC 1.11.1.15) (Antioxidant protein 2) (1-Cys peroxiredoxin) (1-Cys PRX) (Acidic calcium-independent phospholipase A2) (EC 3.1.1.-) (aiPLA2) (Non-selenium glutathione peroxidase) (EC 1.11.1.7) (NSGPx) - Mus musculus (Mouse)	24969	56	29	5	3
Q64674	Spermidine synthase (EC 2.5.1.16) (Putrescine aminopropyltransferase) (SPDSY) - Mus musculus (Mouse)	34543	55	29	4	7
Q9D868	Peptidyl-prolyl cis-trans isomerase H (EC 5.2.1.8) (PPIase H) (Rotamase H) - Mus musculus (Mouse)	20735	55	31	7	6
P24369	Peptidyl-prolyl cis-trans isomerase B precursor (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin B) (S-cyclophilin) (SCYLP) (CYP-S1) - Mus musculus (Mouse)	22699	55	31	6	3
P30412	Peptidyl-prolyl cis-trans isomerase C (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin C) - Mus musculus (Mouse)	22894	55	0	5	0

Q640P2	Angiopoietin-related protein 1 precursor (Angiopoietin-like 1) - Mus musculus (Mouse)	56743	55	41	21	28
Q61390	T-complex protein 1 subunit zeta 2 (TCP-1-zeta-2) (CCT-zeta-2) (Cctz-2) - Mus musculus (Mouse)	58661	55	52	15	8
Q64514	Tripeptidyl-peptidase 2 (EC 3.4.14.10) (Tripeptidyl-peptidase II) (TPP-II) (Tripeptidyl aminopeptidase) - Mus musculus (Mouse)	141330	54	76	24	20
P97310	DNA replication licensing factor MCM2 (Minichromosome maintenance protein 2 homolog) (Nuclear protein BM28) - Mus musculus (Mouse)	102698	54	168	30	15
Q8BFY9	Transportin-1 (Importin beta-2) (Karyopherin beta-2) - Mus musculus (Mouse)	102729	54	43	10	12
Q4VGL6	Roquin (RING finger and C3H zinc finger protein 1) (Sanroque protein) - Mus musculus (Mouse)	126269	54	54	23	17
Q8BHG1	Nardilysin precursor (EC 3.4.24.61) (N-arginine dibasic convertase) (NRD convertase) (NRD-C) - Mus musculus (Mouse)	133720	53	54	13	21
Q99LX0	Protein DJ-1 - Mus musculus (Mouse)	20236	53	178	9	9
Q9JIC3	DNA cross-link repair 1A protein - Mus musculus (Mouse)	115206	52	19	34	14
Q7TSG2	RNA polymerase II subunit A C-terminal domain phosphatase (EC 3.1.3.16) (TFIIF-associating CTD phosphatase) - Mus musculus (Mouse)	105516	52	0	9	0
Q9R194	Cryptochrome-2 - Mus musculus (Mouse)	67549	52	42	21	18
P97784	Cryptochrome-1 - Mus musculus (Mouse)	68813	52	42	21	18
Q8BMJ2	Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS) - Mus musculus (Mouse)	135360	52	45	47	33
P62492	Ras-related protein Rab-11A (Rab-11) - Mus musculus (Mouse)	24492	52	0	8	0

P08551	Neurofilament triplet L protein (68 kDa neurofilament protein) (Neurofilament light polypeptide) (NF-L) - Mus musculus (Mouse)	61528	51	36	17	12
P56198	Cell death activator CIDE-3 (Cell death-inducing DFFA-like effector protein C) (Fat-specific protein FSP27) - Mus musculus (Mouse)	27502	51	39	8	14
P63323	40S ribosomal protein S12 - Mus musculus (Mouse)	14858	50	0	8	0
O54887	Testis-specific serine kinase substrate (Testis-specific kinase substrate) (STK22 substrate 1) - Mus musculus (Mouse)	64221	50	21	16	12
P20357	Microtubule-associated protein 2 (MAP 2) - Mus musculus (Mouse)	199259	50	22	30	25
Q6P8J7	Creatine kinase, sarcomeric mitochondrial precursor (EC 2.7.3.2) (S-MtCK) - Mus musculus (Mouse)	47899	50	66	26	26
P41105	60S ribosomal protein L28 - Mus musculus (Mouse)	15781	49	41	19	11
Q62203	Splicing factor 3A subunit 2 (Spliceosome-associated protein 62) (SAP 62) (SF3a66) - Mus musculus (Mouse)	49994	49	0	5	0
P80313	T-complex protein 1 subunit eta (TCP-1-eta) (CCT-eta) - Mus musculus (Mouse)	60127	49	50	11	13
P49025	Citron Rho-interacting kinase (EC 2.7.11.1) (CRIK) (Rho-interacting, serine/threonine-protein kinase 21) - Mus musculus (Mouse)	237294	49	67	67	81
P61089	Ubiquitin-conjugating enzyme E2 N (EC 6.3.2.19) (Ubiquitin-protein ligase N) (Ubiquitin carrier protein N) (Ubc13) (Bendless-like ubiquitin-conjugating enzyme) - Mus musculus (Mouse)	17184	49	31	7	2
Q8K2Z4	Condensin complex subunit 1 (Non-SMC condensin I complex subunit D2) (Chromosome condensation-related SMC-associated protein 1) (Chromosome-associated protein D2) (mCAP-D2) (XCAP-D2 homolog) - Mus musculus (Mouse)	156821	49	0	9	0

P34022	Ran-specific GTPase-activating protein (Ran-binding protein 1) (RANBP1) (HpaII tiny fragments locus 9a protein) - Mus musculus (Mouse)	23753	49	24	5	10
Q6XUX1	Receptor-interacting serine/threonine-protein kinase 5 (EC 2.7.11.1) (Dusty protein kinase) (Dusty PK) - Mus musculus (Mouse)	106203	49	0	15	0
Q80T14	Extracellular matrix protein FRAS1 precursor - Mus musculus (Mouse)	453595	48	109	24	19
Q8CI51	PDZ and LIM domain protein 5 (Enigma homolog) (Enigma-like PDZ and LIM domains protein) - Mus musculus (Mouse)	64544	48	0	18	0
Q9CQ65	S-methyl-5-thioadenosine phosphorylase (EC 2.4.2.28) (5-methylthioadenosine phosphorylase) (MTA phosphorylase) (MTAPase) - Mus musculus (Mouse)	31612	48	36	7	5
O55029	Coatamer subunit beta~ (Beta~coat protein) (Beta~-COP) (p102) - Mus musculus (Mouse)	103240	48	31	4	8
P70168	Importin beta-1 subunit (Karyopherin beta-1 subunit) (Nuclear factor P97) (Pore targeting complex 97 kDa subunit) (PTAC97) (SCG) - Mus musculus (Mouse)	98345	48	17	13	17
Q9WUU9	80 kDa MCM3-associated protein (GANP protein) - Mus musculus (Mouse)	219228	48	32	17	19
Q8R0W0	Epiplakin - Mus musculus (Mouse)	726989	48	25	49	50
Q921Q7	Ras and Rab interactor 1 (Ras interaction/interference protein 1) - Mus musculus (Mouse)	83703	48	0	15	0
P63154	Crooked neck-like protein 1 (Crooked neck homolog) - Mus musculus (Mouse)	83649	48	0	10	0
Q9EQZ6	Rap guanine nucleotide exchange factor 4 (cAMP-regulated guanine nucleotide exchange factor II) (cAMP-GEFII) (Exchange factor directly activated by cAMP 2) (Epac 2) (cAMP-dependent Rap1 guanine nucleotide exchange factor) - Mus musculus (Mouse)	116444	47	23	20	12

Q6NZJ6	Eukaryotic translation initiation factor 4 gamma 1 (eIF-4-gamma 1) (eIF-4G1) (eIF-4G 1) - Mus musculus (Mouse)	176823	47	113	30	18
Q8CDK3	IQ and ubiquitin-like domain-containing protein FLJ35834 homolog - Mus musculus (Mouse)	92756	47	30	10	4
Q91XQ0	Ciliary dynein heavy chain 8 (Axonemal beta dynein heavy chain 8) - Mus musculus (Mouse)	544766	47	51	77	64
Q8VHE6	Ciliary dynein heavy chain 5 (Axonemal beta dynein heavy chain 5) (Mdnah5) - Mus musculus (Mouse)	531101	47	44	83	72
Q8BJY1	26S proteasome non-ATPase regulatory subunit 5 (26S proteasome subunit S5B) (26S protease subunit S5 basic) - Mus musculus (Mouse)	56336	47	41	26	13
Q8BGR5	Protein FAM53B - Mus musculus (Mouse)	47221	47	41	19	12
Q9CR16	40 kDa peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-40) (CYP-40) - Mus musculus (Mouse)	41116	47	0	9	0
Q07133	Histone H1t (Testicular H1 histone) - Mus musculus (Mouse)	21527	46	72	54	69
P97412	Lysosomal-trafficking regulator (Beige protein) (CHS1 homolog) - Mus musculus (Mouse)	430549	46	27	33	31
Q61699	Heat-shock protein 105 kDa (Heat shock-related 100 kDa protein E71) (HSP-E71) (Heat shock 110 kDa protein) (42 degrees C-HSP) - Mus musculus (Mouse)	97316	46	48	18	13
Q9D2Y5	Sorting nexin-20 - Mus musculus (Mouse)	36432	45	0	8	0
P15331	Peripherin - Mus musculus (Mouse)	54349	45	181	10	28
Q9JKV1	Adhesion-regulating molecule 1 precursor (110 kDa cell membrane glycoprotein) (Gp110) (ARM-1) - Mus musculus (Mouse)	42342	45	26	7	3
Q8CDN8	Coiled-coil domain-containing protein 38 - Mus musculus (Mouse)	65908	45	95	15	11

Q35071	Kinesin-like protein KIF1C - Mus musculus (Mouse)	123213	45	104	47	23
Q60575	Kinesin-like protein KIF1B - Mus musculus (Mouse)	205322	45	95	30	36
P33173	Kinesin-like protein KIF1A (Axonal transporter of synaptic vesicles) - Mus musculus (Mouse)	193144	45	108	25	22
Q9JKP5	Muscleblind-like protein (Triplet-expansion RNA-binding protein) - Mus musculus (Mouse)	37807	45	63	244	281
P70338	Zinc finger protein Gfi-1 (Growth factor independence 1) - Mus musculus (Mouse)	46986	45	39	17	23
Q8K386	Ras-related protein Rab-15 - Mus musculus (Mouse)	24588	44	74	4	6
Q8CIB9	N-acetyltransferase ESCO2 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 2) (ECO1 homolog 2) - Mus musculus (Mouse)	68314	44	0	11	0
P62267	40S ribosomal protein S23 - Mus musculus (Mouse)	15969	44	23	12	4
Q64237	Dopamine beta-hydroxylase precursor (EC 1.14.17.1) (Dopamine beta-monooxygenase) - Mus musculus (Mouse)	71054	44	23	7	5
Q8BJU0	Small glutamine-rich tetratricopeptide repeat-containing protein A - Mus musculus (Mouse)	34529	43	0	1	0
P62315	Small nuclear ribonucleoprotein Sm D1 (snRNP core protein D1) (Sm-D1) (Sm-D autoantigen) - Mus musculus (Mouse)	13273	43	0	3	0
Q9Z277	Bromodomain adjacent to zinc finger domain protein 1B (Williams-Beuren syndrome chromosome region 9 protein homolog) (WBR9) - Mus musculus (Mouse)	172392	43	17	26	34
Q64105	Sepiapterin reductase (EC 1.1.1.153) (SPR) - Mus musculus (Mouse)	28208	43	27	9	5
Q6Y4S4	Metastasis-suppressor KiSS-1 precursor (Kisspeptin-1) [Contains: Metastin (Kisspeptin-52); Kisspeptin-10 (Metastin45-54)] - Mus musculus (Mouse)	14279	42	31	6	1

Q69Z69	N-acetyltransferase ESCO1 (EC 2.3.1.-) (Establishment of cohesion 1 homolog 1) (ECO1 homolog 1) - Mus musculus (Mouse)	96365	42	173	56	124
P70398	Probable ubiquitin carboxyl-terminal hydrolase FAF-X (EC 3.1.2.15) (Ubiquitin thioesterase FAF-X) (Ubiquitin-specific-processing protease FAF-X) (Deubiquitinating enzyme FAF-X) (Fat facets protein-related, X-linked) (Ubiquitin-specific protease 9, X)	293895	42	28	57	61
Q9D415	Disks large-associated protein 1 (DAP-1) (Guanylate kinase-associated protein) (SAP90/PSD-95-associated protein 1) (SAPAP1) (PSD-95/SAP90-binding protein 1) - Mus musculus (Mouse)	111559	42	0	21	0
Q3TY86	Apoptosis-inducing factor-like protein (EC 1.-.-.-) - Mus musculus (Mouse)	67377	42	26	28	30
P12815	Programmed cell death protein 6 (Probable calcium-binding protein ALG-2) (PMP41) (ALG-257) - Mus musculus (Mouse)	21911	42	19	1	2
Q8R1S0	Ubiquinone biosynthesis monooxygenase COQ6 (EC 1.14.13.-) - Mus musculus (Mouse)	50959	42	92	10	17
Q9WUM4	Coronin-1C (Coronin-3) - Mus musculus (Mouse)	53771	42	28	18	21
Q9ERK4	Exportin-2 (Exp2) (Importin-alpha re-exporter) (Chromosome segregation 1-like protein) - Mus musculus (Mouse)	111183	42	153	26	44
Q99LG2	Transportin-2 (Karyopherin beta-2b) - Mus musculus (Mouse)	101930	42	32	7	5
P21180	Complement C2 precursor (EC 3.4.21.43) (C3/C5 convertase) [Contains: Complement C2b fragment; Complement C2a fragment] - Mus musculus (Mouse)	85927	42	19	17	3
Q91VW5	Golgin subfamily A member 4 (tGolgin-1) - Mus musculus (Mouse)	258832	41	60	46	39

Q80Z38	SH3 and multiple ankyrin repeat domains protein 2 (Shank2) (Cortactin-binding protein 1) (CortBP1) - Mus musculus (Mouse)	159394	41	57	21	26
O88291	Zinc finger protein 326 (Zinc finger protein-associated with nuclear matrix of 75 kDa) - Mus musculus (Mouse)	65641	41	55	5	3
Q9WV89	Syntaxin-binding protein 4 (Syntaxin 4-interacting protein) (STX4-interacting protein) (Synip) - Mus musculus (Mouse)	62335	41	19	11	6
Q9CZW4	Long-chain-fatty-acid--CoA ligase 3 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 3) (LACS 3) - Mus musculus (Mouse)	81481	41	37	13	10
Q3UBX0	Transmembrane protein 109 precursor (Mitsugumin-23) (Mg23) - Mus musculus (Mouse)	26346	41	22	9	11
Q8R4K8	Pappalysin-1 precursor (EC 3.4.24.79) (Pregnancy-associated plasma protein-A) (PAPP-A) (Insulin-like growth factor-dependent IGF-binding protein 4 protease) (IGF-dependent IGFBP-4 protease) (IGFBP-4ase) - Mus musculus (Mouse)	185990	41	43	25	15
P30416	FK506-binding protein 4 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (p59 protein) (HSP-binding immunophilin) (HBI) (FKBP52 protein) (52 kDa FK506-binding protein) (FKBP59) - Mus musculus (Mouse)	51939	40	62	8	8
P49718	DNA replication licensing factor MCM5 (CDC46 homolog) (P1-CDC46) - Mus musculus (Mouse)	83145	40	20	18	21
Q8VDR7	dTDP-D-glucose 4,6-dehydratase (EC 4.2.1.46) - Mus musculus (Mouse)	40857	40	0	5	0
Q9D6I3	Profilin-4 (Profilin IV) - Mus musculus (Mouse)	14578	39	0	7	0

Q8BYH8	Chromodomain-helicase-DNA-binding protein 9 (EC 3.6.1.-) (ATP-dependent helicase CHD9) (CHD-9) (Peroxisomal proliferator-activated receptor A-interacting complex 320 kDa protein) (PPAR-alpha-interacting complex protein 320 kDa) - Mus musculus (Mouse)	325826	39	27	49	27
P84099	60S ribosomal protein L19 - Mus musculus (Mouse)	23565	39	47	13	8
Q8R1A4	Dedicator of cytokinesis protein 7 - Mus musculus (Mouse)	243167	39	0	17	0
O70251	Elongation factor 1-beta (EF-1-beta) - Mus musculus (Mouse)	24849	39	102	7	10
P06745	Glucose-6-phosphate isomerase (EC 5.3.1.9) (GPI) (Phosphoglucose isomerase) (PGI) (Phosphohexose isomerase) (PHI) (Neuroleukin) (NLK) - Mus musculus (Mouse)	62956	39	107	12	22
Q61839	C-type natriuretic peptide precursor [Contains: CNP-22; CNP-29; CNP-53] - Mus musculus (Mouse)	13483	39	0	6	0
Q923G2	DNA-directed RNA polymerases I, II, and III 17.1 kDa polypeptide (EC 2.7.7.6) (RPB17) (RPB8) - Mus musculus (Mouse)	17189	39	0	3	0
Q62168	Keratin, type I cuticular Ha2 (Hair keratin, type I Ha2) (Keratin-32) - Mus musculus (Mouse)	47501	39	36	9	6
P70195	Proteasome subunit beta type 7 precursor (EC 3.4.25.1) (Proteasome subunit Z) (Macropain chain Z) (Multicatalytic endopeptidase complex chain Z) - Mus musculus (Mouse)	30214	39	40	8	7
P19246	Neurofilament triplet H protein (200 kDa neurofilament protein) (Neurofilament heavy polypeptide) (NF-H) - Mus musculus (Mouse)	117209	38	0	22	0
Q80YA8	Crumbs homolog 2 (Crumbs-like protein 2) (Fragment) - Mus musculus (Mouse)	136931	38	0	5	0

Q9D009	Lipoyltransferase 1, mitochondrial precursor (EC 6.-.-) (Lipoate-protein ligase) (Lipoate biosynthesis protein) (Lipoyl ligase) - Mus musculus (Mouse)	42746	38	42	11	19
Q62522	Zona pellucida-binding protein 1 precursor (Sp38) - Mus musculus (Mouse)	40118	38	42	8	12
Q99PG2	Opioid growth factor receptor (OGFr) (Zeta-type opioid receptor) - Mus musculus (Mouse)	71206	38	24	8	7
Q99PJ2	Tripartite motif-containing protein 8 (RING finger protein 27) (Glioblastoma-expressed RING finger protein) - Mus musculus (Mouse)	63105	38	0	11	0
Q9CYF5	Williams-Beuren syndrome chromosome region 16 protein homolog - Mus musculus (Mouse)	50704	38	28	7	6
Q68FL6	Methionyl-tRNA synthetase, cytoplasmic (EC 6.1.1.10) (Methionine--tRNA ligase) (MetRS) - Mus musculus (Mouse)	102735	38	35	19	8
Q9D6Z1	Nucleolar protein Nop56 (Nucleolar protein 5A) - Mus musculus (Mouse)	64880	38	39	14	13
P63163	Small nuclear ribonucleoprotein-associated protein N (snRNP-N) (Sm protein N) (Sm-N) (SmN) (Sm-D) (Tissue-specific-splicing protein) - Mus musculus (Mouse)	24769	38	17	7	9
P08553	Neurofilament triplet M protein (160 kDa neurofilament protein) (Neurofilament medium polypeptide) (NF-M) - Mus musculus (Mouse)	96098	38	0	12	0
Q91VR5	ATP-dependent RNA helicase DDX1 (EC 3.6.1.-) (DEAD box protein 1) - Mus musculus (Mouse)	83474	38	0	12	0
Q99MR6	Arsenite-resistance protein 2 - Mus musculus (Mouse)	100846	38	50	18	8
Q9D8N3	Transmembrane protein 86A - Mus musculus (Mouse)	26541	38	27	30	17

Q9QWL7	Keratin, type I cytoskeletal 17 (Cytokeratin-17) (CK-17) (Keratin-17) (K17) - Mus musculus (Mouse)	48417	38	46	14	11
Q61781	Keratin, type I cytoskeletal 14 (Cytokeratin-14) (CK-14) (Keratin-14) (K14) - Mus musculus (Mouse)	53176	38	37	10	10
Q8CH62	Oral cancer overexpressed protein 1 homolog - Mus musculus (Mouse)	15383	37	31	14	15
Q60848	Lymphocyte-specific helicase (EC 3.6.1.-) (Proliferation associated SNF2-like protein) - Mus musculus (Mouse)	95806	37	35	10	12
Q8CCP0	Serologically defined colon cancer antigen 1 - Mus musculus (Mouse)	121739	37	31	21	33
Q9D0Q7	39S ribosomal protein L45, mitochondrial precursor (L45mt) (MRP-L45) - Mus musculus (Mouse)	35616	37	0	3	0
O08648	Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) - Mus musculus (Mouse)	181602	37	16	19	23
P08730	Keratin, type I cytoskeletal 13 (Cytokeratin-13) (CK-13) (Keratin-13) (K13) (47 kDa cytokeratin) - Mus musculus (Mouse)	48066	37	46	13	12
P19001	Keratin, type I cytoskeletal 19 (Cytokeratin-19) (CK-19) (Keratin-19) (K19) - Mus musculus (Mouse)	44515	37	46	11	12
P05784	Keratin, type I cytoskeletal 18 (Cytokeratin-18) (CK-18) (Keratin-18) (K18) (Cytokeratin endo B) (Keratin D) - Mus musculus (Mouse)	47475	37	46	10	12
Q9Z2K1	Keratin, type I cytoskeletal 16 (Cytokeratin-16) (CK-16) (Keratin-16) (K16) - Mus musculus (Mouse)	51973	37	37	7	8
Q61414	Keratin, type I cytoskeletal 15 (Cytokeratin-15) (CK-15) (Keratin-15) (K15) - Mus musculus (Mouse)	49278	37	46	4	7

Q61765	Keratin, type I cuticular Ha1 (Hair keratin, type I Ha1) (Keratin-31) (HKA-1) - Mus musculus (Mouse)	48906	37	0	3	0
O35664	Interferon-alpha/beta receptor beta chain precursor (IFN-alpha-REC) (Type I interferon receptor) (IFN-R) (Interferon alpha/beta receptor 2) - Mus musculus (Mouse)	57160	37	21	11	6
P11881	Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (Inositol 1,4,5-trisphosphate-binding protein P400) (Purkinje cell protein 1) (Protein PCD-6) - Mu	316420	37	42	48	41
P26618	Alpha platelet-derived growth factor receptor precursor (EC 2.7.10.1) (PDGF-R-alpha) (CD140a antigen) - Mus musculus (Mouse)	123619	37	73	160	178
Q68ED2	Metabotropic glutamate receptor 7 precursor (mGluR7) - Mus musculus (Mouse)	103750	37	33	13	8
Q9JIF7	Coatomer subunit beta (Beta-coat protein) (Beta-COP) - Mus musculus (Mouse)	108138	37	22	15	15
O89112	LanC-like protein 1 (40 kDa erythrocyte membrane protein) (p40) - Mus musculus (Mouse)	46053	37	0	7	0
Q9ET77	Junctophilin-3 (Junctophilin type 3) (JP-3) - Mus musculus (Mouse)	81579	37	31	20	22
O88693	Ceramide glucosyltransferase (EC 2.4.1.80) (Glucosylceramide synthase) (GCS) (UDP-glucose:N-acylsphingosine D-glucosyltransferase) (UDP-glucose ceramide glucosyltransferase) (GLCT-1) - Mus musculus (Mouse)	45436	37	50	7	7
P46660	Alpha-internexin (Alpha-Inx) (66 kDa neurofilament protein) (Neurofilament-66) (NF-66) - Mus musculus (Mouse)	55879	36	0	7	0

P46664	Adenylosuccinate synthetase isozyme 2 (EC 6.3.4.4) (Adenylosuccinate synthetase, non-muscle isozyme) (Adenylosuccinate synthetase, acidic isozyme) (IMP--aspartate ligase 2) (AdSS 2) (AMPSase 2) - Mus musculus (Mouse)	50389	36	66	12	10
Q7SIG6	Development and differentiation-enhancing factor 2 (Pyk2 C-terminus-associated protein) (PAP) (Paxillin-associated protein with ARFGAP activity 3) (PAG3) - Mus musculus (Mouse)	107992	36	43	7	17
Q68FL4	Putative adenylosuccinate synthetase 3 (EC 3.3.1.1) (S-adenosyl-L-homocysteine hydrolase 3) (AdoHcyase 3) - Mus musculus (Mouse)	67883	36	0	39	0
Q8VI75	Importin-4 (Importin 4a) (Imp4a) (Ran-binding protein 4) (RanBP4) - Mus musculus (Mouse)	120624	36	0	8	0
Q80U62	Uncharacterized protein KIAA0226 - Mus musculus (Mouse)	108617	36	19	7	15
P48036	Annexin A5 (Annexin V) (Lipocortin V) (Endonexin II) (Calphobindin I) (CBP-I) (Placental anticoagulant protein I) (PAP-I) (PP4) (Thromboplastin inhibitor) (Vascular anticoagulant-alpha) (VAC-alpha) (Anchorin CII) - Mus musculus (Mouse)	35787	36	202	5	16
P39447	Tight junction protein ZO-1 (Zonula occludens 1 protein) (Zona occludens 1 protein) (Tight junction protein 1) - Mus musculus (Mouse)	194992	36	15	21	16
Q8BHK0	Paraneoplastic antigen Ma2 homolog - Mus musculus (Mouse)	41631	36	22	9	5
Q01065	Calcium/calmodulin-dependent 3~,5~-cyclic nucleotide phosphodiesterase 1B (EC 3.1.4.17) (Cam-PDE 1B) (63 kDa Cam-PDE) - Mus musculus (Mouse)	61700	36	0	5	0

Q99M73	Keratin type II cuticular Hb4 (Type II hair keratin Hb4) (Keratin-84) (K84) (65 kDa type II keratin) - Mus musculus (Mouse)	65802	36	74	14	19
Q9Z2T6	Keratin type II cuticular Hb5 (Type II hair keratin Hb5) (Keratin-85) (K85) - Mus musculus (Mouse)	57377	36	193	14	33
P97861	Keratin type II cuticular Hb6 (Type II hair keratin Hb6) (Keratin-86) (K86) - Mus musculus (Mouse)	55098	36	183	14	31
P07744	Keratin, type II cytoskeletal 4 (Cytokeratin-4) (CK-4) (Keratin-4) (K4) (Cytoskeletal 57 kDa keratin) - Mus musculus (Mouse)	56590	36	74	19	27
O35381	Acidic leucine-rich nuclear phosphoprotein 32 family member A (Potent heat-stable protein phosphatase 2A inhibitor 1PP2A) (Acidic nuclear phosphoprotein pp32) (Leucine-rich acidic nuclear protein) - Mus musculus (Mouse)	28691	36	112	8	14
Q8BSS9	Liprin-alpha-2 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-2) (PTPRF-interacting protein alpha-2) - Mus musculus (Mouse)	143659	36	21	22	22
Q6DFX2	Anthrax toxin receptor 2 precursor - Mus musculus (Mouse)	53721	36	0	10	0
Q91YE5	Bromodomain adjacent to zinc finger domain protein 2A (Transcription termination factor I-interacting protein 5) (TTF-I-interacting protein 5) (Tip5) - Mus musculus (Mouse)	207465	36	15	56	55
Q5SPW0	Vacuolar protein sorting-associated protein 54 (Tumor antigen SLP-8p homolog) - Mus musculus (Mouse)	111467	36	28	13	15
Q8VHK5	Membrane protein MLC1 - Mus musculus (Mouse)	42253	35	25	22	17
P02468	Laminin subunit gamma-1 precursor (Laminin B2 chain) - Mus musculus (Mouse)	182830	35	0	7	0

P97434	Myosin phosphatase Rho-interacting protein (Rho-interacting protein 3) (p116Rip) (RIP3) - Mus musculus (Mouse)	117192	35	23	25	19
P05063	Fructose-bisphosphate aldolase C (EC 4.1.2.13) (Brain-type aldolase) (Aldolase 3) (Zebrin II) (Scrapie-responsive protein 2) - Mus musculus (Mouse)	39769	35	51	13	10
Q8CJ27	Abnormal spindle-like microcephaly-associated protein homolog (Calmodulin-binding protein 1) (Spindle and hydroxyurea checkpoint abnormal protein) (Calmodulin-binding protein Sha1) - Mus musculus (Mouse)	367882	35	23	55	48
Q6IFZ6	Keratin, type II cytoskeletal 1b (Keratin-77) (Type II keratin Kb39) (Embryonic type II keratin-1) - Mus musculus (Mouse)	61379	35	0	12	0
Q922Y1	SAPK substrate protein 1 (UBA/UBX 33.3 kDa protein) (mY33K) (Protein 2B28) - Mus musculus (Mouse)	33666	35	0	5	0
Q8R1B4	Eukaryotic translation initiation factor 3 subunit 8 (eIF3 p110) (eIF3c) - Mus musculus (Mouse)	106149	34	63	22	21
Q8BRT1	CLIP-associating protein 2 (Cytoplasmic linker-associated protein 2) - Mus musculus (Mouse)	141564	34	0	6	0
P26350	Prothymosin alpha [Contains: Thymosin alpha] - Mus musculus (Mouse)	12247	34	120	2	2
Q9EQ61	Pescadillo homolog 1 - Mus musculus (Mouse)	68209	34	0	19	0
Q63994	Myeloid cell surface antigen CD33 precursor (Sialic acid-binding Ig-like lectin 3) (Siglec-3) - Mus musculus (Mouse)	45822	34	34	7	6
Q9D1R9	60S ribosomal protein L34 - Mus musculus (Mouse)	13513	34	32	10	6

Q03146	Epithelial discoidin domain-containing receptor 1 precursor (EC 2.7.10.1) (Epithelial discoidin domain receptor 1) (Tyrosine kinase DDR) (Discoidin receptor tyrosine kinase) (Tyrosine-protein kinase CAK) (Cell adhesion kinase) (Protein-tyrosine kina	102122	34	0	7	0
Q3UDW8	Heparan-alpha-glucosaminide N-acetyltransferase (EC 2.3.1.78) (Transmembrane protein 76) - Mus musculus (Mouse)	73347	34	22	6	9
O54951	Semaphorin-6B precursor (Semaphorin VIB) (Sema VIB) (Semaphorin N) (Sema N) - Mus musculus (Mouse)	96604	34	25	10	10
Q8BKT3	GC-rich sequence DNA-binding factor (GCF) (Transcription factor 9) (TCF-9) - Mus musculus (Mouse)	88186	34	25	18	6
Q9JI91	Alpha-actinin-2 (Alpha actinin skeletal muscle isoform 2) (F-actin cross-linking protein) - Mus musculus (Mouse)	104215	34	0	7	0
P41230	Jumonji/ARID domain-containing protein 1C (Protein SmcX) (Protein Xe169) - Mus musculus (Mouse)	177834	34	32	26	29
P10148	Small inducible cytokine A2 precursor (CCL2) (Monocyte chemotactic protein 1) (MCP-1) (Monocyte chemoattractant protein 1) (Platelet-derived growth factor-inducible protein JE) - Mus musculus (Mouse)	16544	34	0	3	0
Q9WU62	Inner centromere protein - Mus musculus (Mouse)	101660	34	0	16	0
Q64707	U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 1 (U2(RNU2) small nuclear RNA auxiliary factor 1-like 1) (CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 1) (SP2) - Mus musculus (Mouse)	51960	34	22	13	9

P0C1Q2	Dual 3~,5~-cyclic-AMP and -GMP phosphodiesterase 11A (EC 3.1.4.17) (EC 3.1.4.35) (cAMP and cGMP phosphodiesterase 11A) - Mus musculus (Mouse)	105523	34	0	16	0
P29341	Polyadenylate-binding protein 1 (Poly(A)-binding protein 1) (PABP 1) - Mus musculus (Mouse)	70826	34	0	10	0
Q61092	Laminin subunit gamma-2 precursor (Laminin 5 gamma 2 subunit) (Kalinin/nicein/epiligrin 100 kDa subunit) (Laminin B2t chain) - Mus musculus (Mouse)	133898	33	29	13	13
P38647	Stress-70 protein, mitochondrial precursor (75 kDa glucose-regulated protein) (GRP 75) (Peptide-binding protein 74) (PBP74) (P66 MOT) (Mortalin) - Mus musculus (Mouse)	73768	33	33	12	13
Q6ZQ58	La-related protein 1 (La ribonucleoprotein domain family member 1) (Fragment) - Mus musculus (Mouse)	42173	33	0	9	0
Q99PP7	Transcription intermediary factor 1-gamma (TIF1-gamma) (Tripartite motif-containing protein 33) - Mus musculus (Mouse)	125931	33	25	12	10
Q7TMY8	HECT, UBA and WWE domain-containing protein 1 (EC 6.3.2.-) (E3 ubiquitin protein ligase URE-B1) (E3Histone) - Mus musculus (Mouse)	486295	33	91	39	36
O88444	Adenylate cyclase type 1 (EC 4.6.1.1) (Adenylate cyclase type I) (ATP pyrophosphate-lyase 1) (Adenylyl cyclase 1) (Ca(2+)/calmodulin-activated adenylyl cyclase) - Mus musculus (Mouse)	125232	33	31	26	17
Q8BKX6	Serine/threonine-protein kinase SMG1 (EC 2.7.11.1) (SMG-1) - Mus musculus (Mouse)	413532	33	27	30	32
Q8VHX6	Filamin-C (Gamma-filamin) (Filamin-2) (FLN-C) (Actin-binding-like protein) (ABP-L) (ABP-280-like protein) - Mus musculus (Mouse)	293560	33	115	18	25

O09010	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe (EC 2.4.1.222) (O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase) - Mus musculus (Mouse)	42439	33	33	8	10
Q91V01	Membrane-bound O-acyltransferase domain-containing protein 5 (EC 2.3.-.-) (O-acyltransferase domain-containing protein 5) (Transmembrane protein PTG) - Mus musculus (Mouse)	56680	33	0	6	0
Q9CQS6	Blottin precursor - Mus musculus (Mouse)	20741	33	0	2	0
Q8CIM1	Leucine-rich repeat-containing protein 45 - Mus musculus (Mouse)	76763	33	71	27	35
P58660	Caspase recruitment domain-containing protein 10 (Bcl10-interacting MAGUK protein 1) (Bimp1) - Mus musculus (Mouse)	115598	33	23	15	17
Q8VC12	Probable urocanate hydratase (EC 4.2.1.49) (Urocanase) (Imidazolonepropionate hydrolase) - Mus musculus (Mouse)	75227	33	26	11	12
Q6P8J2	Diamine acetyltransferase 2 (EC 2.3.1.57) (Spermidine/spermine N(1)-acetyltransferase 2) (Polyamine N-acetyltransferase 2) - Mus musculus (Mouse)	19464	33	23	6	8
P12367	cAMP-dependent protein kinase type II-alpha regulatory subunit - Mus musculus (Mouse)	45703	33	23	5	5
Q8R2S9	Actin-related protein 8 - Mus musculus (Mouse)	71413	33	0	12	0
P63276	40S ribosomal protein S17 - Mus musculus (Mouse)	15571	33	0	4	0
Q60692	Proteasome subunit beta type 6 precursor (EC 3.4.25.1) (Proteasome delta chain) (Macropain delta chain) (Multicatalytic endopeptidase complex delta chain) (Proteasome subunit Y) - Mus musculus (Mouse)	25591	33	89	17	12
Q7TMK6	Hook homolog 2 - Mus musculus (Mouse)	83903	33	36	26	20

Q9JL70	Fanconi anemia group A protein homolog (Protein FACA) - Mus musculus (Mouse)	163682	33	0	25	0
Q35551	Rab GTPase-binding effector protein 1 (Rabaptin-5) (Rabaptin-5alpha) - Mus musculus (Mouse)	99890	33	26	26	16
Q62159	Rho-related GTP-binding protein RhoC precursor (Silica-induced gene 61 protein) (SIG-61) - Mus musculus (Mouse)	22334	33	173	5	9
Q80XA6	RalBP1-associated Eps domain-containing protein 2 (RalBP1-interacting protein 2) (Partner of RalBP1) - Mus musculus (Mouse)	57999	33	31	6	7
Q8CG48	Structural maintenance of chromosomes protein 2 (Chromosome-associated protein E) (XCAP-E homolog) (FGF-inducible protein 16) - Mus musculus (Mouse)	134703	32	36	41	26
Q9WVP9	Interferon-induced GTP-binding protein Mx2 - Mus musculus (Mouse)	74759	32	22	14	20
Q9Z0T6	Polycystic kidney disease and receptor for egg jelly-related protein precursor (PKD and REJ homolog) - Mus musculus (Mouse)	243630	32	32	18	12
P35980	60S ribosomal protein L18 - Mus musculus (Mouse)	21688	32	22	51	85
Q8K2A7	Integrator complex subunit 10 (Int10) - Mus musculus (Mouse)	83107	32	47	21	12
Q8BT60	Copine-3 (Copine III) - Mus musculus (Mouse)	60288	32	0	7	0
Q9CQG9	Transmembrane protein 100 - Mus musculus (Mouse)	14723	32	19	2	2
Q8R4K2	Interleukin-1 receptor-associated kinase 4 (EC 2.7.11.1) (IRAK-4) - Mus musculus (Mouse)	51410	32	47	22	22
Q6A078	Centrosomal protein Cep290 (Nephrocystin-6) - Mus musculus (Mouse)	289241	32	57	85	66
Q80VC9	Uncharacterized protein KIAA1543 - Mus musculus (Mouse)	135890	32	27	10	6

Q80TZ3	Putative tyrosine-protein phosphatase auxilin (EC 3.1.3.48) (DnaJ homolog subfamily C member 6) - Mus musculus (Mouse)	103033	32	0	10	0
Q8BZ36	RAD50-interacting protein 1 (RAD50 interactor 1) (Protein RINT-1) - Mus musculus (Mouse)	90891	32	0	11	0
Q80W68	Kin of IRRE-like protein 1 precursor (Kin of irregular chiasm-like protein 1) (Nephrin-like protein 1) - Mus musculus (Mouse)	87806	32	38	22	17
Q8BGT9	Polypeptide N-acetylgalactosaminyltransferase 12 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 12) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 12) (Polypeptide GalNAc transferase 12) (GalNAc-T12) (pp-GaNTase 12) - Mus musc	67354	32	0	15	0
Q9R155	Pendrin (Sodium-independent chloride/iodide transporter) (Solute carrier family 26 member 4) - Mus musculus (Mouse)	86260	32	18	3	6
P61205	ADP-ribosylation factor 3 - Mus musculus (Mouse)	20645	32	423	6	17
Q8VC28	Aldo-keto reductase family 1 member C13 (EC 1.1.1.-) - Mus musculus (Mouse)	37604	32	23	8	8
Q6TXD4	Dynamamin-binding protein (Scaffold protein Tuba) - Mus musculus (Mouse)	178877	32	21	13	12
P28656	Nucleosome assembly protein 1-like 1 (NAP-1-related protein) (Brain protein DN38) - Mus musculus (Mouse)	45602	32	0	7	0
P55264	Adenosine kinase (EC 2.7.1.20) (AK) (Adenosine 5~-phosphotransferase) - Mus musculus (Mouse)	40466	32	0	8	0
Q9R0K7	Plasma membrane calcium-transporting ATPase 2 (EC 3.6.3.8) (PMCA2) (Plasma membrane calcium pump isoform 2) (Plasma membrane calcium ATPase isoform 2) - Mus musculus (Mouse)	133701	32	27	70	83

Q8BHS8	Syntabulin (Syntaxin-1-binding protein) (Golgi-localized syntaphilin-related protein) (m-Golsyn) - Mus musculus (Mouse)	73662	32	19	17	13
Q3U0P1	Partner and localizer of BRCA2 - Mus musculus (Mouse)	120734	32	0	7	0
Q8BGI1	RING finger protein 24 - Mus musculus (Mouse)	17755	32	0	4	0
Q8BYC6	Serine/threonine-protein kinase TAO3 (EC 2.7.11.1) (Thousand and one amino acid protein 3) - Mus musculus (Mouse)	105726	32	38	9	16
Q61983	Sodium-dependent phosphate transport protein 1 (Sodium/phosphate cotransporter 1) (Na(+)/PI cotransporter 1) (Solute carrier family 17 member 1) (Renal sodium-dependent phosphate transport protein 1) (Renal sodium-phosphate transport protein 1) (Ren	52239	31	33	8	5
Q8BJA3	Homeobox-containing protein 1 - Mus musculus (Mouse)	47258	31	0	4	0
P56716	Oxygen-regulated protein 1 (Retinitis pigmentosa RP1 protein homolog) - Mus musculus (Mouse)	236693	31	49	58	104
Q921C5	Protein bicaudal D homolog 2 (Bic-D 2) - Mus musculus (Mouse)	93562	31	23	26	34
Q8VI47	Canalicular multispecific organic anion transporter 1 (ATP-binding cassette sub-family C member 2) - Mus musculus (Mouse)	174900	31	38	39	31
Q80UN9	tRNA isopentenyltransferase, mitochondrial precursor (EC 2.5.1.8) (Isopentenyl-diphosphate:tRNA isopentenyltransferase) (IPP transferase) (IPTase) (IPPT) - Mus musculus (Mouse)	52746	31	24	19	15
Q8C7H1	Methylmalonic aciduria type A homolog, mitochondrial precursor - Mus musculus (Mouse)	46359	31	37	16	10
Q8C166	Copine-1 (Copine I) - Mus musculus (Mouse)	59591	31	0	6	0

Q35206	Collagen alpha-1(XV) chain precursor [Contains: Endostatin (Endostatin-XV)] - Mus musculus (Mouse)	140894	31	37	12	11
Q8C3Y4	Kinetochores-associated protein 1 - Mus musculus (Mouse)	253106	31	0	20	0
Q8K1J6	tRNA-nucleotidyltransferase 1, mitochondrial precursor (EC 2.7.7.25) (mitochondrial tRNA nucleotidyl transferase, CCA-adding) (mt tRNA adenylyltransferase) (mt tRNA CCA-pyrophosphorylase) (mt tRNA CCA-diphosphorylase) (mt CCA-adding enzyme) - Mus mu	50035	31	0	17	0
Q62446	FK506-binding protein 3 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (25 kDa FKBP) (FKBP-25) (Rapamycin-selective 25 kDa immunophilin) - Mus musculus (Mouse)	25189	31	31	10	11
Q9JJY3	Sphingomyelin phosphodiesterase 3 (EC 3.1.4.12) (Neutral sphingomyelinase 2) (Neutral sphingomyelinase II) (nSMase2) (nSMase-2) - Mus musculus (Mouse)	72406	31	0	7	0
Q9Z309	Calcium and integrin-binding protein 2 (Kinase-interacting protein 2) (KIP 2) - Mus musculus (Mouse)	21918	31	17	3	5
O70228	Probable phospholipid-transporting ATPase IIA (EC 3.6.3.1) (ATPase class II type 9A) - Mus musculus (Mouse)	120163	31	29	37	28
Q9D8N0	Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma) - Mus musculus (Mouse)	50371	31	85	11	12
Q35464	Semaphorin-6A precursor (Semaphorin VIA) (Sema VIA) (Semaphorin 6A-1) (SEMA6A-1) (Semaphorin Q) (Sema Q) - Mus musculus (Mouse)	115786	31	0	18	0
Q31125	Zinc transporter SLC39A7 (Solute carrier family 39 member 7) (Histidine-rich membrane protein Ke4) - Mus musculus (Mouse)	50796	31	0	6	0
Q80TS7	Dendrin - Mus musculus (Mouse)	70861	31	24	11	8

Q8BQQ1	Probable palmitoyltransferase ZDHHC14 (EC 2.3.1.-) (Zinc finger DHHC domain-containing protein 14) (DHHC-14) (NEW1 domain-containing protein) (NEW1CP) - Mus musculus (Mouse)	54593	31	0	1	0
Q9R0P3	S-formylglutathione hydrolase (EC 3.1.2.12) (FGH) (Esterase D) (Esterase 10) (Sid 478) - Mus musculus (Mouse)	31870	31	0	2	0
Q91X52	L-xylulose reductase (EC 1.1.1.10) (XR) (Dicarbonyl/L-xylulose reductase) - Mus musculus (Mouse)	25958	31	0	11	0
P56480	ATP synthase subunit beta, mitochondrial precursor (EC 3.6.3.14) - Mus musculus (Mouse)	56265	31	50	8	6
Q8R4U7	Leucine zipper protein 1 (Leucine zipper motif-containing protein) - Mus musculus (Mouse)	119809	31	32	22	20
Q8K1N2	Pleckstrin homology-like domain family B member 2 (Protein LL5-beta) - Mus musculus (Mouse)	142253	31	31	48	32
P63001	Ras-related C3 botulinum toxin substrate 1 precursor (p21-Rac1) - Mus musculus (Mouse)	21835	31	99	7	11
Q9D7S1	Transmembrane protein 54 - Mus musculus (Mouse)	24095	31	0	1	0
Q14CH7	Probable alanyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.7) (Alanine--tRNA ligase) (AlaRS) (Alanyl-tRNA synthetase-like) - Mus musculus (Mouse)	107743	30	33	197	263
Q8K2I9	F-box only protein 18 (EC 3.6.1.-) (F-box DNA helicase 1) - Mus musculus (Mouse)	120104	30	23	9	5
Q9JJG0	Transforming acidic coiled-coil-containing protein 2 - Mus musculus (Mouse)	124966	30	0	21	0

Q9Z104	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1-related (SMARCE1-related protein) (HMG domain protein HMG20B) (Structural DNA-binding protein BRAF35) (BRCA2-associated factor 35) - Mus musculus (Mouse)	35962	30	20	14	15
Q7TT45	Ras-related GTP-binding protein D (Rag D) - Mus musculus (Mouse)	51656	30	0	14	0
Q8BZQ7	Anaphase-promoting complex subunit 2 (APC2) (Cyclosome subunit 2) - Mus musculus (Mouse)	96116	30	0	10	0
P62962	Profilin-1 (Profilin I) - Mus musculus (Mouse)	15119	30	93	4	7
Q8VCE1	J domain-containing protein C21orf55 homolog - Mus musculus (Mouse)	40958	30	0	3	0
O88569	Heterogeneous nuclear ribonucleoproteins A2/B1 (hnRNP A2 / hnRNP B1) - Mus musculus (Mouse)	37437	30	0	5	0
Q9QZ41	Protein DBF4 homolog (MuDBF4) - Mus musculus (Mouse)	75042	30	0	19	0
P70298	Homeobox protein cut-like 2 (Homeobox protein Cux-2) (Cut-like 2) - Mus musculus (Mouse)	155464	30	22	12	13
P36895	Bone morphogenetic protein receptor type IA precursor (EC 2.7.11.30) (Serine/threonine-protein kinase receptor R5) (SKR5) (Activin receptor-like kinase 3) (ALK-3) (BMP-2/BMP-4 receptor) - Mus musculus (Mouse)	61392	30	0	2	0
Q9CVB6	Actin-related protein 2/3 complex subunit 2 (ARP2/3 complex 34 kDa subunit) (p34-ARC) - Mus musculus (Mouse)	34450	30	0	11	0
Q8CDU6	Probable E3 ubiquitin-protein ligase HECTD2 (HECT domain-containing protein 2) - Mus musculus (Mouse)	88529	30	0	12	0
P54731	FAS-associated factor 1 (Protein FAF1) - Mus musculus (Mouse)	74244	30	0	6	0
P25233	Necdin - Mus musculus (Mouse)	36979	30	23	16	12

Q8CGM2	Retinitis pigmentosa 1-like 1 protein (Retinitis pigmentosa 1-like protein 1) - Mus musculus (Mouse)	202299	30	21	58	60
Q61122	NGFI-A-binding protein 1 (EGR-1-binding protein 1) - Mus musculus (Mouse)	54461	30	25	6	7
P03987	Ig gamma-3 chain C region, membrane-bound form - Mus musculus (Mouse)	44472	30	34	4	7
Q80Y17	Lethal(2) giant larvae protein homolog 1 (LLGL) (Mlg1) (Mgl-1) - Mus musculus (Mouse)	113801	30	29	7	11
Q3TXZ1	Zinc finger protein 575 - Mus musculus (Mouse)	27120	30	25	5	5
Q8BFQ9	Kelch domain-containing protein 5 - Mus musculus (Mouse)	56247	30	22	10	17
Q8VD72	Tetratricopeptide repeat protein 8 (TPR repeat protein 8) (Bardet-Biedl syndrome 8 protein homolog) - Mus musculus (Mouse)	58916	30	23	13	4
Q8K0Z7	Coiled-coil domain-containing protein 44 - Mus musculus (Mouse)	32750	30	22	12	5
Q8BX17	Gem-associated protein 5 (Gemin5) - Mus musculus (Mouse)	169080	30	0	19	0
Q18PE0	Protein Dok-7 (Downstream of tyrosine kinase 7) - Mus musculus (Mouse)	53885	30	0	14	0
P04214	T-cell receptor beta chain V region E1 precursor - Mus musculus (Mouse)	15870	30	0	1	0
O08983	Hermansky-Pudlak syndrome 1 protein homolog - Mus musculus (Mouse)	80487	30	17	27	10
Q8R4B8	Cold autoinflammatory syndrome 1 protein homolog (PYRIN-containing APAF1-like protein 1) (Mast cell maturation-associated-inducible protein 1) (Cryopyrin) - Mus musculus (Mouse)	120935	30	20	24	23
Q8K0D0	Serine/threonine-protein kinase PCTAIRE-2 (EC 2.7.11.22) (PCTAIRE-motif protein kinase 2) - Mus musculus (Mouse)	59754	30	0	12	0
Q60673	Receptor-type tyrosine-protein phosphatase-like N precursor (R-PTP-N) (PTP IA-2) - Mus musculus (Mouse)	106990	30	18	14	10

Q8BYW1	Rho GTPase-activating protein 25 - Mus musculus (Mouse)	73679	30	26	6	10
Q61771	Kinesin-like protein KIF3B (Microtubule plus end-directed kinesin motor 3B) - Mus musculus (Mouse)	85350	30	51	16	19
Q6P9Z1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 3 (60 kDa BRG-1/Brm-associated factor subunit C) (BRG1-associated factor 60C) (mBAF60c) - Mus musculus (Mouse)	55180	29	19	46	50
Q99PF4	Cadherin-23 precursor (Otocadherin) - Mus musculus (Mouse)	370092	29	32	29	27
P24547	Inosine-5~monophosphate dehydrogenase 2 (EC 1.1.1.205) (IMP dehydrogenase 2) (IMPDH-II) (IMPD 2) - Mus musculus (Mouse)	56179	29	0	3	0
P56959	RNA-binding protein FUS (Pigpen protein) - Mus musculus (Mouse)	52870	29	27	11	4
Q9D2N9	Vacuolar protein sorting-associated protein 33A - Mus musculus (Mouse)	67897	29	0	7	0
Q9DBR1	5~3~ exoribonuclease 2 (EC 3.1.13.-) (Protein Dhml) - Mus musculus (Mouse)	109588	29	20	23	8
Q9QUM7	MutS protein homolog 5 - Mus musculus (Mouse)	93455	29	0	7	0
Q61990	Poly(rC)-binding protein 2 (Alpha CP2) (Putative heterogeneous nuclear ribonucleoprotein X) (hnRNP X) (CTBP) (CBP) - Mus musculus (Mouse)	38597	29	194	7	11
P49717	DNA replication licensing factor MCM4 (CDC21 homolog) (P1-CDC21) - Mus musculus (Mouse)	97360	29	18	11	12
Q80U57	Regulating synaptic membrane exocytosis protein 3 (Nim3) (Rab 3-interacting molecule 3) (RIM 3) (RIM3 gamma) - Mus musculus (Mouse)	32854	29	0	4	0

P35969	Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1) (VEGFR-1) (Tyrosine-protein kinase receptor FLT) (FLT-1) (Embryonic receptor kinase 2) - Mus musculus (Mouse)	151663	29	36	35	32
P63143	Voltage-gated potassium channel subunit beta-1 (K(+) channel subunit beta-1) (Kv-beta-1) - Mus musculus (Mouse)	45080	29	76	12	20
Q80U87	Ubiquitin carboxyl-terminal hydrolase 8 (EC 3.1.2.15) (Ubiquitin thioesterase 8) (Ubiquitin-specific-processing protease 8) (Deubiquitinating enzyme 8) (mUBPy) - Mus musculus (Mouse)	123447	29	23	24	15
Q02956	Protein kinase C zeta type (EC 2.7.11.13) (nPKC-zeta) - Mus musculus (Mouse)	68493	29	15	8	6
Q9JIL4	PDZ domain-containing protein 1 (CFTR-associated protein of 70 kDa) (Na/Pi cotransporter C-terminal-associated protein) (NaPi-Cap1) (Na(+)/H(+) exchanger regulatory factor 3) (Sodium-hydrogen exchanger regulatory factor 3) - Mus musculus (Mouse)	56863	29	39	9	8
Q91ZU8	Bullous pemphigoid antigen 1, isoform 5 (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) - Mus musculus (Mouse)	303786	29	0	53	0
Q9DB77	Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial precursor (EC 1.10.2.2) (Core protein II) (Complex III subunit II) - Mus musculus (Mouse)	48262	29	20	13	13
Q35685	Nuclear migration protein nudC (Nuclear distribution protein C homolog) (Silica-induced gene 92 protein) (SIG-92) - Mus musculus (Mouse)	38334	29	0	7	0
P11983	T-complex protein 1 subunit alpha B (TCP-1-alpha) (CCT-alpha) (Tailless complex polypeptide 1B) (TCP-1-B) - Mus musculus (Mouse)	60867	29	66	18	15

P11984	T-complex protein 1 subunit alpha A (TCP-1-alpha) (CCT-alpha) (Tailless complex polypeptide 1A) (TCP-1-A) - Mus musculus (Mouse)	60930	29	66	14	15
Q7TQH0	Ataxin-2-like protein - Mus musculus (Mouse)	110865	29	28	18	8
Q9JI78	Peptide-N(4)-(N-acetyl-beta-glucosaminy)asparagine amidase (EC 3.5.1.52) (PNGase) (mPNGase) (Peptide:N-glycanase) (N-glycanase 1) - Mus musculus (Mouse)	75198	29	32	19	11
Q91ZT5	FYVE, RhoGEF and PH domain-containing protein 4 (Actin filament-binding protein frabin) (FGD1-related F-actin-binding protein) - Mus musculus (Mouse)	87513	29	19	10	11
Q9JJU8	SH3 domain-binding glutamic acid-rich-like protein - Mus musculus (Mouse)	12917	29	69	2	4
Q9Z268	RasGAP-activating-like protein 1 - Mus musculus (Mouse)	90285	29	0	12	0
Q9D4Q1	RIB43A-like with coiled-coils protein 2 - Mus musculus (Mouse)	37528	29	26	16	13
Q8CD91	SPARC-related modular calcium-binding protein 2 precursor (Secreted modular calcium-binding protein 2) (SMOC-2) - Mus musculus (Mouse)	51171	29	16	16	11
P09586	Chorionic somatomammotropin hormone 2 precursor (Placental lactogen II) (PL-II) - Mus musculus (Mouse)	25428	29	21	2	2
P59270	Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2 (EC 2.4.1.135) (Beta-1,3-glucuronosyltransferase 2) (Glucuronosyltransferase-S) (GlcAT-S) (UDP-glucuronosyltransferase-S) (GlcAT-D) - Mus musculus (Mouse)	37280	29	16	9	11
Q91YJ5	Translation initiation factor IF-2, mitochondrial precursor (IF-2Mt) (IF-2(Mt)) - Mus musculus (Mouse)	81809	29	23	13	9

Q80SW1	Putative adenosylhomocysteinase 2 (EC 3.3.1.1) (S-adenosyl-L-homocysteine hydrolase 2) (AdoHcyase 2) (S-adenosylhomocysteine hydrolase-like 1) (IP3R-binding protein released with inositol 1,4,5-trisphosphate) - Mus musculus (Mouse)	59997	29	0	22	0
P00536	Proto-oncogene serine/threonine-protein kinase mos (EC 2.7.11.1) (c-mos) (Oocyte maturation factor mos) - Mus musculus (Mouse)	43548	29	0	9	0
O54749	Cytochrome P450 2J5 (EC 1.14.14.1) (CYP11J5) (Arachidonic acid epoxygenase) - Mus musculus (Mouse)	58032	29	34	7	6
Q8CGV2	Tryptophan 5-hydroxylase 2 (EC 1.14.16.4) (Tryptophan 5-monoxygenase 2) (Neuronal tryptophan hydroxylase) - Mus musculus (Mouse)	56623	29	0	11	0
O54750	Cytochrome P450 2J6 (EC 1.14.14.1) (CYP11J6) (Arachidonic acid epoxygenase) - Mus musculus (Mouse)	58068	29	34	4	4
Q9QZ09	Putative homeodomain transcription factor 1 - Mus musculus (Mouse)	87409	29	24	8	5
Q9D365	Signal peptidase complex subunit 3 (EC 3.4.-.-) (Microsomal signal peptidase 23 kDa subunit) (SPase 22 kDa subunit) (SPC22/23) - Mus musculus (Mouse)	20191	29	0	3	0
P09922	Interferon-induced GTP-binding protein Mx1 (Influenza resistance protein) - Mus musculus (Mouse)	72620	29	0	5	0
Q9R1P0	Proteasome subunit alpha type 4 (EC 3.4.25.1) (Proteasome component C9) (Macropain subunit C9) (Multicatalytic endopeptidase complex subunit C9) (Proteasome subunit L) - Mus musculus (Mouse)	29737	29	151	14	17
Q9Z1M8	Protein Red (Protein RER) (IK factor) (Cytokine IK) - Mus musculus (Mouse)	65591	29	23	10	8

P39054	Dynamin-2 (EC 3.6.5.5) (Dynamin UDNM) - Mus musculus (Mouse)	98426	29	0	19	0
P39053	Dynamin-1 (EC 3.6.5.5) - Mus musculus (Mouse)	98140	29	0	13	0
Q35973	Period circadian protein homolog 1 (Circadian clock protein PERIOD 1) (Circadian pacemaker protein Rigi) (mPER1) - Mus musculus (Mouse)	137858	29	21	27	28
Q9R0P4	Small acidic protein (Sid 2057) - Mus musculus (Mouse)	20091	29	0	12	0
Q8K4E0	Alstrom syndrome protein 1 homolog - Mus musculus (Mouse)	362981	29	30	86	86
Q569Z6	Thyroid hormone receptor-associated protein 3 (Thyroid hormone receptor-associated protein complex 150 kDa component) (Trap150) - Mus musculus (Mouse)	108171	29	48	21	16
Q9Z0P5	Twinfilin-2 (Twinfilin-1-like protein) (A6-related protein) (mA6RP) - Mus musculus (Mouse)	39674	29	32	10	6
Q923B1	Lariat debranching enzyme (EC 3.1.-.-) - Mus musculus (Mouse)	62934	28	29	15	19
Q64676	2-hydroxyacylsphingosine 1-beta-galactosyltransferase precursor (EC 2.4.1.45) (UDP-galactose-ceramide galactosyltransferase) (Ceramide UDP-galactosyltransferase) (Cerebroside synthase) - Mus musculus (Mouse)	61438	28	0	6	0
Q9WTU3	Sodium channel protein type 8 subunit alpha (Sodium channel protein type VIII subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.6) - Mus musculus (Mouse)	227276	28	19	20	11
Q924W6	Tripartite motif-containing protein 44 (Protein DIPB) (Protein Mc7) - Mus musculus (Mouse)	38875	28	23	18	16
Q61554	Fibrillin-1 precursor - Mus musculus (Mouse)	332636	28	0	13	0
Q9D8E6	60S ribosomal protein L4 (L1) - Mus musculus (Mouse)	47409	28	0	13	0

Q8VHR5	Transcriptional repressor p66 beta (p66/p68) (GATA zinc finger domain-containing protein 2B) - Mus musculus (Mouse)	65712	28	0	15	0
Q9WTX2	Interferon-inducible double stranded RNA-dependent protein kinase activator A (Protein kinase, interferon-inducible double stranded RNA-dependent activator) (Protein activator of the interferon-induced protein kinase) (PKR-associated protein X) (PKR	34806	28	39	9	12
Q6ZPK0	PHD finger protein 21A (BRAAF35-HDAC complex protein BHC80) (mBHC80) (BHC80a) - Mus musculus (Mouse)	73160	28	37	20	19
Q8VEM1	Goliath homolog precursor (RING finger protein 130) (G1-related zinc finger protein) - Mus musculus (Mouse)	47030	28	0	10	0
Q02395	Metal-response element-binding transcription factor 2 (Zinc-regulated factor 1) (ZiRF1) (Metal-response element DNA-binding protein M96) (Metal-regulatory transcription factor 2) (PCL2) - Mus musculus (Mouse)	68193	28	0	5	0
Q9WUF3	CASP8-associated protein 2 (FLICE-associated huge protein) - Mus musculus (Mouse)	221847	28	16	26	29
Q99PJ1	Protocadherin-15 precursor - Mus musculus (Mouse)	215653	28	0	19	0
Q8R2X8	Golgin 45 (Basic leucine zipper nuclear factor 1) - Mus musculus (Mouse)	45855	28	22	13	16
P61514	60S ribosomal protein L37a - Mus musculus (Mouse)	10497	28	0	3	0
Q00519	Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase (EC 1.17.1.4) (XD); Xanthine oxidase (EC 1.17.3.2) (XO) (Xanthine oxidoreductase)] - Mus musculus (Mouse)	148534	28	0	15	0

P11247	Myeloperoxidase precursor (EC 1.11.1.7) (MPO) [Contains: Myeloperoxidase light chain; Myeloperoxidase heavy chain] - Mus musculus (Mouse)	81931	28	0	10	0
Q9WVS8	Mitogen-activated protein kinase 7 (EC 2.7.11.24) (Extracellular signal-regulated kinase 5) (ERK-5) (BMK1 kinase) - Mus musculus (Mouse)	88134	28	0	7	0
Q8BYK5	Phosphatase and actin regulator 3 (Scapinin) (Scaffold-associated PP1-inhibiting protein) - Mus musculus (Mouse)	62842	28	0	12	0
P49766	Vascular endothelial growth factor B precursor (VEGF-B) (VEGF-related factor) (VRF) - Mus musculus (Mouse)	22356	28	0	3	0
Q8BZN6	Dedicator of cytokinesis protein 10 - Mus musculus (Mouse)	248054	28	0	17	0
P21300	Aldose reductase-related protein 1 (EC 1.1.1.21) (AR) (Aldehyde reductase) (VAS deferens androgen-dependent protein) (MVDP) (Aldo-keto reductase family 1 member B7) - Mus musculus (Mouse)	36137	28	0	6	0
P45377	Aldose reductase-related protein 2 (EC 1.1.1.21) (AR) (Aldehyde reductase) (Fibroblast growth factor-regulated protein) (FR-1 protein) - Mus musculus (Mouse)	36440	28	0	7	0
O35608	Angiopoietin-2 precursor (ANG-2) - Mus musculus (Mouse)	56996	28	0	4	0
Q62371	Discoidin domain-containing receptor 2 precursor (EC 2.7.10.1) (Discoidin domain receptor 2) (Receptor protein-tyrosine kinase TKT) (Tyrosine-protein kinase TYRO 10) (Neurotrophic tyrosine kinase, receptor-related 3) (CD167b antigen) - Mus musculus	97446	28	0	14	0
P51637	Caveolin-3 (M-caveolin) - Mus musculus (Mouse)	17860	28	0	4	0
Q8VII8	Mineralocorticoid receptor (MR) - Mus musculus (Mouse)	107805	28	22	18	22

P62874	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1 (Transducin beta chain 1) - Mus musculus (Mouse)	38151	28	0	6	0
P26361	Cystic fibrosis transmembrane conductance regulator (CFTR) (cAMP-dependent chloride channel) (ATP-binding cassette transporter sub-family C member 7) - Mus musculus (Mouse)	168733	28	0	14	0
O35164	Mast cell protease 9 precursor (EC 3.4.21.-) (MMCP-9) - Mus musculus (Mouse)	27034	28	0	10	0
Q80ZX8	Sperm-associated antigen 1 (Infertility-related sperm protein Spag-1) (TPR-containing protein involved in spermatogenesis) (TPIS) - Mus musculus (Mouse)	101862	28	0	19	0
Q61846	Maternal embryonic leucine zipper kinase (EC 2.7.11.1) (Protein kinase PK38) (mPK38) - Mus musculus (Mouse)	73693	28	32	10	13
P61358	60S ribosomal protein L27 - Mus musculus (Mouse)	15788	28	0	5	0
Q64512	Tyrosine-protein phosphatase non-receptor type 13 (EC 3.1.3.48) (Protein tyrosine phosphatase PTP-BL) (Protein-tyrosine phosphatase RIP) (protein tyrosine phosphatase DPZPTP) (PTP36) - Mus musculus (Mouse)	272048	28	27	26	21
Q60862	Origin recognition complex subunit 2 - Mus musculus (Mouse)	65967	28	0	13	0
P12658	Calbindin (Vitamin D-dependent calcium-binding protein, avian-type) (Calbindin D28) (D-28K) (Spot 35 protein) (PCD-29) - Mus musculus (Mouse)	30203	28	0	5	0
P43275	Histone H1.1 (H1 VAR.3) (H1a) - Mus musculus (Mouse)	21772	28	90	9	6
P43276	Histone H1.5 (H1 VAR.5) (H1b) - Mus musculus (Mouse)	22562	28	0	4	0
Q9QYB1	Chloride intracellular channel protein 4 (mc3s5/mtCLIC) - Mus musculus (Mouse)	28939	28	33	4	3
Q99104	Myosin-Va (Dilute myosin heavy chain, non-muscle) - Mus musculus (Mouse)	217112	28	34	35	31

P48754	Breast cancer type 1 susceptibility protein homolog - Mus musculus (Mouse)	201625	28	25	26	30
Q99PV0	Pre-mRNA-processing-splicing factor 8 (Splicing factor Prp8) - Mus musculus (Mouse)	274738	28	29	51	35
Q61216	Double-strand break repair protein MRE11A (MRE11 homolog 1) (MRE11 meiotic recombination 11 homolog A) (MmMRE11A) - Mus musculus (Mouse)	80572	28	0	8	0
Q9QZH3	Peptidyl-prolyl cis-trans isomerase E (EC 5.2.1.8) (PPIase E) (Rotamase E) (Cyclophilin E) (Cyclophilin 33) - Mus musculus (Mouse)	33713	28	35	10	9
Q6ZQ93	Ubiquitin carboxyl-terminal hydrolase 34 (EC 3.1.2.15) (Ubiquitin thioesterase 34) (Ubiquitin-specific-processing protease 34) (Deubiquitinating enzyme 34) - Mus musculus (Mouse)	391121	28	0	40	0
Q924W6	Tripartite motif-containing protein 66 - Mus musculus (Mouse)	135635	28	18	23	15
Q6PFD5	Disks large-associated protein 3 (DAP-3) (SAP90/PSD-95-associated protein 3) (SAPAP3) (PSD-95/SAP90-binding protein 3) - Mus musculus (Mouse)	106777	28	21	21	15
Q8K0Q5	Rho GTPase-activating protein 18 - Mus musculus (Mouse)	75112	28	0	27	0
Q5EBG6	Heat-shock protein beta-6 (HspB6) - Mus musculus (Mouse)	17567	27	22	4	2
Q921Y0	Mps one binder kinase activator-like 1B (Mob1 homolog 1B) - Mus musculus (Mouse)	25235	27	0	3	0
P58681	Toll-like receptor 7 precursor - Mus musculus (Mouse)	123127	27	33	23	17
Q91YK0	Leucine-rich repeat-containing protein 49 (Tubulin polyglutamylase complex subunit 4) (PGs4) (p79) - Mus musculus (Mouse)	79397	27	27	18	23

P70180	Atrial natriuretic peptide clearance receptor precursor (ANP-C) (ANPRC) (NPR-C) (Atrial natriuretic peptide C-type receptor) (EF-2) - Mus musculus (Mouse)	60146	27	0	5	0
Q6ZWX6	Eukaryotic translation initiation factor 2 subunit 1 (Eukaryotic translation initiation factor 2 subunit alpha) (eIF-2-alpha) (EIF-2alpha) (EIF-2A) - Mus musculus (Mouse)	36371	27	177	7	11
Q9QZ39	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1 (EC 2.4.99.3) (GalNAc alpha-2,6-sialyltransferase I) (ST6GalNAc I) (Sialyltransferase 7A) - Mus musculus (Mouse)	60865	27	18	11	16
P19253	60S ribosomal protein L13a (Transplantation antigen P198) (Tum-P198 antigen) - Mus musculus (Mouse)	23563	27	65	9	10
Q8K1F9	Lactase-like protein precursor (Klotho/lactase-phlorizin hydrolase-related protein) - Mus musculus (Mouse)	65240	27	21	24	18
Q80TP3	Ubiquitin-protein ligase EDD1 (EC 6.3.2.-) (Hyperplastic discs protein homolog) - Mus musculus (Mouse)	311352	27	17	43	29
Q8C7X2	Uncharacterized protein KIAA0090 precursor - Mus musculus (Mouse)	111934	27	0	9	0
P22561	Wilms~ tumor protein homolog - Mus musculus (Mouse)	50127	27	0	4	0
Q99JI6	Ras-related protein Rap-1b precursor (GTP-binding protein smg p21B) - Mus musculus (Mouse)	21040	27	0	7	0
Q9R117	Non-receptor tyrosine-protein kinase TYK2 (EC 2.7.10.2) - Mus musculus (Mouse)	134942	27	30	15	26
Q62504	Msx2-interacting protein (SPEN homolog) (SMART/HDAC1-associated repressor protein) - Mus musculus (Mouse)	399881	27	18	72	75
Q9R190	Metastasis-associated protein MTA2 (Metastasis-associated 1-like 1) - Mus musculus (Mouse)	75724	27	26	9	9

P62192	26S protease regulatory subunit 4 (P26s4) (Proteasome 26S subunit ATPase 1) - Mus musculus (Mouse)	49325	27	0	23	0
Q9Z2Z6	Mitochondrial carnitine/acylcarnitine carrier protein (Carnitine/acylcarnitine translocase) (CAC) (mCAC) (Solute carrier family 25 member 20) - Mus musculus (Mouse)	33347	27	0	3	0
Q8VEE0	Ribulose-phosphate 3-epimerase (EC 5.1.3.1) (Ribulose-5-phosphate-epimerase) - Mus musculus (Mouse)	25156	27	17	5	2
Q8CH18	Cell division cycle and apoptosis regulator protein 1 (Cell cycle and apoptosis regulatory protein 1) (CARP-1) - Mus musculus (Mouse)	132663	27	0	9	0
Q9QYR9	Acyl-coenzyme A thioesterase 2, mitochondrial precursor (EC 3.1.2.2) (Acyl-CoA thioesterase 2) (Acyl coenzyme A thioester hydrolase) (Very-long-chain acyl-CoA thioesterase) (MTE-I) - Mus musculus (Mouse)	49849	27	0	8	0
O55137	Acyl-coenzyme A thioesterase 1 (EC 3.1.2.2) (Acyl-CoA thioesterase 1) (Inducible cytosolic acyl-coenzyme A thioester hydrolase) (Long chain acyl-CoA thioester hydrolase) (Long chain acyl-CoA hydrolase) (CTE-I) - Mus musculus (Mouse)	46335	27	0	6	0
Q8BWN8	Acyl-coenzyme A thioesterase 4 (EC 3.1.2.2) (Acyl-CoA thioesterase 4) (Peroxisomal acyl coenzyme A thioester hydrolase Ib) (Peroxisomal long-chain acyl-coA thioesterase Ib) (PTE-Ib) (PTE-2b) - Mus musculus (Mouse)	46793	27	0	3	0
Q6Q2Z6	Acyl-coenzyme A thioesterase 5 (EC 3.1.2.2) (Acyl-CoA thioesterase 5) (Peroxisomal acyl-coenzyme A thioester hydrolase Ic) (Peroxisomal acyl-CoA thioesterase Ic) - Mus musculus (Mouse)	46661	27	0	5	0

Q6A4J8	Ubiquitin carboxyl-terminal hydrolase 7 (EC 3.1.2.15) (Ubiquitin thioesterase 7) (Ubiquitin-specific-processing protease 7) (Deubiquitinating enzyme 7) (Herpesvirus-associated ubiquitin-specific protease) (mHAUSP) - Mus musculus (Mouse)	129477	27	18	14	16
Q8K389	CDK5 regulatory subunit-associated protein 2 (CDK5 activator-binding protein C48) - Mus musculus (Mouse)	207072	27	0	23	0
O88866	Hormonally up-regulated neu tumor-associated kinase (EC 2.7.11.1) (Serine/threonine-protein kinase MAK-V) - Mus musculus (Mouse)	80294	27	21	14	12
Q61466	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1 (SWI/SNF complex 60 kDa subunit) (60 kDa BRG-1/Brm-associated factor subunit A) (BRG1-associated factor 60A) (D15KZ1 protein) - Mus musculus (Mouse)	55179	27	29	13	16
Q09PK2	Retroviral-like aspartic protease 1 precursor (EC 3.4.23.-) (Skin-specific retroviral-like aspartic protease) (Skin aspartic protease) (SASPase) (TPA-inducible aspartic proteinase-like protein) - Mus musculus (Mouse)	37436	27	29	15	12
Q3UZW7	Protein FAM86A - Mus musculus (Mouse)	37430	26	0	11	0
P70323	T-box transcription factor TBX1 (T-box protein 1) (Testis-specific T-box protein) - Mus musculus (Mouse)	51807	26	0	3	0
Q3TGF2	Protein FAM107B - Mus musculus (Mouse)	15562	26	33	6	12
Q8BVQ5	Protein phosphatase methylesterase 1 (EC 3.1.1.-) (PME-1) - Mus musculus (Mouse)	42628	26	0	15	0
Q99N50	Synaptotagmin-like protein 2 (Exophilin-4) - Mus musculus (Mouse)	107196	26	77	10	18

P59016	Vacuolar protein sorting-associated protein 33B - Mus musculus (Mouse)	71166	26	0	4	0
Q7TSY8	Shugoshin-like 2 - Mus musculus (Mouse)	131850	26	0	22	0
P08030	Adenine phosphoribosyltransferase (EC 2.4.2.7) (APRT) - Mus musculus (Mouse)	19895	26	0	5	0
Q8VCZ3	THAP domain-containing protein 7 - Mus musculus (Mouse)	35199	26	18	6	6
Q5XPT3	Glycosyltransferase-like protein LARGE2 (EC 2.4.-.-) (Glycosyltransferase-like 1B) - Mus musculus (Mouse)	79977	26	0	6	0
P56399	Ubiquitin carboxyl-terminal hydrolase 5 (EC 3.1.2.15) (Ubiquitin thioesterase 5) (Ubiquitin-specific-processing protease 5) (Deubiquitinating enzyme 5) (Isopeptidase T) - Mus musculus (Mouse)	96685	26	71	19	9
Q08024	Core-binding factor subunit beta (CBF-beta) (Polyomavirus enhancer-binding protein 2 beta subunit) (PEBP2-beta) (PEA2-beta) (SL3-3 enhancer factor 1 beta subunit) (SL3/AKV core-binding factor beta subunit) - Mus musculus (Mouse)	22245	26	188	2	4
Q9QWY8	130 kDa phosphatidylinositol 4,5-bisphosphate-dependent ARF1 GTPase-activating protein (PIP2-dependent ARF1 GAP) (ADP-ribosylation factor-directed GTPase-activating protein 1) (ARF GTPase-activating protein 1) (Development and differentiation-enhanci	128286	26	23	14	16
Q91Y97	Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase) (Aldolase 2) - Mus musculus (Mouse)	39938	26	51	5	11
O08677	Kininogen-1 precursor [Contains: Kininogen-1 heavy chain; Bradykinin; Kininogen-1 light chain] - Mus musculus (Mouse)	74140	26	21	5	7
Q8C761	WD repeat protein 60 - Mus musculus (Mouse)	115939	26	0	7	0

Q60695	Ral guanine nucleotide dissociation stimulator-like 1 (RalGDS-like 1) - Mus musculus (Mouse)	87205	26	15	4	6
Q80TH2	Protein LAP2 (ErbB2-interacting protein) (Erbin) (Densin-180-like protein) - Mus musculus (Mouse)	158047	26	0	9	0
Q60879	Olfactory receptor 3 (Olfactory receptor 136-14) (Odorant receptor K10) - Mus musculus (Mouse)	35515	26	0	2	0
P17047	Lysosome-associated membrane glycoprotein 2 precursor (LAMP-2) (Lysosomal membrane glycoprotein type B) (LGP-B) (CD107b antigen) - Mus musculus (Mouse)	46131	26	29	8	11
Q62407	Striated muscle-specific serine/threonine protein kinase (EC 2.7.11.1) (Aortic preferentially expressed protein 1) (APEG-1) - Mus musculus (Mouse)	356975	26	20	31	25
Q3TNA1	Xylulose kinase (EC 2.7.1.17) (Xylulokinase) - Mus musculus (Mouse)	60304	26	0	1	0
P54869	Hydroxymethylglutaryl-CoA synthase, mitochondrial precursor (EC 2.3.3.10) (HMG-CoA synthase) (3-hydroxy-3-methylglutaryl coenzyme A synthase) - Mus musculus (Mouse)	57300	26	23	18	17
Q60824	Bullous pemphigoid antigen 1, isoforms 6/7 (BPA) (Hemidesmosomal plaque protein) (Dystonia musculorum protein) (Dystonin) (Fragments) - Mus musculus (Mouse)	193173	26	0	30	0
Q99J99	3-mercaptopyruvate sulfurtransferase (EC 2.8.1.2) (MST) - Mus musculus (Mouse)	33231	26	0	6	0
Q8R322	Nucleoporin GLE1 (GLE1-like protein) - Mus musculus (Mouse)	79981	26	0	10	0
Q88207	Collagen alpha-1(V) chain precursor - Mus musculus (Mouse)	184248	26	0	26	0

Q6P7W0	Sentrin-specific protease 6 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP6) (SUMO-1-specific protease 1) - Mus musculus (Mouse)	128669	26	0	11	0
Q60677	Integrin alpha-E precursor (Integrin alpha M290) (CD103 antigen) [Contains: Integrin alpha-E light chain; Integrin alpha-E heavy chain] - Mus musculus (Mouse)	130498	26	0	14	0
Q8C9S8	Cysteine protease ATG4A (EC 3.4.22.-) (Autophagy-related protein 4 homolog A) (Autophagin-2) (Autophagy-related cysteine endopeptidase 2) (AUT-like 2 cysteine endopeptidase) - Mus musculus (Mouse)	45807	26	21	6	4
Q8BMA6	Signal recognition particle 68 kDa protein (SRP68) - Mus musculus (Mouse)	71092	26	15	27	13
Q9D1G2	Phosphomevalonate kinase (EC 2.7.4.2) (PMKase) - Mus musculus (Mouse)	22187	26	0	6	0
Q7TNP2	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A beta isoform (PP2A, subunit A, PR65-beta isoform) (PP2A, subunit A, R1-beta isoform) - Mus musculus (Mouse)	66592	26	22	9	9
Q9QXZ0	Microtubule-actin cross-linking factor 1 (Actin cross-linking family 7) - Mus musculus (Mouse)	611249	26	0	125	0
Q9Z176	Protein phosphatase 2A, 59 kDa regulatory subunit B (PP2A PR59) (PP2A B~~-PR59) - Mus musculus (Mouse)	56298	26	0	15	0
Q8R3C6	Probable RNA-binding protein 19 (RNA-binding motif protein 19) - Mus musculus (Mouse)	106474	26	32	11	20
Q9QYC1	Pecanex-like protein 1 (Pecanex homolog) - Mus musculus (Mouse)	260779	26	21	25	17

Q9JM05	E3 SUMO-protein ligase PIAS4 (Protein inhibitor of activated STAT protein 4) (Protein inhibitor of activated STAT protein gamma) (PIAS-gamma) (PIASy) - Mus musculus (Mouse)	56504	26	29	162	165
Q07104	Growth/differentiation factor 3 precursor (GDF-3) (VG-1-related protein 2) - Mus musculus (Mouse)	42128	26	0	11	0
Q99MS8	Tubulin polyglutamylase complex subunit 1 (PGs1) (p32) - Mus musculus (Mouse)	32833	26	20	2	4
P42337	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha isoform (EC 2.7.1.153) (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K) - Mus musculus (Mouse)	126141	26	0	13	0
Q9Z0W3	Nuclear pore complex protein Nup160 (Nucleoporin Nup160) (160 kDa nucleoporin) (Gene trap locus 1-13) (GTL-13) - Mus musculus (Mouse)	160126	26	0	14	0
Q9R269	Periplakin - Mus musculus (Mouse)	204508	26	0	48	0
Q3THS6	S-adenosylmethionine synthetase isoform type-2 (EC 2.5.1.6) (Methionine adenosyltransferase 2) (AdoMet synthetase 2) - Mus musculus (Mouse)	44003	26	42	11	12
Q8BR65	Sin3 histone deacetylase corepressor complex component SDS3 (Suppressor of defective silencing 3 protein homolog) - Mus musculus (Mouse)	38197	26	0	7	0
P48455	Serine/threonine-protein phosphatase 2B catalytic subunit gamma isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit gamma isoform) (Calcineurin, testis-specific catalytic subunit) (CAM-PRP catalytic subunit) - Mus musculus (Mouse)	59403	26	0	6	0

P97287	Induced myeloid leukemia cell differentiation protein Mcl-1 homolog (Bcl-2-related protein EAT/mcl1) - Mus musculus (Mouse)	35309	26	30	7	4
Q9QX66	Zinc-finger protein neuro-d4 (D4, zinc and double PHD fingers family 1) - Mus musculus (Mouse)	45636	26	0	5	0
Q99JI4	26S proteasome non-ATPase regulatory subunit 6 (26S proteasome regulatory subunit S10) (p42A) - Mus musculus (Mouse)	45792	26	0	2	0
Q8BV13	COP9 signalosome complex subunit 7b (Signalosome subunit 7b) (SGN7b) (JAB1-containing signalosome subunit 7b) - Mus musculus (Mouse)	29956	26	0	3	0
Q8R310	Transmembrane and coiled-coil domains protein 3 - Mus musculus (Mouse)	50541	26	18	21	10
Q9JKY5	Huntingtin-interacting protein 1-related protein (Hip1-related) - Mus musculus (Mouse)	120039	26	0	20	0
Q61789	Laminin subunit alpha-3 precursor (Nicein subunit alpha) - Mus musculus (Mouse)	374640	26	26	37	50
Q8CCG1	Uncharacterized protein C14orf140 homolog - Mus musculus (Mouse)	60175	26	0	13	0
Q9CQY5	Implantation-associated protein precursor (IAP) (Magnesium transporter protein 1) (MagT1) - Mus musculus (Mouse)	38287	26	22	8	12
P14429	H-2 class I histocompatibility antigen, Q7 alpha chain precursor (QA-2 antigen) - Mus musculus (Mouse)	38128	25	0	3	0
P35175	Stefin-3 - Mus musculus (Mouse)	11056	25	27	6	10
Q99N57	RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf) - Mus musculus (Mouse)	73669	25	0	8	0
Q03172	Zinc finger protein 40 (Transcription factor alphaA-CRYBP1) (Alpha A-crystallin-binding protein I) (Alpha A-CRYBP1) - Mus musculus (Mouse)	291073	25	24	21	15

P97496	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) (SWI3-related protein) - Mus musculus (Mouse)	123326	25	0	14	0
Q5SXJ3	Fanconi anemia group J protein homolog (EC 3.6.1.-) (ATP-dependent RNA helicase BRIP1) (Protein FACJ) (BRCA1-interacting protein C-terminal helicase 1) (BRCA1-interacting protein 1) (BRCA1-associated C-terminal helicase 1) - Mus musculus (Mouse)	133502	25	18	13	17
Q9D5Y0	Uncharacterized protein C7orf31 homolog (Protein TISP74) - Mus musculus (Mouse)	68416	25	0	11	0
Q9EPL8	Importin-7 (Imp7) (Ran-binding protein 7) (RanBP7) - Mus musculus (Mouse)	120721	25	121	9	12
Q62312	TGF-beta receptor type-2 precursor (EC 2.7.11.30) (TGF-beta receptor type II) (TGFR-2) (TGF-beta type II receptor) (Transforming growth factor-beta receptor type II) (TbetaR-II) - Mus musculus (Mouse)	68561	25	0	10	0
Q8BX70	Vacuolar protein sorting-associated protein 13C - Mus musculus (Mouse)	422162	25	17	53	38
Q91VE3	Kallikrein-7 precursor (EC 3.4.21.117) (Stratum corneum chymotryptic enzyme) (Thymopsin) (Serine protease 6) - Mus musculus (Mouse)	27924	25	24	9	23
Q8BZM0	Kelch-like protein 12 (CUL3-interacting protein 1) - Mus musculus (Mouse)	64175	25	0	4	0
Q8BKJ9	NAD-dependent deacetylase sirtuin-7 (EC 3.5.1.-) (SIR2-like protein 7) - Mus musculus (Mouse)	45745	25	0	4	0

Q3TB82	Pleckstrin homology domain-containing family F member 1 (PH domain-containing family F member 1) (Lysosome-associated apoptosis-inducing protein containing PH and FYVE domains) - Mus musculus (Mouse)	31822	25	0	10	0
Q922G7	Tektin-2 (Testicular tektin) (Tektin-t) - Mus musculus (Mouse)	50736	25	26	9	8
P51436	D(4) dopamine receptor (Dopamine D4 receptor) (D(2C) dopamine receptor) - Mus musculus (Mouse)	42429	25	0	4	0
Q9R244	Short transient receptor potential channel 2 (TrpC2) (mTrp2) - Mus musculus (Mouse)	131640	25	55	45	92
Q61074	Protein phosphatase 2C isoform gamma (EC 3.1.3.16) (PP2C-gamma) (Protein phosphatase magnesium-dependent 1 gamma) (Protein phosphatase 1C) (Fibroblast growth factor-inducible protein 13) (FIN13) - Mus musculus (Mouse)	59376	25	0	4	0
P26339	Chromogranin A precursor (CgA) [Contains: Pancreastatin; Beta-granin; WE-14] - Mus musculus (Mouse)	51929	25	0	3	0
Q6DFV7	Nuclear receptor coactivator 7 - Mus musculus (Mouse)	106918	25	16	11	9
P53351	Serine/threonine-protein kinase PLK2 (EC 2.7.11.21) (Polo-like kinase 1) (PLK-2) (Serine/threonine-protein kinase SNK) (Serum-inducible kinase) - Mus musculus (Mouse)	78845	25	0	16	0
Q9CQI9	Thyroid hormone receptor-associated protein 6 (Thyroid hormone receptor-associated protein complex 25 kDa component) (Trap25) - Mus musculus (Mouse)	20516	25	0	2	0

Q9QZS6	Heparan sulfate glucosamine 3-O-sulfotransferase 3B1 (EC 2.8.2.30) (Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 3B1) (Heparan sulfate 3-O-sulfotransferase 3B1) (m3-OST-3B) - Mus musculus (Mouse)	43641	25	0	8	0
Q8BGX3	Leucine-rich repeat and transmembrane domain-containing protein 2 precursor - Mus musculus (Mouse)	41867	25	0	4	0
Q80TB8	Probable oxidoreductase KIAA1576 (EC 1.-.-.-) - Mus musculus (Mouse)	46130	25	14	25	21
Q8CGF6	WD repeat protein 47 - Mus musculus (Mouse)	103826	25	0	15	0
O70194	Eukaryotic translation initiation factor 3 subunit 7 (eIF-3 zeta) (eIF3 p66) (eIF3d) - Mus musculus (Mouse)	64202	25	0	4	0
Q9QZS3	Protein numb homolog (m-Numb) (m-Nb) - Mus musculus (Mouse)	71396	25	0	7	0
Q8K363	ATP-dependent RNA helicase DDX18 (EC 3.6.1.-) (DEAD box protein 18) - Mus musculus (Mouse)	74476	25	0	13	0
Q9EQC4	Elongation of very long chain fatty acids protein 4 - Mus musculus (Mouse)	36668	25	18	5	6
Q9CQI6	Coactosin-like protein - Mus musculus (Mouse)	16048	25	0	7	0
Q7TPM1	Uncharacterized protein KIAA0515 - Mus musculus (Mouse)	161270	25	0	18	0
P10166	L-myc-1 proto-oncogene protein - Mus musculus (Mouse)	41336	25	15	8	3
P52927	High mobility group protein HMGI-C (High mobility group AT-hook protein 2) - Mus musculus (Mouse)	11869	25	0	3	0
Q569Z5	Probable ATP-dependent RNA helicase DDX46 (EC 3.6.1.-) (DEAD box protein 46) - Mus musculus (Mouse)	117889	25	17	21	17
Q8R4U0	Stabilin-2 precursor [Contains: Short form stabilin-2] - Mus musculus (Mouse)	288924	25	43	12	10

Q54988	STE20-like serine/threonine-protein kinase (EC 2.7.11.1) (STE20-like kinase) (STE20-related serine/threonine-protein kinase) (STE20-related kinase) (mSLK) (Serine/threonine-protein kinase 2) (STE20-related kinase SMAK) (Etk4) - Mus musculus (Mouse)	142055	25	0	26	0
Q8K4L3	Supervillin (Archvillin) (p205/p250) - Mus musculus (Mouse)	244551	25	22	18	12
P53762	Aryl hydrocarbon receptor nuclear translocator (ARNT protein) (Dioxin receptor, nuclear translocator) (Hypoxia-inducible factor 1 beta) (HIF-1 beta) - Mus musculus (Mouse)	87778	25	22	7	4
Q9WV07	Epidermis-type lipoxygenase 3 (EC 1.13.11.-) (e-LOX-3) - Mus musculus (Mouse)	82066	25	22	9	6
P63321	Ras-related protein Ral-A - Mus musculus (Mouse)	23709	25	22	30	39
Q8BGT5	Alanine aminotransferase 2 (EC 2.6.1.2) (ALT2) (Glutamic--pyruvic transaminase 2) (GPT 2) (Glutamic--alanine transaminase 2) - Mus musculus (Mouse)	58705	25	20	15	24
Q9DBG5	Mannose-6-phosphate receptor-binding protein 1 (Cargo selection protein TIP47) - Mus musculus (Mouse)	47347	25	22	8	6
Q8QZR5	Alanine aminotransferase 1 (EC 2.6.1.2) (ALT1) (Glutamic--pyruvic transaminase 1) (GPT 1) (Glutamic--alanine transaminase 1) - Mus musculus (Mouse)	55905	25	20	15	26
Q921P9	Transcription elongation factor A protein-like 1 (TCEA-like protein 1) (Transcription elongation factor S-II protein-like 1) - Mus musculus (Mouse)	19471	25	22	6	3
Q60855	Receptor-interacting serine/threonine-protein kinase 1 (EC 2.7.11.1) (Serine/threonine-protein kinase RIP) (Cell death protein RIP) (Receptor-interacting protein) - Mus musculus (Mouse)	75434	25	0	12	0

Q8BM75	AT-rich interactive domain-containing protein 5B (ARID domain-containing protein 5B) (MRF1-like) (Modulator recognition factor protein 2) (MRF-2) (Developmentally and sexually retarded with transient immune abnormalities protein) - Mus musculus (Mouse)	132869	25	0	12	0
Q8BG95	Protein phosphatase 1 regulatory subunit 12B (Myosin phosphatase-targeting subunit 2) - Mus musculus (Mouse)	109326	25	24	25	22
Q8R429	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 (EC 3.6.3.8) (Calcium pump 1) (SERCA1) (SR Ca(2+)-ATPase 1) (Calcium-transporting ATPase sarcoplasmic reticulum type, fast twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) AT	110723	25	17	17	14
Q2VPD4	Aryl hydrocarbon receptor nuclear translocator-like protein 2 (Brain and muscle ARNT-like 2) - Mus musculus (Mouse)	65042	25	0	8	0
Q6P4S8	Integrator complex subunit 1 (Int1) - Mus musculus (Mouse)	239047	25	33	26	27
Q99K82	Spermine oxidase (EC 1.5.3.-) (Polyamine oxidase 1) (PAO-1) (PAOh1) - Mus musculus (Mouse)	62612	25	0	3	0
Q8R0H9	ADP-ribosylation factor-binding protein GGA1 (Golgi-localized, gamma ear-containing, ARF-binding protein 1) (Gamma-adaptin-related protein 1) - Mus musculus (Mouse)	70270	25	0	8	0
P30545	Alpha-2B adrenergic receptor (Alpha-2B adrenoceptor) (Alpha-2B adrenoceptor) - Mus musculus (Mouse)	50881	25	0	5	0
Q9EQP6	Arrestin-C (Cone arrestin) (cArr) (Retinal cone arrestin-3) - Mus musculus (Mouse)	42180	25	0	3	0
Q8BIJ7	RUN and FYVE domain-containing protein 1 (Rab4-interacting protein) - Mus musculus (Mouse)	81466	25	0	21	0
P11531	Dystrophin - Mus musculus (Mouse)	427662	25	16	66	55

Q9EQ43	Vomeroneasal type-1 receptor B10 - Mus musculus (Mouse)	35773	25	0	3	0
Q9D5V2	Kelch-like protein 10 - Mus musculus (Mouse)	69958	25	0	8	0
P82343	N-acylglucosamine 2-epimerase (EC 5.1.3.8) (GlcNAc 2-epimerase) (N-acetyl-D-glucosamine 2-epimerase) (AGE) (Renin-binding protein) (RnBP) - Mus musculus (Mouse)	49048	24	16	18	9
Q6ZWM4	U6 snRNA-associated Sm-like protein LSm8 - Mus musculus (Mouse)	10396	24	0	2	0
Q61881	DNA replication licensing factor MCM7 (CDC47 homolog) - Mus musculus (Mouse)	81787	24	18	10	6
Q9EQC5	N-terminal kinase-like protein (SCY1-like protein 1) (105 kDa kinase-like protein) (Mitosis-associated kinase-like protein NTKL) - Mus musculus (Mouse)	89731	24	0	5	0
Q4U2R1	HECT domain and RCC1-like domain-containing protein 2 - Mus musculus (Mouse)	533983	24	24	45	49
Q9DCD2	XPA-binding protein 2 - Mus musculus (Mouse)	100723	24	0	12	0
Q92111	Serotransferrin precursor (Transferrin) (Siderophilin) (Beta-1-metal-binding globulin) - Mus musculus (Mouse)	78841	24	19	7	8
O55142	60S ribosomal protein L35a - Mus musculus (Mouse)	12660	24	50	4	6
O54834	Rho GTPase-activating protein 6 (Rho-type GTPase-activating protein RhoGAPX-1) - Mus musculus (Mouse)	109518	24	0	6	0
Q61329	Alpha-fetoprotein enhancer-binding protein (AT motif-binding factor) (AT-binding transcription factor 1) - Mus musculus (Mouse)	410990	24	16	30	30
P33174	Chromosome-associated kinesin KIF4A (Chromokinesin) - Mus musculus (Mouse)	141061	24	22	15	12
Q80W37	Snurportin-1 (RNA U transporter 1) - Mus musculus (Mouse)	41462	24	0	1	0
Q9EQD0	Frizzled-5 precursor (Fz-5) (mFz5) - Mus musculus (Mouse)	65692	24	0	5	0

Q62318	Transcription intermediary factor 1-beta (TIF1-beta) (Tripartite motif-containing protein 28) (KRAB-A-interacting protein) (KRIP-1) - Mus musculus (Mouse)	90558	24	84	10	20
Q3UGF1	WD repeat protein 19 - Mus musculus (Mouse)	153298	24	0	12	0
O89110	Caspase-8 precursor (EC 3.4.22.-) (CASP-8) [Contains: Caspase-8 subunit p18; Caspase-8 subunit p10] - Mus musculus (Mouse)	56291	24	0	4	0
Q3UTQ8	Cyclin-dependent kinase-like 5 (EC 2.7.11.22) - Mus musculus (Mouse)	105767	24	16	11	15
Q99JF8	PC4 and SFRS1-interacting protein (Lens epithelium-derived growth factor) (mLEDGF) - Mus musculus (Mouse)	59774	24	0	4	0
Q8C5W3	Tubulin-specific chaperone cofactor E-like protein (Leucine-rich repeat-containing protein 35) - Mus musculus (Mouse)	48515	24	0	38	0
Q6PAL8	Rab6-interacting protein 1 (Rab6IP1) - Mus musculus (Mouse)	148213	24	0	17	0
Q5SYD0	Myosin-Ia - Mus musculus (Mouse)	116806	24	0	24	0
O08739	AMP deaminase 3 (EC 3.5.4.6) (AMP deaminase isoform E) (AMP deaminase H-type) (Heart-type AMPD) - Mus musculus (Mouse)	89122	24	0	8	0
Q8CGK7	Guanine nucleotide-binding protein G(olf) subunit alpha (Adenylate cyclase-stimulating G alpha protein, olfactory type) - Mus musculus (Mouse)	44794	24	0	13	0
Q5XJE5	RNA polymerase-associated protein LEO1 - Mus musculus (Mouse)	75710	24	0	12	0
P50752	Troponin T, cardiac muscle (TnTc) (Cardiac muscle troponin T) (cTnT) - Mus musculus (Mouse)	35804	24	0	8	0
Q35344	Importin alpha-3 subunit (Karyopherin alpha-3 subunit) (Importin alpha Q2) - Mus musculus (Mouse)	58193	24	28	10	6

Q8CIV7	Transcription factor Ovo-like 2 (mOvo2) (Zinc finger protein 339) (Zinc finger OVO2) (Zinc finger protein mOVO) - Mus musculus (Mouse)	31479	24	0	18	0
Q61147	Ceruloplasmin precursor (EC 1.16.3.1) (Ferroxidase) - Mus musculus (Mouse)	121938	24	27	41	36
Q62396	Zinc finger protein 92 (Zfp-92) - Mus musculus (Mouse)	57010	24	0	5	0
Q8CFB4	Guanylate-binding protein 5 (GTP-binding protein 5) (Guanine nucleotide-binding protein 5) (GBP-5) (MuGBP-5) - Mus musculus (Mouse)	67441	24	18	12	18
O35468	Protein Wnt-9b precursor (Wnt-15) (Wnt-14b) - Mus musculus (Mouse)	40382	24	0	9	0
Q811D2	Ankyrin repeat domain-containing protein 26 - Mus musculus (Mouse)	181790	24	16	29	33
Q9ERI2	Ras-related protein Rab-27A - Mus musculus (Mouse)	25286	24	0	5	0
Q8CFQ3	Intron-binding protein aquarius - Mus musculus (Mouse)	171440	24	0	14	0
P27931	Interleukin-1 receptor type II precursor (IL-1R-2) (IL-1R-beta) (CD121b antigen) - Mus musculus (Mouse)	46130	24	24	8	3
Q9CQL1	Protein mago nashi homolog 1-related - Mus musculus (Mouse)	17138	24	0	5	0
Q02111	Protein kinase C theta type (EC 2.7.11.13) (nPKC-theta) - Mus musculus (Mouse)	83059	24	19	15	7
P20918	Plasminogen precursor (EC 3.4.21.7) [Contains: Plasmin heavy chain A; Activation peptide; Angiostatin; Plasmin heavy chain A, short form; Plasmin light chain B] - Mus musculus (Mouse)	93460	24	0	6	0
Q922R1	UPF0183 protein C16orf70 homolog - Mus musculus (Mouse)	47942	24	0	5	0
Q8VIG1	RE1-silencing transcription factor (Neural-restrictive silencer factor) - Mus musculus (Mouse)	119420	24	0	59	0
Q8BM39	Pre-mRNA-splicing factor 18 (PRP18 homolog) - Mus musculus (Mouse)	40036	24	0	8	0
Q9CY10	Protein Njmu-R1 - Mus musculus (Mouse)	45021	24	0	10	0

Q8K057	Intraflagellar transport 80 homolog (WD repeat protein 56) - Mus musculus (Mouse)	88440	24	0	10	0
Q99PW8	Kinesin-like protein KIF17 (MmKIF17) - Mus musculus (Mouse)	116928	24	44	13	35
Q6PDM2	Splicing factor, arginine/serine-rich 1 - Mus musculus (Mouse)	27842	24	91	5	6
Q8CGC6	RNA-binding protein 28 (RNA-binding motif protein 28) - Mus musculus (Mouse)	84665	24	41	71	66
Q8K4Q0	Regulatory-associated protein of mTOR (Raptor) (P150 target of rapamycin (TOR)-scaffold protein) - Mus musculus (Mouse)	151200	24	0	18	0
Q8BHE0	Proline-rich protein 11 - Mus musculus (Mouse)	41607	24	25	6	5
Q9WVK4	EH domain-containing protein 1 (mPAST1) - Mus musculus (Mouse)	60622	24	0	14	0
Q9Z1M4	Ribosomal protein S6 kinase beta-2 (EC 2.7.11.1) (S6K-beta 2) (70 kDa ribosomal protein S6 kinase 2) (p70-S6KB) (p70 ribosomal S6 kinase beta) (p70 S6Kbeta) (S6K2) - Mus musculus (Mouse)	53904	24	0	15	0
Q9QXY6	EH domain-containing protein 3 - Mus musculus (Mouse)	60888	24	0	5	0
Q8K450	Sperm-associated antigen 16 protein (PF20 protein homolog) - Mus musculus (Mouse)	72340	24	0	11	0
O35906	Transcription factor Spi-B - Mus musculus (Mouse)	29575	24	0	6	0
Q8K411	Presequence protease, mitochondrial precursor (EC 3.4.24.-) (Pitrilysin metalloproteinase 1) - Mus musculus (Mouse)	118438	24	0	15	0
Q6ZWU9	40S ribosomal protein S27 - Mus musculus (Mouse)	9797	24	0	2	0
Q61043	Ninein - Mus musculus (Mouse)	236852	24	0	48	0
Q8VHP8	Ras-related protein Rab-40B (SOCS box-containing protein RAR) - Mus musculus (Mouse)	31442	24	0	7	0
O88543	COP9 signalosome complex subunit 3 (Signalosome subunit 3) (SGN3) (JAB1-containing signalosome subunit 3) - Mus musculus (Mouse)	48371	24	20	5	7

Q62418	Drebrin-like protein (SH3 domain containing protein 7) (Actin-binding protein 1) - Mus musculus (Mouse)	48955	24	39	7	8
Q9R0L6	Pericentriolar material 1 protein (PCM-1) (mPCM-1) - Mus musculus (Mouse)	230117	24	30	19	16
Q6PCN7	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 3 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 3) (TNF-response element-binding protein) (P113) - Mus musculus (Mouse)	114442	24	24	16	9
Q9CY14	Putative RNA-binding protein Luc7-like 1 - Mus musculus (Mouse)	44307	24	24	8	5
O08756	3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1.1.35) (3-hydroxyacyl-CoA dehydrogenase type II) (Type II HADH) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase) (EC 1.1.1.178) (Endoplasmic reticulum-associated amyloid beta-peptide-binding protein) - Mus musculus (Mouse)	27516	24	0	9	0
O54785	LIM domain kinase 2 (EC 2.7.11.1) (LIMK-2) - Mus musculus (Mouse)	73524	24	24	9	9
Q9CT10	Ran-binding protein 3 (RanBP3) - Mus musculus (Mouse)	52826	23	0	10	0
Q65Z40	Wings apart-like protein homolog (Dioxin-inducible factor 2) (DIF-2) - Mus musculus (Mouse)	135626	23	0	20	0
Q9DAI4	Zinc finger and BTB domain-containing protein 43 (Zinc finger protein 297B) - Mus musculus (Mouse)	53245	23	51	9	9
Q8VE62	Polyadenylate-binding protein-interacting protein 1 (Poly(A)-binding protein-interacting protein 1) (PABP-interacting protein 1) (PAIP-1) - Mus musculus (Mouse)	46015	23	0	4	0
Q8VCK5	Kelch-like protein 20 (Kelch-like ECT2-interacting protein) - Mus musculus (Mouse)	68338	23	0	22	0

Q8VHN7	G-protein coupled receptor 98 precursor (Monogenic audiogenic seizure susceptibility protein 1) (Very large G-protein coupled receptor 1) (Neurepin) - Mus musculus (Mouse)	689596	23	18	41	35
Q64455	Receptor-type tyrosine-protein phosphatase eta precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase eta) (R-PTP-eta) (HPTP beta-like tyrosine phosphatase) (Protein-tyrosine phosphatase receptor type J) (Susceptibility to colon cancer 1) - Mus muscu	137723	23	0	13	0
Q9D0E1	Heterogeneous nuclear ribonucleoprotein M (hnRNP M) - Mus musculus (Mouse)	77940	23	21	12	7
Q3U5C8	Rho guanine nucleotide exchange factor 16 - Mus musculus (Mouse)	80687	23	0	18	0
Q9D8V0	Minor histocompatibility antigen H13 (EC 3.4.99.-) (Signal peptide peptidase) (Presenilin-like protein 3) - Mus musculus (Mouse)	42006	23	29	28	21
P43406	Integrin alpha-V precursor (Vitronectin receptor subunit alpha) (CD51 antigen) [Contains: Integrin alpha-V heavy chain; Integrin alpha-V light chain] - Mus musculus (Mouse)	116288	23	35	19	17
P59764	Dedicator of cytokinesis protein 4 - Mus musculus (Mouse)	228173	23	17	39	34
Q6ZPY7	JmjC domain-containing histone demethylation protein 2B (EC 1.14.11.-) (Jumonji domain-containing protein 1B) - Mus musculus (Mouse)	172479	23	0	13	0
Q9ET01	Glycogen phosphorylase, liver form (EC 2.4.1.1) - Mus musculus (Mouse)	97825	23	0	12	0
Q9WUB3	Glycogen phosphorylase, muscle form (EC 2.4.1.1) (Myophosphorylase) - Mus musculus (Mouse)	97681	23	0	17	0
Q8CI94	Glycogen phosphorylase, brain form (EC 2.4.1.1) - Mus musculus (Mouse)	97353	23	0	9	0

P48758	Carbonyl reductase [NADPH] 1 (EC 1.1.1.184) (NADPH-dependent carbonyl reductase 1) - Mus musculus (Mouse)	30994	23	0	6	0
Q99MN9	Propionyl-CoA carboxylase beta chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit beta) (Propanoyl-CoA:carbon dioxide ligase subunit beta) - Mus musculus (Mouse)	58984	23	0	4	0
Q99JR1	Sideroflexin-1 - Mus musculus (Mouse)	35911	23	0	9	0
Q8K0E7	Serine incorporator 2 (Tumor differentially expressed 2-like) - Mus musculus (Mouse)	51756	23	0	1	0
Q8K1G2	Limbin - Mus musculus (Mouse)	138237	23	0	13	0
O08742	Platelet glycoprotein V precursor (GPV) (CD42D antigen) - Mus musculus (Mouse)	63941	23	17	6	1
Q8VHS2	Crumbs homolog 1 precursor - Mus musculus (Mouse)	160377	23	28	10	12
Q80YV4	Pantothenate kinase 4 (EC 2.7.1.33) (Pantothenic acid kinase 4) (mPanK4) - Mus musculus (Mouse)	92433	23	28	13	13
Q8BGQ1	Uncharacterized protein C14orf133 homolog - Mus musculus (Mouse)	56875	23	28	5	9
Q14B48	Coiled-coil domain-containing protein 129 - Mus musculus (Mouse)	117584	23	17	13	14
Q8BN21	Serine/threonine-protein kinase VRK2 (EC 2.7.11.1) (Vaccinia-related kinase 2) - Mus musculus (Mouse)	58481	23	0	5	0
P41216	Long-chain-fatty-acid--CoA ligase 1 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 1) (LACS 1) - Mus musculus (Mouse)	78900	23	18	23	26
Q91WC3	Long-chain-fatty-acid--CoA ligase 6 (EC 6.2.1.3) (Long-chain acyl-CoA synthetase 6) (LACS 6) - Mus musculus (Mouse)	78994	23	18	16	26
P27664	Rod cGMP-specific 3~,5~-cyclic phosphodiesterase subunit alpha (EC 3.1.4.35) (GMP-PDE alpha) - Mus musculus (Mouse)	100437	23	0	15	0

Q80YR5	Scaffold attachment factor B2 - Mus musculus (Mouse)	112398	23	0	17	0
Q9DBL7	Bifunctional coenzyme A synthase (CoA synthase) [Includes: Phosphopantetheine adenylyltransferase (EC 2.7.7.3) (Pantetheine-phosphate adenylyltransferase) (PPAT) (Dephospho-CoA pyrophosphorylase); Dephospho-CoA kinase (EC 2.7.1.24) (DPCK) (Dephospho	62213	23	0	4	0
Q924K1	Aryl-hydrocarbon-interacting protein-like 1 - Mus musculus (Mouse)	38678	23	0	6	0
Q80UE6	Serine/threonine-protein kinase WNK4 (EC 2.7.11.1) (Protein kinase with no lysine 4) (Protein kinase, lysine-deficient 4) - Mus musculus (Mouse)	133354	23	33	29	15
Q9WTS5	Teneurin-2 (Ten-2) (Tenascin-M2) (Ten-m2) (Protein Odd Oz/ten-m homolog 2) - Mus musculus (Mouse)	310721	23	21	39	31
Q8BP00	IQ calmodulin-binding motif-containing protein 1 - Mus musculus (Mouse)	69204	23	0	14	0
P07607	Thymidylate synthase (EC 2.1.1.45) (TS) (TSase) - Mus musculus (Mouse)	35221	23	0	6	0
Q88712	C-terminal-binding protein 1 (EC 1.1.1.-) (CtBP1) - Mus musculus (Mouse)	48084	23	0	5	0
Q63943	Myocyte-specific enhancer factor 2D - Mus musculus (Mouse)	55187	23	0	3	0
Q8BWR8	Rhophilin-2 (GTP-Rho-binding protein 2) - Mus musculus (Mouse)	77535	23	0	10	0
Q80WT0	Junctophilin-4 (Junctophilin-like 1 protein) - Mus musculus (Mouse)	66302	23	0	7	0
Q8C0R0	Ubiquitin carboxyl-terminal hydrolase 37 (EC 3.1.2.15) (Ubiquitin thioesterase 37) (Ubiquitin-specific-processing protease 37) (Deubiquitinating enzyme 37) - Mus musculus (Mouse)	111078	23	23	23	23

Q8CF10	E3 ubiquitin-protein ligase NEDD4-like protein (EC 6.3.2.-) (Nedd4-2) (NEDD4.2) - Mus musculus (Mouse)	115746	23	16	16	11
O08808	Protein diaphanous homolog 1 (Diaphanous-related formin-1) (DRF1) (mDIA1) (p140mDIA) - Mus musculus (Mouse)	140053	23	24	23	26
Q62388	Serine-protein kinase ATM (EC 2.7.11.1) (Ataxia telangiectasia mutated homolog) (A-T, mutated homolog) - Mus musculus (Mouse)	354054	23	21	42	21
Q8R079	Bifunctional apoptosis regulator - Mus musculus (Mouse)	53618	23	0	8	0
Q6PB97	F-box/LRR-repeat protein 19 (F-box and leucine-rich repeat protein 19) - Mus musculus (Mouse)	75508	23	0	9	0
P26516	26S proteasome non-ATPase regulatory subunit 7 (26S proteasome regulatory subunit rpn8) (26S proteasome regulatory subunit S12) (Proteasome subunit p40) (Mov34 protein) - Mus musculus (Mouse)	36574	23	16	7	5
Q9JI90	E3 ubiquitin-protein ligase RNF14 (EC 6.3.2.-) (RING finger protein 14) (Androgen receptor-associated protein 54) (Protein Triad2) - Mus musculus (Mouse)	56629	23	0	6	0
Q6A070	Uncharacterized protein KIAA0423 - Mus musculus (Mouse)	194049	23	22	24	20
Q80XJ2	RING finger protein 168 - Mus musculus (Mouse)	63855	23	18	27	23
Q6PD21	SH2 domain-containing adapter protein B - Mus musculus (Mouse)	55472	23	18	3	7
Q8BH44	Coronin-2B - Mus musculus (Mouse)	54911	23	0	5	0
Q9CWJ9	Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase (EC 2.1.2.3) (5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase) (AICAR transformylase); IMP cyclohydrolase (EC 3.5.4.10	64687	23	0	17	0

P41242	Megakaryocyte-associated tyrosine-protein kinase (EC 2.7.10.2) (Tyrosine-protein kinase CTK) (Protein kinase NTK) - Mus musculus (Mouse)	56591	23	0	12	0
O35066	Kinesin-like protein KIF3C - Mus musculus (Mouse)	90131	23	37	8	18
O54990	Prominin-1 precursor (Prominin-like protein 1) (Antigen AC133 homolog) - Mus musculus (Mouse)	98248	23	0	8	0
Q6NXY1	WD repeat protein 67 (Protein 4-B-3) - Mus musculus (Mouse)	116563	23	0	12	0
P54103	Zuotin-related factor 1 - Mus musculus (Mouse)	59816	23	27	11	13
P62245	40S ribosomal protein S15a - Mus musculus (Mouse)	14944	23	19	6	3
O35887	Calumenin precursor (Crocabin) - Mus musculus (Mouse)	37155	23	0	5	0
P16014	Secretogranin-1 precursor (Secretogranin I) (Sgl) (Chromogranin B) (CgB) - Mus musculus (Mouse)	78036	23	0	14	0
P24527	Leukotriene A-4 hydrolase (EC 3.3.2.6) (LTA-4 hydrolase) (Leukotriene A(4) hydrolase) - Mus musculus (Mouse)	69604	23	0	21	0
Q8VI84	Nucleolar complex protein 3 homolog (NOC3 protein homolog) (NOC3-like protein) (Nucleolar complex-associated protein 3-like protein) (Factor for adipocyte differentiation 24) - Mus musculus (Mouse)	93737	23	0	13	0
P97821	Dipeptidyl-peptidase 1 precursor (EC 3.4.14.1) (Dipeptidyl-peptidase I) (DPP-I) (DPPI) (Cathepsin C) (Cathepsin J) (Dipeptidyl transferase) [Contains: Dipeptidyl-peptidase 1 exclusion domain chain (Dipeptidyl-peptidase I exclusion domain chain); Dipeptidyl-peptidase 1 heavy chain (Dipeptidyl-peptidase I heavy chain); Dipeptidyl-peptidase 1 light chain (Dipeptidyl-peptidase I light chain)] - Mus musculus (Mouse)	53141	23	0	3	0

Q91WJ8	Far upstream element-binding protein 1 (FUSE-binding protein 1) (FBP) - Mus musculus (Mouse)	68668	23	0	12	0
P56384	ATP synthase lipid-binding protein, mitochondrial precursor (EC 3.6.3.14) (ATP synthase proteolipid P3) (ATPase protein 9) (ATPase subunit C) - Mus musculus (Mouse)	14907	23	0	1	0
Q6WBX7	Cell cycle checkpoint control protein RAD9B homolog (RAD9 homolog B) (mRAD9B) - Mus musculus (Mouse)	45439	23	0	8	0
Q02496	Mucin-1 precursor (Polymorphic epithelial mucin) (PEMT) (Episialin) - Mus musculus (Mouse)	64754	23	0	7	0
Q7TT50	Serine/threonine-protein kinase MRCK beta (EC 2.7.11.1) (CDC42-binding protein kinase beta) (Myotonic dystrophy kinase-related CDC42-binding kinase beta) (Myotonic dystrophy protein kinase-like beta) (MRCK beta) (DMPK-like beta) - Mus musculus (Mous	196539	23	0	33	0
Q8C050	Ribosomal protein S6 kinase alpha-5 (EC 2.7.11.1) (Nuclear mitogen- and stress-activated protein kinase 1) (90 kDa ribosomal protein S6 kinase 5) (RSK-like protein kinase) (RLSK) - Mus musculus (Mouse)	97150	23	0	13	0
Q6R0H7	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas (Adenylate cyclase-stimulating G alpha protein) (Extra large alphas protein) (XLalphas) - Mus musculus (Mouse)	122513	23	0	23	0
P63094	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short (Adenylate cyclase-stimulating G alpha protein) - Mus musculus (Mouse)	46091	23	0	19	0
Q80T74	Kelch-like protein 29 (Kelch repeat and BTB domain-containing protein 9) - Mus musculus (Mouse)	72237	23	0	12	0

Q3U3Q1	Serine/threonine-protein kinase ULK3 (EC 2.7.11.1) (Unc-51-like kinase 3) - Mus musculus (Mouse)	53880	23	18	10	9
Q91X86	Transmembrane protein 98 - Mus musculus (Mouse)	24953	23	0	5	0
Q9WV80	Sorting nexin-1 - Mus musculus (Mouse)	59030	23	49	11	11
Q9WTL7	Acyl-protein thioesterase 2 (EC 3.1.2.-) (Lysophospholipase II) (Lysophospholipase 2) (mLyso II) - Mus musculus (Mouse)	25120	23	49	3	5
Q8QZS3	Folliculin - Mus musculus (Mouse)	65312	23	0	8	0
P58404	Striatin-4 (Zinedin) - Mus musculus (Mouse)	82235	23	0	8	0
Q80WJ6	Multidrug resistance-associated protein 9 (ATP-binding cassette transporter sub-family C member 12) - Mus musculus (Mouse)	154331	23	20	29	13
Q8R550	SH3 domain-containing kinase-binding protein 1 (SH3-containing, expressed in tumorigenic astrocytes) (Regulator of ubiquitous kinase) (Ruk) - Mus musculus (Mouse)	78293	23	0	7	0
Q811G0	Protein PTHB1 (Parathyroid hormone-responsive B1 gene protein homolog) - Mus musculus (Mouse)	100192	23	0	19	0
Q9Z329	Inositol 1,4,5-trisphosphate receptor type 2 (Type 2 inositol 1,4,5-trisphosphate receptor) (Type 2 InsP3 receptor) (IP3 receptor isoform 2) (InsP3R2) (Inositol 1,4,5-trisphosphate type V receptor) - Mus musculus (Mouse)	310443	23	0	45	0
P70170	ATP-binding cassette transporter sub-family C member 9 (Sulfonylurea receptor 2) - Mus musculus (Mouse)	175495	23	0	6	0
Q80T23	Synaptotagmin-like protein 5 - Mus musculus (Mouse)	84892	23	0	19	0
P70670	Nascent polypeptide-associated complex subunit alpha, muscle-specific form (Alpha-NAC, muscle-specific form) - Mus musculus (Mouse)	221379	22	130	29	22

Q9JIB6	Baculoviral IAP repeat-containing protein 1f (Neuronal apoptosis inhibitory protein 6) - Mus musculus (Mouse)	161889	22	0	16	0
Q69ZA1	Cell division cycle 2-like protein kinase 5 (EC 2.7.11.22) (CDC2-related protein kinase 5) - Mus musculus (Mouse)	165250	22	0	16	0
Q61037	Tuberin (Tuberous sclerosis 2 homolog protein) - Mus musculus (Mouse)	204395	22	46	38	91
Q925Q8	Dachshund homolog 2 (Dach2) - Mus musculus (Mouse)	68944	22	30	9	8
Q9WTR1	Transient receptor potential cation channel subfamily V member 2 (TrpV2) (osm-9-like TRP channel 2) (OTRPC2) (Growth factor-regulated calcium channel) (GRC) - Mus musculus (Mouse)	86709	22	30	5	10
Q8VD46	Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1 (Germ cell-specific ankyrin, SAM and basic leucine zipper domain-containing protein) - Mus musculus (Mouse)	53394	22	0	7	0
Q99PL5	Ribosome-binding protein 1 (Ribosome receptor protein) (mRRp) - Mus musculus (Mouse)	173232	22	0	40	0
Q9WVS7	Dual specificity mitogen-activated protein kinase kinase 5 (EC 2.7.12.2) (MAP kinase kinase 5) (MAPKK 5) (MAPK/ERK kinase 5) - Mus musculus (Mouse)	50529	22	22	17	11
Q8BIJ6	Isoleucyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.5) (Isoleucine--tRNA ligase) (IleRS) - Mus musculus (Mouse)	113873	22	0	9	0
Q99JH7	Calsyntenin-3 precursor - Mus musculus (Mouse)	107117	22	22	7	5
Q8R519	2-amino-3-carboxymuconate-6-semialdehyde decarboxylase (EC 4.1.1.45) - Mus musculus (Mouse)	38401	22	0	7	0

P50592	Tumor necrosis factor ligand superfamily member 10 (TNF-related apoptosis-inducing ligand) (Protein TRAIL) (CD253 antigen) - Mus musculus (Mouse)	33684	22	0	8	0
Q80W04	Transmembrane and coiled-coil domains protein 2 - Mus musculus (Mouse)	77292	22	0	9	0
Q8BG26	RUN and SH3 domain-containing protein 1 - Mus musculus (Mouse)	96333	22	18	8	4
Q9WVS0	Inducible T-cell co-stimulator precursor (Activation-inducible lymphocyte immunomediatory molecule) (CD28 and CTLA-4-like protein) (CCLP) (CD28-related protein 1) (CRP-1) (CD278 antigen) - Mus musculus (Mouse)	23265	22	0	1	0
Q00558	Factor VIII intron 22 protein (CpG island protein) - Mus musculus (Mouse)	40920	22	19	3	3
Q8C190	Zinc finger CCCH domain-containing protein C19orf7 homolog - Mus musculus (Mouse)	141564	22	0	7	0
Q9ET80	Junctophilin-1 (Junctophilin type 1) (JP-1) - Mus musculus (Mouse)	72374	22	0	22	0
Q3V1H1	Cytoskeleton-associated protein 2 - Mus musculus (Mouse)	74440	22	0	11	0
P40124	Adenylyl cyclase-associated protein 1 (CAP 1) - Mus musculus (Mouse)	51885	22	43	8	9
Q3U186	Probable arginyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.19) (Arginine--tRNA ligase) (ArgRS) (Arginyl-tRNA synthetase-like) - Mus musculus (Mouse)	65865	22	21	37	41
P26011	Integrin beta-7 precursor (Integrin beta-P) (M290 IEL antigen) - Mus musculus (Mouse)	90491	22	0	5	0
Q9R1X4	Timeless homolog (mTim) - Mus musculus (Mouse)	138215	22	25	16	9

Q9Z0R0	Serine/threonine-protein kinase Haspin (EC 2.7.11.1) (Haploid germ cell-specific nuclear protein kinase) (Germ cell-specific gene 2 protein) - Mus musculus (Mouse)	85326	22	0	7	0
P70268	Serine/threonine-protein kinase N1 (EC 2.7.11.13) (Protein kinase C-like 1) (Protein-kinase C-related kinase 1) (Protein kinase C-like PKN) (Serine-threonine protein kinase N) - Mus musculus (Mouse)	105087	22	25	14	4
Q9WTZ2	Membrane-bound transcription factor site-1 protease precursor (EC 3.4.21.112) (S1P endopeptidase) (Site-1 protease) (Subtilisin/kexin isozyme 1) (SKI-1) (Sterol-regulated luminal protease) - Mus musculus (Mouse)	118124	22	0	7	0
Q91XI1	tRNA-dihydrouridine synthase 3-like (EC 1.-.-.-) - Mus musculus (Mouse)	72401	22	0	6	0
Q9JL8	Seryl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.11) (Serine--tRNA ligase) (SerRSmt) - Mus musculus (Mouse)	58779	22	0	6	0
Q52KI8	Serine/arginine repetitive matrix protein 1 (Plenty-of-prolines 101) - Mus musculus (Mouse)	106885	22	73	29	20
Q6PGB8	Probable global transcription activator SNF2L1 (EC 3.6.1.-) (Nucleosome remodeling factor subunit SNF2L) (ATP-dependent helicase SMARCA1) (SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 1) (DNA-dependent	122322	22	0	24	0
P06869	Urokinase-type plasminogen activator precursor (EC 3.4.21.73) (uPA) (U-plasminogen activator) [Contains: Urokinase-type plasminogen activator long chain A; Urokinase-type plasminogen activator short chain A; Urokinase-type plasminogen activator chain B] - Mus musculus (Mouse)	49662	22	0	5	0

Q9CQL5	39S ribosomal protein L18, mitochondrial precursor (L18mt) (MRP-L18) - Mus musculus (Mouse)	20949	22	0	6	0
Q5XJV6	Serine/threonine-protein kinase LMTK3 precursor (EC 2.7.11.1) (Lemur tyrosine kinase 3) - Mus musculus (Mouse)	151881	22	0	7	0
Q9Z2Q5	39S ribosomal protein L40, mitochondrial precursor (L40mt) (MRP-40) (Nuclear localization signal-containing protein deleted in velocardiofacial syndrome homolog) - Mus musculus (Mouse)	24400	22	0	6	0
O88799	Zonadhesin precursor - Mus musculus (Mouse)	609345	22	26	25	17
Q9D832	DnaJ homolog subfamily B member 4 - Mus musculus (Mouse)	37929	22	0	7	0
Q8VDX6	Transmembrane protein 5 - Mus musculus (Mouse)	51867	22	28	5	11
Q9D187	Protein FAM96B - Mus musculus (Mouse)	17770	22	0	2	0
O88520	Leucine-rich repeat protein SHOC-2 (Ras-binding protein Sur-8) - Mus musculus (Mouse)	65309	22	0	19	0
Q9QXS6	Drebrin (Developmentally-regulated brain protein) - Mus musculus (Mouse)	77981	22	19	8	11
Q7TNF8	Peripheral-type benzodiazepine receptor-associated protein 1 (PRAX-1) (Peripheral benzodiazepine receptor-interacting protein) (PBR-IP) (RIM-binding protein 1) (RIM-BP1) - Mus musculus (Mouse)	202143	22	0	13	0
Q8C1B2	TCDD-inducible poly [ADP-ribose] polymerase (EC 2.4.2.30) - Mus musculus (Mouse)	76764	22	0	6	0
Q6PGG2	GEM-interacting protein (GMIP) - Mus musculus (Mouse)	108676	22	16	11	8
P47738	Aldehyde dehydrogenase, mitochondrial precursor (EC 1.2.1.3) (ALDH class 2) (AHD-M1) (ALDHI) (ALDH-E2) - Mus musculus (Mouse)	57015	22	0	4	0
Q9ES17	Interleukin-21 precursor (IL-21) - Mus musculus (Mouse)	17085	22	25	6	5

Q8BMG7	Rab3 GTPase-activating protein non-catalytic subunit (Rab3 GTPase-activating protein 150 kDa subunit) (Rab3-GAP p150) (Rab3-GAP regulatory subunit) (RAB3-GAP150) - Mus musculus (Mouse)	154035	22	18	19	23
Q91VN0	Low-density lipoprotein receptor-related protein 5 precursor (LRP7) (Lr3) - Mus musculus (Mouse)	182033	22	19	21	18
Q61087	Laminin subunit beta-3 precursor (Laminin 5 beta 3) (Kalinin B1 chain) - Mus musculus (Mouse)	132790	22	23	19	15
Q9QXL1	Kinesin family member 21B (Kinesin-like protein KIF6) - Mus musculus (Mouse)	187873	22	45	26	25
Q7TSJ6	Serine/threonine-protein kinase LATS2 (EC 2.7.11.1) (Large tumor suppressor homolog 2) (Serine/threonine-protein kinase kpm) (Kinase phosphorylated during mitosis protein) - Mus musculus (Mouse)	116312	22	0	11	0
Q91X17	Uromodulin precursor (Tamm-Horsfall urinary glycoprotein) (THP) - Mus musculus (Mouse)	73535	22	0	6	0
Q8BHC0	Lymphatic vessel endothelial hyaluronic acid receptor 1 precursor (LYVE-1) (Cell surface retention sequence-binding protein 1) (CRSBP-1) (Extracellular link domain-containing protein 1) - Mus musculus (Mouse)	35065	22	0	7	0
Q62137	Tyrosine-protein kinase JAK3 (EC 2.7.10.2) (Janus kinase 3) (JAK-3) - Mus musculus (Mouse)	146732	22	21	17	8
Q7TMF5	Serpin A12 precursor (Visceral adipose-specific serpin) (Visceral adipose tissue-derived serine protease inhibitor) (Vaspin) - Mus musculus (Mouse)	47660	22	0	14	0
Q8VCM3	Zinc finger FYVE domain-containing protein 21 - Mus musculus (Mouse)	26885	22	0	9	0

Q60716	Prolyl 4-hydroxylase subunit alpha-2 precursor (EC 1.14.11.2) (4-PH alpha-2) (Procollagen-proline,2-oxoglutarate-4-dioxygenase alpha-2 subunit) - Mus musculus (Mouse)	61306	22	27	8	10
Q8CAV0	UPF0054 protein C21orf57 homolog - Mus musculus (Mouse)	19205	22	0	3	0
Q7TNF0	Double C2-like domain-containing protein alpha (Doc2-alpha) - Mus musculus (Mouse)	45208	22	0	4	0
Q5SSE9	ATP-binding cassette sub-family A member 13 - Mus musculus (Mouse)	573209	22	23	33	38
Q6PDJ6	F-box only protein 42 - Mus musculus (Mouse)	78469	22	0	12	0
Q5DU25	IQ motif and Sec7 domain-containing protein 2 - Mus musculus (Mouse)	162663	22	0	17	0
Q8BGE5	Fanconi anemia group M protein homolog (EC 3.6.1.-) (ATP-dependent RNA helicase FANCM) (Protein FACM) - Mus musculus (Mouse)	228328	22	21	22	20
Q8VIH1	Homeobox protein NOBOX (Newborn ovary homeobox protein) (Homeodomain-containing protein OG-2) (Oocyte-specific homeobox protein) - Mus musculus (Mouse)	57928	22	22	6	12
Q8BH43	Wiskott-Aldrich syndrome protein family member 2 (WASP-family protein member 2) (Protein WAVE-2) - Mus musculus (Mouse)	54268	22	0	3	0
Q924S8	Sprouty-related, EVH1 domain-containing protein 1 (Spred-1) - Mus musculus (Mouse)	51943	22	0	9	0
Q9EPW9	Toll-like receptor 6 precursor (CD286 antigen) - Mus musculus (Mouse)	92255	22	0	11	0
P09602	Nonhistone chromosomal protein HMG-17 (High-mobility group nucleosome-binding domain-containing protein 2) - Mus musculus (Mouse)	9417	22	0	1	0

P97379	Ras GTPase-activating protein-binding protein 2 (G3BP-2) (GAP SH3 domain-binding protein 2) - Mus musculus (Mouse)	54112	22	0	6	0
Q9DCL9	Multifunctional protein ADE2 [Includes: Phosphoribosylaminoimidazole-succinocarboxamide synthase (EC 6.3.2.6) (SAICAR synthetase); Phosphoribosylaminoimidazole carboxylase (EC 4.1.1.21) (AIR carboxylase) (AIRC)] - Mus musculus (Mouse)	47781	22	0	26	0
Q05895	Thrombospondin-3 precursor - Mus musculus (Mouse)	106701	22	0	9	0
P61407	Tudor domain-containing protein 6 - Mus musculus (Mouse)	241241	22	22	24	28
P27641	ATP-dependent DNA helicase 2 subunit 2 (EC 3.6.1.-) (ATP-dependent DNA helicase II 80 kDa subunit) (Ku autoantigen protein p86 homolog) (Ku80) (CTC box-binding factor 85 kDa subunit) (CTCBF) (CTC85) (Nuclear factor IV) (DNA-repair protein XRCC5) - M	84069	22	29	16	22
O89029	Matrilin-4 precursor (MAT-4) - Mus musculus (Mouse)	70699	22	22	85	89
Q9QXG4	Acetyl-coenzyme A synthetase, cytoplasmic (EC 6.2.1.1) (Acetate--CoA ligase) (Acyl-activating enzyme) (Acetyl-CoA synthetase) (ACS) (AceCS) (Acyl-CoA synthetase short-chain family member 2) - Mus musculus (Mouse)	80068	22	0	4	0
P20181	Neurotrophin-3 precursor (NT-3) (Neurotrophic factor) (HDNF) (Nerve growth factor 2) (NGF-2) - Mus musculus (Mouse)	29911	22	0	8	0
P34056	Transcription factor AP-2 alpha (AP2-alpha) (Activating enhancer-binding protein 2 alpha) (Activator protein 2) (AP-2) - Mus musculus (Mouse)	48341	22	22	5	3
Q8C190	Uncharacterized protein C16orf7 homolog (5-day ovary-specific transcript 1 protein) - Mus musculus (Mouse)	72265	22	19	9	14

P23881	Transcription elongation factor A protein 3 (Transcription elongation factor S-II protein 3) (Transcription elongation factor TFIIIS.h) - Mus musculus (Mouse)	39566	22	0	7	0
Q5SYL3	UPF0378 family protein KIAA0100 precursor - Mus musculus (Mouse)	256817	22	16	34	31
Q80UM7	Mannosyl-oligosaccharide glucosidase (EC 3.2.1.106) (Glycoprotein-processing glucosidase I) (Glucosidase 1) - Mus musculus (Mouse)	91945	22	0	11	0
Q9QXK2	Postreplication repair protein RAD18 (mRAD18Sc) - Mus musculus (Mouse)	58345	22	18	21	23
Q640M1	U3 small nucleolar RNA-associated protein 14 homolog A (Juvenile spermatogonial depletion-like X-linked protein) (Jsd-like X-linked protein) - Mus musculus (Mouse)	87326	22	31	11	22
Q3UVK0	Probable peptidase KIAA1815 (EC 3.4.-.-) - Mus musculus (Mouse)	100769	22	23	9	9
Q9QYS2	Metabotropic glutamate receptor 3 precursor (mGluR3) - Mus musculus (Mouse)	100932	22	21	12	15
Q9DAK9	14 kDa phosphohistidine phosphatase (EC 3.1.3.-) (Phosphohistidine phosphatase 1) - Mus musculus (Mouse)	14159	22	0	3	0
Q3UKC1	Tax1-binding protein 1 homolog - Mus musculus (Mouse)	94655	22	27	24	30
Q3UXZ6	Protein FAM81A - Mus musculus (Mouse)	41798	22	27	13	8
Q8BGW0	Uncharacterized protein C6orf190 homolog - Mus musculus (Mouse)	73362	22	0	14	0
Q9D9T8	EF-hand domain-containing protein 1 - Mus musculus (Mouse)	75493	22	15	10	12
Q63ZV0	Insulinoma-associated protein 1 (Zinc finger protein IA-1) - Mus musculus (Mouse)	55042	22	16	24	28
Q8C196	Carbamoyl-phosphate synthase [ammonia], mitochondrial precursor (EC 6.3.4.16) (Carbamoyl-phosphate synthetase I) (CPSase I) - Mus musculus (Mouse)	165711	22	25	19	15

Q62209	Synaptonemal complex protein 1 (SCP-1) - Mus musculus (Mouse)	116518	22	0	16	0
Q8BIA3	Homeobox protein Mohawk - Mus musculus (Mouse)	39491	22	0	6	0
Q9CWL8	Beta-catenin-like protein 1 (Nuclear-associated protein) (NAP) - Mus musculus (Mouse)	65395	22	0	59	0
Q80TN4	DnaJ homolog subfamily C member 16 precursor - Mus musculus (Mouse)	89479	22	0	4	0
Q8R3N1	Probable nucleolar complex protein 14 - Mus musculus (Mouse)	99396	22	21	23	31
Q9R016	Baculoviral IAP repeat-containing protein 1e (Neuronal apoptosis inhibitory protein 5) - Mus musculus (Mouse)	161761	21	28	20	8
Q9QWK5	Baculoviral IAP repeat-containing protein 1a (Neuronal apoptosis inhibitory protein 1) - Mus musculus (Mouse)	160872	21	28	20	12
Q9QUK4	Baculoviral IAP repeat-containing protein 1b (Neuronal apoptosis inhibitory protein 2) - Mus musculus (Mouse)	166324	21	28	14	8
Q9JIB3	Baculoviral IAP repeat-containing protein 1g (Neuronal apoptosis inhibitory protein 7) - Mus musculus (Mouse)	161785	21	0	15	0
Q50L41	Cytosolic phospholipase A2 zeta (EC 3.1.1.4) (cPLA2-zeta) (Phospholipase A2 group IVF) - Mus musculus (Mouse)	97381	21	0	14	0
P47867	Secretogranin-3 precursor (Secretogranin III) (SgIII) - Mus musculus (Mouse)	53294	21	26	6	8
Q91ZX6	Sentrin-specific protease 2 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP2) (SUMO-1/Smt3-specific isopeptidase 2) (Smt3ip2) (Axam2) (SUMO-1 protease 1) (SuPr-1) - Mus musculus (Mouse)	68164	21	17	11	9
Q9WVS4	MAPK/MAK/MRK overlapping kinase (EC 2.7.11.22) (MOK protein kinase) - Mus musculus (Mouse)	48661	21	0	9	0
Q9QXS1	Plectin-1 (Plectin-6) (PLTN) (PCN) - Mus musculus (Mouse)	535828	21	0	87	0

Q61493	DNA polymerase zeta catalytic subunit (EC 2.7.7.7) (Seizure-related protein 4) - Mus musculus (Mouse)	353975	21	0	29	0
Q810U4	Neuronal cell adhesion molecule precursor (Nr-CAM) (NgCAM-related cell adhesion molecule) (Ng-CAM-related) (mBravo) - Mus musculus (Mouse)	139290	21	0	26	0
Q61457	G1/S-specific cyclin-E1 - Mus musculus (Mouse)	56916	21	0	3	0
Q80UG5	Septin-9 (SL3-3 integration site 1 protein) - Mus musculus (Mouse)	65876	21	0	10	0
Q9WU66	Secreted frizzled-related protein 5 precursor (sFRP-5) - Mus musculus (Mouse)	36270	21	0	1	0
P11103	Poly [ADP-ribose] polymerase 1 (EC 2.4.2.30) (PARP-1) (ADPRT) (NAD(+)) ADP-ribosyltransferase 1) (Poly[ADP-ribose] synthetase 1) (msPARP) Mus musculus (Mouse)	113827	21	26	17	9
Q921J2	GTP-binding protein Rheb (Ras homolog enriched in brain) - Mus musculus (Mouse)	20496	21	44	31	25
Q8VIM6	Stereocilin precursor - Mus musculus (Mouse)	198560	21	21	40	56
Q9R0H5	Keratin, type II cytoskeletal 6G (Cytokeratin-6G) (CK 6G) (K6g keratin) (Keratin-K6irs) (mK6irs1/Krt2-6g) (Keratin-71) - Mus musculus (Mouse)	57860	21	22	14	11
P70335	Rho-associated protein kinase 1 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 1) (p160 ROCK-1) (p160ROCK) - Mus musculus (Mouse)	159041	21	0	30	0
P50220	Thyroid transcription factor 1 (Thyroid nuclear factor 1) (TTF-1) (Homeobox protein Nkx-2.1) - Mus musculus (Mouse)	38774	21	0	7	0

P28474	Alcohol dehydrogenase class 3 (EC 1.1.1.1) (Alcohol dehydrogenase class III) (Alcohol dehydrogenase 2) (S-(hydroxymethyl)glutathione dehydrogenase) (EC 1.1.1.284) (Glutathione-dependent formaldehyde dehydrogenase) (FDH) (FALDH) (Alcohol dehydrogenas	40320	21	21	4	6
Q9D305	THAP domain-containing protein 2 - Mus musculus (Mouse)	25433	21	0	3	0
O35286	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 (EC 3.6.1.-) (DEAH box protein 15) - Mus musculus (Mouse)	91748	21	0	15	0
P27808	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (EC 2.4.1.101) (N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase I) (GNT-I) (GlcNAc-T I) - Mus musculus (Mouse)	51943	21	0	8	0
Q8R574	Phosphoribosyl pyrophosphate synthetase-associated protein 2 (PRPP synthetase-associated protein 2) (41 kDa phosphoribosypyrophosphate synthetase-associated protein) (PAP41) - Mus musculus (Mouse)	41254	21	0	7	0
Q9D0M1	Phosphoribosyl pyrophosphate synthetase-associated protein 1 (PRPP synthetase-associated protein 1) (39 kDa phosphoribosypyrophosphate synthetase-associated protein) (PAP39) - Mus musculus (Mouse)	39692	21	0	5	0
P70351	Enhancer of zeste homolog 1 (ENX-2) - Mus musculus (Mouse)	87242	21	0	15	0
Q9CZW5	Mitochondrial precursor proteins import receptor (Translocase of outer membrane TOM70) - Mus musculus (Mouse)	68219	21	0	6	0

P47934	Carnitine O-acetyltransferase (EC 2.3.1.7) (Carnitine acetylase) (CAT) (Carnitine acetyltransferase) (CrAT) - Mus musculus (Mouse)	71335	21	0	8	0
Q8BMI0	F-box only protein 38 (Modulator of KLF7 activity) (MoKA) - Mus musculus (Mouse)	135895	21	0	13	0
Q6ZQF7	Protein Jade-2 (PHD finger protein 15) - Mus musculus (Mouse)	93598	21	0	6	0
Q62249	SOX-19 protein (Fragment) - Mus musculus (Mouse)	6858	21	0	5	0
Q9ESH5	WAP four-disulfide core domain protein 1 precursor (Prostate stromal protein ps20) (ps20 growth inhibitor) - Mus musculus (Mouse)	23806	21	0	8	0
Q923Z0	G-protein coupled receptor family C group 5 member B precursor (Retinoic acid-induced gene 2 protein) (RAIG-2) - Mus musculus (Mouse)	46382	21	0	2	0
Q61315	Adenomatous polyposis coli protein (Protein APC) (mAPC) - Mus musculus (Mouse)	313179	21	22	30	25
Q921G7	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial precursor (EC 1.5.5.1) (ETF-QO) (ETF-ubiquinone oxidoreductase) (ETF dehydrogenase) (Electron-transferring-flavoprotein dehydrogenase) - Mus musculus (Mouse)	68903	21	16	8	6
Q99LU0	Charged multivesicular body protein 1b-1 (Chromatin-modifying protein 1b-1) (CHMP1b-1) - Mus musculus (Mouse)	22167	21	0	10	0
Q8R5G7	Centaurin-delta 3 (Cnt-d3) (Arf-GAP, Rho-GAP, ankyrin repeat and pleckstrin homology domain-containing protein 3) (Dual specificity Rho- and Arf-GTPase-activating protein 1) - Mus musculus (Mouse)	171582	21	27	26	24
P45448	Orphan nuclear receptor NR5A2 (Liver receptor homolog 1) (LRH-1) - Mus musculus (Mouse)	64778	21	0	6	0
Q9CPW7	Zinc finger matrin-type protein 2 - Mus musculus (Mouse)	23768	21	0	9	0

Q3UHQ0	AP2-associated protein kinase 1 (EC 2.7.11.1) (Adaptor-associated kinase 1) - Mus musculus (Mouse)	104024	21	0	11	0
P42859	Huntingtin (Huntington disease protein homolog) (HD protein) - Mus musculus (Mouse)	348520	21	0	27	0
Q8CBD1	Nuclear receptor-interacting protein 1 (Nuclear factor RIP140) (Receptor-interacting protein 140) - Mus musculus (Mouse)	127172	21	0	12	0
Q8JZY2	COMM domain-containing protein 10 (Down-regulated in W/WV mouse stomach 2) (mDRWMS2) - Mus musculus (Mouse)	22798	21	20	15	14
Q6ZPL9	ATP-dependent RNA helicase DDX55 (EC 3.6.1.-) (DEAD box protein 55) - Mus musculus (Mouse)	68934	21	0	8	0
Q9CQ33	Leucine-zipper-like transcriptional regulator 1 (LZTR-1) - Mus musculus (Mouse)	95612	21	0	15	0
Q9CWX9	Probable ATP-dependent RNA helicase DDX47 (EC 3.6.1.-) (DEAD box protein 47) - Mus musculus (Mouse)	50949	21	0	13	0
P70331	MyoD family inhibitor (Myogenic repressor I-mf) - Mus musculus (Mouse)	26396	21	0	5	0
P08122	Collagen alpha-2(IV) chain precursor - Mus musculus (Mouse)	168484	21	0	20	0
Q8K4S1	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase epsilon 1 (EC 3.1.4.11) (Phospholipase C-epsilon-1) (PLC-epsilon-1) (Phosphoinositide-specific phospholipase C epsilon-1) - Mus musculus (Mouse)	258223	21	0	22	0
Q99M11	ELKS/RAB6-interacting/CAST family member 1 (RAB6-interacting protein 2) (ERC protein 1) (ERC1) (CAZ-associated structural protein 2) (CAST2) - Mus musculus (Mouse)	128480	21	23	30	31

Q60952	Centrosome-associated protein CEP250 (Centrosomal protein 2) (Centrosomal Nek2-associated protein 1) (C-Nap1) (Intranuclear matrix protein) - Mus musculus (Mouse)	277903	21	42	90	132
Q8K2P1	Uncharacterized protein C9orf150 homolog - Mus musculus (Mouse)	23942	21	32	51	91
Q8CGK3	Lon protease homolog, mitochondrial precursor (EC 3.4.21.-) (Lon protease-like protein) (LONP) (Mitochondrial ATP-dependent protease Lon) (Serine protease 15) - Mus musculus (Mouse)	106347	21	30	43	33
Q8BH74	Nuclear pore complex protein Nup107 (Nucleoporin Nup107) (107 kDa nucleoporin) - Mus musculus (Mouse)	107334	21	0	12	0
Q9JIQ3	Diablo homolog, mitochondrial precursor (Second mitochondria-derived activator of caspase) (Smac protein) (Direct IAP-binding protein with low pI) - Mus musculus (Mouse)	26984	21	0	4	0
O55183	Stanniocalcin-1 precursor (STC-1) - Mus musculus (Mouse)	28090	21	0	4	0
Q6ZQ29	Serine/threonine-protein kinase TAO2 (EC 2.7.11.1) (Thousand and one amino acid protein 2) - Mus musculus (Mouse)	120454	21	0	15	0
Q91YN9	BAG family molecular chaperone regulator 2 (BCL2-associated athanogene 2) (BAG-2) - Mus musculus (Mouse)	23630	21	0	10	0
Q9DAK3	Rho-related BTB domain-containing protein 1 - Mus musculus (Mouse)	80042	21	0	6	0
Q9D5R3	Coiled-coil domain-containing protein 41 - Mus musculus (Mouse)	82176	21	0	15	0
Q07113	Cation-independent mannose-6-phosphate receptor precursor (CI Man-6-P receptor) (CI-MPR) (M6PR) (Insulin-like growth factor 2 receptor) (Insulin-like growth factor II receptor) (IGF-II receptor) (M6P/IGF2 receptor) (M6P/IGF2R) (300 kDa mannose 6-pho	280653	21	0	34	0

Q99NH7	Prestin (Solute carrier family 26 member 5) - Mus musculus (Mouse)	81782	21	18	15	12
P51827	AF4/FMR2 family member 3 (Protein LAF-4) (Lymphoid nuclear protein related to AF4) - Mus musculus (Mouse)	137244	21	0	12	0
Q5QD17	Trace amine-associated receptor 2 (G-protein coupled receptor 58) - Mus musculus (Mouse)	39289	21	0	4	0
P97443	SET and MYND domain-containing protein 1 (Zinc-finger protein BOP) (m-BOP) (CD8b-opposite) - Mus musculus (Mouse)	56939	21	0	10	0
Q9Z204	Heterogeneous nuclear ribonucleoproteins C1/C2 (hnRNP C1 / hnRNP C2) - Mus musculus (Mouse)	34421	21	15	14	8
Q8CH02	Splicing factor 4 - Mus musculus (Mouse)	72718	21	0	9	0
P61750	ADP-ribosylation factor 4 - Mus musculus (Mouse)	20498	21	56	2	8
Q9CZA6	Nuclear distribution protein nudE homolog 1 (NudE) (mNudE) - Mus musculus (Mouse)	38556	21	21	11	13
Q6PE54	Probable ATP-dependent RNA helicase DHX40 (EC 3.6.1.-) (DEAH box protein 40) - Mus musculus (Mouse)	89728	21	0	19	0
Q810U5	Coiled-coil domain-containing protein 50 (Protein Ymer) - Mus musculus (Mouse)	35471	21	22	9	11
Q3UEN2	Protein FAM35A - Mus musculus (Mouse)	101201	21	41	13	15
P58043	Sestrin-2 - Mus musculus (Mouse)	54798	21	34	4	3
P70388	DNA repair protein RAD50 (EC 3.6.-.-) (mRad50) - Mus musculus (Mouse)	154533	21	0	33	0
Q9EQG9	Goodpasture antigen-binding protein (EC 2.7.11.9) (GPBP) (Collagen type IV alpha-3-binding protein) (StAR-related lipid transfer protein 11) (StARD11) (START domain-containing protein 11) - Mus musculus (Mouse)	71751	21	14	9	5
P55850	Desmocollin-3 precursor - Mus musculus (Mouse)	101959	21	0	8	0

Q80TJ1	Calcium-dependent secretion activator 1 (Calcium-dependent activator protein for secretion 1) (CAPS-1) - Mus musculus (Mouse)	154030	21	16	20	10
P97868	Retinoblastoma-binding protein 6 (p53-associated cellular protein of testis) (Proliferation potential-related protein) (Protein P2P-R) - Mus musculus (Mouse)	200492	21	29	24	35
Q68FH0	Plakophilin-4 (Armadillo-related protein) - Mus musculus (Mouse)	132268	21	0	25	0
Q9ERK0	Receptor-interacting serine/threonine-protein kinase 4 (EC 2.7.11.1) (Ankyrin repeat domain protein 3) (PKC-associated protein kinase) (PKC-regulated protein kinase) - Mus musculus (Mouse)	87357	21	0	12	0
P29351	Tyrosine-protein phosphatase non-receptor type 6 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (70Z-SHP) (SH-PTP1) (SHP-1) (PTPTY-42) - Mus musculus (Mouse)	67859	21	0	7	0
Q00651	Integrin alpha-4 precursor (Integrin alpha-IV) (VLA-4) (Lymphocyte Peyer patch adhesion molecules subunit alpha) (LPAM subunit alpha) (CD49d antigen) - Mus musculus (Mouse)	117047	21	0	7	0
Q8BVV7	Coiled-coil domain-containing protein 45 - Mus musculus (Mouse)	95497	21	0	9	0
Q5STE3	Follistatin-related protein 4 precursor (Follistatin-like 4) (m-D/Bsp120l 1-1) - Mus musculus (Mouse)	93774	21	23	3	8
P63046	Sulfotransferase 4A1 (EC 2.8.2.-) (Brain sulfotransferase-like protein) (mBR-STL) (Nervous system sulfotransferase) (NST) - Mus musculus (Mouse)	33431	21	0	5	0

P97929	Breast cancer type 2 susceptibility protein homolog (Fanconi anemia group D1 protein homolog) - Mus musculus (Mouse)	374766	21	23	41	39
Q9D6D8	Peptidyl-prolyl cis-trans isomerase-like 6 (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-like protein PPIL6) - Mus musculus (Mouse)	32304	21	0	1	0
Q91X58	AN1-type zinc finger protein 2B - Mus musculus (Mouse)	28847	21	0	5	0
Q61125	B1 bradykinin receptor (BK-1 receptor) (B1R) - Mus musculus (Mouse)	38431	21	16	25	14
P11416	Retinoic acid receptor alpha (RAR-alpha) - Mus musculus (Mouse)	51729	21	0	6	0
P22605	Retinoic acid receptor beta (RAR-beta) - Mus musculus (Mouse)	54380	21	0	6	0
Q62205	Sodium channel protein type 9 subunit alpha (Sodium channel protein type IX subunit alpha) (Voltage-gated sodium channel subunit alpha Nav1.7) (Peripheral sodium channel 1) (PN1) - Mus musculus (Mouse)	227719	21	0	4	0
O55111	Desmoglein-2 precursor - Mus musculus (Mouse)	123119	21	0	10	0
Q69Z28	ADAMTS-16 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 16) (ADAM-TS 16) (ADAM-TS16) - Mus musculus (Mouse)	140356	21	0	2	0
Q9JHH6	Carboxypeptidase B2 precursor (EC 3.4.17.20) (Carboxypeptidase U) (CPU) (Thrombin-activable fibrinolysis inhibitor) (TAFI) (Carboxypeptidase R) (CPR) - Mus musculus (Mouse)	49239	21	0	6	0
Q7TPD0	Integrator complex subunit 3 (Int3) - Mus musculus (Mouse)	119410	21	0	9	0

Q9JME5	AP-3 complex subunit beta-2 (Adapter-related protein complex 3 beta-2 subunit) (Beta3B-adaptin) (Adaptor protein complex AP-3 beta-2 subunit) (Clathrin assembly protein complex 3 beta-2 large chain) - Mus musculus (Mouse)	119745	21	0	19	0
Q61481	Calcium/calmodulin-dependent 3~,5~-cyclic nucleotide phosphodiesterase 1A (EC 3.1.4.17) (Cam-PDE 1A) (61 kDa Cam-PDE) - Mus musculus (Mouse)	64658	21	30	3	6
Q80WG7	Tripartite motif-containing protein 36 (Haprin) (Acrosome RBCC protein) - Mus musculus (Mouse)	84334	21	20	11	16
P53996	Cellular nucleic acid-binding protein (CNBP) (Zinc finger protein 9) - Mus musculus (Mouse)	20833	21	24	3	6
Q6IQX7	Chondroitin sulfate synthase 2 (EC 2.4.1.175) (Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II) (N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase II) (EC 2.4.1.226) (Chondroitin glucuron	86108	21	0	14	0
Q8K2L8	Tetratricopeptide repeat protein 15 (TPR repeat protein 15) - Mus musculus (Mouse)	88125	21	0	10	0
Q80UF4	Serologically defined colon cancer antigen 8 (Centrosomal colon cancer autoantigen protein) (mCCCAP) - Mus musculus (Mouse)	83726	21	0	15	0
Q52KR3	BNIP2 motif-containing molecule at the C-terminal region 1 - Mus musculus (Mouse)	127352	21	22	10	7
Q60765	Cyclic AMP-dependent transcription factor ATF-3 (Activating transcription factor 3) (Transcription factor LRG-21) - Mus musculus (Mouse)	20994	21	16	9	3

Q9WTX8	Mitotic spindle assembly checkpoint protein MAD1 (Mitotic arrest deficient-like protein 1) (MAD1-like 1) - Mus musculus (Mouse)	83889	21	0	11	0
Q8CHW1	THAP domain-containing protein 1 - Mus musculus (Mouse)	25052	21	0	3	0
Q9D1M4	Eukaryotic translation elongation factor 1 epsilon-1 (Multisynthetase complex auxiliary component p18) (Elongation factor p18) - Mus musculus (Mouse)	19903	20	0	4	0
O70405	Serine/threonine-protein kinase ULK1 (EC 2.7.11.1) (Unc-51-like kinase 1) (Serine/threonine-protein kinase Unc51.1) - Mus musculus (Mouse)	113419	20	0	3	0
Q8R124	Kelch repeat and BTB domain-containing protein C16orf44 homolog - Mus musculus (Mouse)	70818	20	0	20	0
Q9WTU0	PHD finger protein 2 (GRC5) - Mus musculus (Mouse)	121765	20	0	12	0
Q3UH53	Protein sidekick-1 precursor - Mus musculus (Mouse)	241468	20	23	22	21
Q9D9V7	Protein FAM116B - Mus musculus (Mouse)	67429	20	0	14	0
O70157	DNA topoisomerase 3-alpha (EC 5.99.1.2) (DNA topoisomerase III alpha) - Mus musculus (Mouse)	114168	20	0	13	0
P32067	Lupus La protein homolog (La ribonucleoprotein) (La autoantigen homolog) - Mus musculus (Mouse)	47898	20	0	16	0
Q80YA7	Dipeptidyl peptidase 8 (EC 3.4.14.5) (Dipeptidyl peptidase VIII) (DP8) - Mus musculus (Mouse)	102805	20	0	8	0
Q9Z1R3	Apolipoprotein M (Apo-M) (ApoM) - Mus musculus (Mouse)	21602	20	0	2	0
Q6PH08	ERC protein 2 (CAZ-associated structural protein 1) (CAST1) - Mus musculus (Mouse)	110742	20	0	31	0

Q9Z0E3	Autoimmune regulator (Autoimmune polyendocrinopathy candidiasis ectodermal dystrophy protein homolog) (APECED protein homolog) - Mus musculus (Mouse)	60146	20	0	9	0
Q924T2	Mitochondrial 28S ribosomal protein S2 (S2mt) (MRP-S2) - Mus musculus (Mouse)	32635	20	0	8	0
Q8BKF1	DNA-directed RNA polymerase, mitochondrial precursor (EC 2.7.7.6) (MtrPOL) - Mus musculus (Mouse)	137930	20	0	17	0
Q05860	Formin-1, isoforms I/II/III (Limb deformity protein) - Mus musculus (Mouse)	165020	20	0	14	0
Q00422	GA-binding protein alpha chain (GABP-subunit alpha) - Mus musculus (Mouse)	51844	20	0	6	0
Q8K2M0	39S ribosomal protein L38, mitochondrial precursor (L38mt) (MRP-L38) - Mus musculus (Mouse)	45287	20	19	3	2
Q99KK9	Probable histidyl-tRNA synthetase, mitochondrial precursor (EC 6.1.1.21) (Histidine--tRNA ligase) (HisRS) (Histidine--tRNA ligase-like) - Mus musculus (Mouse)	57576	20	41	22	24
Q8C9W3	ADAMTS-2 precursor (EC 3.4.24.14) (A disintegrin and metalloproteinase with thrombospondin motifs 2) (ADAM-TS 2) (ADAM-TS2) (Procollagen I/II amino propeptide-processing enzyme) (Procollagen I N-proteinase) (PC I-NP) (Procollagen N-endopeptidase) (p	138462	20	0	8	0
Q93092	Transaldolase (EC 2.2.1.2) - Mus musculus (Mouse)	37534	20	93	10	11
Q9CR59	Growth arrest and DNA-damage-inducible proteins-interacting protein 1 - Mus musculus (Mouse)	25861	20	0	1	0
Q5NBU5	F-box only protein 39 - Mus musculus (Mouse)	53147	20	0	14	0
Q69Z26	Contactin-4 precursor (Brain-derived immunoglobulin superfamily protein 2) (BIG-2) - Mus musculus (Mouse)	114217	20	0	9	0

Q2VPQ9	Uncharacterized protein C1orf149 homolog - Mus musculus (Mouse)	21636	20	0	5	0
Q9D9B4	Uncharacterized protein C10orf11 homolog - Mus musculus (Mouse)	26143	20	36	1	8
Q3TMX7	Sulfhydryl oxidase 2 precursor (EC 1.8.3.2) (Quiescin Q6-like protein 1) - Mus musculus (Mouse)	78467	20	0	7	0
Q8R4W6	Procollagen C-endopeptidase enhancer 2 precursor (Procollagen COOH-terminal proteinase enhancer 2) (Procollagen C-proteinase enhancer 2) (PCPE-2) - Mus musculus (Mouse)	46291	20	0	8	0
Q7TN83	Synaptotagmin-16 (Synaptotagmin XIV-related protein) (Synaptotagmin 14-like protein) - Mus musculus (Mouse)	71894	20	38	6	9
P97950	Ras-related protein Rab-33A (Small GTP-binding protein S10) - Mus musculus (Mouse)	26980	20	0	3	0
Q9JHA8	Protein G7c precursor - Mus musculus (Mouse)	96437	20	17	25	18
Q8K136	Sodium channel modifier 1 - Mus musculus (Mouse)	26035	20	0	4	0
P97714	Alpha-1D adrenergic receptor (Alpha 1D-adrenoceptor) (Alpha 1D-adrenoreceptor) (Alpha-1A adrenergic receptor) - Mus musculus (Mouse)	60846	20	17	9	5
Q920A7	AFG3-like protein 1 (EC 3.4.24.-) - Mus musculus (Mouse)	73888	20	0	11	0
Q61542	StAR-related lipid transfer protein 3 (StARD3) (START domain-containing protein 3) (Protein MLN 64) (Protein ES 64) - Mus musculus (Mouse)	50780	20	0	19	0
Q80U22	RUN and SH3 domain-containing protein 2 - Mus musculus (Mouse)	163149	20	0	6	0
Q8K4G2	Collagen alpha-1(XXIII) chain - Mus musculus (Mouse)	51843	20	0	5	0
Q64152	Transcription factor BTF3 (RNA polymerase B transcription factor 3) - Mus musculus (Mouse)	22017	20	0	5	0

Q05793	Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) - Mus musculus (Mouse)	407847	20	0	24	0
P55937	Golgin subfamily A member 3 (Golgin-160) (Male-enhanced antigen 2) (MEA-2) - Mus musculus (Mouse)	167574	20	0	23	0
P15116	Cadherin-2 precursor (Neural-cadherin) (N-cadherin) (CD325 antigen) - Mus musculus (Mouse)	100156	20	15	10	18
Q148A4	Uncharacterized protein C11orf66 homolog (Protein IIIIG9) - Mus musculus (Mouse)	47894	20	0	7	0
Q9Z1Z2	Serine-threonine kinase receptor-associated protein (UNR-interacting protein) - Mus musculus (Mouse)	38774	20	14	8	4
Q8CEC6	Peptidylprolyl isomerase domain and WD repeat-containing protein 1 (EC 5.2.1.8) - Mus musculus (Mouse)	73954	20	21	12	11
Q80VH0	B-cell scaffold protein with ankyrin repeats (Protein AVIEF) - Mus musculus (Mouse)	90060	20	21	14	15
Q61818	Retinoic acid-induced protein 1 - Mus musculus (Mouse)	204311	20	0	15	0
P54923	[Protein ADP-ribosylarginine] hydrolase (EC 3.2.2.19) (ADP-ribosylarginine hydrolase) (ADP-ribose-L-arginine cleaving enzyme) - Mus musculus (Mouse)	40328	20	41	15	12
Q91ZR2	Sorting nexin-18 (Sorting nexin-associated Golgi protein 1) - Mus musculus (Mouse)	68204	20	23	11	12
Q60865	GPI-anchored membrane protein 1 (GPI-anchored protein p137) (p137GPI) - Mus musculus (Mouse)	73674	20	26	5	5
Q9Z0R6	Intersectin-2 (SH3 domain-containing protein 1B) (EH and SH3 domains protein 2) (EH domain and SH3 domain regulator of endocytosis 2) - Mus musculus (Mouse)	189571	20	0	25	0
Q99MX0	Transketolase-like protein 1 (EC 2.2.1.1) (Transketolase 2) (TK 2) - Mus musculus (Mouse)	66371	20	0	55	0

Q99MT7	Probable G-protein coupled receptor 87 - Mus musculus (Mouse)	42014	20	0	9	0
Q8CDI2	F-box only protein 43 (Endogenous meiotic inhibitor 2) - Mus musculus (Mouse)	72210	20	0	9	0
Q5GIG6	Serine/threonine-protein kinase TNNI3K (EC 2.7.11.1) (TNNI3-interacting kinase) (Cardiac ankyrin repeat kinase) - Mus musculus (Mouse)	93840	20	0	5	0
Q8BL66	Early endosome antigen 1 - Mus musculus (Mouse)	161958	20	24	48	51
Q9Z2I8	Succinyl-CoA ligase [GDP-forming] beta-chain, mitochondrial precursor (EC 6.2.1.4) (Succinyl-CoA synthetase, betaG chain) (SCS-betaG) (GTP-specific succinyl-CoA synthetase subunit beta) - Mus musculus (Mouse)	47096	20	0	7	0
Q9JIP4	Pannexin-1 - Mus musculus (Mouse)	48792	20	40	12	6
Q9R1P3	Proteasome subunit beta type 2 (EC 3.4.25.1) (Proteasome component C7-l) (Macropain subunit C7-l) (Multicatalytic endopeptidase complex subunit C7-l) - Mus musculus (Mouse)	23063	20	103	3	7
Q9JJK8	Serine/threonine-protein kinase ATR (EC 2.7.11.1) (Ataxia telangiectasia and Rad3-related protein) - Mus musculus (Mouse)	303338	20	25	72	62
Q8BU03	Periodic tryptophan protein 2 homolog - Mus musculus (Mouse)	103814	20	0	21	0
Q8BIL5	Hook homolog 1 - Mus musculus (Mouse)	84956	20	14	13	16
Q8CI04	Conserved oligomeric Golgi complex component 3 - Mus musculus (Mouse)	94136	20	0	13	0
P31786	Acyl-CoA-binding protein (ACBP) (Diazepam-binding inhibitor) (DBI) (Endozepine) (EP) - Mus musculus (Mouse)	9994	20	0	3	0
Q60652	Killer cell lectin-like receptor 5 (T-cell surface glycoprotein Ly-49E) (Lymphocyte antigen 49e) (Ly-49e) - Mus musculus (Mouse)	31507	20	0	2	0

Q91YN0	Uncharacterized protein C12orf4 homolog - Mus musculus (Mouse)	64345	20	0	3	0
Q924C1	Exportin-5 (Exp5) (Ran-binding protein 21) - Mus musculus (Mouse)	139050	20	62	15	13
Q7TQ07	DNA polymerase nu (EC 2.7.7.7) - Mus musculus (Mouse)	97640	20	39	14	18
Q9R0C8	Protein vav-3 - Mus musculus (Mouse)	99103	20	0	13	0
Q8K2V1	Serine/threonine-protein phosphatase 4 regulatory subunit 1 - Mus musculus (Mouse)	107884	20	18	11	10
Q64511	DNA topoisomerase 2-beta (EC 5.99.1.3) (DNA topoisomerase II, beta isozyme) - Mus musculus (Mouse)	182707	20	22	20	21
P35486	Pyruvate dehydrogenase E1 component alpha subunit, somatic form, mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type I) - Mus musculus (Mouse)	43888	20	0	11	0
P61315	Galactose-3-O-sulfotransferase 3 (EC 2.8.2.-) (Galbeta1-3GalNAc 3~sulfotransferase) (Beta-galactose-3-O-sulfotransferase 3) - Mus musculus (Mouse)	49702	20	0	10	0
Q8CJG0	Eukaryotic translation initiation factor 2C 2 (eIF2C 2) (eIF-2C 2) (Argonaute-2) (Slicer protein) (Piwi/argonaute family protein mEIF2C2) - Mus musculus (Mouse)	98458	20	0	10	0
Q9D7P9	Serpin B12 - Mus musculus (Mouse)	48261	20	0	3	0
P11862	Growth-arrest-specific protein 2 (GAS-2) - Mus musculus (Mouse)	35505	20	0	10	0
P16277	Tyrosine-protein kinase BLK (EC 2.7.10.2) (B lymphocyte kinase) (p55-BLK) - Mus musculus (Mouse)	57064	20	16	14	13

P18654	Ribosomal protein S6 kinase alpha-3 (EC 2.7.11.1) (S6K-alpha 3) (90 kDa ribosomal protein S6 kinase 3) (p90-RSK 3) (Ribosomal S6 kinase 2) (RSK-2) (pp90RSK2) (MAP kinase-activated protein kinase 1b) (MAPKAPK1B) - Mus musculus (Mouse)	83983	20	0	15	0
Q9JI74	Kelch-like protein 1 - Mus musculus (Mouse)	84019	20	0	20	0
Q61188	Enhancer of zeste homolog 2 (ENX-1) - Mus musculus (Mouse)	87277	20	0	22	0
Q9JHS4	ATP-dependent Clp protease ATP-binding subunit ClpX-like, mitochondrial precursor - Mus musculus (Mouse)	70069	20	17	17	10
Q8K314	Rab effector MyRIP (Myosin-VIIa- and Rab-interacting protein) (Exophilin-8) (Slp homolog lacking C2 domains c) - Mus musculus (Mouse)	96062	20	0	6	0
O55047	Serine/threonine-protein kinase tousled-like 2 (EC 2.7.11.1) (Tousled-like kinase 2) - Mus musculus (Mouse)	83008	20	0	13	0
O08644	Ephrin type-B receptor 6 precursor (Tyrosine-protein kinase-defective receptor EPH-6) (MEP) - Mus musculus (Mouse)	111520	20	0	57	0
O35600	Retinal-specific ATP-binding cassette transporter (ATP-binding cassette sub-family A member 4) (RIM ABC transporter) (RIM protein) (RmP) - Mus musculus (Mouse)	262323	20	16	21	18
P84104	Splicing factor, arginine/serine-rich 3 (Pre-mRNA-splicing factor SRP20) (X16 protein) - Mus musculus (Mouse)	19546	20	0	14	0
Q8BL97	Splicing factor, arginine/serine-rich 7 - Mus musculus (Mouse)	31027	20	0	4	0
Q3URD3	Sarcolemmal membrane-associated protein (Sarcolemmal-associated protein) - Mus musculus (Mouse)	97729	20	17	18	26

Q9D2Z4	Sentrin-specific protease 8 (EC 3.4.22.-) (Sentrin/SUMO-specific protease SENP8) (NEDD8-specific protease 1) (Deneddylase-1) - Mus musculus (Mouse)	25441	20	0	2	0
Q9Z1S0	Mitotic checkpoint serine/threonine-protein kinase BUB1 beta (EC 2.7.11.1) (MAD3/BUB1-related protein kinase) (Mitotic checkpoint kinase MAD3L) - Mus musculus (Mouse)	119299	20	41	15	23
Q99LJ7	RCC1 and BTB domain-containing protein 2 (Regulator of chromosome condensation and BTB domain-containing protein 2) (Chromosome condensation 1-like) - Mus musculus (Mouse)	61323	20	0	4	0
P36916	Guanine nucleotide-binding protein-like 1 (GTP-binding protein MMR1) - Mus musculus (Mouse)	48081	20	18	13	4
Q9Z2C9	Myotubularin-related protein 7 (EC 3.1.3.-) - Mus musculus (Mouse)	76587	20	0	7	0
Q8BU14	Translocation protein SEC62 (Translocation protein 1) (TP-1) - Mus musculus (Mouse)	45894	20	16	3	4
P35492	Histidine ammonia-lyase (EC 4.3.1.3) (Histidase) - Mus musculus (Mouse)	72897	20	16	6	4
Q91WM3	U3 small nucleolar RNA-interacting protein 2 (U3 small nucleolar ribonucleoprotein-associated 55 kDa protein) (U3 snoRNP-associated 55 kDa protein) (U3-55K) (RRP9 homolog) - Mus musculus (Mouse)	52645	20	0	9	0
Q8CC12	Codanin-1 (Fragment) - Mus musculus (Mouse)	52229	20	22	7	8
Q9D0M0	Exosome complex exonuclease RRP42 (EC 3.1.13.-) (Ribosomal RNA-processing protein 42) (Exosome component 7) - Mus musculus (Mouse)	32329	20	0	11	0

Q9Z1J1	Transcription factor 7-like 1 (HMG box transcription factor 3) (TCF-3) (mTCF-3) - Mus musculus (Mouse)	62431	20	0	3	0
Q8CGB3	Uveal autoantigen with coiled-coil domains and ankyrin repeats protein (Nucling) (Nuclear membrane-binding protein) - Mus musculus (Mouse)	161969	20	21	33	43
Q8C6B2	Rhotekin - Mus musculus (Mouse)	63742	20	0	14	0
Q60749	KH domain-containing, RNA-binding, signal transduction-associated protein 1 (p21 Ras GTPase-activating protein-associated p62) (GAP-associated tyrosine phosphoprotein p62) (Src-associated in mitosis 68 kDa protein) (Sam68) (p68) - Mus musculus (Mous	48511	20	0	6	0
Q6PGC1	Putative ATP-dependent RNA helicase DHX29 (EC 3.6.1.-) (DEAH box protein 29) - Mus musculus (Mouse)	155020	20	0	20	0
Q8K2W3	Thioredoxin domain-containing protein 11 - Mus musculus (Mouse)	107146	20	19	13	14
Q99KQ4	Nicotinamide phosphoribosyltransferase (EC 2.4.2.12) (NAmPRTase) (Nampt) (Pre-B-cell colony-enhancing factor 1 homolog) (PBEF) (Visfatin) - Mus musculus (Mouse)	55698	20	0	9	0
Q8BR76	Meckelin (Meckel syndrome type 3 protein homolog) (Transmembrane protein 67) - Mus musculus (Mouse)	113506	20	0	13	0
Q7TQP2	Probable G-protein coupled receptor 135 - Mus musculus (Mouse)	50184	20	0	5	0
Q61245	Collagen alpha-1(XI) chain precursor - Mus musculus (Mouse)	181480	20	20	197	233
Q01755	Testis-specific protein PBS13 - Mus musculus (Mouse)	62388	20	0	18	0

Q6NZQ8	E3 ubiquitin-protein ligase MARCH1 (EC 6.3.2.-) (Membrane-associated RING finger protein 1) (Membrane-associated RING-CH protein 1) (MARCH-1) - Mus musculus (Mouse)	33239	20	0	5	0
Q3UHD1	Brain-specific angiogenesis inhibitor 1 precursor - Mus musculus (Mouse)	176664	20	0	19	0
Q09163	Delta-like protein precursor (DLK) (Preadipocyte factor 1) (Pref-1) (Adipocyte differentiation inhibitor protein) [Contains: Fetal antigen 1 (FA1)] - Mus musculus (Mouse)	43459	20	0	11	0
Q61083	Mitogen-activated protein kinase kinase kinase 2 (EC 2.7.11.25) (MAPK/ERK kinase kinase 2) (MEK kinase 2) (MEKK 2) - Mus musculus (Mouse)	69872	20	18	204	253
Q9D5Y1	Coiled-coil domain-containing protein 39 - Mus musculus (Mouse)	110460	20	0	16	0
Q64518	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3 (EC 3.6.3.8) (Calcium pump 3) (SERCA3) (SR Ca(2+)-ATPase 3) - Mus musculus (Mouse)	114961	20	0	16	0
Q920B0	FERM domain-containing protein 4B (GRP1-binding protein GRSP1) (Golgi-associated band 4.1-like protein) (GOBLIN) - Mus musculus (Mouse)	112125	20	18	10	11
Q9CZT5	Vasorin precursor (Protein Slit-like 2) - Mus musculus (Mouse)	73356	20	0	7	0
Q923M0	Protein phosphatase 1 regulatory subunit 16A (Myosin phosphatase targeting subunit 3) - Mus musculus (Mouse)	58121	20	20	9	9
Q8BQY8	Checkpoint protein HUS1 (mHUS1) - Mus musculus (Mouse)	32173	20	0	7	0
Q62108	Discs large homolog 4 (Postsynaptic density protein 95) (PSD-95) (Synapse-associated protein 90) (SAP90) - Mus musculus (Mouse)	80765	20	0	9	0
Q80YR4	Zinc finger protein 598 - Mus musculus (Mouse)	101125	20	0	10	0

P52431	DNA polymerase delta catalytic subunit (EC 2.7.7.7) - Mus musculus (Mouse)	125188	20	21	22	21
P51557	Steroidogenic acute regulatory protein, mitochondrial precursor (StAR) (StARD1) (Luteinizing hormone-induced protein) - Mus musculus (Mouse)	31891	20	0	8	0
Q7TNS7	Amiloride-sensitive cation channel 4 (Acid-sensing ion channel 4) - Mus musculus (Mouse)	60262	20	28	6	3
Q8BRH4	Myeloid/lymphoid or mixed-lineage leukemia protein 3 homolog (EC 2.1.1.43) (Histone-lysine N-methyltransferase, H3 lysine-4 specific MLL3) - Mus musculus (Mouse)	547487	20	15	47	37
Q91YA2	Serine/threonine-protein kinase H1 (EC 2.7.11.1) (PSK-H1) - Mus musculus (Mouse)	48407	20	0	4	0
O89053	Coronin-1A (Coronin-like protein p57) (Coronin-like protein A) (Clipin-A) (Tryptophan aspartate-containing coat protein) (TACO) - Mus musculus (Mouse)	51641	20	39	47	114
Q9EPL9	Acyl-coenzyme A oxidase 3, peroxisomal (EC 1.3.3.6) (Pristanoyl-CoA oxidase) (Branched-chain acyl-CoA oxidase) (BRCACox) - Mus musculus (Mouse)	79230	20	26	13	6
P59438	Hermansky-Pudlak syndrome 5 protein homolog (Ruby-eye protein 2) (Ru2) - Mus musculus (Mouse)	127995	20	0	8	0
P49312	Heterogeneous nuclear ribonucleoprotein A1 (Helix-destabilizing protein) (Single-strand-binding protein) (hnRNP core protein A1) (HDP-1) (Topoisomerase-inhibitor suppressed) - Mus musculus (Mouse)	34289	20	0	3	0

Q64311	Protein N-terminal asparagine amidohydrolase (EC 3.5.1.-) (Protein NH2-terminal asparagine deamidase) (N-terminal Asn amidase) (NTN-amidase) (PNAD) (Protein NH2-terminal asparagine amidohydrolase) (PNAA) - Mus musculus (Mouse)	34916	20	26	8	9
Q8BW10	RNA-binding protein NOB1 - Mus musculus (Mouse)	45834	20	0	3	0
Q91YU6	Leucine zipper putative tumor suppressor 2 - Mus musculus (Mouse)	73211	20	0	7	0
P62881	Guanine nucleotide-binding protein subunit beta 5 (Transducin beta chain 5) (Gbeta5) - Mus musculus (Mouse)	44620	20	0	2	0
Q00724	Plasma retinol-binding protein precursor (PRBP) (RBP) - Mus musculus (Mouse)	23533	19	14	2	2
Q99MY8	Probable histone-lysine N-methyltransferase ASH1L (EC 2.1.1.43) (ASH1-like protein) (Absent small and homeotic disks protein 1 homolog) - Mus musculus (Mouse)	334635	19	31	46	35
Q60943	Interleukin-17 receptor A precursor (IL-17 receptor) (CD217 antigen) - Mus musculus (Mouse)	99342	19	0	7	0
Q9D0F3	ERGIC-53 protein precursor (ER-Golgi intermediate compartment 53 kDa protein) (Lectin, mannose-binding 1) (p58) - Mus musculus (Mouse)	58038	19	15	2	4
Q88398	Advillin (p92) (Actin-binding protein DOC6) - Mus musculus (Mouse)	92470	19	0	10	0
Q61210	Rho guanine nucleotide exchange factor 1 (Lymphoid blast crisis-like 2) (Lbc~s second cousin) - Mus musculus (Mouse)	103368	19	0	9	0
Q8BXC6	COMM domain-containing protein 2 - Mus musculus (Mouse)	22891	19	0	2	0
Q60934	Glutamate receptor, ionotropic kainate 1 precursor (Glutamate receptor 5) (GluR-5) (GluR5) - Mus musculus (Mouse)	95768	19	17	68	96

Q35382	Exocyst complex component 4 (Exocyst complex component Sec8) - Mus musculus (Mouse)	111273	19	0	14	0
Q8R3Q0	Transmembrane protein 66 precursor - Mus musculus (Mouse)	36347	19	0	7	0
Q62270	Tyrosine-protein kinase Srms (EC 2.7.10.2) (PTK70) - Mus musculus (Mouse)	56350	19	0	6	0
Q9WVM1	Rac GTPase-activating protein 1 (MgcRacGAP) - Mus musculus (Mouse)	70856	19	0	9	0
Q60974	Nuclear receptor corepressor 1 (N-CoR1) (N-CoR) (Retinoid X receptor-interacting protein 13) (RIP13) - Mus musculus (Mouse)	271503	19	17	36	40
Q3U269	Uncharacterized protein C9orf97 homolog - Mus musculus (Mouse)	56834	19	0	4	0
P59048	p53 and DNA damage-regulated protein 1 - Mus musculus (Mouse)	15429	19	15	9	8
Q80XB4	Nebulin-related-anchoring protein (N-RAP) - Mus musculus (Mouse)	196735	19	0	26	0
Q9D4H4	Angiotensin-like protein 1 - Mus musculus (Mouse)	98706	19	21	30	65
Q8K371	Angiotensin-like protein 2 - Mus musculus (Mouse)	85454	19	21	31	64
Q9D2H2	Putative adenylate kinase 7 (EC 2.7.4.3) - Mus musculus (Mouse)	71087	19	0	13	0
Q91WT4	DnaJ homolog subfamily C member 17 - Mus musculus (Mouse)	34591	19	21	32	66
Q9D0I4	Syntaxin-17 - Mus musculus (Mouse)	33372	19	20	3	5
P51944	G2/mitotic-specific cyclin-F - Mus musculus (Mouse)	88147	19	24	8	9
Q3UMR0	Ankyrin repeat domain-containing protein 27 (VPS9-ankyrin-repeat protein) (VPS9 domain-containing protein) - Mus musculus (Mouse)	118674	19	0	7	0
Q8BVH9	Methyltransferase-like protein 6 (EC 2.1.1.-) - Mus musculus (Mouse)	33165	19	0	5	0
Q8BT07	Centrosomal protein of 55 kDa - Mus musculus (Mouse)	54239	19	0	14	0

Q99K95	Uncharacterized protein C20orf43 homolog - Mus musculus (Mouse)	34655	19	0	8	0
Q923D2	Flavin reductase (EC 1.5.1.30) (FR) (NADPH-dependent diaphorase) (NADPH-flavin reductase) (FLR) (Biliverdin reductase B) (EC 1.3.1.24) (BVRB) (Biliverdin-IX beta-reductase) - Mus musculus (Mouse)	22297	19	24	3	5
O88932	ATP-sensitive inward rectifier potassium channel 15 (Potassium channel, inwardly rectifying subfamily J member 15) (Inward rectifier K(+) channel Kir4.2) - Mus musculus	43034	19	0	3	0
Q9WTL4	Insulin receptor-related protein precursor (EC 2.7.10.1) (IRR) (IR-related receptor) [Contains: Insulin receptor-related protein alpha chain; Insulin receptor-related protein beta chain] - Mus musculus (Mouse)	147162	19	0	80	0
P19182	Interferon-related developmental regulator 1 (Nerve growth factor-inducible protein PC4) (TPA-induced sequence 7) (TIS7 protein) - Mus musculus (Mouse)	50653	19	0	12	0
Q8VI38	Globoside alpha-1,3-N-acetylgalactosaminyltransferase 1 (EC 2.4.1.88) (Forssman glycolipid synthetase) - Mus musculus (Mouse)	40714	19	19	6	5
Q8BHN1	Gamma-taxilin - Mus musculus (Mouse)	60841	19	20	19	27
P53995	Anaphase-promoting complex subunit 1 (APC1) (Cyclosome subunit 1) (Protein Tsg24) (Mitotic checkpoint regulator) - Mus musculus (Mouse)	218343	19	0	24	0
Q9CQU5	ZW10 interactor (ZW10-interacting protein 1) (Zwint-1) - Mus musculus (Mouse)	28866	19	23	9	16
Q80ZI6	E3 ubiquitin-protein ligase LRSAM1 (EC 6.3.2.-) (Leucine-rich repeat and sterile alpha motif-containing protein 1) (Tsg101-associated ligase) - Mus musculus (Mouse)	85007	19	35	19	15

P50992	Potassium-transporting ATPase subunit beta (Proton pump beta chain) (Gastric H(+)/K(+) ATPase beta subunit) - Mus musculus (Mouse)	34058	19	0	4	0
P80560	Receptor-type tyrosine-protein phosphatase N2 precursor (EC 3.1.3.48) (R-PTP-N2) (PTP IA-2beta) (Protein tyrosine phosphatase-NP) (PTP-NP) - Mus musculus (Mouse)	112284	19	18	26	18
Q3THK3	Transcription initiation factor IIF subunit alpha (EC 2.7.11.1) (TFIIF-alpha) (General transcription factor IIF subunit 1) - Mus musculus (Mouse)	57268	19	0	4	0
P62862	40S ribosomal protein S30 - Mus musculus (Mouse)	6644	19	0	1	0
P28825	Meprin A subunit alpha precursor (EC 3.4.24.18) (Endopeptidase-2) (MEP-1) - Mus musculus (Mouse)	85227	19	0	6	0
P02469	Laminin subunit beta-1 precursor (Laminin B1 chain) - Mus musculus (Mouse)	204018	19	0	19	0
Q9EPQ1	Toll-like receptor 1 precursor (Toll/interleukin-1 receptor-like protein) (TIL) (CD281 antigen) - Mus musculus (Mouse)	91812	19	18	42	65
Q5U458	DnaJ homolog subfamily C member 11 - Mus musculus (Mouse)	63550	19	18	15	13
Q91W86	Vacuolar protein sorting-associated protein 11 - Mus musculus (Mouse)	109013	19	0	19	0
Q9D9J7	Izumo sperm-egg fusion protein 1 precursor (Sperm-specific protein izumo) - Mus musculus (Mouse)	45541	19	0	6	0
Q91WF3	Adenylate cyclase type 4 (EC 4.6.1.1) (Adenylate cyclase type IV) (ATP pyrophosphate-lyase 4) (Adenylyl cyclase 4) - Mus musculus (Mouse)	121785	19	0	12	0
Q61647	Hyaluronan synthase 1 (EC 2.4.1.212) (Hyaluronate synthase 1) (Hyaluronic acid synthase 1) (HA synthase 1) - Mus musculus (Mouse)	66358	19	0	22	0

Q9QYJ3	DnaJ homolog subfamily B member 1 (Heat shock 40 kDa protein 1) (Heat shock protein 40) (HSP40) - Mus musculus (Mouse)	38314	19	0	7	0
P56475	Gamma-aminobutyric-acid receptor subunit rho-1 precursor (GABA(A) receptor subunit rho-1) - Mus musculus (Mouse)	55006	19	0	7	0
Q80ZM7	Putative transcription initiation factor IIA gamma chain (TFIIA P12 subunit) (TFIIA-12) (TFIIAS) (TFIIA-gamma) - Mus musculus (Mouse)	12579	19	0	1	0
Q9QVY8	Retinoic acid-induced protein 2 (3f8) - Mus musculus (Mouse)	57427	19	22	11	5
Q80Y44	Probable ATP-dependent RNA helicase DDX10 (EC 3.6.1.-) (DEAD box protein 10) - Mus musculus (Mouse)	101133	19	16	19	15
Q8K4C2	Interleukin-17 receptor C precursor (IL-17 receptor C) (IL-17RC) (Interleukin-17 receptor-like protein) (IL-17RL) - Mus musculus (Mouse)	75978	19	0	8	0
Q8BM13	Noelin-2 precursor (Olfactomedin-2) - Mus musculus (Mouse)	51007	19	0	9	0
Q9QY76	Vesicle-associated membrane protein-associated protein B (VAMP-associated protein B) (VAMP-associated protein 33b) (VAMP-B) (VAP-B) - Mus musculus (Mouse)	27157	19	23	5	6
O08672	Kinesin-like protein KIFC2 - Mus musculus (Mouse)	86488	19	17	15	7
Q62351	Transferrin receptor protein 1 (TfR1) (TR) (TfR) (Trfr) (CD71 antigen) - Mus musculus (Mouse)	86076	19	0	3	0
P16283	Anion exchange protein 3 (Neuronal band 3-like protein) (Solute carrier family 4 member 3) - Mus musculus (Mouse)	135593	19	0	19	0
Q9JHK0	Placental prolactin-like protein M precursor (PRL-like protein M) (PLP-M) - Mus musculus (Mouse)	25993	19	0	4	0

Q9EQZ7	Regulating synaptic membrane exocytosis protein 2 (Rab3-interacting molecule 2) (RIM 2) (Rab3-interacting protein 2) - Mus musculus (Mouse)	173669	19	0	21	0
Q921L3	Transmembrane and coiled-coil domain-containing protein 1 - Mus musculus (Mouse)	21389	19	0	2	0
Q8CBW7	Cysteine-rich hydrophobic domain 1 protein (Brain X-linked protein) - Mus musculus (Mouse)	26345	19	0	5	0
Q9WTP7	GTP:AMP phosphotransferase mitochondrial (EC 2.7.4.10) (Adenylate kinase 3) (AK3) (Adenylate kinase 3 alpha-like 1) - Mus musculus (Mouse)	25467	19	0	15	0
Q60722	Transcription factor 4 (Immunoglobulin transcription factor 2) (ITF-2) (MITF-2) (SL3-3 enhancer factor 2) (SEF-2) (Class A helix-loop-helix transcription factor ME2) - Mus musculus (Mouse)	71808	19	19	18	22
P58802	TBC1 domain family member 10A (EBP50-PDX interactor of 64 kDa) (EPI64 protein) - Mus musculus (Mouse)	56737	19	16	7	5
P05201	Aspartate aminotransferase, cytoplasmic (EC 2.6.1.1) (Transaminase A) (Glutamate oxaloacetate transaminase 1) - Mus musculus (Mouse)	46488	19	0	4	0
O35085	Homeobox protein ARX (Aristaless-related homeobox) - Mus musculus (Mouse)	58854	19	19	4	10
Q62066	Paired mesoderm homeobox protein 2A (Paired-like homeobox 2A) (PHOX2A homeodomain protein) (Aristaless homeobox protein homolog) - Mus musculus (Mouse)	29741	19	0	1	0
O55103	Periaxin - Mus musculus (Mouse)	147823	19	30	28	23

Q61191	Host cell factor (HCF) (HCF-1) (C1 factor) [Contains: HCF N-terminal chain 1; HCF N-terminal chain 2; HCF N-terminal chain 3; HCF N-terminal chain 4; HCF N-terminal chain 5; HCF N-terminal chain 6; HCF C-terminal chain 1; HCF C-terminal chain 2; HCF	212231	19	0	11	0
Q61602	Zinc finger protein GLI3 - Mus musculus (Mouse)	174944	19	0	32	0
Q9D0R2	Threonyl-tRNA synthetase, cytoplasmic (EC 6.1.1.3) (Threonine--tRNA ligase) (ThrRS) - Mus musculus (Mouse)	84215	19	51	7	16
Q8C1F4	Chondroitin beta-1,4-N-acetylgalactosaminyltransferase 2 (EC 2.4.1.174) (GalNAcT-2) (beta4GalNAcT-2) - Mus musculus (Mouse)	62889	19	0	3	0
Q921Q3	Chitobiosyldiphosphodolichol beta-mannosyltransferase (EC 2.4.1.142) (GDP-mannose-dolichol diphosphochitobiose mannosyltransferase) (GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase) (Beta-1,4-mannosyltransferase) - Mus musculus (Mouse)	50464	19	0	13	0
Q6P5F9	Exportin-1 (Exp1) (Chromosome region maintenance 1 protein homolog) - Mus musculus (Mouse)	124153	19	43	9	9
Q8VD65	Phosphoinositide 3-kinase regulatory subunit 4 (EC 2.7.11.1) (PI3-kinase regulatory subunit 4) - Mus musculus (Mouse)	153814	19	18	16	13
Q5S006	Leucine-rich repeat serine/threonine-protein kinase 2 (EC 2.7.11.1) - Mus musculus (Mouse)	288544	19	15	25	16
Q8CCN1	NACHT, LRR and PYD-containing protein 10 - Mus musculus (Mouse)	77288	19	0	12	0

P97402	N-acetyllactosaminide beta-1,6-N-acetylglucosaminyltransferase (EC 2.4.1.150) (N-acetylglucosaminyltransferase) (I-branching enzyme) (IGNT) (Large I antigen-forming beta-1,6-N-acetylglucosaminyltransferase) - Mus musculus (Mouse)	46048	19	0	4	0
O88621	Forkhead box protein H1 (Forkhead activin signal transducer 1) (Fast-1) (Forkhead activin signal transducer 2) (Fast-2) - Mus musculus (Mouse)	44372	19	15	11	5
P34884	Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (EC 5.3.2.1) (Glycosylation-inhibiting factor) (GIF) (Delayed early response protein 6) (DER6) - Mus musculus (Mouse)	12667	19	17	5	4
Q9R0X4	Acyl-coenzyme A thioesterase 9, mitochondrial precursor (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) (Acyl coenzyme A thioester hydrolase 2) (48 kDa acyl-CoA thioester hydrolase) (p48) (Mt-ACT48) (Protein U8) (MTE-2) - Mus musculus (Mouse)	50813	19	0	2	0
Q9WVP1	AP-1 complex subunit mu-2 (Adaptor-related protein complex 1 mu-2 subunit) (Mu-adaptin 2) (Adaptor protein complex AP-1 mu-2 subunit) (Golgi adaptor HA1/AP1 adaptin mu-2 subunit) (Clathrin assembly protein assembly protein complex 1 medium chain 2)	48220	19	0	14	0
Q99PP2	Zinc finger protein 318 (Testicular zinc finger protein) - Mus musculus (Mouse)	224986	19	0	24	0
P48318	Glutamate decarboxylase 1 (EC 4.1.1.15) (Glutamate decarboxylase 67 kDa isoform) (GAD-67) (67 kDa glutamic acid decarboxylase) - Mus musculus (Mouse)	67347	19	0	7	0

P10749	Interleukin-1 beta precursor (IL-1 beta) - Mus musculus (Mouse)	31253	19	0	2	0
Q9QZL9	Dickkopf-like protein 1 precursor (Soggy-1 protein) (SGY-1) - Mus musculus (Mouse)	26680	19	17	6	15
P60330	Separin (EC 3.4.22.49) (Separase) (Caspase-like protein ESPL1) (Extra spindle poles-like 1 protein) - Mus musculus (Mouse)	236765	19	18	10	17
P25318	Collagen alpha-2(VIII) chain precursor (Endothelial collagen) - Mus musculus (Mouse)	67072	19	0	9	0
O08785	Circadian locomotor output cycles protein kaput (mCLOCK) - Mus musculus (Mouse)	96846	19	18	10	12
Q9CU62	Structural maintenance of chromosomes protein 1A (SMC1alpha protein) (Chromosome segregation protein SmcB) (Sb1.8) - Mus musculus (Mouse)	143754	19	0	36	0
P52430	Serum paraoxonase/arylesterase 1 (EC 3.1.1.2) (EC 3.1.8.1) (PON 1) (Serum aryldialkylphosphatase 1) (A-esterase 1) (Aromatic esterase 1) - Mus musculus (Mouse)	39711	19	21	25	15
Q8BY79	Transmembrane protein 20 - Mus musculus (Mouse)	40703	19	15	4	4
O08908	Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase p85-subunit beta) (PtdIns-3-kinase p85-beta) - Mus musculus (Mouse)	81601	19	25	20	24
Q9JKF1	Ras GTPase-activating-like protein IQGAP1 - Mus musculus (Mouse)	189437	19	81	21	25
O89093	Small inducible cytokine A20 precursor (CCL20) (Macrophage inflammatory protein 3 alpha) (MIP-3-alpha) (Liver and activation-regulated chemokine) (CC chemokine LARC) (Beta chemokine exodus-1) (CC chemokine ST38) - Mus musculus (Mouse)	11161	19	0	2	0
O35621	Phosphomannomutase 1 (EC 5.4.2.8) (PMM 1) - Mus musculus (Mouse)	30041	19	0	4	0

Q3TY60	Uncharacterized protein KIAA0773 homolog - Mus musculus (Mouse)	36107	19	0	3	0
Q9QZ05	Eukaryotic translation initiation factor 2-alpha kinase 4 (EC 2.7.11.1) (GCN2-like protein) (mGCN2) - Mus musculus (Mouse)	187967	19	19	28	15
Q6ZQ88	Lysine-specific histone demethylase 1 (EC 1.-.-.-) (Flavin-containing amine oxidase domain-containing protein 2) (BRAAF35-HDAC complex protein BHC110) - Mus musculus (Mouse)	93306	19	0	8	0
P58281	Dynamin-like 120 kDa protein, mitochondrial precursor (Optic atrophy protein 1 homolog) (Large GTP-binding protein) (LargeG) [Contains: Dynamin-like 120 kDa protein, form S1] - Mus musculus (Mouse)	111783	19	0	17	0
Q8CBY1	Sterile alpha motif domain-containing protein 4A - Mus musculus (Mouse)	69681	19	0	15	0
P62257	Ubiquitin-conjugating enzyme E2 H (EC 6.3.2.19) (Ubiquitin-protein ligase H) (Ubiquitin carrier protein H) (UBCH2) (E2-20K) - Mus musculus (Mouse)	20699	19	0	4	0
P23188	Furin precursor (EC 3.4.21.75) (Paired basic amino acid residue cleaving enzyme) (PACE) (Dibasic-processing enzyme) (Prohormone convertase 3) - Mus musculus (Mouse)	88061	19	19	19	12
Q8VDI7	Ubiquitin-associated domain-containing protein 1 (E3 ubiquitin-protein ligase subunit KPC2) (Kip1 ubiquitination-promoting complex protein 2) - Mus musculus (Mouse)	45730	19	24	7	16
Q3UHX2	28 kDa heat- and acid-stable phosphoprotein (PDGF-associated protein) (PAP) (PDGFA-associated protein 1) (PAP1) - Mus musculus (Mouse)	20593	19	0	5	0

Q7TNM2	Tripartite motif-containing protein 46 (Tripartite, fibronectin type-III and C-terminal SPRY motif protein) - Mus musculus (Mouse)	85203	19	0	6	0
P28652	Calcium/calmodulin-dependent protein kinase type II beta chain (EC 2.7.11.17) (CaM-kinase II beta chain) (CaM kinase II subunit beta) (CaMK-II subunit beta) - Mus musculus (Mouse)	61164	19	0	7	0
Q80X60	EF-hand calcium-binding domain-containing protein 3 - Mus musculus (Mouse)	50021	19	0	8	0
P41233	ATP-binding cassette sub-family A member 1 (ATP-binding cassette transporter 1) (ATP-binding cassette 1) (ABC-1) - Mus musculus (Mouse)	256092	19	22	23	17
Q9R1X5	Multidrug resistance-associated protein 5 (ATP-binding cassette sub-family C member 5) (ABC transporter MOAT-C) (SMRP) - Mus musculus (Mouse)	162111	19	20	32	18
Q71LX4	Talin-2 - Mus musculus (Mouse)	255679	19	0	19	0
Q8R1Q0	Syntaxin-19 - Mus musculus (Mouse)	34302	19	22	7	2
Q80XC6	Uncharacterized protein C14orf102 homolog - Mus musculus (Mouse)	134595	19	0	18	0
Q8C0V0	Serine/threonine-protein kinase tousled-like 1 (EC 2.7.11.1) (Tousled-like kinase 1) - Mus musculus (Mouse)	87140	19	0	12	0
Q91ZA3	Propionyl-CoA carboxylase alpha chain, mitochondrial precursor (EC 6.4.1.3) (PCCase subunit alpha) (Propanoyl-CoA:carbon dioxide ligase subunit alpha) - Mus musculus (Mouse)	80498	19	0	13	0
P27046	Alpha-mannosidase 2 (EC 3.2.1.114) (Alpha-mannosidase II) (Mannosyl-oligosaccharide 1,3-1,6-alpha-mannosidase) (MAN II) (Golgi alpha-mannosidase II) (Mannosidase alpha class 2A member 1) (AMAN II) - Mus musculus (Mouse)	132247	19	0	19	0

P16330	2~,3~-cyclic-nucleotide 3~-phosphodiesterase (EC 3.1.4.37) (CNP) (CNPase) - Mus musculus (Mouse)	47493	19	0	11	0
P51432	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 3 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-3) (PLC-beta-3) - Mus musculus (Mouse)	140260	19	0	8	0
Q6S5J6	Krev interaction trapped protein 1 (Krev interaction trapped 1) (Cerebral cavernous malformations 1 protein homolog) - Mus musculus (Mouse)	84670	19	0	9	0
Q9D2D7	Zinc finger protein 687 - Mus musculus (Mouse)	132891	19	0	5	0
Q9Z2A0	3-phosphoinositide-dependent protein kinase 1 (EC 2.7.11.1) (mPDK1) - Mus musculus (Mouse)	64175	19	0	4	0
P09470	Angiotensin-converting enzyme, somatic isoform precursor (EC 3.4.15.1) (Dipeptidyl carboxypeptidase I) (Kininase II) [Contains: Angiotensin-converting enzyme, somatic isoform, soluble form] - Mus musculus (Mouse)	151678	19	0	6	0
P61290	Proteasome activator complex subunit 3 (Proteasome activator 28-gamma subunit) (PA28gamma) (PA28g) (Activator of multicatalytic protease subunit 3) (11S regulator complex subunit gamma) (REG-gamma) (Ki nuclear autoantigen) - Mus musculus (Mouse)	29602	19	0	5	0
Q9JIH2	Nucleoporin 50 kDa (Nuclear pore-associated protein 60 kDa-like) - Mus musculus (Mouse)	49921	19	0	2	0
Q80X53	Coiled-coil domain-containing protein 116 - Mus musculus (Mouse)	60583	19	0	3	0

P28649	Cytochrome P450 19A1 (EC 1.14.14.1) (Aromatase) (CYPXIX) (Estrogen synthetase) (P-450AROM) - Mus musculus (Mouse)	58490	19	0	8	0
P32299	B2 bradykinin receptor (BK-2 receptor) (B2R) - Mus musculus (Mouse)	45101	19	0	1	0
Q3UHC2	Leucine-rich repeat serine/threonine-protein kinase 1 (EC 2.7.11.1) - Mus musculus (Mouse)	228405	19	20	37	23
Q8R059	UDP-glucose 4-epimerase (EC 5.1.3.2) (Galactowaldenase) (UDP-galactose 4-epimerase) - Mus musculus (Mouse)	38542	19	15	20	16
Q9D952	Envoplakin (p210) (210 kDa cornified envelope precursor protein) - Mus musculus (Mouse)	233659	19	20	42	28
Q3UVR3	Tau-tubulin kinase 2 - Mus musculus (Mouse)	137598	19	19	49	60
Q99JP0	Mitogen-activated protein kinase kinase kinase 3 (EC 2.7.11.1) (MAPK/ERK kinase kinase 3) (MEK kinase kinase 3) (MEKKK 3) (Germinal center kinase-related protein kinase) (GLK) (Fragments) - Mus musculus (Mouse)	78194	19	0	8	0
Q9JJC8	Non-imprinted in Prader-Willi/Angelman syndrome region protein 2 homolog - Mus musculus (Mouse)	39408	19	0	9	0
Q9D0U9	Protein ARV1 - Mus musculus (Mouse)	31142	19	0	9	0
Q80ZF8	Brain-specific angiogenesis inhibitor 3 precursor - Mus musculus (Mouse)	174707	19	0	14	0
Q8CIG3	Flavin-containing amine oxidase domain-containing protein 1 (EC 1.-.-) - Mus musculus (Mouse)	93885	19	0	14	0
Q60739	BAG family molecular chaperone regulator 1 (BCL-2-binding athanogene-1) (BAG-1) - Mus musculus (Mouse)	40001	18	0	5	0
Q35691	Pinin - Mus musculus (Mouse)	82557	18	0	12	0
Q62443	Neuronal pentraxin-1 precursor (NP1) (Neuronal pentraxin I) (NP I) - Mus musculus (Mouse)	47601	18	0	6	0

P57748	Matrix metalloproteinase-20 precursor (EC 3.4.24.-) (MMP-20) (Enamel metalloproteinase) (Enamelysin) - Mus musculus (Mouse)	54510	18	0	5	0
Q8C525	Uncharacterized protein C3orf59 homolog - Mus musculus (Mouse)	49016	18	0	18	0
P43267	SOX-15 protein - Mus musculus (Mouse)	25466	18	0	16	0
Q9JMH6	Thioredoxin reductase 1, cytoplasmic (EC 1.8.1.9) (TR) (TR1) - Mus musculus (Mouse)	55318	18	0	10	0
Q5SZA1	Sodium-dependent phosphate transport protein 3 (Sodium/phosphate cotransporter 3) (Na(+)/Pi cotransporter 3) (Solute carrier family 17 member 2) - Mus musculus (Mouse)	52558	18	0	3	0
P56479	Galanin receptor type 1 (GAL1-R) (GALR1) - Mus musculus (Mouse)	39659	18	0	4	0
Q9Z273	Tubby-related protein 1 (Tubby-like protein 1) - Mus musculus (Mouse)	60527	18	20	12	7
Q91VS8	FERM, RhoGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) - Mus musculus (Mouse)	122189	18	0	9	0
Q62059	Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M) - Mus musculus (Mouse)	368613	18	16	27	14
P48614	Protein Wnt-10b precursor (Wnt-12) - Mus musculus (Mouse)	44459	18	0	4	0
P22361	Hepatocyte nuclear factor 1-alpha (HNF-1A) (Liver-specific transcription factor LF-B1) (LFB1) - Mus musculus (Mouse)	67367	18	0	2	0
Q62417	Sorbin and SH3 domain-containing protein 1 (Ponsin) (c-Cbl-associated protein) (CAP) (SH3 domain protein 5) (SH3P12) - Mus musculus (Mouse)	143952	18	0	14	0

Q5NCE8	Magnesium transporter MRS2L, mitochondrial precursor (MRS2-like protein) - Mus musculus (Mouse)	49553	18	0	5	0
Q61001	Laminin subunit alpha-5 precursor - Mus musculus (Mouse)	416122	18	17	43	32
P61759	Prefoldin subunit 3 (Von Hippel-Lindau-binding protein 1) (VHL-binding protein 1) (VBP-1) - Mus musculus (Mouse)	22592	18	0	8	0
Q7TT36	Probable G-protein coupled receptor 125 precursor - Mus musculus (Mouse)	146741	18	0	26	0
Q8VDS7	Uncharacterized protein C6orf182 homolog - Mus musculus (Mouse)	47217	18	0	11	0
Q99KN9	Clathrin interactor 1 (Epsin-4) (Epsin-related protein) (EpsinR) (Enthoprotin) - Mus musculus (Mouse)	68811	18	0	6	0
Q6ZQ73	Cullin-associated NEDD8-dissociated protein 2 (Cullin-associated and neddylation-dissociated protein 2) (p120 CAND2) (TBP-interacting protein TIP120B) (TBP-interacting protein of 120 kDa B) - Mus musculus (Mouse)	137086	18	20	17	13
Q01098	Glutamate [NMDA] receptor subunit epsilon 3 precursor (N-methyl D-aspartate receptor subtype 2C) (NR2C) (NMDAR2C) - Mus musculus (Mouse)	136931	18	33	15	15
Q91ZJ0	Crossover junction endonuclease MUS81 (EC 3.1.22.-) - Mus musculus (Mouse)	62107	18	0	13	0
Q9JLM9	Growth factor receptor-bound protein 14 (GRB14 adapter protein) - Mus musculus (Mouse)	61162	18	0	6	0
Q8BMD2	Zinc finger protein DZIP1 (DAZ-interacting protein 1 homolog) - Mus musculus (Mouse)	97855	18	0	10	0
Q8CBE3	WD repeat protein 37 - Mus musculus (Mouse)	55696	18	0	13	0

P35585	AP-1 complex subunit mu-1 (Adaptor-related protein complex 1 mu-1 subunit) (Mu-adaptin 1) (Adaptor protein complex AP-1 mu-1 subunit) (Golgi adaptor HA1/AP1 adaptin mu-1 subunit) (Clathrin assembly protein assembly protein complex 1 medium chain 1)	48683	18	0	6	0
Q6P1E8	DJ-1-binding protein - Mus musculus (Mouse)	174223	18	16	14	16
Q5DTH5	Teashirt homolog 1 (Serologically defined colon cancer antigen 3 homolog) - Mus musculus (Mouse)	119463	18	0	14	0
Q3V096	Ankyrin repeat domain-containing protein 42 - Mus musculus (Mouse)	59067	18	20	8	5
Q5SXA9	WW domain-containing protein 1 (Kidney and brain protein) (KIBRA) - Mus musculus (Mouse)	124946	18	0	15	0
O35601	FYN-binding protein (FYN-T-binding protein) (FYB-120/130) (p120/p130) (SLP-76-associated phosphoprotein) (SLAP-130) (Adhesion and degranulation promoting adaptor protein) (ADAP) - Mus musculus (Mouse)	90229	18	0	7	0
Q9D0I9	Arginyl-tRNA synthetase, cytoplasmic (EC 6.1.1.19) (Arginine--tRNA ligase) (ArgRS) - Mus musculus (Mouse)	76423	18	0	20	0
P15539	Cytochrome P450 11B2, mitochondrial precursor (EC 1.14.15.4) (EC 1.14.15.5) (CYPXIB2) (P450C11) (Steroid 11-beta-hydroxylase) (Aldosterone synthase) - Mus musculus (Mouse)	57449	18	0	32	0
P17125	Transforming growth factor beta-3 precursor (TGF-beta-3) - Mus musculus (Mouse)	47653	18	0	6	0
Q80X44	Zinc finger and BTB domain-containing protein 24 (Zinc finger protein 450) (Bone morphogenetic protein-induced factor 1) (Brain-specific protein 1) - Mus musculus (Mouse)	80013	18	0	5	0

P59900	EMILIN-3 precursor (EMILIN-5) (Elastin microfibril interface located protein 5) (Elastin microfibril interfacier 5) - Mus musculus (Mouse)	83372	18	19	12	6
Q6P1Z5	Protein FAM113A - Mus musculus (Mouse)	51771	18	0	12	0
P26928	Hepatocyte growth factor-like protein precursor (Macrophage stimulatory protein) (MSP) [Contains: Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain] - Mus musculus (Mouse)	83102	18	0	3	0
Q61035	Histidyl-tRNA synthetase, cytoplasmic (EC 6.1.1.21) (Histidine--tRNA ligase) (HisRS) - Mus musculus (Mouse)	57893	18	17	9	13
Q8BH55	Threonine synthase-like 1 - Mus musculus (Mouse)	84017	18	0	6	0
Q8JZV4	RNA-binding protein 41 (RNA-binding motif protein 41) - Mus musculus (Mouse)	47714	18	0	4	0
Q63ZW7	InaD-like protein (Inadl protein) (Pals1-associated tight junction protein) (Protein associated to tight junctions) (Channel-interacting PDZ domain-containing protein) - Mus musculus (Mouse)	199364	18	30	12	15
Q7TSC1	Large proline-rich protein BAT2 (HLA-B-associated transcript 2) - Mus musculus (Mouse)	229633	18	0	20	0
P70266	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1 (6PF-2-K/Fru-2,6-P2ASE liver isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] - Mus musculus (Mouse)	55385	18	17	16	23
P97313	DNA-dependent protein kinase catalytic subunit (EC 2.7.11.1) (DNA-PK catalytic subunit) (DNA-PKcs) (P460) - Mus musculus (Mouse)	476445	18	23	46	42
P70248	Myosin-Ii - Mus musculus (Mouse)	126610	18	0	13	0

O70458	Oncostatin-M specific receptor subunit beta precursor - Mus musculus (Mouse)	111414	18	0	5	0
Q61599	Rho GDP-dissociation inhibitor 2 (Rho GDI 2) (Rho-GDI beta) (D4) - Mus musculus (Mouse)	22894	18	25	9	10
Q99P47	Contactin-associated protein-like 4 precursor (Cell recognition molecule Caspr4) - Mus musculus (Mouse)	146618	18	16	21	10
Q62181	Semaphorin-3C precursor (Semaphorin E) (Sema E) - Mus musculus (Mouse)	86517	18	0	9	0
P38060	Hydroxymethylglutaryl-CoA lyase, mitochondrial precursor (EC 4.1.3.4) (HMG-CoA lyase) (HL) (3-hydroxy-3-methylglutarate-CoA lyase) - Mus musculus (Mouse)	34595	18	0	5	0
O88978	Leucine-rich repeat-containing protein 6 (Leucine-rich testis-specific protein) (Testis-specific leucine-rich repeat protein) - Mus musculus (Mouse)	55471	18	0	24	0
Q5H8C4	Vacuolar protein sorting-associated protein 13A (Chorein) (Chorea-acanthocytosis protein homolog) - Mus musculus (Mouse)	360940	18	0	29	0
Q921E2	Ras-related protein Rab-31 - Mus musculus (Mouse)	21660	18	29	7	6
Q01405	Protein transport protein Sec23A (SEC23-related protein A) - Mus musculus (Mouse)	87019	18	0	5	0
Q91ZN5	Adenosine 3~-phospho 5~-phosphosulfate transporter 1 (PAPS transporter 1) (Solute carrier family 35 member B2) - Mus musculus (Mouse)	47795	18	0	7	0
Q9JKT3	Taste receptor type 2 member 4 (T2R4) (Taste receptor type 2 member 8) (T2R8) - Mus musculus (Mouse)	34522	18	0	1	0
Q62234	Myomesin-1 (Skelemin) - Mus musculus (Mouse)	186470	18	0	27	0

P18155	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial precursor [Includes: NAD-dependent methylenetetrahydrofolate dehydrogenase (EC 1.5.1.15); Methenyltetrahydrofolate cyclohydrolase (EC 3.5.4.9)] - Mus musculus (Mouse)	38010	18	21	7	10
O70468	Myosin-binding protein C, cardiac-type (Cardiac MyBP-C) (C-protein, cardiac muscle isoform) - Mus musculus (Mouse)	141799	18	17	21	26
Q8C0D4	Rho GTPase-activating protein 12 - Mus musculus (Mouse)	95693	18	18	34	49
Q5XKE0	Myosin-binding protein C, fast-type (Fast MyBP-C) (C-protein, skeletal muscle fast isoform) - Mus musculus (Mouse)	128128	18	17	27	19
Q60611	DNA-binding protein SATB1 (Special AT-rich sequence-binding protein 1) - Mus musculus (Mouse)	86152	18	0	7	0
P10300	T-cell surface glycoprotein CD8 beta chain precursor (T-cell surface glycoprotein Lyt-3) (T-cell membrane glycoprotein Ly-3) (Lymphocyte antigen 3) (CD8b antigen) - Mus musculus (Mouse)	24614	18	0	2	0
Q9CXP4	Rho GTPase-activating protein 8 - Mus musculus (Mouse)	49341	18	0	9	0
Q9JIA1	Leucine-rich glioma-inactivated protein 1 precursor - Mus musculus (Mouse)	64345	18	0	13	0
Q9JM52	Misshapen-like kinase 1 (EC 2.7.11.1) (Mitogen-activated protein kinase kinase kinase 6) (MAPK/ERK kinase kinase 6) (MEK kinase kinase 6) (MEKKK 6) (Misshapen/NIK-related kinase) (GCK family kinase MiNK) - Mus musculus (Mouse)	147917	18	54	13	11

P97445	Voltage-dependent P/Q-type calcium channel subunit alpha-1A (Voltage-gated calcium channel subunit alpha Cav2.1) (Calcium channel, L type, alpha-1 polypeptide isoform 4) (Brain calcium channel I) (BI) - Mus musculus (Mouse)	269244	18	16	19	13
Q8CAA7	Phosphoglucosyltransferase-2-like 1 (EC 5.4.2.2) - Mus musculus (Mouse)	71147	18	0	12	0
Q6ZPR4	Potassium channel subfamily T member 1 - Mus musculus (Mouse)	140013	18	0	13	0
Q62172	RalA-binding protein 1 (RalBP1) (Ral-interacting protein 1) (Dinitrophenyl S-glutathione ATPase) (DNP-SG ATPase) - Mus musculus (Mouse)	75441	18	16	8	6
Q64441	Cytochrome P450 24A1, mitochondrial precursor (EC 1.14.-.-) (P450-CC24) (Vitamin D(3) 24-hydroxylase) (1,25-dihydroxyvitamin D(3) 24-hydroxylase) (24-OHase) - Mus musculus (Mouse)	59928	18	0	8	0
Q8CIN4	Serine/threonine-protein kinase PAK 2 (EC 2.7.11.1) (p21-activated kinase 2) (PAK-2) - Mus musculus (Mouse)	58179	18	0	6	0
Q99LI8	Hepatocyte growth factor-regulated tyrosine kinase substrate - Mus musculus (Mouse)	86588	18	0	10	0
Q99J95	Cell division protein kinase 9 (EC 2.7.11.22) (EC 2.7.11.23) (Cyclin-dependent kinase 9) - Mus musculus (Mouse)	43133	18	0	4	0
Q8CJF7	AT-hook-containing transcription factor 1 (Embryonic large molecule derived from yolk sac) - Mus musculus (Mouse)	249489	18	20	19	9
Q8K348	Activin receptor type 1C precursor (EC 2.7.11.30) (ACTR-IC) (Activin receptor-like kinase 7) (ALK-7) - Mus musculus (Mouse)	55903	18	0	4	0
Q9QZM9	F-box only protein 16 - Mus musculus (Mouse)	39362	18	0	4	0

Q99KE1	NAD-dependent malic enzyme, mitochondrial precursor (EC 1.1.1.38) (NAD-ME) (Malic enzyme 2) - Mus musculus (Mouse)	66441	18	0	5	0
Q99KF0	Caspase recruitment domain-containing protein 14 (Bcl10-interacting MAGUK protein 2) (Bimp2) - Mus musculus (Mouse)	114737	18	0	15	0
Q925J9	Peroxisome proliferator-activated receptor-binding protein (PBP) (PPAR-binding protein) (Thyroid hormone receptor-associated protein complex 220 kDa component) (Trap220) (Thyroid receptor-interacting protein 2) (TRIP-2) - Mus musculus (Mouse)	168006	18	0	9	0
Q35955	Proteasome subunit beta type 10 precursor (EC 3.4.25.1) (Proteasome MECL-1) (Macropain subunit MECL-1) (Multicatalytic endopeptidase complex subunit MECL-1) - Mus musculus (Mouse)	29330	18	0	3	0
Q8C4M7	Centromere protein U (CENP-U) (MLF1-interacting protein) - Mus musculus (Mouse)	46570	18	0	10	0
Q7TNB4	Protein maestro (Male-specific transcription in the developing reproductive organs) - Mus musculus (Mouse)	28720	18	0	11	0
Q05921	2-5A-dependent ribonuclease (EC 3.1.26.-) (2-5A-dependent RNase) (Ribonuclease L) (RNase L) (Ribonuclease 4) - Mus musculus (Mouse)	84021	18	23	19	14
Q80Y56	Rabenosyn-5 (FYVE finger-containing Rab5 effector protein rabenosyn-5) (Zinc finger FYVE domain-containing protein 20) - Mus musculus (Mouse)	89292	18	0	10	0
P47878	Insulin-like growth factor-binding protein 3 precursor (IGFBP-3) (IBP-3) (IGF-binding protein 3) - Mus musculus (Mouse)	32726	18	26	5	10
Q7TPM3	Tripartite motif-containing protein 17 - Mus musculus (Mouse)	55683	18	18	7	9
Q8BZ39	Neuromedin-U receptor 2 (NMU-R2) - Mus musculus (Mouse)	45425	18	0	17	0

Q9JMC8	Band 4.1-like protein 4B (Protein EHM2) - Mus musculus (Mouse)	60110	18	0	4	0
P61294	Ras-related protein Rab-6B - Mus musculus (Mouse)	23561	18	53	10	7
Q64FW2	All-trans-retinol 13,14-reductase precursor (EC 1.3.99.23) (All-trans-13,14-dihydroretinol saturase) (RetSat) - Mus musculus (Mouse)	67876	18	0	11	0
P56183	NNP-1 protein (Novel nuclear protein 1) (Nop52) - Mus musculus (Mouse)	54857	18	21	14	13
P57016	Ladinin 1 (Lad-1) (Linear IgA disease autoantigen) - Mus musculus (Mouse)	58886	18	0	8	0
Q9D2Z8	Kinesin-like protein KIF12 - Mus musculus (Mouse)	71687	18	0	8	0
P21958	Antigen peptide transporter 1 (APT1) (Peptide transporter TAP1) (ATP-binding cassette sub-family B member 2) (Histocompatibility antigen modifier 1) - Mus musculus (Mouse)	79297	18	0	7	0
P29754	Type-1A angiotensin II receptor (AT1) (AT1A) - Mus musculus (Mouse)	41399	18	0	122	0
P01723	Ig lambda-1 chain V region precursor - Mus musculus (Mouse)	12328	18	0	2	0
Q62513	Zinc finger protein 260 (Zfp-260) - Mus musculus (Mouse)	47952	18	0	6	0
Q07916	POU domain, class 6, transcription factor 1 (Octamer-binding transcription factor EMB) (Transcription regulatory protein MCP-1) - Mus musculus (Mouse)	33002	18	0	5	0
P52792	Glucokinase (EC 2.7.1.2) (Hexokinase-4) (Hexokinase type IV) (HK IV) (HK4) (Hexokinase-D) - Mus musculus (Mouse)	52739	18	16	12	6
Q64339	Ubiquitin cross-reactive protein precursor (Interferon-stimulated protein 15) (IP17) - Mus musculus (Mouse)	18057	18	0	5	0
Q66JQ7	Protein CASC5 (Cancer susceptibility candidate gene 5 protein homolog) - Mus musculus (Mouse)	180895	18	0	25	0

Q8R0Y6	10-formyltetrahydrofolate dehydrogenase (EC 1.5.1.6) (10-FTHFDH) (Aldehyde dehydrogenase 1 family member L1) - Mus musculus (Mouse)	99502	18	0	18	0
Q8R0I0	Angiotensin-converting enzyme 2 precursor (EC 3.4.17.-) (ACE-related carboxypeptidase) - Mus musculus (Mouse)	92765	18	0	6	0
Q9ESK9	RB1-inducible coiled-coil protein 1 (Coiled-coil-forming protein 1) (LaXp180 protein) - Mus musculus (Mouse)	184302	18	0	24	0
Q925E0	Gamma-2-syntrophin (G2SYN) (Syntrophin 5) (SYN5) - Mus musculus (Mouse)	60358	18	0	3	0
Q8VHY0	Chondroitin sulfate proteoglycan 4 precursor (Chondroitin sulfate proteoglycan NG2) (AN2 proteoglycan) - Mus musculus (Mouse)	252992	18	0	19	0
P98192	Dihydroxyacetone phosphate acyltransferase (EC 2.3.1.42) (DHAP-AT) (DAP-AT) (Glycerone-phosphate O-acyltransferase) (Acyl-CoA:dihydroxyacetonephosphat eacyltransferase) - Mus musculus (Mouse)	77504	18	16	7	3
Q8CFH6	Serine/threonine-protein kinase SNF1-like kinase 2 (EC 2.7.11.1) (Salt-inducible kinase 2) - Mus musculus (Mouse)	105044	18	0	3	0
P42703	Leukemia inhibitory factor receptor precursor (LIF receptor) (LIF-R) (D-factor/LIF receptor) (CD118 antigen) - Mus musculus (Mouse)	123808	18	17	53	67
Q9ES64	Harmonin (Usher syndrome type-1C protein homolog) (PDZ domain-containing protein) - Mus musculus (Mouse)	102620	18	15	5	8
Q8CJH3	Plexin-B1 precursor - Mus musculus (Mouse)	234579	18	0	23	0
Q8VEL9	GTP-binding protein REM 2 (Rad and Gem-like GTP-binding protein 2) - Mus musculus (Mouse)	30235	18	16	3	5
P59242	Cingulin - Mus musculus (Mouse)	136593	18	21	30	32

Q88741	Ganglioside-induced differentiation-associated protein 1 (GDAP1) - Mus musculus (Mouse)	41513	18	0	11	0
Q8VE33	Ganglioside-induced differentiation-associated protein 1-like 1 (GDAP1-L1) - Mus musculus (Mouse)	42633	18	0	6	0
Q9DC16	Endoplasmic reticulum-Golgi intermediate compartment protein 1 (ER-Golgi intermediate compartment 32 kDa protein) (ERGIC-32) - Mus musculus (Mouse)	32941	18	19	4	2
Q99NB9	Splicing factor 3B subunit 1 (Spliceosome-associated protein 155) (SAP 155) (SF3b155) (Pre-mRNA-splicing factor SF3b 155 kDa subunit) - Mus musculus (Mouse)	146465	18	0	11	0
Q62178	Semaphorin-4A precursor (Semaphorin B) (Sema B) - Mus musculus (Mouse)	84375	18	0	8	0
Q9JHU2	Palmdelphin - Mus musculus (Mouse)	62833	18	0	25	0
Q89017	Legumain precursor (EC 3.4.22.34) (Asparaginyl endopeptidase) (Protease, cysteine 1) - Mus musculus (Mouse)	49740	18	0	23	0
Q921M7	Protein FAM49B - Mus musculus (Mouse)	37038	18	0	5	0
Q61080	Forkhead box protein F1 (Forkhead-related protein FKHL5) (Forkhead-related transcription factor 1) (FREAC-1) (Hepatocyte nuclear factor 3 forkhead homolog 8) (HFH-8) - Mus musculus (Mouse)	38174	18	0	3	0
Q9JJ28	Protein flightless-1 homolog - Mus musculus (Mouse)	146137	18	0	5	0
P16015	Carbonic anhydrase 3 (EC 4.2.1.1) (Carbonic anhydrase III) (Carbonate dehydratase III) (CA-III) - Mus musculus (Mouse)	29633	18	17	9	12
Q8VBZ3	Cleft lip and palate transmembrane protein 1 homolog (Thymic epithelial cell surface antigen) - Mus musculus (Mouse)	75585	18	0	2	0

Q00780	Collagen alpha-1(VIII) chain precursor - Mus musculus (Mouse)	73673	18	0	5	0
Q61824	ADAM 12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 12) (Meltrin alpha) - Mus musculus (Mouse)	101217	18	20	7	5
Q88572	Low-density lipoprotein receptor-related protein 6 precursor - Mus musculus (Mouse)	183162	18	0	7	0
Q9QYH9	Tumor necrosis factor ligand superfamily member 14 (CD258 antigen) [Contains: Tumor necrosis factor ligand superfamily member 14, membrane form; Tumor necrosis factor ligand superfamily member 14, soluble form] - Mus musculus (Mouse)	26493	18	0	3	0
Q80U70	Polycomb protein Suz12 (Suppressor of zeste 12 protein homolog) - Mus musculus (Mouse)	83715	18	19	6	5
Q60631	Growth factor receptor-bound protein 2 (Adapter protein GRB2) (SH2/SH3 adapter GRB2) - Mus musculus (Mouse)	25336	18	19	2	4
Q8K4J2	Transcription factor COE4 (Early B-cell factor 4) (EBF-4) (Olf-1/EBF-like 4) (OE-4) (O/E-4) - Mus musculus (Mouse)	65267	18	16	12	13
Q8R5C5	Beta-centractin (Actin-related protein 1B) (ARP1B) - Mus musculus (Mouse)	42369	18	0	5	0
Q8BP86	snRNA-activating protein complex subunit 4 (SNAPc subunit 4) (snRNA-activating protein complex 190 kDa subunit) (SNAPc 190 kDa subunit) - Mus musculus (Mouse)	148348	18	0	8	0
Q8BGA3	Leucine-rich repeat transmembrane neuronal protein 2 precursor - Mus musculus (Mouse)	59690	18	0	2	0
Q8BLA8	Transient receptor potential cation channel subfamily A member 1 (Ankyrin-like with transmembrane domains protein 1) - Mus musculus (Mouse)	130151	17	0	15	0

Q7TQG1	Pleckstrin homology domain-containing family A member 6 (Phosphoinositol 3-phosphate-binding protein 3) (PEPP-3) - Mus musculus (Mouse)	131688	17	37	14	21
Q8BHT7	Ran GTPase-activating protein 1 - Mus musculus (Mouse)	64090	17	23	8	8
P70365	Nuclear receptor coactivator 1 (EC 2.3.1.48) (NCoA-1) (Steroid receptor coactivator 1) (SRC-1) (Nuclear receptor coactivator protein 1) (mNRC-1) - Mus musculus (Mouse)	158285	17	20	9	15
Q8C8N2	Uncharacterized protein C9orf126 homolog - Mus musculus (Mouse)	70630	17	0	4	0
Q9Z2W1	Serine/threonine-protein kinase 25 (EC 2.7.11.1) (Sterile 20/oxidant stress-response kinase 1) (Ste20/oxidant stress response kinase 1) (SOK-1) (Ste20-like kinase) - Mus musculus (Mouse)	48374	17	0	5	0
P01027	Complement C3 precursor (HSE-MSF) [Contains: Complement C3 beta chain; Complement C3 alpha chain; C3a anaphylatoxin; Complement C3b alpha~ chain; Complement C3c alpha~ chain fragment 1; Complement C3dg fragment; Complement C3g fragment; Complement C	187904	17	0	42	0
Q99ME9	Nucleolar GTP-binding protein 1 (Chronic renal failure gene protein) (GTP-binding protein NGB) - Mus musculus (Mouse)	74465	17	0	8	0
P70336	Rho-associated protein kinase 2 (EC 2.7.11.1) (Rho-associated, coiled-coil-containing protein kinase 2) (p164 ROCK-2) - Mus musculus (Mouse)	161625	17	21	37	27
P54071	Isocitrate dehydrogenase [NADP], mitochondrial precursor (EC 1.1.1.42) (Oxalosuccinate decarboxylase) (IDH) (NADP(+)-specific ICDH) (IDP) (ICD-M) - Mus musculus (Mouse)	59419	17	18	9	6

P11798	Calcium/calmodulin-dependent protein kinase type II alpha chain (EC 2.7.11.17) (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II subunit alpha) - Mus musculus (Mouse)	54651	17	0	6	0
Q923T9	Calcium/calmodulin-dependent protein kinase type II gamma chain (EC 2.7.11.17) (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II subunit gamma) - Mus musculus (Mouse)	60254	17	0	5	0
Q921F4	Heterogeneous nuclear ribonucleoprotein L-like - Mus musculus (Mouse)	64940	17	0	14	0
O35219	Potassium voltage-gated channel subfamily H member 2 (Voltage-gated potassium channel subunit Kv11.1) (Ether-a-go-go-related gene potassium channel 1) (ERG1) (MERG) (Merg1) (Ether-a-go-go-related protein 1) (Eag-related protein 1) - Mus musculus (Mo	128117	17	0	12	0
Q8R080	G2 and S phase expressed protein 1 (Gtse-1) (B99 protein) - Mus musculus (Mouse)	79160	17	0	14	0
P50580	Proliferation-associated protein 2G4 (Proliferation-associated protein 1) (Protein p38-2G4) (Mpp1) (IRES-specific cellular trans-acting factor 45 kDa) (ITAF45) - Mus musculus (Mouse)	44013	17	0	8	0
Q99LE6	ATP-binding cassette sub-family F member 2 - Mus musculus (Mouse)	72306	17	0	10	0
O89084	cAMP-specific 3~,5~-cyclic phosphodiesterase 4A (EC 3.1.4.17) - Mus musculus (Mouse)	94126	17	0	9	0
Q64347	Chloride channel protein, skeletal muscle (Chloride channel protein 1) (ClC-1) - Mus musculus (Mouse)	111120	17	0	6	0
Q9D2F7	Nuclear pore membrane glycoprotein 210-like precursor (Nucleoporin 210 kDa-like) - Mus musculus (Mouse)	209594	17	0	18	0

Q8BJS4	Sad1/unc-84-like protein 2 - Mus musculus (Mouse)	78318	17	0	10	0
P35546	Proto-oncogene tyrosine-protein kinase receptor ret precursor (EC 2.7.10.1) (C-ret) - Mus musculus (Mouse)	125791	17	0	15	0
P15327	Bisphosphoglycerate mutase (EC 5.4.2.4) (2,3-bisphosphoglycerate mutase, erythrocyte) (2,3-bisphosphoglycerate synthase) (BPGM) (EC 5.4.2.1) (EC 3.1.3.13) (BPG-dependent PGAM) - Mus musculus (Mouse)	30131	17	23	9	7
Q99LJ2	Ankyrin repeat and BTB/POZ domain-containing protein 1 - Mus musculus (Mouse)	55163	17	0	5	0
Q8K4L0	ATP-dependent RNA helicase DDX54 (EC 3.6.1.-) (DEAD box protein 54) - Mus musculus (Mouse)	98029	17	21	27	24
Q8K0G8	RNA-binding protein 35B (RNA-binding motif protein 35B) - Mus musculus (Mouse)	78110	17	0	15	0
Q511X5	RelA-associated inhibitor (Inhibitor of ASPP protein) (Protein iASPP) (PPP1R13B-like protein) (NFkB-interacting protein 1) - Mus musculus (Mouse)	89263	17	0	10	0
Q91WD7	Kinesin family member 18A - Mus musculus (Mouse)	102126	17	0	11	0
Q6PCM1	JmjC domain-containing histone demethylation protein 2A (EC 1.14.11.-) (Jumonji domain-containing protein 1A) - Mus musculus (Mouse)	149978	17	0	21	0
Q9D687	Sodium-dependent neutral amino acid transporter B(0) (System B(0) neutral amino acid transporter) (B(0)AT1) (Solute carrier family 6 member 19) - Mus musculus (Mouse)	72403	17	0	2	0
Q64487	Receptor-type tyrosine-protein phosphatase delta precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase delta) (R-PTP-delta) - Mus musculus (Mouse)	213316	17	0	36	0
Q61089	Frizzled-6 precursor (Fz-6) (mFz6) - Mus musculus (Mouse)	80740	17	17	17	7

Q9QZL0	Receptor-interacting serine/threonine-protein kinase 3 (EC 2.7.11.1) (RIP-like protein kinase 3) (Receptor-interacting protein 3) (RIP-3) (mRIP3) - Mus musculus (Mouse)	53816	17	0	8	0
Q9CRA5	Golgi phosphoprotein 3 (Coat-protein GPP34) - Mus musculus (Mouse)	34017	17	0	4	0
Q8VBY2	Calcium/calmodulin-dependent protein kinase kinase 1 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase alpha) (CaM-kinase kinase alpha) (CaM-KK alpha) (CaMKK alpha) (CaMKK 1) (CaM-kinase IV kinase) - Mus musculus (Mouse)	56430	17	0	8	0
P47740	Fatty aldehyde dehydrogenase (EC 1.2.1.3) (Aldehyde dehydrogenase, microsomal) (Aldehyde dehydrogenase family 3 member A2) (Aldehyde dehydrogenase 10) - Mus musculus (Mouse)	54364	17	0	7	0
Q9DB70	FUN14 domain-containing protein 1 - Mus musculus (Mouse)	17205	17	20	6	3
Q99K30	Epidermal growth factor receptor kinase substrate 8-like protein 2 (Epidermal growth factor receptor pathway substrate 8-related protein 2) (EPS8-like protein 2) - Mus musculus (Mouse)	82691	17	0	9	0
O35310	Heparan sulfate glucosamine 3-O-sulfotransferase 1 precursor (EC 2.8.2.23) (Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1) (Heparan sulfate 3-O-sulfotransferase 1) - Mus musculus (Mouse)	35991	17	18	7	9
Q8K0B2	LMBR1 domain-containing protein 1 (Protein N90b) - Mus musculus (Mouse)	61707	17	0	3	0
O08970	Tuftelin - Mus musculus (Mouse)	44720	17	0	13	0
Q8VBT0	Thioredoxin domain-containing protein 1 precursor - Mus musculus (Mouse)	31775	17	0	3	0

Q8BXR9	Oxysterol-binding protein-related protein 6 (OSBP-related protein 6) (ORP-6) - Mus musculus (Mouse)	109992	17	0	30	0
Q9CPY3	Sororin (Cell division cycle-associated protein 5) - Mus musculus (Mouse)	29144	17	18	27	59
P97864	Caspase-7 precursor (EC 3.4.22.-) (CASP-7) (LICE2 cysteine protease) (Apoptotic protease Mch-3) [Contains: Caspase-7 subunit p20; Caspase-7 subunit p11] - Mus musculus (Mouse)	34666	17	0	5	0
Q9JLB4	Cubilin precursor (Intrinsic factor-cobalamin receptor) - Mus musculus (Mouse)	407652	17	17	11	16
Q9CPW4	Actin-related protein 2/3 complex subunit 5 (ARP2/3 complex 16 kDa subunit) (p16-ARC) - Mus musculus (Mouse)	16335	17	0	9	0
Q9D9W6	Uncharacterized protein C6orf146 homolog - Mus musculus (Mouse)	47253	17	16	14	8
Q8VBX6	Multiple PDZ domain protein (Multi-PDZ domain protein 1) - Mus musculus (Mouse)	220115	17	29	38	28
Q8CHB8	Tubulin--tyrosine ligase-like protein 5 - Mus musculus (Mouse)	148465	17	0	16	0
Q9JJF3	Nucleolar protein 66 - Mus musculus (Mouse)	67830	17	0	18	0
O09126	Semaphorin-4D precursor (Semaphorin J) (Sema J) (Semaphorin C-like 2) (M-Sema G) - Mus musculus (Mouse)	96965	17	0	25	0
Q9DAT5	tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase (EC 2.1.1.61) - Mus musculus (Mouse)	47780	17	0	3	0
Q8K2C6	NAD-dependent deacetylase sirtuin-5 (EC 3.5.1.-) (SIR2-like protein 5) - Mus musculus (Mouse)	34854	17	0	2	0
Q2VLH6	Scavenger receptor cysteine-rich type 1 protein M130 precursor (CD163 antigen) [Contains: Soluble CD163 (sCD163)] - Mus musculus (Mouse)	125095	17	15	9	12

P55041	GTP-binding protein GEM (GTP-binding mitogen-induced T-cell protein) (RAS-like protein KIR) - Mus musculus (Mouse)	34160	17	16	12	5
Q925T6	Glutamate receptor-interacting protein 1 (GRIP1 protein) - Mus musculus (Mouse)	122894	17	0	34	0
P30415	NK-tumor recognition protein (Natural-killer cells cyclophilin-related protein) (NK-TR protein) - Mus musculus (Mouse)	164425	17	0	15	0
Q9JMA1	Ubiquitin carboxyl-terminal hydrolase 14 (EC 3.1.2.15) (Ubiquitin thioesterase 14) (Ubiquitin-specific-processing protease 14) (Deubiquitinating enzyme 14) - Mus musculus (Mouse)	56422	17	22	6	4
Q8BHI9	Serine/threonine-protein kinase NIM1 (EC 2.7.11.1) - Mus musculus (Mouse)	50145	17	0	3	0
Q00342	FL cytokine receptor precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor flk-2) (Fetal liver kinase 2) (Tyrosine-protein kinase FLT3) (CD135 antigen) - Mus musculus (Mouse)	114506	17	34	7	10
P10284	Homeobox protein Hox-B4 (Hox-2.6) - Mus musculus (Mouse)	27844	17	0	2	0
Q9Z1X4	Interleukin enhancer-binding factor 3 - Mus musculus (Mouse)	96360	17	0	13	0
Q8K330	Protein phosphatase Slingshot homolog 3 (EC 3.1.3.48) (EC 3.1.3.16) (SSH-3L) (mSSH-3L) - Mus musculus (Mouse)	72468	17	17	71	76
Q60767	Lymphocyte antigen 75 precursor (Ly-75) (DEC-205) (CD205 antigen) - Mus musculus (Mouse)	200827	17	16	21	26
P51612	DNA-repair protein complementing XP-C cells homolog (Xeroderma pigmentosum group C-complementing protein homolog) (p125) - Mus musculus (Mouse)	105540	17	0	9	0

P97751	Vasoactive intestinal polypeptide receptor 1 precursor (VIP-R-1) (VPAC1) (Pituitary adenylate cyclase-activating polypeptide type II receptor) (PACAP type II receptor) (PACAP-R-2) - Mus musculus (Mouse)	53031	17	0	8	0
Q60780	Growth-arrest-specific protein 7 (GAS-7) - Mus musculus (Mouse)	48428	17	0	13	0
Q6ZQJ5	DNA2-like helicase (EC 3.6.1.-) (DNA replication ATP-dependent helicase-like homolog) - Mus musculus	120683	17	0	15	0
P09528	Ferritin heavy chain (EC 1.16.3.1) (Ferritin H subunit) - Mus musculus (Mouse)	21224	17	0	8	0
Q9WVA3	Mitotic checkpoint protein BUB3 (WD repeat type I transmembrane protein A72.5) - Mus musculus (Mouse)	37360	17	42	2	4
Q9Z1K5	Protein ariadne-1 homolog (ARI-1) (Ubiquitin-conjugating enzyme E2-binding protein 1) (UbcH7-binding protein) (UbcM4-interacting protein 77) - Mus musculus (Mouse)	65799	17	0	5	0
Q923P0	Collagen alpha-1(XX) chain (Fragment) - Mus musculus (Mouse)	81368	17	0	12	0
O89019	Inversin (Inversion of embryo turning protein) (Nephrocystin-2) - Mus musculus (Mouse)	118481	17	26	11	5
Q9CWV7	Zinc finger SWIM domain-containing protein 1 - Mus musculus (Mouse)	52075	17	0	6	0
P02319	Sperm protamine-P1 (Cysteine-rich protamine) - Mus musculus (Mouse)	7467	17	0	3	0
Q3V125	Cancer/testis antigen KM-HN-1 homolog - Mus musculus (Mouse)	96809	17	0	17	0
P52592	Sphingosine 1-phosphate receptor Edg-5 (S1P receptor Edg-5) (Lysophospholipid receptor B2) (Endothelial differentiation G-protein coupled receptor 5) (Sphingosine 1-phosphate receptor 2) (S1P2) - Mus musculus (Mouse)	39416	17	0	6	0

Q99J39	Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD) - Mus musculus (Mouse)	55272	17	0	8	0
Q9JLV1	BAG family molecular chaperone regulator 3 (BCL-2-binding athanogene-3) (BAG-3) (Bcl-2-binding protein Bis) - Mus musculus (Mouse)	62018	17	0	6	0
P25962	Beta-3 adrenergic receptor (Beta 3 adrenoceptor) (Beta-3 adrenoreceptor) - Mus musculus (Mouse)	43549	17	0	4	0
Q8BHK2	Sodium channel subunit beta-3 precursor - Mus musculus (Mouse)	25115	17	0	3	0
Q9R1E0	Forkhead box protein O1A (Forkhead in rhabdomyosarcoma) - Mus musculus (Mouse)	69914	17	0	4	0
Q99N32	Beta klotho (BetaKlotho) (Klotho beta-like protein) - Mus musculus (Mouse)	120854	17	20	25	22
Q9WTR0	Matrix metalloproteinase-16 precursor (EC 3.4.24.-) (MMP-16) (Membrane-type matrix metalloproteinase 3) (MT-MMP3) (MTMMP3) (Membrane-type-3 matrix metalloproteinase) (MT3-MMP) (MT3MMP) - Mus musculus (Mouse)	70094	17	36	11	10
Q9DC53	Copine-8 (Copine VIII) - Mus musculus (Mouse)	63653	17	0	10	0
Q9JJA7	Cyclin-L2 (Cyclin Ania-6b) (Paneth cell-enhanced expression protein) (PCEE) - Mus musculus (Mouse)	58539	17	0	9	0
Q9Z140	Copine-6 (Copine VI) (Neuronal-copine) (N-copine) - Mus musculus (Mouse)	62597	17	0	8	0
Q1RLL3	Copine-9 (Copine IX) - Mus musculus (Mouse)	62269	17	0	18	0
Q8JZW4	Copine-5 (Copine V) - Mus musculus (Mouse)	66121	17	0	5	0
P59108	Copine-2 (Copine II) - Mus musculus (Mouse)	61681	17	0	7	0
Q8BLR2	Copine-4 (Copine IV) - Mus musculus (Mouse)	63223	17	0	5	0
Q8R1F0	Leydig cell tumor 10 kDa protein homolog - Mus musculus (Mouse)	10191	17	0	1	0

Q9EST3	Eukaryotic translation initiation factor 4E transporter (eIF4E transporter) (4E-T) (Eukaryotic translation initiation factor 4E nuclear import factor 1) - Mus musculus (Mouse)	108203	17	0	24	0
Q99M28	RNA-binding protein with serine-rich domain 1 - Mus musculus (Mouse)	34188	17	0	8	0
P25918	B-lymphocyte antigen CD19 precursor (Differentiation antigen CD19) - Mus musculus	60582	17	0	1	0
O70372	Telomerase reverse transcriptase (EC 2.7.7.49) (Telomerase catalytic subunit) - Mus musculus (Mouse)	129892	17	0	12	0
P97368	Homeobox protein Meis3 (Meis1-related protein 2) - Mus musculus (Mouse)	42186	17	0	1	0
Q9JJJ7	Probable protein-cysteine N-palmitoyltransferase porcupine (EC 2.3.1.-) (mPORC) - Mus musculus (Mouse)	53101	17	0	5	0
P59481	VIP36-like protein precursor (Lectin, mannose-binding 2-like) (LMAN2-like protein) - Mus musculus (Mouse)	40027	17	0	3	0
Q61584	Fragile X mental retardation syndrome-related protein 1 (mFxr1p) - Mus musculus (Mouse)	76517	17	16	33	38
Q8K440	ATP-binding cassette sub-family A member 8-B - Mus musculus (Mouse)	184347	17	0	13	0
Q05915	GTP cyclohydrolase I precursor (EC 3.5.4.16) (GTP-CH-I) - Mus musculus (Mouse)	27168	17	0	34	0
Q6PD10	Inositol hexaphosphate kinase 1 (EC 2.7.4.21) (InsP6 kinase 1) (Inositol hexakisphosphate kinase 1) - Mus musculus (Mouse)	49902	17	0	3	0
P20334	Tumor necrosis factor receptor superfamily member 9 precursor (4-1BB ligand receptor) (T-cell antigen 4-1BB) (CD137 antigen) - Mus musculus (Mouse)	29005	17	17	3	4
Q8C0N1	Kinesin-like protein KIF2B - Mus musculus (Mouse)	76333	17	26	8	8

Q9Z129	ATP-dependent DNA helicase Q1 (EC 3.6.1.-) (DNA-dependent ATPase Q1) - Mus musculus (Mouse)	73475	17	27	13	22
P97433	Rho-guanine nucleotide exchange factor (Rho-interacting protein 2) (RhoGEF) (RIP2) - Mus musculus (Mouse)	192146	17	27	10	5
P47856	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 1 (EC 2.6.1.16) (Hexosephosphate aminotransferase 1) (D-fructose-6-phosphate amidotransferase 1) (GFAT 1) (GFAT1) - Mus musculus (Mouse)	79287	17	29	17	13
Q9R0L1	Heat shock factor protein 4 (HSF 4) (Heat shock transcription factor 4) (HSTF 4) (mHSF4) - Mus musculus (Mouse)	53564	17	0	7	0
P70352	Ecto-ADP-ribosyltransferase 5 precursor (EC 2.4.2.31) (NAD(P)(+)--arginine ADP-ribosyltransferase 5) (Mono(ADP ribosyl)transferase 5) (YAC-2) - Mus musculus (Mouse)	34593	17	0	3	0
Q8C7D2	Protein cereblon (Protein PiL) - Mus musculus (Mouse)	51703	17	29	6	3
O35239	Tyrosine-protein phosphatase non-receptor type 9 (EC 3.1.3.48) (Protein-tyrosine phosphatase MEG2) (PTPase-MEG2) - Mus musculus (Mouse)	68554	17	29	2	4
O35618	Mdm4 protein (p53-binding protein Mdm4) (Mdm2-like p53-binding protein) (Mdmx protein) (Double minute 4 protein) - Mus musculus (Mouse)	56041	17	29	5	6
Q99MV7	RING finger protein 17 - Mus musculus (Mouse)	71122	17	0	10	0
Q6PHN9	Ras-related protein Rab-35 - Mus musculus (Mouse)	23296	17	59	3	2
P61028	Ras-related protein Rab-8B - Mus musculus (Mouse)	23759	17	59	4	5
P55258	Ras-related protein Rab-8A (Oncogene c-mel) - Mus musculus (Mouse)	23824	17	0	4	0

Q8BTW8	CDK5 regulatory subunit-associated protein 1 (CDK5 activator-binding protein C42) - Mus musculus (Mouse)	66980	17	15	7	6
P42208	Septin-2 (Protein NEDD5) (Neural precursor cell expressed developmentally down-regulated protein 5) - Mus musculus (Mouse)	41727	17	0	6	0
Q3TX51	Leucine-rich repeat-containing protein 28 - Mus musculus (Mouse)	42620	17	15	5	7
P52293	Importin alpha-2 subunit (Karyopherin alpha-2 subunit) (SRP1-alpha) (RAG cohort protein 1) (Pendulin) (Pore targeting complex 58 kDa subunit) (PTAC58) (Importin alpha P1) - Mus musculus (Mouse)	58234	17	0	6	0
Q68FF6	ARF GTPase-activating protein GIT1 (G protein-coupled receptor kinase-interactor 1) (GRK-interacting protein 1) - Mus musculus (Mouse)	86046	17	24	9	8
Q8VDM6	Heterogeneous nuclear ribonucleoprotein U-like protein 1 - Mus musculus (Mouse)	96513	17	20	11	11
P53564	Homeobox protein cut-like 1 (CCAAT displacement protein) (CDP) (Homeobox protein Cux) - Mus musculus (Mouse)	165951	17	19	20	25
Q9Z1B3	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (Phospholipase C-beta-1) (PLC-beta-1) (PLC-I) (PLC-154) - Mus musculus (Mouse)	139093	17	0	11	0
Q91Z92	Beta-1,3-galactosyltransferase 6 (EC 2.4.1.134) (Beta 3GalT6) (Galactosylxylosylprotein 3-beta-galactosyltransferase) (UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6) (Galactosyltransferase II) (GAG GalTII) - Mus musculus (Mouse)	37397	17	0	4	0

O09008	Beta-1,3-N-acetylglucosaminyltransferase manic fringe (EC 2.4.1.222) (O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase) - Mus musculus (Mouse)	36747	17	0	5	0
Q7TPN3	GPI mannosyltransferase 2 (EC 2.4.1.-) (GPI mannosyltransferase II) (GPI-MT-II) (Phosphatidylinositol-glycan biosynthesis class V protein) (PIG-V) - Mus musculus (Mouse)	56073	17	16	9	7
Q5SX39	Myosin-4 (Myosin heavy chain 4) (Myosin heavy chain 2b) (MyHC-2b) - Mus musculus (Mouse)	223632	17	0	42	0
Q5SX40	Myosin-1 (Myosin heavy chain 1) (Myosin heavy chain 2x) (MyHC-2x) (Myosin heavy chain, skeletal muscle, adult 1) - Mus musculus (Mouse)	224116	17	0	20	0
Q62077	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 1 (EC 3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-1) (Phospholipase C-gamma-1) (PLC-II) (PLC-148) - Mus musculus (Mouse)	150999	17	18	12	10
Q9CQM9	Thioredoxin-like protein 2 (PKC-interacting cousin of thioredoxin) (PKC-theta-interacting protein) (PKCq-interacting protein) - Mus musculus (Mouse)	38039	17	77	3	11
Q6GQV7	Erythroid differentiation-related factor 1 - Mus musculus (Mouse)	140343	17	0	15	0
P15508	Spectrin beta chain, erythrocyte (Beta-I spectrin) - Mus musculus (Mouse)	245897	17	0	27	0
Q61496	Probable ATP-dependent RNA helicase DDX4 (EC 3.6.1.-) (DEAD box protein 4) (VASA homolog) (Mvh) - Mus musculus (Mouse)	77278	17	25	44	56
Q9CXE0	PR domain zinc finger protein 5 (PR domain-containing protein 5) - Mus musculus (Mouse)	71293	17	17	25	26

P04443	Hemoglobin subunit beta-H0 (Hemoglobin beta-H0 chain) (Beta-H0-globin) - Mus musculus (Mouse)	16431	17	0	11	0
Q8BUG5	Calcyphosin-2 (Calcyphosine-2) - Mus musculus (Mouse)	63168	17	28	8	12
Q9D2N4	Dystrobrevin alpha (Alpha-dystrobrevin) - Mus musculus (Mouse)	84794	17	0	11	0
Q6NVF9	Cleavage and polyadenylation specificity factor 6 - Mus musculus (Mouse)	59287	17	16	7	4
Q9JHB4	WD repeat protein 31 (Spermatid WD repeat protein) (spWD) - Mus musculus (Mouse)	41303	17	0	2	0
Q8VE09	TPR repeat-containing protein C18orf17 homolog - Mus musculus (Mouse)	66373	17	0	9	0
Q9CXB8	Alpha-protein kinase 1 (EC 2.7.11.-) (Lymphocyte alpha-protein kinase) - Mus musculus (Mouse)	137531	17	0	17	0
Q99J94	Solute carrier organic anion transporter family member 1A6 (Solute carrier family 21 member 13) (Kidney-specific organic anion-transporting polypeptide 5) (OATP-5) - Mus musculus (Mouse)	75806	17	0	7	0
Q07563	Collagen alpha-1(XVII) chain (Bullous pemphigoid antigen 2) (180 kDa bullous pemphigoid antigen 2) - Mus musculus (Mouse)	148402	17	15	11	14
Q5YD48	APOBEC1 complementation factor (APOBEC1-stimulating protein) - Mus musculus (Mouse)	65969	17	0	10	0
P98078	Disabled homolog 2 (DOC-2) (Mitogen-responsive phosphoprotein) - Mus musculus (Mouse)	82432	17	0	21	0
Q9JJT9	RNA U small nuclear RNA export adapter protein (Phosphorylated adapter RNA export protein) - Mus musculus (Mouse)	43392	17	0	6	0
Q8K485	BTB/POZ domain-containing protein KCTD11 - Mus musculus (Mouse)	26397	17	19	12	11

Q6PFD7	Uncharacterized protein C9orf90 homolog - Mus musculus (Mouse)	35358	17	0	5	0
Q08091	Calponin-1 (Calponin H1, smooth muscle) (Basic calponin) - Mus musculus (Mouse)	33506	16	0	14	0
Q9ER64	Oxysterol-binding protein-related protein 5 (OSBP-related protein 5) (ORP-5) (Oxysterol-binding protein homolog 1) - Mus musculus (Mouse)	100057	16	0	12	0
Q9CXF4	TBC1 domain family member 15 - Mus musculus (Mouse)	77447	16	0	6	0
Q8BGP5	Transmembrane protein 127 - Mus musculus (Mouse)	26160	16	0	7	0
Q68EF6	Brain-enriched guanylate kinase-associated protein - Mus musculus (Mouse)	65839	16	0	11	0
Q8BY16	Acyltransferase-like 1-A (EC 2.3.1.-) - Mus musculus (Mouse)	60900	16	18	9	8
P30678	Guanine nucleotide-binding protein alpha-15 subunit (G alpha-15) - Mus musculus (Mouse)	44021	16	0	6	0
Q8BMK0	Coiled-coil domain-containing protein 21 - Mus musculus (Mouse)	86085	16	0	8	0
Q8BW72	JmjC domain-containing histone demethylation protein 3A (EC 1.14.11.-) (Jumonji domain-containing protein 2A) - Mus musculus (Mouse)	122166	16	16	8	10
P15089	Mast cell carboxypeptidase A precursor (EC 3.4.17.1) (MC-CPA) (Carboxypeptidase A3) - Mus musculus (Mouse)	49044	16	0	10	0
Q9CPR5	39S ribosomal protein L15, mitochondrial precursor (L15mt) (MRP-L15) - Mus musculus (Mouse)	33692	16	0	8	0
Q91X44	Glucokinase regulatory protein (Glucokinase regulator) - Mus musculus (Mouse)	65095	16	0	7	0
Q99JW2	Aminoacylase-1 (EC 3.5.1.14) (N-acyl-L-amino-acid amidohydrolase) (ACY-1) - Mus musculus (Mouse)	45980	16	17	5	8

P41438	Folate transporter 1 (Solute carrier family 19 member 1) (Intestinal folate carrier protein) (IFC-1) (Reduced folate carrier 1) (RFC1) (RFC-1) - Mus musculus (Mouse)	58911	16	19	4	3
Q8K298	Actin-binding protein anillin - Mus musculus (Mouse)	124201	16	28	17	23
Q3TCT4	Ectonucleoside triphosphate diphosphohydrolase 7 (EC 3.6.1.-) (NTPDase 7) (Lysosomal apyrase-like protein 1) - Mus musculus (Mouse)	69557	16	33	42	80
Q6PGF7	Exocyst complex component 8 (Exocyst complex 84 kDa subunit) - Mus musculus (Mouse)	81668	16	0	25	0
Q80XE1	Synembryn-B (Protein Ric-8B) - Mus musculus (Mouse)	64110	16	0	14	0
Q80Y81	Zinc phosphodiesterase ELAC protein 2 (EC 3.1.26.11) (Ribonuclease Z 2) (RNase Z 2) (tRNase Z 2) (tRNA 3 endonuclease 2) (ElaC homolog protein 2) - Mus musculus (Mouse)	93972	16	0	6	0
Q64151	Semaphorin-4C precursor (Semaphorin I) (Sema I) (Semaphorin C-like 1) (M-Sema F) - Mus musculus (Mouse)	93638	16	0	18	0
Q9QY53	Nephrocystin-1 - Mus musculus (Mouse)	77501	16	17	37	35
Q8CJ40	Rootletin (Ciliary rootlet coiled-coil protein) - Mus musculus (Mouse)	227349	16	21	35	31
Q61017	Guanine nucleotide-binding protein G(I)/G(S)/G(O) gamma-T2 subunit precursor (G gamma-C) (G-gamma-8) - Mus musculus (Mouse)	7854	16	0	3	0
Q8VCT3	Aminopeptidase B (EC 3.4.11.6) (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) (Cytosol aminopeptidase IV) - Mus musculus (Mouse)	72981	16	0	4	0
Q8C784	Uncharacterized protein C16orf52 homolog - Mus musculus (Mouse)	18580	16	0	2	0
Q6PAJ1	Breakpoint cluster region protein (EC 2.7.11.1) - Mus musculus (Mouse)	143941	16	0	15	0

Q8BKV1	Glypican-2 precursor - Mus musculus (Mouse)	64160	16	0	5	0
Q9Z282	Probable G-protein coupled receptor 132 (G2 accumulation protein) - Mus musculus (Mouse)	43651	16	0	1	0
Q8VDQ8	NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like protein 2) (mSIR2L2) - Mus musculus (Mouse)	43856	16	0	10	0
Q8BUL5	Kelch-like protein 7 - Mus musculus (Mouse)	67035	16	0	5	0
Q8VCM2	NADPH oxidase organizer 1 (Nox organizer 1) (Sorting nexin-28) - Mus musculus (Mouse)	39259	16	0	7	0
Q08122	Transducin-like enhancer protein 3 (ESG) (Grg-3) - Mus musculus (Mouse)	84072	16	0	4	0
Q3UA16	Kinetochores protein Spc25 - Mus musculus (Mouse)	26555	16	81	6	15
Q60520	Paired amphipathic helix protein Sin3a (Transcriptional corepressor Sin3a) (Histone deacetylase complex subunit Sin3a) - Mus musculus (Mouse)	146889	16	20	14	8
P59941	Mono-ADP-ribosyltransferase sirtuin-6 (EC 2.4.2.31) (SIR2-like protein 6) - Mus musculus (Mouse)	37295	16	0	8	0
Q80Y75	DnaJ homolog subfamily B member 13 (Testis spermatocyte apoptosis-related gene 6 protein) (Testis and spermatogenesis cell-related protein 6) (Testis spermatogenesis apoptosis-related gene 6 protein) (Testis spermatogenesis apoptosis-related gene 3)	36303	16	15	17	17
Q8R323	Replication factor C subunit 3 (Replication factor C 38 kDa subunit) (RFC38) (Activator 1 38 kDa subunit) (A1 38 kDa subunit) (RF-C 38 kDa subunit) - Mus musculus (Mouse)	41241	16	0	28	0
Q4KMM3	Oxidation resistance protein 1 (Protein C7) - Mus musculus (Mouse)	83364	16	15	9	14
Q80UK8	Integrator complex subunit 2 (Int2) - Mus musculus (Mouse)	135254	16	27	24	24

P05532	Mast/stem cell growth factor receptor precursor (EC 2.7.10.1) (SCFR) (Proto-oncogene tyrosine-protein kinase Kit) (c-kit) (CD117 antigen) - Mus musculus (Mouse)	110186	16	35	12	7
Q9ESN6	Tripartite motif-containing protein 2 (Neural activity-related RING finger protein) - Mus musculus (Mouse)	82420	16	0	5	0
Q8C0G2	TRAF3-interacting JNK-activating modulator (TRAF3-interacting protein 3) - Mus musculus (Mouse)	58927	16	0	5	0
P42227	Signal transducer and activator of transcription 3 (Acute-phase response factor) - Mus musculus (Mouse)	88796	16	28	33	27
Q62376	U1 small nuclear ribonucleoprotein 70 kDa (U1 SNRNP 70 kDa) (snRNP70) - Mus musculus (Mouse)	52018	16	16	7	6
Q4VC17	ADAMTS-18 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 18) (ADAM-TS 18) (ADAM-TS18) - Mus musculus (Mouse)	139589	16	23	8	16
O70326	Gremlin-1 precursor (Cysteine knot superfamily 1, BMP antagonist 1) (Down-regulated in Mos-transformed cells protein) - Mus musculus (Mouse)	21210	16	0	3	0
Q8BZ81	Leucine-rich repeat transmembrane neuronal protein 3 precursor - Mus musculus (Mouse)	66844	16	15	29	18
Q8K377	Leucine-rich repeat transmembrane neuronal protein 1 precursor - Mus musculus (Mouse)	59763	16	0	2	0
Q08619	Interferon-activable protein 205 (IFI-205) (D3 protein) - Mus musculus (Mouse)	47587	16	0	2	0
Q99KD5	UNC45 homolog A (UNC-45A) (Stromal membrane-associated protein 1) (Smap-1) - Mus musculus (Mouse)	104579	16	0	26	0
Q9WVE0	Activation-induced cytidine deaminase (EC 3.5.4.5) (Cytidine aminohydrolase) - Mus musculus (Mouse)	24471	16	15	6	3

P97303	Transcription regulator protein BACH2 (BTB and CNC homolog 2) - Mus musculus (Mouse)	80653	16	0	6	0
Q6JPI3	Thyroid hormone receptor-associated protein 2 (Thyroid hormone receptor-associated protein complex 240 kDa component-like) - Mus musculus (Mouse)	244569	16	15	4	7
O35607	Bone morphogenetic protein receptor type-2 precursor (EC 2.7.11.30) (Bone morphogenetic protein receptor type II) (BMP type II receptor) (BMPR-II) (BRK-3) - Mus musculus (Mouse)	116259	16	0	9	0
P63005	Platelet-activating factor acetylhydrolase IB subunit alpha (PAF acetylhydrolase 45 kDa subunit) (PAF-AH 45 kDa subunit) (PAF-AH alpha) (PAFAH alpha) (Lissencephaly-1 protein) (LIS-1) - Mus musculus (Mouse)	47210	16	19	9	18
Q9CRD2	Tetratricopeptide repeat protein KIAA0103 - Mus musculus (Mouse)	35083	16	0	4	0
P70275	Semaphorin-3E precursor (Semaphorin H) (Sema H) - Mus musculus (Mouse)	90643	16	0	8	0
Q5SW75	Protein phosphatase Slingshot homolog 2 (EC 3.1.3.48) (EC 3.1.3.16) (SSH-2L) (mSSH-2L) - Mus musculus (Mouse)	160069	16	0	7	0
P59997	JmjC domain-containing histone demethylation protein 1A (EC 1.14.11.27) ([Histone-H3]-lysine-36 demethylase 1A) (F-box/LRR-repeat protein 11) (F-box and leucine-rich repeat protein 11) - Mus musculus (Mouse)	134989	16	0	11	0
O88910	MAGUK p55 subfamily member 3 (Protein MPP3) (Dlgh3 protein) - Mus musculus (Mouse)	64774	16	19	13	12
Q810U3	Neurofascin precursor - Mus musculus (Mouse)	138688	16	0	12	0
P0C090	Membrane-associated nucleic acid-binding protein - Mus musculus (Mouse)	132411	16	14	28	18

Q64323	N-acetylglucosaminyl-phosphatidylinositol biosynthetic protein (GlcNAc-PI synthesis protein) (Phosphatidylinositol-glycan biosynthesis class A protein) (PIG-A) - Mus musculus (Mouse)	55061	16	0	13	0
Q6H1V1	Bestrophin-3 (Vitelliform macular dystrophy 2-like protein 3) - Mus musculus (Mouse)	76668	16	0	4	0
Q60680	Inhibitor of nuclear factor kappa-B kinase subunit alpha (EC 2.7.11.10) (I kappa-B kinase alpha) (IkbKA) (IKK-alpha) (IKK-A) (IkappaB kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor NF-kappa-B inhib	85815	16	0	14	0
Q88351	Inhibitor of nuclear factor kappa-B kinase subunit beta (EC 2.7.11.10) (I-kappa-B-kinase beta) (IkbKB) (IKK-beta) (IKK-B) (I-kappa-B kinase 2) (IKK2) (Nuclear factor NF-kappa-B inhibitor kinase beta) (NFKBIKB) - Mus musculus (Mouse)	87775	16	0	6	0
Q9JL25	Regulator of G-protein signaling 1 (RGS1) - Mus musculus (Mouse)	22709	16	0	6	0
Q9EQW7	Kinesin-like protein KIF13A - Mus musculus (Mouse)	197288	16	18	41	46
Q60603	Potassium voltage-gated channel subfamily H member 1 (Voltage-gated potassium channel subunit Kv10.1) (Ether-a-go-go potassium channel 1) (EAG1) (m-eag) - Mus musculus (Mouse)	112326	16	19	19	27
Q920E3	Potassium voltage-gated channel subfamily H member 5 (Voltage-gated potassium channel subunit Kv10.2) (Ether-a-go-go potassium channel 2) (Eag2) - Mus musculus (Mouse)	112851	16	0	19	0

Q54941	SWI/SNF-related matrix-associated actin-dependent regulator chromatin subfamily E member 1 (BRG1-associated factor 57) - Mus musculus (Mouse)	46667	16	0	8	0
Q8VIG0	Zinc finger CCHC domain-containing protein 14 (BDG-29) - Mus musculus (Mouse)	100913	16	0	5	0
Q8VEM9	Kelch domain-containing protein 3 (Protein Peas) (Testis intracellular mediator protein) - Mus musculus (Mouse)	43795	16	0	28	0
Q80U44	Zinc finger FYVE domain-containing protein 16 (Endofin) (Endosomal-associated FYVE domain protein) - Mus musculus (Mouse)	169473	16	0	11	0
O70306	T-box transcription factor TBX15 (T-box protein 15) (MmTBx8) - Mus musculus (Mouse)	66220	16	0	9	0
Q08890	Iduronate 2-sulfatase precursor (EC 3.1.6.13) (Alpha-L-iduronate sulfate sulfatase) - Mus musculus (Mouse)	62532	16	0	8	0
Q91XW8	FK506-binding protein 6 (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (36 kDa FK506-binding protein) (FKBP-36) (Immunophilin FKBP36) - Mus musculus (Mouse)	37671	16	0	5	0
Q35678	Monoglyceride lipase (EC 3.1.1.23) (MGL) - Mus musculus (Mouse)	33708	16	0	1	0
Q8VIJ6	Splicing factor, proline- and glutamine-rich (Polypyrimidine tract-binding protein-associated-splicing factor) (PTB-associated-splicing factor) (PSF) (DNA-binding p52/p100 complex, 100 kDa subunit) - Mus musculus (Mouse)	75508	16	0	9	0
O55176	E3 ubiquitin-protein ligase Praja1 (EC 6.3.2.-) - Mus musculus (Mouse)	64608	16	0	9	0

Q9R0P9	Ubiquitin carboxyl-terminal hydrolase isozyme L1 (EC 3.4.19.12) (EC 6.-.-.-) (UCH-L1) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) - Mus musculus (Mouse)	25165	16	17	4	3
P52332	Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1) - Mus musculus (Mouse)	135163	16	0	21	0
O09100	Endothelial transcription factor GATA-2 (GATA-binding protein 2) - Mus musculus (Mouse)	51177	16	18	13	14
Q6GQT1	Alpha-2-macroglobulin-P precursor (Alpha-2-macroglobulin) - Mus musculus (Mouse)	165648	16	0	13	0
Q641K5	NUAK family SNF1-like kinase 1 (EC 2.7.11.1) - Mus musculus (Mouse)	74129	16	0	7	0
Q8K561	Otoancorin precursor - Mus musculus (Mouse)	127547	16	0	11	0
Q9D1P0	39S ribosomal protein L13, mitochondrial (L13mt) (MRP-L13) - Mus musculus (Mouse)	20721	16	0	5	0
Q80VW5	Whirlin - Mus musculus (Mouse)	96641	16	0	16	0
Q99PV5	Class B basic helix-loop-helix protein 3 (bHLHB3) (Differentially expressed in chondrocytes protein 2) (mDEC2) - Mus musculus (Mouse)	44375	16	20	9	21
O35185	Class B basic helix-loop-helix protein 2 (bHLHB2) (E47 interaction protein 1) (eipl) (Stimulated by retinoic acid gene 13 protein) - Mus musculus (Mouse)	45732	16	0	12	0
Q9WV34	MAGUK p55 subfamily member 2 (Protein MPP2) (Dlgh2 protein) - Mus musculus (Mouse)	61802	16	0	49	0
Q9CZJ2	Heat shock 70 kDa protein 12B - Mus musculus (Mouse)	76812	16	0	19	0
Q9ESZ8	General transcription factor II-I (GTFII-I) (TFII-I) (Bruton tyrosine kinase-associated protein 135) (BTK-associated protein 135) (BAP-135) - Mus musculus (Mouse)	112708	16	16	22	21

Q5SUF2	Cisplatin resistance-associated overexpressed protein - Mus musculus (Mouse)	51818	16	0	7	0
P55012	Solute carrier family 12 member 2 (Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 1) (Basolateral Na-K-Cl symporter) - Mus musculus (Mouse)	131666	16	0	36	0
Q8R1B5	Complexin-3 (Complexin III) (CPX III) - Mus musculus (Mouse)	17632	16	29	2	4
Q9R0Z9	Rho GTPase-activating protein 7 (Rho-type GTPase-activating protein 7) (Deleted in liver cancer 1 protein homolog) (Dlc-1) (StAR-related lipid transfer protein 12) (StARD12) (START domain-containing protein 12) - Mus musculus (Mouse)	124487	16	0	18	0
Q64285	Bile salt-activated lipase precursor (EC 3.1.1.3) (EC 3.1.1.13) (BAL) (Bile salt-stimulated lipase) (BSSL) (Carboxyl ester lipase) (Sterol esterase) (Cholesterol esterase) (Pancreatic lysophospholipase) - Mus musculus (Mouse)	66170	16	0	10	0
O88509	DNA (cytosine-5)-methyltransferase 3B (EC 2.1.1.37) (Dnmt3b) (DNA methyltransferase MmullIB) (DNA MTase MmullIB) (M.MmullIB) - Mus musculus (Mouse)	98592	16	0	23	0
Q8VE73	Cullin-7 (CUL-7) (p185) (p193) - Mus musculus (Mouse)	193824	16	0	14	0
Q8BYJ6	TBC1 domain family member 4 (Akt substrate of 160 kDa) (AS160) - Mus musculus (Mouse)	148954	16	0	20	0
P11087	Collagen alpha-1(I) chain precursor - Mus musculus (Mouse)	138974	16	0	17	0
P41778	Pre-B-cell leukemia transcription factor 1 (Homeobox protein PBX1) - Mus musculus (Mouse)	46882	16	0	7	0

Q9Z315	U4/U6.U5 tri-snRNP-associated protein 1 (Squamous cell carcinoma antigen recognized by T-cells 1) (SART-1) (mSART-1) (Hypoxia-associated factor) - Mus musculus (Mouse)	91001	16	0	20	0
Q9EPR5	VPS10 domain-containing receptor SorCS2 precursor - Mus musculus (Mouse)	129875	16	0	10	0
Q61292	Laminin subunit beta-2 precursor (S-laminin) (S-LAM) - Mus musculus (Mouse)	203353	16	0	20	0
Q8BMB0	Protein EMSY - Mus musculus (Mouse)	135550	16	0	15	0
Q91W40	Kinesin light chain 3 - Mus musculus (Mouse)	56200	16	0	23	0
Q921M3	Splicing factor 3B subunit 3 (Spliceosome-associated protein 130) (SAP 130) (SF3b130) (Pre-mRNA-splicing factor SF3b 130 kDa subunit) - Mus musculus (Mouse)	136548	16	34	24	27
Q8BLN6	Uncharacterized protein C2orf21 homolog - Mus musculus (Mouse)	44877	16	0	4	0
Q91WR3	Activating signal cointegrator 1 complex subunit 2 (ASC-1 complex subunit p100) (Trip4 complex subunit p100) - Mus musculus (Mouse)	86226	16	0	7	0
Q80WG5	Leucine-rich repeat-containing protein 8A - Mus musculus (Mouse)	94972	16	0	8	0
Q8BGR9	Ubiquitin-like domain-containing CTD phosphatase 1 (EC 3.1.3.16) - Mus musculus (Mouse)	36927	16	0	9	0
Q8BKZ9	Pyruvate dehydrogenase protein X component, mitochondrial precursor (Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex) (Lipoyl-containing pyruvate dehydrogenase complex component X) - Mus musculus (Mouse)	54250	16	0	4	0
Q8C159	Tetratricopeptide repeat protein 22 (TPR repeat protein 22) - Mus musculus (Mouse)	63688	16	0	8	0
Q91WM1	Spermatid perinuclear RNA-binding protein - Mus musculus (Mouse)	74342	16	15	14	14

Q6P9N1	Protein FAM126A (Down-regulated by CTNNB1 protein A) - Mus musculus (Mouse)	58069	16	0	5	0
Q64127	Transcription intermediary factor 1-alpha (TIF1-alpha) (Tripartite motif-containing protein 24) - Mus musculus (Mouse)	118636	16	0	26	0
P58468	Uncharacterized protein C21orf70 homolog - Mus musculus (Mouse)	24799	16	0	12	0
Q9EPT5	Solute carrier organic anion transporter family member 2A1 (Solute carrier family 21 member 2) (Prostaglandin transporter) (PGT) - Mus musculus (Mouse)	71356	16	0	5	0
Q8BUM3	Tyrosine-protein phosphatase non-receptor type 7 (EC 3.1.3.48) - Mus musculus (Mouse)	40839	16	15	6	3
Q8VHQ9	Acyl-coenzyme A thioesterase 11 (EC 3.1.2.-) (Acyl-CoA thioesterase 11) (Acyl-CoA thioester hydrolase 11) (Brown fat-inducible thioesterase) (BFIT) (Adipose-associated thioesterase) - Mus musculus (Mouse)	68167	16	0	7	0
Q9CWT6	Probable ATP-dependent RNA helicase DDX28 (EC 3.6.1.-) (Mitochondrial DEAD box protein 28) - Mus musculus (Mouse)	59734	16	0	13	0
Q3UZ39	Leucine-rich repeat flightless-interacting protein 1 (LRR FLII-interacting protein 1) (FLI-LRR-associated protein 1) (Flap-1) (H186 FLAP) - Mus musculus (Mouse)	79885	16	0	14	0
Q91WK0	Leucine-rich repeat flightless-interacting protein 2 (LRR FLII-interacting protein 2) - Mus musculus (Mouse)	47233	16	0	3	0
P97793	ALK tyrosine kinase receptor precursor (EC 2.7.10.1) (Anaplastic lymphoma kinase) (CD246 antigen) - Mus musculus (Mouse)	176975	16	0	11	0
Q5RJI4	Protein kinase-like protein SgK493 (Sugen kinase 493) - Mus musculus (Mouse)	33619	16	0	2	0

Q9Z1Q2	Protein BAT5 (HLA-B-associated transcript 5) - Mus musculus (Mouse)	63673	16	14	19	14
Q8R307	Vacuolar protein sorting-associated protein 18 - Mus musculus (Mouse)	111574	16	0	20	0
Q8BZ21	Histone acetyltransferase MYST3 (EC 2.3.1.48) (EC 2.3.1.-) (MYST protein 3) (MOZ, YBF2/SAS3, SAS2 and TIP60 protein 3) (Monocytic leukemia zinc finger protein) (Monocytic leukemia zinc finger homolog) - Mus musculus (Mouse)	227741	16	19	17	17
Q9WVL4	Rhodopsin kinase precursor (EC 2.7.11.14) (RK) (G protein-coupled receptor kinase 1) - Mus musculus (Mouse)	64366	16	22	5	6
P17809	Solute carrier family 2, facilitated glucose transporter member 1 (Glucose transporter type 1, erythrocyte/brain) (GT1) - Mus musculus (Mouse)	54242	15	20	7	7
P70207	Plexin-A2 precursor (Plexin-2) (Plex 2) - Mus musculus (Mouse)	213299	15	0	15	0
Q3V016	Homeodomain-interacting protein kinase 4 (EC 2.7.11.1) - Mus musculus (Mouse)	69748	15	0	4	0
P47791	Glutathione reductase, mitochondrial precursor (EC 1.8.1.7) (GR) (GRase) - Mus musculus (Mouse)	54256	15	0	8	0
P70218	Mitogen-activated protein kinase kinase kinase 1 (EC 2.7.11.1) (MAPK/ERK kinase kinase 1) (MEK kinase kinase 1) (MEKKK 1) (Hematopoietic progenitor kinase) (HPK) - Mus musculus (Mouse)	92674	15	0	11	0
P00186	Cytochrome P450 1A2 (EC 1.14.14.1) (CYPIA2) (P450-P2/P450-P3) - Mus musculus (Mouse)	58489	15	0	27	0
Q07456	AMBIP protein precursor [Contains: Alpha-1-microglobulin; Inter-alpha-trypsin inhibitor light chain (ITI-LC) (Bikunin) (HI-30)] - Mus musculus (Mouse)	39957	15	0	6	0

Q61194	Phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing alpha polypeptide (EC 2.7.1.154) (Phosphoinositide 3-Kinase-C2-alpha) (PtdIns-3-kinase C2 alpha) (PI3K-C2alpha) (Cpk-m) (p170) - Mus musculus (Mouse)	192462	15	20	35	28
P50284	Tumor necrosis factor receptor superfamily member 3 precursor (Lymphotoxin-beta receptor) - Mus musculus (Mouse)	46466	15	0	12	0
P70451	Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (p94-FER) (c-FER) - Mus musculus (Mouse)	95203	15	19	20	23
Q3U034	Methyltransferase-like protein 4 (EC 2.1.1.-) - Mus musculus (Mouse)	54184	15	0	15	0
P63038	60 kDa heat shock protein, mitochondrial precursor (Hsp60) (60 kDa chaperonin) (CPN60) (Heat shock protein 60) (HSP-60) (Mitochondrial matrix protein P1) (HSP-65) - Mus musculus (Mouse)	61088	15	32	22	13
Q99NE9	Pre-B-cell leukemia transcription factor 4 (Homeobox protein PBX4) - Mus musculus (Mouse)	42448	15	0	19	0
Q8K4R9	Discs large homolog 7 (Hepatoma up-regulated protein homolog) (HURP) - Mus musculus (Mouse)	90882	15	20	8	6
O88622	Poly(ADP-ribose) glycohydrolase (EC 3.2.1.143) - Mus musculus (Mouse)	110623	15	0	11	0
Q9Z1M0	P2X purinoceptor 7 (ATP receptor) (P2X7) (Purinergic receptor) (P2Z receptor) - Mus musculus (Mouse)	69974	15	0	7	0
P43346	Deoxycytidine kinase (EC 2.7.1.74) (dCK) - Mus musculus (Mouse)	30633	15	0	8	0
Q08761	Vitamin K-dependent protein S precursor - Mus musculus (Mouse)	76939	15	0	10	0
Q9WTP5	Cadherin-22 precursor (Pituitary and brain cadherin) (PB-cadherin) - Mus musculus (Mouse)	88253	15	20	15	20

Q8K2H6	Anaphase-promoting complex subunit 10 (APC10) (Cyclosome subunit 10) - Mus musculus (Mouse)	21424	15	0	5	0
Q9D8X1	Copper homeostasis protein cutC homolog - Mus musculus (Mouse)	29384	15	0	6	0
Q9JJV4	Voltage-dependent calcium channel gamma-4 subunit (Neuronal voltage-gated calcium channel gamma-4 subunit) - Mus musculus (Mouse)	36854	15	0	13	0
Q9EPC2	Fibroblast growth factor 23 precursor (FGF-23) - Mus musculus (Mouse)	28139	15	0	2	0
Q91ZI0	Cadherin EGF LAG seven-pass G-type receptor 3 precursor - Mus musculus (Mouse)	363027	15	0	21	0
Q9WUV0	Origin recognition complex subunit 5 - Mus musculus (Mouse)	50698	15	0	5	0
Q8CIM8	Integrator complex subunit 4 (Int4) - Mus musculus (Mouse)	109093	15	0	17	0
P14404	Ecotropic virus integration site 1 protein (EVI-1) - Mus musculus (Mouse)	118370	15	0	13	0
Q9CQE1	Protein NipSnap3A (NipSnap-related protein) - Mus musculus (Mouse)	28405	15	25	16	29
Q9R060	Nucleotide-binding protein 1 (NBP 1) - Mus musculus (Mouse)	34690	15	0	1	0
Q91VY6	Pleckstrin homology Sec7 and coiled-coil domains-binding protein (Cytohesin-binding protein HE) (Cbp) - Mus musculus (Mouse)	40517	15	0	64	0
Q3V1T4	Prolyl 3-hydroxylase 1 precursor (EC 1.14.11.7) (Leucine- and proline-enriched proteoglycan 1) (Leprecan-1) (Growth suppressor 1) - Mus musculus (Mouse)	84454	15	21	6	6
Q61093	Cytochrome b-245 heavy chain (p22 phagocyte B-cytochrome) (Neutrophil cytochrome b 91 kDa polypeptide) (CGD91-phox) (gp91-phox) (gp91-1) (Heme-binding membrane glycoprotein gp91phox) (Cytochrome b(558) subunit beta) (Cytochrome b558 subunit beta) -	66175	15	0	5	0

Q8JZQ2	AFG3-like protein 2 (EC 3.4.24.-))- Mus musculus (Mouse)	89976	15	27	17	13
Q6P4S6	Serine/threonine-protein kinase QSK (EC 2.7.11.1) - Mus musculus (Mouse)	146946	15	14	10	10
Q9D1L0	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2 - Mus musculus (Mouse)	15879	15	0	3	0
Q924C6	Lysyl oxidase homolog 4 precursor (EC 1.4.3.-) (Lysyl oxidase-like protein 4) (Lysyl oxidase-related protein C) - Mus musculus (Mouse)	86647	15	28	5	4
Q6PDN3	Myosin light chain kinase, smooth muscle (EC 2.7.11.18) (MLCK) (Telokin) (Kinase- related protein) (KRP) - Mus musculus (Mouse)	215415	15	0	23	0
Q8BW70	Ubiquitin carboxyl-terminal hydrolase 38 (EC 3.1.2.15) (Ubiquitin thioesterase 38) (Ubiquitin-specific-processing protease 38) (Deubiquitinating enzyme 38) - Mus musculus (Mouse)	117624	15	0	4	0
Q9CYN2	Signal peptidase complex subunit 2 (EC 3.4.-.-) (Microsomal signal peptidase 25 kDa subunit) (SPase 25 kDa subunit) - Mus musculus (Mouse)	25190	15	0	3	0
P70211	Netrin receptor DCC precursor (Tumor suppressor protein DCC) - Mus musculus (Mouse)	159113	15	0	14	0
P97467	Peptidyl-glycine alpha-amidating monooxygenase precursor (PAM) [Includes: Peptidylglycine alpha-hydroxylating monooxygenase (EC 1.14.17.3) (PHM); Peptidyl-alpha- hydroxyglycine alpha-amidating lyase (EC 4.3.2.5) (Peptidylamidoglycolate lyase) (PAL)]	109834	15	17	5	5
Q9Z2V5	Histone deacetylase 6 (HD6) (Histone deacetylase mHDA2) - Mus musculus (Mouse)	127505	15	0	5	0
Q684R7	FRAS1-related extracellular matrix protein 1 precursor (Protein QBRICK) - Mus musculus (Mouse)	246272	15	0	15	0

Q88854	Galanin receptor type 2 (GAL2-R) (GALR2) - Mus musculus (Mouse)	41306	15	0	10	0
P80314	T-complex protein 1 subunit beta (TCP-1-beta) (CCT-beta) - Mus musculus (Mouse)	57783	15	0	39	0
Q3TRR0	Microtubule-associated protein 9 (Aster-associated protein) - Mus musculus (Mouse)	73580	15	0	14	0
P39087	Glutamate receptor, ionotropic kainate 2 precursor (Glutamate receptor 6) (GluR-6) (GluR6) (Glutamate receptor beta-2) (GluR beta-2) - Mus musculus (Mouse)	103105	15	0	14	0
Q03141	MAP/microtubule affinity-regulating kinase 3 (EC 2.7.11.1) (MPK-10) (ELKL motif kinase 2) - Mus musculus (Mouse)	84907	15	0	17	0
Q92019	WD repeat protein 7 (TGF-beta resistance-associated protein TRAG) - Mus musculus (Mouse)	165752	15	0	29	0
P08003	Protein disulfide-isomerase A4 precursor (EC 5.3.4.1) (Protein ERp-72) (ERp72) - Mus musculus (Mouse)	72271	15	0	16	0
Q8CIA5	UDP-xylose and UDP-N-acetylglucosamine transporter (Solute carrier family 35 member B4) - Mus musculus (Mouse)	37834	15	0	4	0
Q7TSG3	F-box only protein 5 (Early mitotic inhibitor 1) - Mus musculus (Mouse)	48619	15	27	5	9
Q9Z207	Protein diaphanous homolog 3 (Diaphanous-related formin-3) (DRF3) (mDIA2) (p134mDIA2) - Mus musculus (Mouse)	134684	15	0	21	0
Q6PB70	Transmembrane protein 16H - Mus musculus (Mouse)	120109	15	15	20	32
Q8BI67	Zinc finger protein 473 homolog (Zinc finger protein 100) (Zfp-100) - Mus musculus (Mouse)	104755	15	0	2	0
Q9Z0J4	Nitric-oxide synthase, brain (EC 1.14.13.39) (NOS type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS) - Mus musculus (Mouse)	161740	15	0	22	0
Q8C3F2	UPF0318 protein FAM120C - Mus musculus (Mouse)	120924	15	19	10	8

P11588	Major urinary protein 1 precursor (MUP 1) - Mus musculus (Mouse)	20920	15	0	4	0
P56695	Wolframin - Mus musculus (Mouse)	101597	15	0	102	0
Q52KR2	Leucine-rich repeats and immunoglobulin-like domains protein 2 precursor - Mus musculus (Mouse)	119214	15	0	9	0
Q08509	Epidermal growth factor receptor kinase substrate 8 - Mus musculus (Mouse)	92023	15	0	5	0
Q6P560	Zinc finger protein 182 (Zinc finger protein 21) - Mus musculus (Mouse)	74217	15	14	41	16
Q99MR9	Protein phosphatase 1 regulatory subunit 3A (Protein phosphatase 1 glycogen-associated regulatory subunit) (Protein phosphatase type-1 glycogen targeting subunit) (RGL) - Mus musculus (Mouse)	122473	15	0	10	0
Q9WUD1	STIP1 homology and U box-containing protein 1 (EC 6.3.2.-) (STIP1 homology and U-box-containing protein 1) (Carboxy terminus of Hsp70-interacting protein) (E3 ubiquitin protein ligase CHIP) - Mus musculus (Mouse)	35343	15	0	5	0
Q922H1	Protein arginine N-methyltransferase 3 (EC 2.1.1.-) (Heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 3) - Mus musculus (Mouse)	60548	15	0	9	0
Q8BHB9	Chloride intracellular channel 6 - Mus musculus (Mouse)	63133	15	0	2	0
Q08943	FACT complex subunit SSRP1 (Facilitates chromatin transcription complex subunit SSRP1) (Structure-specific recognition protein 1) (Recombination signal sequence recognition protein 1) (T160) - Mus musculus (Mouse)	81152	15	23	9	18
Q61595	Kinectin - Mus musculus (Mouse)	153068	15	50	43	56

Q35674	ADAM 19 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase domain 19) (Meltrin beta) - Mus musculus (Mouse)	103703	15	15	11	9
P42581	Homeobox protein HMX3 (Homeobox protein Nkx-5.1) - Mus musculus (Mouse)	49411	15	15	4	5
Q9JJS6	Beta,beta-carotene 15,15~- monooxygenase (EC 1.14.99.36) (Beta-carotene dioxygenase 1) - Mus musculus (Mouse)	64280	15	0	4	0
P97355	Spermine synthase (EC 2.5.1.22) (Spermidine aminopropyltransferase) (SPMSY) - Mus musculus (Mouse)	41743	15	0	7	0
Q8BUR4	Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK) (DOCK180) - Mus musculus (Mouse)	215918	15	0	38	0
Q7TNE1	Uncharacterized protein C7orf10 homolog - Mus musculus (Mouse)	48100	15	0	11	0
P81067	Iroquois-class homeodomain protein IRX-3 (Iroquois homeobox protein 3) (Homeodomain protein IRXB1) - Mus musculus (Mouse)	52833	15	0	4	0
Q6ZQ12	Ninein-like protein - Mus musculus (Mouse)	145740	15	34	23	16
Q922J3	Restin - Mus musculus (Mouse)	156345	15	16	37	46
P35374	Type-2 angiotensin II receptor (AT2) - Mus musculus (Mouse)	42145	15	0	7	0
Q9D4H2	GRIP and coiled-coil domain- containing protein 1 (Golgi coiled coil protein 1) - Mus musculus (Mouse)	87795	15	16	26	24
Q5ND34	WD repeat protein 81 - Mus musculus (Mouse)	96671	15	20	14	7
Q88974	Histone-lysine N- methyltransferase, H3 lysine-9 specific 4 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 4) (H3- K9-HMTase 4) (SET domain bifurcated 1) (ERG-associated protein with SET domain) (ESET) - Mus musculus (Mouse)	146453	15	0	14	0

Q8C2E4	Pentatricopeptide repeat protein 1 - Mus musculus (Mouse)	78338	15	0	10	0
Q91VN6	Probable ATP-dependent RNA helicase DDX41 (EC 3.6.1.-) (DEAD box protein 41) - Mus musculus (Mouse)	70417	15	0	8	0
P52963	Band 4.1-like protein 4A (Protein NBL4) - Mus musculus (Mouse)	64726	15	0	6	0
Q9CQP0	Mitochondrial 39S ribosomal protein L33 (L33mt) (MRP-L33) - Mus musculus (Mouse)	7411	15	0	2	0
Q9D1H7	UPF0363 protein C7orf20 homolog - Mus musculus (Mouse)	36730	15	0	7	0
Q2EMV9	Poly [ADP-ribose] polymerase 14 (EC 2.4.2.30) (PARP-14) (Collaborator of STAT6) (CoaSt6) - Mus musculus (Mouse)	205661	15	28	63	77
Q61079	Single-minded homolog 2 (SIM transcription factor) (mSIM) - Mus musculus (Mouse)	73265	15	0	6	0
Q61045	Single-minded homolog 1 (mSIM1) - Mus musculus (Mouse)	86399	15	0	4	0
Q8CHG3	GRIP and coiled-coil domain-containing protein 2 (Golgi coiled coil protein GCC185) - Mus musculus (Mouse)	195294	15	19	32	26
P68500	Contactin-5 precursor (Neural recognition molecule NB-2) - Mus musculus (Mouse)	121544	15	0	17	0
Q02357	Ankyrin-1 (Erythrocyte ankyrin) - Mus musculus (Mouse)	205355	15	18	22	11
Q9CZS1	Aldehyde dehydrogenase X, mitochondrial precursor (EC 1.2.1.3) (Aldehyde dehydrogenase family 1 member B1) - Mus musculus (Mouse)	58087	15	18	9	6
P17439	Glucosylceramidase precursor (EC 3.2.1.45) (Beta-glucocerebrosidase) (Acid beta-glucosidase) (D-glucosyl-N-acylsphingosine glucohydrolase) - Mus musculus (Mouse)	57984	15	18	5	9

Q9Z2B5	Eukaryotic translation initiation factor 2-alpha kinase 3 precursor (EC 2.7.11.1) (PRKR-like endoplasmic reticulum kinase) (Pancreatic eIF2-alpha kinase) - Mus musculus (Mouse)	125744	15	0	7	0
Q99PN3	Tripartite motif-containing protein 26 (Zinc finger protein 173) - Mus musculus (Mouse)	63679	15	18	7	10
Q8R089	Probable fibrosin-1 long transcript protein - Mus musculus (Mouse)	39546	15	0	5	0
Q8CF89	Mitogen-activated protein kinase kinase kinase 7-interacting protein 1 (TGF-beta-activated kinase 1-binding protein 1) (TAK1-binding protein 1) - Mus musculus (Mouse)	54867	15	0	4	0
Q9EPK6	Nucleotide exchange factor SIL1 precursor - Mus musculus (Mouse)	52739	15	20	3	5
P22091	T-cell acute lymphocytic leukemia-1 protein homolog (TAL-1 protein) (Stem cell protein) - Mus musculus (Mouse)	34372	15	0	6	0
Q60715	Prolyl 4-hydroxylase subunit alpha-1 precursor (EC 1.14.11.2) (4-PH alpha-1) (Procollagen-proline,2-oxoglutarate-4-dioxygenase alpha-1 subunit) - Mus musculus (Mouse)	61157	15	0	3	0
P70206	Plexin-A1 precursor (Plexin-1) (Plex 1) - Mus musculus (Mouse)	214158	15	0	11	0
P51150	Ras-related protein Rab-7 - Mus musculus (Mouse)	23760	15	0	35	0
O08917	Flotillin-1 - Mus musculus (Mouse)	47769	15	0	3	0
Q99KB8	Hydroxyacylglutathione hydrolase (EC 3.1.2.6) (Glyoxalase II) (Glx II) - Mus musculus (Mouse)	29168	15	0	33	0
Q61233	Plastin-2 (L-plastin) (Lymphocyte cytosolic protein 1) (LCP-1) (65 kDa macrophage protein) (pp65) - Mus musculus (Mouse)	70732	14	0	11	0

Q9JLT4	Thioredoxin reductase 2, mitochondrial precursor (EC 1.8.1.9) (TR3) - Mus musculus (Mouse)	57204	14	0	5	0
Q8C6B9	40S ribosomal protein S19-binding protein 1 (RPS19-binding protein 1) (S19BP) - Mus musculus (Mouse)	16082	14	0	4	0
Q78YY6	DnaJ homolog subfamily C member 15 - Mus musculus (Mouse)	15943	14	0	4	0
Q3U288	Zinc finger protein 710 - Mus musculus (Mouse)	76486	14	22	2	6
P32114	Paired box protein Pax-2 - Mus musculus (Mouse)	44964	14	0	3	0
Q61464	Zinc finger protein 638 (Nuclear protein 220) (Zinc-finger matrix-like protein) - Mus musculus (Mouse)	219196	14	0	45	0
Q60751	Insulin-like growth factor 1 receptor precursor (EC 2.7.10.1) (Insulin-like growth factor I receptor) (IGF-I receptor) (CD221 antigen) [Contains: Insulin-like growth factor 1 receptor alpha chain; Insulin-like growth factor 1 receptor beta chain] -	158197	14	0	13	0
Q6NX16	Uncharacterized protein KIAA0460 - Mus musculus (Mouse)	157003	14	16	13	9
P07903	DNA excision repair protein ERCC-1 - Mus musculus (Mouse)	33291	14	0	11	0
Q9Z275	Cellular retinaldehyde-binding protein (CRALBP) - Mus musculus (Mouse)	36670	14	0	3	0
P03985	T-cell receptor gamma chain C region C7.5 - Mus musculus (Mouse)	20069	14	0	5	0
Q99KK7	Dipeptidyl-peptidase 3 (EC 3.4.14.4) (Dipeptidyl-peptidase III) (DPP III) (Dipeptidyl aminopeptidase III) (Dipeptidyl arylamidase III) - Mus musculus (Mouse)	83258	14	18	23	19
P97401	Secreted frizzled-related protein 3 precursor (sFRP-3) (Frizzled-related protein 1) (FrzB-1) (Frezzed) (Fritz) - Mus musculus (Mouse)	37070	14	0	8	0

Q99JG3	Annexin A13 (Annexin XIII) - Mus musculus (Mouse)	36070	14	0	10	0
Q8BTY1	Kynurenine--oxoglutarate transaminase 1 (EC 2.6.1.7) (Kynurenine--oxoglutarate transaminase I) (Kynurenine aminotransferase I) (KATI) (Glutamine--phenylpyruvate transaminase) (EC 2.6.1.64) (Glutamine transaminase K) (GTK) (Cysteine-S-conjugate beta-	47932	14	0	2	0
P98197	Probable phospholipid-transporting ATPase 1H (EC 3.6.3.1) (ATPase class I type 11A) (ATPase IS) - Mus musculus (Mouse)	137296	14	0	12	0
Q9DCW4	Electron transfer flavoprotein subunit beta (Beta-ETF) - Mus musculus (Mouse)	27834	14	0	7	0
Q9CUN6	Smad ubiquitination regulatory factor 1 (EC 6.3.2.-) (Ubiquitin--protein ligase SMURF1) (Smad-specific E3 ubiquitin ligase 1) - Mus musculus (Mouse)	84159	14	0	5	0
P46935	E3 ubiquitin-protein ligase NEDD4 (EC 6.3.2.-) (Neural precursor cell expressed developmentally down-regulated protein 4) - Mus musculus (Mouse)	103155	14	24	4	9
Q8K4Z6	G-protein coupled receptor family C group 6 member A precursor - Mus musculus (Mouse)	106141	14	0	9	0
Q6PR54	Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) (mRif1) - Mus musculus (Mouse)	268116	14	0	25	0
Q8R216	NAD-dependent deacetylase sirtuin-4 (EC 3.5.1.-) (SIR2-like protein 4) - Mus musculus (Mouse)	38044	14	0	4	0

Q9D2G2	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial precursor (EC 2.3.1.61) (Dihydrolipoamide succinyltransferase component of 2-oxoglutarate dehydrogenase complex) (E2) (E2K) - Mus muscul	49306	14	0	5	0
P06804	Tumor necrosis factor precursor (TNF-alpha) (Tumor necrosis factor ligand superfamily member 2) (TNF-a) (Cachectin) [Contains: Tumor necrosis factor, membrane form; Tumor necrosis factor, soluble form] - Mus musculus (Mouse)	26164	14	0	3	0
Q99P50	Growth hormone secretagogue receptor type 1 (GHS-R) (GH-releasing peptide receptor) (GHRP) (Ghrelin receptor) - Mus musculus (Mouse)	41513	14	0	9	0
Q9DCU9	Dihydrodipicolinate synthase-like, mitochondrial precursor (EC 4.-.-.-) (DHDPS-like protein) - Mus musculus (Mouse)	34964	14	0	8	0
Q9ERU3	Zinc finger protein 22 (Zinc finger protein 422) (Krox-25 protein) (Krox-26 protein) - Mus musculus (Mouse)	28018	14	0	11	0
Q69ZZ6	Transmembrane and coiled-coil domains protein 1 - Mus musculus (Mouse)	71998	14	0	3	0
Q9Z0L0	Trophoblast glycoprotein precursor (5T4 oncofetal trophoblast glycoprotein) (5T4 oncotrophoblast glycoprotein) - Mus musculus (Mouse)	46983	14	0	1	0
P42225	Signal transducer and activator of transcription 1 - Mus musculus (Mouse)	87826	14	0	11	0
Q9D7D7	Claudin-23 - Mus musculus (Mouse)	33011	14	0	3	0
Q8C3J5	Dedicator of cytokinesis protein 2 (Protein Hch) - Mus musculus (Mouse)	212966	14	0	28	0
P35761	Dual specificity protein kinase TTK (EC 2.7.12.1) (ESK) (PYT) - Mus musculus (Mouse)	97063	14	34	9	13

P51910	Apolipoprotein D precursor (ApoD) (ApoD) - Mus musculus (Mouse)	21744	14	14	3	8
Q52KP5	Protein FAM55D precursor - Mus musculus (Mouse)	62139	14	17	23	8
Q61545	RNA-binding protein EWS - Mus musculus (Mouse)	68661	14	0	7	0
Q91ZT9	Ankyrin repeat and SOCS box protein 8 (ASB-8) - Mus musculus (Mouse)	32228	14	0	12	0
P28828	Receptor-type tyrosine-protein phosphatase mu precursor (EC 3.1.3.48) (Protein-tyrosine phosphatase mu) (R-PTP-mu) - Mus musculus (Mouse)	165258	14	16	8	4
Q5SYL1	Uncharacterized serine/threonine-protein kinase SgK494 (EC 2.7.11.1) (Sugen kinase 494) - Mus musculus (Mouse)	32175	14	0	6	0
Q80ZW0	Serine/threonine-protein kinase 35 (EC 2.7.11.1) - Mus musculus (Mouse)	45317	14	50	21	17
P20826	Kit ligand precursor (C-kit ligand) (Stem cell factor) (SCF) (Mast cell growth factor) (MGF) (Hematopoietic growth factor KL) (Steel factor) - Mus musculus (Mouse)	30911	14	0	12	0
O70200	Allograft inflammatory factor 1 (AIF-1) (Ionized calcium-binding adapter molecule 1) - Mus musculus (Mouse)	16900	14	14	4	6
Q8K0T7	Unc-13 homolog C (Munc13-3) (Fragment) - Mus musculus (Mouse)	162521	14	0	24	0
Q9WVB4	Slit homolog 3 protein precursor (Slit-3) (Slit3) - Mus musculus (Mouse)	173590	14	16	17	9
Q9Z0T9	Integrin beta-6 precursor - Mus musculus (Mouse)	89292	14	0	5	0
Q9CR21	Acyl carrier protein, mitochondrial precursor (ACP) (NADH-ubiquinone oxidoreductase 9.6 kDa subunit) (CI-SDAP) - Mus musculus (Mouse)	17644	14	0	4	0
ms08135_B			0		0	
2008-08-28T14:16:19Z			0		0	
http://ms-searching2.rockefeller.edu/mascot/cgi/master_re			0		0	
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31498			0		0	

P05215	Tubulin alpha-4 chain (Alpha-tubulin 4) (Alpha-tubulin isotype M-alpha-4) - Mus musculus (Mouse)	50634	0	1083	0	80
P10854	Histone H2B type 1-M (H2B 291B) - Mus musculus (Mouse)	13928	0	999	0	77
Q9D2U9	Histone H2B type 3-A - Mus musculus (Mouse)	13986	0	806	0	54
Q9Z331	Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6b keratin) (Keratin-6 beta) (mK6-beta) - Mus musculus (Mouse)	60627	0	550	0	33
P14873	Microtubule-associated protein 1B (MAP 1B) (MAP1.2) (MAP1(X)) [Contains: MAP1 light chain LC1] - Mus musculus (Mouse)	271556	0	490	0	44
P84228	Histone H3.2 - Mus musculus (Mouse)	15436	0	417	0	68
P63242	Eukaryotic translation initiation factor 5A-1 (eIF-5A-1) (eIF-5A1) (Eukaryotic initiation factor 5A isoform 1) (eIF-5A) (eIF-4D) - Mus musculus (Mouse)	17049	0	379	0	15
Q8BSL7	ADP-ribosylation factor 2 - Mus musculus (Mouse)	20790	0	270	0	10
P84084	ADP-ribosylation factor 5 - Mus musculus (Mouse)	20631	0	210	0	13
Q8CDN6	Thioredoxin-like protein 1 (32 kDa thioredoxin-related protein) - Mus musculus (Mouse)	32616	0	173	0	3
Q9JIF0	Protein arginine N-methyltransferase 1 (EC 2.1.1.-) - Mus musculus (Mouse)	43035	0	150	0	9
P61082	NEDD8-conjugating enzyme Ubc12 (EC 6.3.2.-) (Ubiquitin-conjugating enzyme E2 M) (NEDD8 protein ligase) (NEDD8 carrier protein) - Mus musculus (Mouse)	21172	0	123	0	3
P57722	Poly(rC)-binding protein 3 (Alpha CP3) - Mus musculus (Mouse)	36171	0	122	0	8
P14211	Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) - Mus musculus (Mouse)	48136	0	120	0	7
P63085	Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1) - Mus musculus (Mouse)	41648	0	112	0	19

Q11136	Xaa-Pro dipeptidase (EC 3.4.13.9) (X-Pro dipeptidase) (Proline dipeptidase) (Prolidase) (Imidodipeptidase) (Peptidase 4) - Mus musculus (Mouse)	55962	0	108	0	8
P63330	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform (EC 3.1.3.16) (PP2A-alpha) - Mus musculus (Mouse)	36156	0	101	0	6
P62889	60S ribosomal protein L30 - Mus musculus (Mouse)	12947	0	98	0	3
P27773	Protein disulfide-isomerase A3 precursor (EC 5.3.4.1) (Disulfide isomerase ER-60) (ERp60) (58 kDa microsomal protein) (p58) (ERp57) - Mus musculus (Mouse)	57042	0	98	0	14
Q9R1P4	Proteasome subunit alpha type 1 (EC 3.4.25.1) (Proteasome component C2) (Macropain subunit C2) (Multicatalytic endopeptidase complex subunit C2) (Proteasome nu chain) - Mus musculus (Mouse)	29813	0	95	0	8
Q9D1G1	Ras-related protein Rab-1B - Mus musculus (Mouse)	22344	0	91	0	8
P61027	Ras-related protein Rab-10 - Mus musculus (Mouse)	22755	0	82	0	3
P62746	Rho-related GTP-binding protein RhoB precursor - Mus musculus (Mouse)	22565	0	82	0	3
P10518	Delta-aminolevulinic acid dehydratase (EC 4.2.1.24) (Porphobilinogen synthase) (ALADH) - Mus musculus (Mouse)	36456	0	78	0	6
Q9DAR7	Scavenger mRNA decapping enzyme DcpS (EC 3.-.-.) (DCS-1) (Hint-related 7meGMP-directed hydrolase) (Histidine triad protein member 5) (HINT-5) - Mus musculus (Mouse)	39078	0	76	0	8
P35279	Ras-related protein Rab-6A (Rab-6) - Mus musculus	23689	0	76	0	9
P97855	Ras GTPase-activating protein-binding protein 1 (EC 3.6.1.-) (G3BP-1) (ATP-dependent DNA helicase VIII) (HDH-VIII) (GAP SH3 domain-binding protein 1) - Mus musculus (Mouse)	51854	0	75	0	15

Q61792	LIM and SH3 domain protein 1 (LASP-1) (MLN 50) - Mus musculus (Mouse)	30374	0	72	0	4
P43274	Histone H1.4 (H1 VAR.2) (H1e) - Mus musculus (Mouse)	21964	0	72	0	7
P62849	40S ribosomal protein S24 - Mus musculus (Mouse)	15413	0	72	0	8
P33175	Kinesin heavy chain isoform 5A (Neuronal kinesin heavy chain) (NKHC) (Kinesin heavy chain neuron-specific 1) - Mus musculus (Mouse)	117745	0	66	0	20
P28738	Kinesin heavy chain isoform 5C (Kinesin heavy chain neuron-specific 2) - Mus musculus (Mouse)	109743	0	66	0	15
Q8CG03	cGMP-specific 3~,5~-cyclic phosphodiesterase (EC 3.1.4.35) (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase) - Mus musculus (Mouse)	99784	0	65	0	12
P47857	6-phosphofructokinase, muscle type (EC 2.7.1.11) (Phosphofructokinase 1) (Phosphohexokinase) (Phosphofructo-1-kinase isozyme A) (PFK-A) (Phosphofructokinase-M) - Mus musculus (Mouse)	86070	0	64	0	8
Q8BPU7	Engulfment and cell motility protein 1 (CED-12 homolog) - Mus musculus (Mouse)	84623	0	64	0	12
Q9R1T2	SUMO-activating enzyme subunit 1 (Ubiquitin-like 1-activating enzyme E1A) - Mus musculus (Mouse)	39052	0	62	0	6
Q99L47	Hsc70-interacting protein (Hip) (Protein ST13 homolog) (Protein FAM10A1) - Mus musculus (Mouse)	41801	0	62	0	3
Q9QZD9	Eukaryotic translation initiation factor 3 subunit 2 (eIF-3 beta) (eIF3 p36) (eIF3i) (TGF-beta receptor-interacting protein 1) (TRIP-1) - Mus musculus (Mouse)	36837	0	62	0	6

Q62095	ATP-dependent RNA helicase DDX3Y (EC 3.6.1.-) (DEAD box protein 3, Y-chromosomal) (DEAD-box RNA helicase DEAD2) (mDEAD2) (D1Pas1-related sequence 1) - Mus musculus (Mouse)	73838	0	62	0	65
Q62167	ATP-dependent RNA helicase DDX3X (EC 3.6.1.-) (DEAD box protein 3, X-chromosomal) (DEAD box RNA helicase DEAD3) (mDEAD3) (Embryonic RNA helicase) (D1Pas1-related sequence 2) - Mus musculus (Mouse)	73455	0	62	0	64
Q80X13	Eukaryotic translation initiation factor 4 gamma 3 (eIF-4-gamma 3) (eIF-4G 3) (eIF4G 3) (eIF-4-gamma II) (eIF4GII) - Mus musculus (Mouse)	176092	0	58	0	17
P63087	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit (EC 3.1.3.16) (PP-1G) (Protein phosphatase 1C catalytic subunit) - Mus musculus (Mouse)	37701	0	57	0	5
P50396	Rab GDP dissociation inhibitor alpha (Rab GDI alpha) (Guanosine diphosphate dissociation inhibitor 1) (GDI-1) - Mus musculus (Mouse)	51059	0	56	0	7
P26883	FK506-binding protein 1A (EC 5.2.1.8) (Peptidyl-prolyl cis-trans isomerase) (PPIase) (Rotamase) (12 kDa FKBP) (FKBP-12) (Immunophilin FKBP12) - Mus musculus (Mouse)	11972	0	55	0	4
P83510	Traf2 and NCK-interacting protein kinase (EC 2.7.11.1) (Fragments) - Mus musculus (Mouse)	103850	0	54	0	17
O70492	Sorting nexin-3 (SDP3 protein) - Mus musculus (Mouse)	18803	0	54	0	2
P35283	Ras-related protein Rab-12 (Rab-13) - Mus musculus (Mouse)	27653	0	53	0	11
Q8BHD0	Ras-related protein Rab-39A (Rab-39) - Mus musculus (Mouse)	25361	0	53	0	4
Q8BHC1	Ras-related protein Rab-39B - Mus musculus (Mouse)	24849	0	53	0	5

P35276	Ras-related protein Rab-3D - Mus musculus (Mouse)	24629	0	53	0	11
Q9JKM7	Ras-related protein Rab-37 - Mus musculus (Mouse)	24811	0	53	0	2
Q9CZT8	Ras-related protein Rab-3B - Mus musculus (Mouse)	24969	0	53	0	3
Q923S9	Ras-related protein Rab-30 - Mus musculus (Mouse)	23386	0	53	0	4
Q8CG50	Ras-related protein Rab-43 - Mus musculus (Mouse)	23477	0	53	0	4
Q91V41	Ras-related protein Rab-14 - Mus musculus (Mouse)	24110	0	53	0	2
Q504M8	Ras-related protein Rab-26 - Mus musculus (Mouse)	28772	0	53	0	3
P63011	Ras-related protein Rab-3A - Mus musculus (Mouse)	25182	0	53	0	3
P62823	Ras-related protein Rab-3C - Mus musculus (Mouse)	26084	0	53	0	2
O35963	Ras-related protein Rab-33B - Mus musculus (Mouse)	26206	0	53	0	1
Q8JZQ9	Eukaryotic translation initiation factor 3 subunit 9 (eIF-3 eta) (eIF3 p116) - Mus musculus (Mouse)	91712	0	52	0	16
P07356	Annexin A2 (Annexin II) (Lipocortin II) (Calpactin I heavy chain) (Chromobindin-8) (p36) (Protein I) (Placental anticoagulant protein IV) (PAP-IV) - Mus musculus (Mouse)	38937	0	51	0	9
P46638	Ras-related protein Rab-11B - Mus musculus (Mouse)	24589	0	49	0	4
Q9QXE2	DNA polymerase lambda (EC 2.7.7.7) (EC 4.2.99.-) (Pol Lambda) (DNA polymerase kappa) - Mus musculus (Mouse)	63530	0	48	0	10
Q8BMQ2	General transcription factor 3C polypeptide 4 (EC 2.3.1.48) (Transcription factor IIIC subunit delta) (TF3C-delta) (TFIIIC 90 kDa subunit) (TFIIIC 90) - Mus musculus (Mouse)	92905	0	46	0	9
Q9QXL2	Kinesin family member 21A - Mus musculus (Mouse)	187846	0	45	0	23
Q9CX34	Suppressor of G2 allele of SKP1 homolog - Mus musculus (Mouse)	38420	0	44	0	7
Q9D0J8	Parathymosin - Mus musculus (Mouse)	11423	0	43	0	3
Q6IRU2	Tropomyosin alpha-4 chain (Tropomyosin-4) - Mus musculus (Mouse)	28564	0	42	0	4

Q99K48	Non-POU domain-containing octamer-binding protein (NonO protein) - Mus musculus (Mouse)	54620	0	41	0	7
Q8BRM2	N-terminal kinase-like-binding protein 1 (NTKL-binding protein 1) (NTKL-BP1) (mNTKL-BP1) (SCY1-like 1-binding protein 1) (SCYL1-binding protein 1) (SCYL1-BP1) - Mus musculus (Mouse)	41803	0	41	0	16
Q8C636	FACT complex subunit SPT16 (Facilitates chromatin transcription complex subunit SPT16) (FACT 140 kDa subunit) (FACTp140) (Chromatin-specific transcription elongation factor 140 kDa subunit) - Mus musculus (Mouse)	120320	0	41	0	24
Q8C2E7	Uncharacterized protein KIAA0196 - Mus musculus (Mouse)	134880	0	40	0	22
P35235	Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48) (Protein-tyrosine phosphatase SYP) (SH-PTP2) (SHP-2) (Shp2) - Mus musculus (Mouse)	68988	0	40	0	12
Q8BJL1	F-box only protein 30 - Mus musculus (Mouse)	84599	0	39	0	16
P00375	Dihydrofolate reductase (EC 1.5.1.3) - Mus musculus (Mouse)	21649	0	38	0	8
Q62048	Astrocytic phosphoprotein PEA-15 - Mus musculus (Mouse)	15102	0	38	0	4
Q924W5	Structural maintenance of chromosomes protein 6 (mSMC6) - Mus musculus (Mouse)	128201	0	38	0	21
Q9CS42	Ribose-phosphate pyrophosphokinase II (EC 2.7.6.1) (Phosphoribosyl pyrophosphate synthetase II) (PRS-II) - Mus musculus (Mouse)	35163	0	38	0	3
Q61897	Keratin, type I cuticular Ha3 (Hair keratin, type I Ha3) (Keratin 33B) (Fragment) - Mus musculus (Mouse)	38009	0	37	0	5

Q63844	Mitogen-activated protein kinase 3 (EC 2.7.11.24) (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein 2 kinase) (MNK1) - Mus musculus	43381	0	37	0	14
Q99JX1	Transcription initiation factor TFIIID subunit 11 (Transcription initiation factor TFIIID 28 kDa subunit) (TAF(II)28) (TAFII-28) (TAFII28) (TFIID subunit p30-beta) - Mus musculus (Mouse)	23376	0	37	0	7
P35922	Fragile X mental retardation protein 1 homolog (Protein FMR-1) (FMRP) (mFmr1p) - Mus musculus (Mouse)	69232	0	36	0	8
Q80TG1	Uncharacterized protein KIAA1267 - Mus musculus (Mouse)	114022	0	36	0	18
Q61211	Ligatin - Mus musculus (Mouse)	63531	0	36	0	5
P70694	Estradiol 17 beta-dehydrogenase 5 (EC 1.1.1.-) (17-beta-HSD 5) - Mus musculus (Mouse)	37423	0	36	0	8
Q91ZR3	Host cell factor-binding transcription factor Zhangfei (HCF-binding transcription factor Zhangfei) (Tyrosine kinase-associated leucine zipper protein LAZip) - Mus musculus (Mouse)	29266	0	36	0	1
Q80TE4	Signal-induced proliferation-associated 1-like protein 2 - Mus musculus (Mouse)	191248	0	36	0	16
Q3UM45	Protein phosphatase 1 regulatory subunit 7 (Protein phosphatase 1 regulatory subunit 22) - Mus musculus (Mouse)	41380	0	35	0	6
Q9Z2X1	Heterogeneous nuclear ribonucleoprotein F (hnRNP F) - Mus musculus (Mouse)	46043	0	35	0	2
O70423	Membrane copper amine oxidase (EC 1.4.3.6) (Semicarbazide-sensitive amine oxidase) (SSAO) (Vascular adhesion protein 1) (VAP-1) - Mus musculus (Mouse)	85107	0	35	0	4

P10922	Histone H1.0 (Histone H1(0)) (Histone H1~) - Mus musculus (Mouse)	20848	0	35	0	2
Q60668	Heterogeneous nuclear ribonucleoprotein D0 (hnRNP D0) (AU-rich element RNA-binding protein 1) - Mus musculus (Mouse)	38501	0	34	0	5
Q8CHP6	Polyhomeotic-like protein 3 - Mus musculus (Mouse)	106171	0	34	0	6
Q400C8	Archaemetzincin-2 (EC 3.-.-.-) (Archeobacterial metalloproteinase-like protein 2) - Mus musculus (Mouse)	41942	0	34	0	12
Q8BG05	Heterogeneous nuclear ribonucleoprotein A3 (hnRNP A3) - Mus musculus (Mouse)	39856	0	34	0	5
Q60664	Lymphoid-restricted membrane protein (Protein Jaw1) - Mus musculus (Mouse)	60235	0	34	0	28
P35918	Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1) (VEGFR-2) (Protein-tyrosine kinase receptor flk-1) (Fetal liver kinase 1) (Kinase NYK) (CD309 antigen) - Mus musculus (Mouse)	154301	0	34	0	16
P05622	Beta platelet-derived growth factor receptor precursor (EC 2.7.10.1) (PDGF-R-beta) (CD140b antigen) - Mus musculus (Mouse)	123811	0	34	0	16
P35917	Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1) (VEGFR-3) (Tyrosine-protein kinase receptor FLT4) - Mus musculus (Mouse)	155029	0	34	0	11
Q80Y86	Mitogen-activated protein kinase 15 (EC 2.7.11.24) (Extracellular signal-regulated kinase 7) - Mus musculus (Mouse)	61040	0	34	0	8
P00687	Alpha-amylase 1 precursor (EC 3.2.1.1) (1,4-alpha-D-glucan glucanohydrolase) (Salivary and hepatic alpha-amylase) - Mus musculus (Mouse)	58271	0	34	0	7
P57780	Alpha-actinin-4 (Non-muscle alpha-actinin 4) (F-actin cross-linking protein) - Mus musculus (Mouse)	105368	0	34	0	10

Q7TPR4	Alpha-actinin-1 (Alpha-actinin cytoskeletal isoform) (Non-muscle alpha-actinin-1) (F-actin cross-linking protein) - Mus musculus (Mouse)	103631	0	34	0	8
Q9Z1Y4	Thyroid receptor-interacting protein 6 (TRIP-6) (Zyxin-related protein 1) (ZRP-1) - Mus musculus (Mouse)	52383	0	34	0	11
Q60654	Killer cell lectin-like receptor 7 (T-cell surface glycoprotein Ly-49G) (Lymphocyte antigen 49g) (Ly-49g) - Mus musculus (Mouse)	33299	0	33	0	2
Q8BWG9	Calcium release-activated calcium channel protein 1 (Transmembrane protein 142A) (Protein orai-1) - Mus musculus (Mouse)	33269	0	33	0	5
P60762	Mortality factor 4-like protein 1 (MORF-related gene 15 protein) (Transcription factor-like protein MRG15) (Testis-expressed gene 189 protein) - Mus musculus (Mouse)	41581	0	33	0	9
P48967	M-phase inducer phosphatase 3 (EC 3.1.3.48) (Dual specificity phosphatase Cdc25C) - Mus musculus (Mouse)	50698	0	33	0	7
P21107	Tropomyosin alpha-3 chain (Tropomyosin-3) (Tropomyosin gamma) - Mus musculus (Mouse)	32900	0	32	0	2
Q9DC70	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial precursor (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 20 kDa subunit) (Complex I-20kD) (CI-20kD) - Mus musculus (Mouse)	24952	0	32	0	11
P58389	Serine/threonine-protein phosphatase 2A regulatory subunit B~ (PP2A, subunit B~, PR53 isoform) (Phosphotyrosyl phosphatase activator) (PTPA) - Mus musculus (Mouse)	36972	0	32	0	5
Q3UTH8	Rho guanine nucleotide exchange factor 9 (Rac/Cdc42 guanine nucleotide exchange factor 9) (Collybistin) - Mus musculus (Mouse)	61458	0	31	0	17

Q78T81	Protein FAM102A - Mus musculus (Mouse)	43260	0	31	0	10
Q60900	ELAV-like protein 3 (Hu-antigen C) (HuC) - Mus musculus (Mouse)	39679	0	31	0	26
Q9ERZ4	Muscarinic acetylcholine receptor M2 - Mus musculus (Mouse)	52223	0	31	0	8
Q60875	Rho/Rac guanine nucleotide exchange factor 2 (Lymphoid blast crisis-like 1) (LBC~S first cousin) (Oncogene LFC) (RHOBIN) - Mus musculus (Mouse)	112787	0	31	0	12
Q88907	E3 SUMO-protein ligase PIAS1 (Protein inhibitor of activated STAT protein 1) (DEAD/H box-binding protein 1) - Mus musculus (Mouse)	72542	0	31	0	9
Q8CFE4	SCY1-like protein 2 (Coated vesicle-associated kinase of 104 kDa) - Mus musculus (Mouse)	103935	0	31	0	24
Q9CQZ5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase B14 subunit) (Complex I-B14) (CI-B14) - Mus musculus (Mouse)	15273	0	30	0	5
Q8C1B7	Septin-11 - Mus musculus (Mouse)	50005	0	30	0	9
Q8BG32	26S proteasome non-ATPase regulatory subunit 11 (26S proteasome regulatory subunit S9) (26S proteasome regulatory subunit p44.5) - Mus musculus (Mouse)	47692	0	30	0	6
Q9JLI8	Squamous cell carcinoma antigen recognized by T-cells 3 (SART-3) (mSART-3) (Tumor-rejection antigen SART3) - Mus musculus (Mouse)	110405	0	30	0	5
Q99N16	Cytochrome P450 4F3 (EC 1.14.13.30) (CYPIVF3) (Leukotriene-B(4) omega-hydroxylase) (Leukotriene-B(4) 20-monooxygenase) (Cytochrome P450-LTB-omega) - Mus musculus (Mouse)	60487	0	30	0	9
Q9R1T4	Septin-6 - Mus musculus (Mouse)	50044	0	30	0	13

Q8CHH9	Septin-8 - Mus musculus (Mouse)	50123	0	30	0	7
P54822	Adenylosuccinate lyase (EC 4.3.2.2) (Adenylosuccinase) (ASL) (ASASE) - Mus musculus (Mouse)	55457	0	30	0	11
O88342	WD repeat protein 1 (Actin-interacting protein 1) (AIP1) - Mus musculus (Mouse)	67049	0	30	0	6
Q9Z2Y3	Homer protein homolog 1 (VASP/Ena-related gene up-regulated during seizure and LTP) (Vesl-1) - Mus musculus (Mouse)	41502	0	30	0	6
Q7TPD3	Roundabout homolog 2 precursor - Mus musculus (Mouse)	162002	0	30	0	4
Q99MK9	Ras association domain-containing protein 1 (Protein 123F2) - Mus musculus (Mouse)	39392	0	29	0	11
Q7JJ13	Bromodomain-containing protein 2 (Protein RING3) (Female sterile homeotic-related protein 1) (Fsg-1) - Mus musculus (Mouse)	88298	0	29	0	10
P70677	Caspase-3 precursor (EC 3.4.22.-) (CASP-3) (Apopain) (Cysteine protease CPP32) (Yama protein) (CPP-32) (SREBP cleavage activity 1) (SCA-1) (LICE) [Contains: Caspase-3 p17 subunit; Caspase-3 p12 subunit] - Mus musculus (Mouse)	31911	0	29	0	5
Q80XI7	Vomeromodulin precursor - Mus musculus (Mouse)	62751	0	29	0	9
Q69ZM6	Serine/threonine-protein kinase 36 (EC 2.7.11.1) (Fused homolog) - Mus musculus (Mouse)	140163	0	29	0	35
Q810T2	G2/mitotic-specific cyclin-B3 - Mus musculus (Mouse)	159668	0	29	0	22
Q62252	Sperm surface protein Sp17 (Sperm autoantigenic protein 17) - Mus musculus (Mouse)	17342	0	29	0	4
Q80U72	Protein LAP4 (Protein scribble homolog) - Mus musculus (Mouse)	175150	0	29	0	22
Q9CWR8	DNA (cytosine-5)-methyltransferase 3-like - Mus musculus (Mouse)	49159	0	29	0	9

Q7M6U3	Testis-expressed protein 14 (Testis-expressed sequence 14) - Mus musculus (Mouse)	163866	0	28	0	14
Q64G17	Acidic leucine-rich nuclear phosphoprotein 32 family member C - Mus musculus (Mouse)	14229	0	28	0	4
Q62383	Transcription elongation factor SPT6 - Mus musculus (Mouse)	200159	0	28	0	17
Q9CWI3	BRCA2 and CDKN1A-interacting protein - Mus musculus (Mouse)	36262	0	28	0	15
P09103	Protein disulfide-isomerase precursor (EC 5.3.4.1) (PDI) (Prolyl 4-hydroxylase subunit beta) (Cellular thyroid hormone-binding protein) (p55) (Erp59) - Mus musculus (Mouse)	57507	0	28	0	5
Q8VHF2	Mucin and cadherin-like protein precursor (Mu-protocadherin) - Mus musculus (Mouse)	88552	0	28	0	7
Q9EQM6	Protein DGCR8 (DiGeorge syndrome critical region 8 homolog) (Gy1) - Mus musculus (Mouse)	87122	0	28	0	29
P15806	Transcription factor E2-alpha (Immunoglobulin enhancer-binding factor E12/E47) (Transcription factor 3) (TCF-3) (Transcription factor A1) - Mus musculus (Mouse)	67773	0	28	0	9
Q69ZQ2	Pre-mRNA-splicing factor ISY1 homolog - Mus musculus (Mouse)	33026	0	28	0	8
Q35490	Betaine--homocysteine S-methyltransferase 1 (EC 2.1.1.5) - Mus musculus (Mouse)	45448	0	28	0	5
Q8BIK4	Dedicator of cytokinesis protein 9 (Cdc42 guanine nucleotide exchange factor zizimin-1) - Mus musculus (Mouse)	237613	0	28	0	25
Q8K0V4	CCR4-NOT transcription complex subunit 3 (CCR4-associated factor 3) - Mus musculus (Mouse)	82124	0	27	0	4
P27612	Phospholipase A-2-activating protein (PLAP) - Mus musculus (Mouse)	88605	0	27	0	6

P28658	Ataxin-10 (Spinocerebellar ataxia type 10 protein homolog) (Brain protein E46) - Mus musculus (Mouse)	54300	0	27	0	16
Q9DAW9	Calponin-3 (Calponin, acidic isoform) - Mus musculus (Mouse)	36577	0	27	0	13
Q8VCB3	Glycogen [starch] synthase, liver (EC 2.4.1.11) - Mus musculus (Mouse)	81575	0	27	0	7
Q60598	Src substrate cortactin - Mus musculus (Mouse)	61394	0	27	0	14
P56960	Exosome component 10 (Polymyositis/scleroderma autoantigen 2 homolog) (Autoantigen PM/Scl 2 homolog) - Mus musculus (Mouse)	101593	0	27	0	12
Q91ZD4	Vang-like protein 2 (Van Gogh-like protein 2) (Loop-tail-associated protein) (Loop-tail protein 1) - Mus musculus (Mouse)	59961	0	27	0	31
Q8C2S5	F-box/LRR-repeat protein 5 (F-box and leucine-rich repeat protein 5) - Mus musculus (Mouse)	79326	0	27	0	10
Q61823	Programmed cell death protein 4 (Topoisomerase-inhibitor suppressed protein) (Protein MA-3) - Mus musculus (Mouse)	52069	0	27	0	10
Q8R1U1	Conserved oligomeric Golgi complex component 4 - Mus musculus (Mouse)	89574	0	27	0	16
P35438	Glutamate [NMDA] receptor subunit zeta 1 precursor (N-methyl-D-aspartate receptor subunit NR1) - Mus musculus (Mouse)	106098	0	27	0	15
Q9WVL3	Solute carrier family 12 member 7 (Electroneutral potassium-chloride cotransporter 4) (K-Cl cotransporter 4) - Mus musculus (Mouse)	120715	0	27	0	24
Q9D0D5	Transcription initiation factor IIE subunit alpha (TFIIE-alpha) (General transcription factor IIE subunit 1) (General transcription factor IIE 56 kDa subunit) - Mus musculus (Mouse)	50018	0	27	0	8

Q9DAA3	Uncharacterized protein C4orf36 homolog - Mus musculus (Mouse)	13771	0	26	0	11
Q9EQ06	Dehydrogenase/reductase SDR family member 8 precursor (EC 1.1.1.-) (17-beta-hydroxysteroid dehydrogenase 11) (17-beta-HSD 11) (17-beta-HSD XI) (17betaHSDXI) (17bHSD11) (17betaHSD11) - Mus musculus (Mouse)	33145	0	26	0	6
P97384	Annexin A11 (Annexin XI) (Calcyclin-associated annexin 50) (CAP-50) - Mus musculus (Mouse)	54419	0	26	0	9
O35639	Annexin A3 (Annexin III) (Lipocortin III) (Placental anticoagulant protein III) (PAP-III) (35-alpha calcimedlin) - Mus musculus (Mouse)	36520	0	26	0	5
P10107	Annexin A1 (Annexin I) (Lipocortin I) (Calpactin II) (Chromobindin-9) (p35) (Phospholipase A2 inhibitory protein) - Mus musculus (Mouse)	38995	0	26	0	6
Q9JHJ7	Testisin precursor (EC 3.4.21.-) (Serine protease 21) (Trypsin 4) - Mus musculus (Mouse)	36722	0	26	0	2
Q91X20	Set1/Ash2 histone methyltransferase complex subunit ASH2 (ASH2-like protein) - Mus musculus (Mouse)	68777	0	26	0	6
Q9ER58	Testican-2 precursor (SPARC/osteonectin, CWCV, and Kazal-like domains proteoglycan 2) - Mus musculus (Mouse)	48201	0	26	0	5
Q80Y50	Calmodulin-binding transcription activator 2 - Mus musculus (Mouse)	133352	0	26	0	10
P17408	Oncogene tlm - Mus musculus (Mouse)	36199	0	26	0	5
Q61410	cGMP-dependent protein kinase 2 (EC 2.7.11.12) (CGK 2) (cGKII) (Type II cGMP-dependent protein kinase) - Mus musculus (Mouse)	87714	0	26	0	11
Q9DBY5	Chromobox protein homolog 6 - Mus musculus (Mouse)	44661	0	26	0	5

Q5XPI3	E3 ubiquitin-protein ligase RNF123 (EC 6.3.2.-) (RING finger protein 123) (Kip1 ubiquitination-promoting complex protein 1) - Mus musculus (Mouse)	150040	0	26	0	7
Q8BK67	Protein RCC2 - Mus musculus (Mouse)	56689	0	26	0	2
P36898	Bone morphogenetic protein receptor type IB precursor (EC 2.7.11.30) (Serine/threonine-protein kinase receptor R6) (SKR6) (Activin receptor-like kinase 6) (ALK-6) - Mus musculus (Mouse)	57991	0	26	0	10
Q8K2Y7	39S ribosomal protein L47, mitochondrial precursor (L47mt) (MRP-L47) - Mus musculus (Mouse)	29992	0	26	0	8
P14231	Sodium/potassium-transporting ATPase subunit beta-2 (Sodium/potassium-dependent ATPase beta-2 subunit) (Glial cell adhesion molecule) (AMOG) - Mus musculus (Mouse)	33722	0	26	0	3
Q91WW3	Mas-related G-protein coupled receptor member A3 - Mus musculus (Mouse)	35201	0	26	0	3
Q8BHZ4	Zinc finger protein 592 (Zfp-592) - Mus musculus (Mouse)	140127	0	26	0	24
Q7TM95	Tigger transposable element-derived protein 3 - Mus musculus (Mouse)	52931	0	26	0	5
Q62468	Villin-1 - Mus musculus (Mouse)	93256	0	26	0	22
Q64356	Seminal vesicle secretory protein 6 precursor (Seminal vesicle secretory protein VI) (SVS VI) (Seminal vesicle protein 6) (SVSP99) - Mus musculus (Mouse)	11475	0	26	0	6
Q80TJ7	PHD finger protein 8 - Mus musculus (Mouse)	114508	0	25	0	4
Q9CPP6	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5 (EC 1.6.5.3) (EC 1.6.99.3) (NADH-ubiquinone oxidoreductase 13 kDa-B subunit) (Complex I-13kD-B) (CI-13kD-B) (Complex I subunit B13) - Mus musculus (Mouse)	13408	0	25	0	4

Q9CXR4	Phosphatidylinositol N-acetylglucosaminyltransferase subunit C (EC 2.4.1.198) (Phosphatidylinositol-glycan biosynthesis class C protein) (PIG-C) - Mus musculus (Mouse)	34044	0	25	0	1
O08532	Dihydropyridine-sensitive L-type calcium channel subunits alpha-2/delta precursor [Contains: L-type calcium channel subunit alpha-2; L-type calcium channel subunit delta] - Mus musculus (Mouse)	125692	0	25	0	26
Q9R0X4	Acyl-coenzyme A thioesterase 9, mitochondrial precursor (EC 3.1.2.-) (Acyl-CoA thioesterase 9) (Acyl-CoA thioester hydrolase 9) (Acyl coenzyme A thioester hydrolase 2) (48 kDa acyl-CoA thioester hydrolase) (p48) (Mt-ACT48) (Protein U8) (MTE-2) - Mus	50813	0	25	0	6
P11404	Fatty acid-binding protein, heart (H-FABP) (Heart-type fatty acid-binding protein) (Mammary-derived growth inhibitor) (MDGI) - Mus musculus (Mouse)	14810	0	25	0	3
Q3TPE9	Ankyrin repeat and MYND domain-containing protein 2 - Mus musculus (Mouse)	49712	0	25	0	11
P14685	26S proteasome non-ATPase regulatory subunit 3 (26S proteasome regulatory subunit S3) (Proteasome subunit p58) (Transplantation antigen P91A) (Tum-P91A antigen) - Mus musculus (Mouse)	60775	0	25	0	12
Q715T0	Thioredoxin domain-containing protein 3 (Spermatid-specific thioredoxin-2) (Sptrx-2) - Mus musculus (Mouse)	67271	0	25	0	7
Q9D718	Protein FAM83D - Mus musculus (Mouse)	64740	0	25	0	3
Q91YR7	Pre-mRNA-processing factor 6 (PRP6 homolog) (U5 snRNP-associated 102 kDa protein) (U5-102 kDa protein) - Mus musculus (Mouse)	107453	0	25	0	22

Q922D8	C-1-tetrahydrofolate synthase, cytoplasmic (C1-THF synthase) [Includes: Methylenetetrahydrofolate dehydrogenase (EC 1.5.1.5); Methenyltetrahydrofolate cyclohydrolase (EC 3.5.4.9); Formyltetrahydrofolate synthetase (EC 6.3.4.3)] - Mus musculus (Mouse)	101876	0	25	0	16
Q80WB0	Uncharacterized protein C20orf195 homolog - Mus musculus (Mouse)	37560	0	25	0	6
Q8BWW9	Serine/threonine-protein kinase N2 (EC 2.7.11.13) (Protein kinase C-like 2) (Protein-kinase C-related kinase 2) - Mus musculus (Mouse)	112415	0	25	0	9
P08071	Lactotransferrin precursor (EC 3.4.21.-) (Lactoferrin) - Mus musculus (Mouse)	79698	0	25	0	16
O09167	60S ribosomal protein L21 - Mus musculus (Mouse)	18607	0	25	0	14
Q5FW52	Uncharacterized protein C6orf142 homolog - Mus musculus (Mouse)	29505	0	25	0	2
Q99K90	Mitogen-activated protein kinase kinase kinase 7-interacting protein 2 (TAK1-binding protein 2) (TAB2) - Mus musculus (Mouse)	76908	0	25	0	5
Q9D9W0	Uncharacterized protein C21orf56 homolog - Mus musculus (Mouse)	38596	0	24	0	2
O08756	3-hydroxyacyl-CoA dehydrogenase type-2 (EC 1.1.1.35) (3-hydroxyacyl-CoA dehydrogenase type II) (Type II HADH) (3-hydroxy-2-methylbutyryl-CoA dehydrogenase) (EC 1.1.1.178) (Endoplasmic reticulum-associated amyloid beta-peptide-binding protein) - Mus	27516	0	24	0	7

Q9CW03	Structural maintenance of chromosomes protein 3 (Chondroitin sulfate proteoglycan 6) (Chromosome segregation protein SmcD) (Bamacan) (Basement membrane-associated chondroitin proteoglycan) (Mad member-interacting protein 1) - Mus musculus (Mouse)	141867	0	24	0	33
Q8K1B9	Putative polypeptide N-acetylgalactosaminyltransferase-like protein 4 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase-like protein 4) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 4) (Polypeptide GalNAc transferas	71906	0	24	0	5
Q9CXG3	Peptidyl-prolyl cis-trans isomerase-like 4 (EC 5.2.1.8) (PPIase) (Rotamase) (Cyclophilin-like protein PPIL4) - Mus musculus (Mouse)	57708	0	24	0	2
O35655	Serine/threonine-protein phosphatase with EF-hands 1 (EC 3.1.3.16) (PPEF-1) (Protein phosphatase with EF calcium-binding domain) (PPEF) (DRES10) (Fragment) - Mus musculus (Mouse)	31940	0	24	0	2
Q921T2	Torsin-1A-interacting protein 1 (Lamina-associated polypeptide 1B) - Mus musculus (Mouse)	58608	0	24	0	6
Q9Z2L6	Multiple inositol polyphosphate phosphatase 1 precursor (EC 3.1.3.62) (Inositol (1,3,4,5)-tetrakisphosphate 3-phosphatase) (Ins(1,3,4,5)P(4) 3-phosphatase) - Mus musculus (Mouse)	55156	0	24	0	5
Q58A65	C-jun-amino-terminal kinase-interacting protein 4 (JNK-interacting protein 4) (JIP-4) (JNK-associated leucine-zipper protein) (JLP) (Sperm-associated antigen 9) (Mitogen-activated protein kinase 8-interacting protein 4) (JNK/SAPK-associated protein	146984	0	24	0	20

O88643	Serine/threonine-protein kinase PAK 1 (EC 2.7.11.1) (p21- activated kinase 1) (PAK-1) (P65-PAK) (Alpha-PAK) (CDC42/RAC effector kinase PAK-A) - Mus musculus (Mouse)	61041	0	24	0	17
Q5U3K5	Putative GTP-binding protein Parf - Mus musculus (Mouse)	80067	0	24	0	11
P18581	Low-affinity cationic amino acid transporter 2 (CAT-2) (CAT2) (TEA protein) (T-cell early activation protein) (20.5) - Mus musculus (Mouse)	72675	0	24	0	10
Q8BP78	Protein FRA10AC1 homolog - Mus musculus (Mouse)	37637	0	24	0	7
Q99M87	DnaJ homolog subfamily A member 3, mitochondrial precursor (Tumorous imaginal discs protein Tid56 homolog) (DnaJ protein Tid-1) (mTid-1) - Mus musculus (Mouse)	53095	0	24	0	8
Q566J8	Uncharacterized aarF domain- containing protein kinase 4 (EC 2.7.-.-) - Mus musculus (Mouse)	59936	0	24	0	14
P56974	Pro-neuregulin-2, membrane- bound isoform precursor (Pro- NRG2) [Contains: Neuregulin-2 (NRG-2) (Divergent of neuregulin 1) (DON-1)] - Mus musculus (Mouse)	83530	0	24	0	4
Q7TPD6	Ribonucleoprotein PTB-binding 2 (Protein raver-2) - Mus musculus (Mouse)	72556	0	24	0	3
Q9QZM3	Cardiotrophin-like cytokine factor 1 precursor (B cell- stimulating factor 3) (BSF-3) (Novel neurotrophin-1) (NNT-1) - Mus musculus (Mouse)	25473	0	24	0	2
Q99MN1	Lysyl-tRNA synthetase (EC 6.1.1.6) (Lysine--tRNA ligase) (LysRS) - Mus musculus (Mouse)	68253	0	24	0	15
Q9CPX7	28S ribosomal protein S16, mitochondrial precursor (S16mt) (MRP-S16) - Mus musculus (Mouse)	15410	0	24	0	3
Q6PB75	DNA polymerase sigma (EC 2.7.7.7) - Mus musculus (Mouse)	60301	0	24	0	4

Q8R183	T-cell immunoglobulin and mucin domain-containing protein 2 precursor (TIMD-2) (T cell membrane protein 2) (TIM-2) - Mus musculus (Mouse)	33882	0	24	0	1
Q80TT8	p53-associated parkin-like cytoplasmic protein - Mus musculus (Mouse)	212904	0	24	0	10
P29037	TATA-box-binding protein (TATA box factor) (TATA-binding factor) (TATA sequence-binding protein) (Transcription initiation factor TFIID TBP subunit) - Mus musculus (Mouse)	34858	0	24	0	4
Q91V80	Apolipoprotein F precursor (Apo-F) (Leukemia virus-inactivating factor) (LVIF) - Mus musculus (Mouse)	34680	0	24	0	12
Q8CJ53	Cdc42-interacting protein 4 (Thyroid receptor-interacting protein 10) (TRIP-10) - Mus musculus (Mouse)	68675	0	24	0	11
Q9Z2D8	Methyl-CpG-binding domain protein 3 (Methyl-CpG-binding protein MBD3) - Mus musculus (Mouse)	32376	0	24	0	7
Q6XQH0	Galactose 3-O-sulfotransferase 2 (EC 2.8.2.-) (Gal3ST-2) (Galbeta1-3GalNAc 3~-sulfotransferase 2) (Beta-galactose-3-O-sulfotransferase 2) - Mus musculus (Mouse)	47107	0	24	0	5
Q9DCD0	6-phosphogluconate dehydrogenase, decarboxylating (EC 1.1.1.44) - Mus musculus (Mouse)	53726	0	24	0	11
Q8C7V3	U3 small nucleolar RNA-associated protein 15 homolog (Src-associated protein SAW) - Mus musculus (Mouse)	59737	0	24	0	6
Q8BR92	Paralemmin-2 - Mus musculus (Mouse)	42297	0	24	0	7
P63328	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit alpha isoform) (CAM-PRP catalytic subunit) - Mus musculus (Mouse)	59291	0	24	0	8

P48453	Serine/threonine-protein phosphatase 2B catalytic subunit beta isoform (EC 3.1.3.16) (Calmodulin-dependent calcineurin A subunit beta isoform) (CAM-PRP catalytic subunit) - Mus musculus (Mouse)	59820	0	24	0	8
Q9WVC5	Short transient receptor potential channel 7 (TrpC7) (mTRP7) - Mus musculus (Mouse)	100152	0	24	0	4
Q9QZS8	SH2 domain-containing protein 3C (SH2 domain-containing Eph receptor-binding protein 1) (Cas/HEF1-associated signal transducer) - Mus musculus (Mouse)	94891	0	24	0	12
Q91WQ3	Tyrosyl-tRNA synthetase, cytoplasmic (EC 6.1.1.1) (Tyrosyl--tRNA ligase) (TyrRS) - Mus musculus (Mouse)	59410	0	24	0	10
O54904	Beta-1,3-galactosyltransferase 1 (EC 2.4.1.-) (Beta-1,3-GalTase 1) (Beta3GalT1) (UDP-galactose:beta-N-acetylglucosamine-beta-1,3-galactosyltransferase 1) (UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase-I) - Mus musculus (Mouse)	38425	0	23	0	3
O55017	Voltage-dependent N-type calcium channel subunit alpha-1B (Voltage-gated calcium channel subunit alpha Cav2.2) (Calcium channel, L type, alpha-1 polypeptide isoform 5) (Brain calcium channel III) (BIII) - Mus musculus (Mouse)	263538	0	23	0	19
Q64331	Myosin-VI - Mus musculus (Mouse)	147686	0	23	0	22
Q9D0F9	Phosphoglucomutase-1 (EC 5.4.2.2) (Glucose phosphomutase 1) (PGM 1) - Mus musculus (Mouse)	61764	0	23	0	2
Q8R5A6	TBC1 domain family member 22A - Mus musculus (Mouse)	59610	0	23	0	7

Q6VNS1	NT-3 growth factor receptor precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase receptor type 3) (TrkC tyrosine kinase) (GP145-TrkC) (Trk-C) - Mus musculus (Mouse)	93955	0	23	0	12
Q8K4Z5	Splicing factor 3 subunit 1 (SF3a120) - Mus musculus (Mouse)	88546	0	23	0	104
P51655	Glypican-4 precursor (K-glypican) - Mus musculus (Mouse)	63629	0	23	0	5
P70425	GTP-binding protein Rit2 (Ras-like protein expressed in neurons) (Ras-like without CAAX protein 2) - Mus musculus (Mouse)	25015	0	23	0	3
Q8VC48	Peroxisome assembly protein 12 (Peroxin-12) - Mus musculus (Mouse)	40892	0	23	0	2
Q61180	Amiloride-sensitive sodium channel subunit alpha (Epithelial Na(+) channel subunit alpha) (Alpha ENaC) (Nonvoltage-gated sodium channel 1 subunit alpha) (SCNEA) (Alpha NaCH) - Mus musculus (Mouse)	80097	0	23	0	2
P43432	Interleukin-12 subunit beta precursor (IL-12B) (IL-12 subunit p40) (Cytotoxic lymphocyte maturation factor 40 kDa subunit) (CLMF p40) - Mus musculus (Mouse)	39009	0	23	0	5
O54956	DNA polymerase epsilon subunit 2 (EC 2.7.7.7) (DNA polymerase II subunit 2) (DNA polymerase epsilon subunit B) - Mus musculus (Mouse)	60033	0	23	0	4
P11590	Major urinary protein 4 precursor (MUP 4) - Mus musculus (Mouse)	20814	0	23	0	3
O88879	Apoptotic protease-activating factor 1 (Apaf-1) - Mus musculus (Mouse)	143137	0	23	0	11
Q66JV4	RNA-binding protein 12B-B (RNA-binding motif protein 12B-B) - Mus musculus (Mouse)	97118	0	23	0	12
Q80YR9	RNA-binding protein 12B-A (RNA-binding motif protein 12B-A) - Mus musculus (Mouse)	97220	0	23	0	12

Q8R3E3	WD repeat domain phosphoinositide-interacting protein 1 (WIPI-1) (WD40 repeat protein interacting with phosphoinositides of 49 kDa) (WIPI 49 kDa) - Mus musculus (Mouse)	49354	0	23	0	3
P47750	Thyrotropin receptor precursor (TSH-R) (Thyroid-stimulating hormone receptor) - Mus musculus (Mouse)	87782	0	23	0	4
Q61048	WW domain-binding protein 4 (WBP-4) (Formin-binding protein 21) - Mus musculus (Mouse)	42395	0	23	0	2
Q80W47	WD repeat domain phosphoinositide-interacting protein 2 (WIPI-2) - Mus musculus (Mouse)	49244	0	23	0	3
Q921W0	Charged multivesicular body protein 1a (Chromatin-modifying protein 1a) (CHMP1a) - Mus musculus (Mouse)	21651	0	23	0	8
Q6PD03	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A, B subunit, B~ alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform) (PP2A, B subunit, R5 alpha isoform) (PR61alpha) - Mus musc	56710	0	23	0	10
Q9DC04	Regulator of G-protein signaling 3 (RGS3) (C2PA) - Mus musculus (Mouse)	107579	0	23	0	7
Q64387	Nociceptin precursor (N23K/N27K) [Contains: Neuropeptide 1; Nociceptin (Orphanin FQ) (PPNOC); Neuropeptide 2] - Mus musculus (Mouse)	21270	0	23	0	3
Q9EPS3	D-glucuronyl C5-epimerase (EC 5.1.3.-) (Heparin/heparan sulfate:glucuronic acid C5 epimerase) - Mus musculus (Mouse)	70397	0	23	0	15
Q62240	Jumonji/ARID domain-containing protein 1D (Protein SmcY) (Histocompatibility Y antigen) (H-Y) - Mus musculus (Mouse)	179812	0	23	0	17

Q8C398	Phosphatidylinositol-glycan biosynthesis class W protein (EC 2.3.-.-) (PIG-W) - Mus musculus (Mouse)	57545	0	23	0	2
Q8R516	E3 ubiquitin-protein ligase MIB2 (EC 6.3.2.-) (Mind bomb homolog 2) (Mind bomb-2) (Skeletrophin) (Dystrophin-like protein) (Dyslike) - Mus musculus (Mouse)	107719	0	23	0	9
Q8K2I2	Coiled-coil alpha-helical rod protein 1 (Alpha helical coiled-coil rod protein) - Mus musculus (Mouse)	87364	0	23	0	14
Q8C3I8	Brain protein 16 - Mus musculus (Mouse)	43288	0	23	0	11
Q8CG46	Structural maintenance of chromosomes protein 5 (mSMC5) - Mus musculus (Mouse)	129930	0	23	0	13
Q9D439	Coiled-coil domain-containing protein 11 - Mus musculus (Mouse)	62101	0	23	0	7
Q8CFJ9	WD repeat protein 24 - Mus musculus (Mouse)	89838	0	23	0	5
Q3U319	Ubiquitin-protein ligase BRE1B (EC 6.3.2.-) (BRE1-B) (RING finger protein 40) - Mus musculus (Mouse)	114809	0	23	0	11
Q8BX94	Oxysterol-binding protein-related protein 2 (OSBP-related protein 2) (ORP-2) - Mus musculus (Mouse)	55806	0	23	0	7
Q9Z2Z9	Glucosamine--fructose-6-phosphate aminotransferase [isomerizing] 2 (EC 2.6.1.16) (Hexosephosphate aminotransferase 2) (D-fructose-6-phosphate amidotransferase 2) (GFAT 2) (GFAT2) - Mus musculus (Mouse)	77758	0	23	0	9
Q9CQR2	40S ribosomal protein S21 - Mus musculus (Mouse)	9250	0	23	0	8
O54692	Centromere/kinetochore protein zw10 homolog - Mus musculus (Mouse)	89147	0	22	0	4
Q9D0B8	RIB43A-like with coiled-coils protein 1 - Mus musculus (Mouse)	45106	0	22	0	16

Q811B1	Xylosyltransferase 1 (EC 2.4.2.26) (Xylosyltransferase I) (Peptide O-xylosyltransferase 1) - Mus musculus (Mouse)	108086	0	22	0	10
Q9Z223	Molybdenum cofactor synthesis protein 2 large subunit (Molybdopterin synthase large subunit) (MPT synthase large subunit) (MOCS2B) - Mus musculus (Mouse)	21195	0	22	0	1
Q8VC19	5-aminolevulinate synthase, nonspecific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinate synthase) (Delta-ALA synthetase) (ALAS-H) - Mus musculus (Mouse)	71827	0	22	0	7
Q8C147	Dedicator of cytokinesis protein 8 - Mus musculus (Mouse)	119855	0	22	0	13
Q9JI33	Netrin-4 precursor (Beta-netrin) - Mus musculus (Mouse)	72587	0	22	0	7
P55066	Neurocan core protein precursor (Chondroitin sulfate proteoglycan 3) - Mus musculus (Mouse)	139053	0	22	0	9
Q99K70	Ras-related GTP-binding protein C (Rag C) (GTPase-interacting protein 2) (TIB929) - Mus musculus (Mouse)	44492	0	22	0	9
P47968	Ribose-5-phosphate isomerase (EC 5.3.1.6) (Phosphoriboisomerase) - Mus musculus (Mouse)	26098	0	22	0	7
O88398	Advillin (p92) (Actin-binding protein DOC6) - Mus musculus (Mouse)	92471	0	22	0	5
P13864	DNA (cytosine-5)-methyltransferase 1 (EC 2.1.1.37) (Dnmt1) (DNA methyltransferase Mmul) (DNA MTase Mmul) (MCMT) (M.Mmul) (Met-1) - Mus musculus (Mouse)	185411	0	22	0	21
O08747	Netrin receptor UNC5C precursor (Unc-5 homolog C) (Unc-5 homolog 3) (Rostral cerebellar malformation protein) - Mus musculus (Mouse)	104879	0	22	0	16
Q9JMJ2	F-box/WD repeat protein 4 (F-box and WD-40 domain protein 4) (Hagoromo protein) - Mus musculus (Mouse)	46968	0	22	0	3

Q9R0H0	Acyl-coenzyme A oxidase 1, peroxisomal (EC 1.3.3.6) (Palmitoyl-CoA oxidase) (AOX) - Mus musculus (Mouse)	74986	0	22	0	5
Q7M723	Taste receptor type 2 member 104 (T2R104) (mT2R45) - Mus musculus (Mouse)	35231	0	22	0	2
Q5SV06	Spermatogenesis-associated protein 22 - Mus musculus (Mouse)	40480	0	22	0	5
Q99NH2	Partitioning-defective 3 homolog (PARD-3) (PAR-3) (Atypical PKC isotype-specific-interacting protein) (ASIP) (Ephrin-interacting protein) (PHIP) - Mus musculus (Mouse)	149654	0	22	0	26
Q8BH27	Multiple epidermal growth factor-like domains 9 precursor (EGF-like domain-containing protein 5) (Multiple EGF-like domain protein 5) - Mus musculus (Mouse)	65185	0	22	0	3
Q9DD03	Ras-related protein Rab-13 - Mus musculus (Mouse)	22927	0	22	0	4
Q8BH69	Selenide, water dikinase 1 (EC 2.7.9.3) (Selenophosphate synthetase 1) (Selenium donor protein 1) - Mus musculus (Mouse)	43392	0	22	0	3
Q8K2F0	Bromodomain-containing protein 3 (Bromodomain-containing FSH like protein FSRG2) - Mus musculus (Mouse)	79997	0	22	0	13
O54984	Arsenical pump-driving ATPase (EC 3.6.3.16) (Arsenite-translocating ATPase) (Arsenical resistance ATPase) (Arsenite-transporting ATPase) (ARSA) - Mus musculus (Mouse)	39254	0	22	0	4
Q9CUS9	Signal peptide peptidase-like 3 (EC 3.4.23.-) (SPP-like 3 protein) (Intramembrane protease 2) (IMP2) (Presenilin-like protein 4) - Mus musculus (Mouse)	42791	0	22	0	2
Q8BX57	PX domain-containing protein kinase-like protein (Modulator of Na,K-ATPase) (MONaKA) - Mus musculus (Mouse)	65760	0	22	0	12

Q5U431	Probable G-protein coupled receptor 39 - Mus musculus (Mouse)	52183	0	22	0	16
P70419	Polypeptide N-acetylgalactosaminyltransferase 3 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 3) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3) (Polypeptide GalNAc transferase 3) (GalNAc-T3) (pp-GaNTase 3) - Mus musculus (Mouse)	73768	0	22	0	9
Q8C7U7	Polypeptide N-acetylgalactosaminyltransferase 6 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 6) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6) (Polypeptide GalNAc transferase 6) (GalNAc-T6) (pp-GaNTase 6) - Mus musculus (	72347	0	22	0	2
Q810C0	SLIT and NTRK-like protein 2 precursor - Mus musculus (Mouse)	96517	0	22	0	10
P11591	Major urinary protein 5 precursor (MUP 5) - Mus musculus (Mouse)	21278	0	22	0	2
Q8BUG2	Beta-Ala-His dipeptidase (EC 3.4.13.20) (Carnosine dipeptidase 1) (CNDP dipeptidase 1) - Mus musculus (Mouse)	55226	0	22	0	12
Q8CDC7	Zinc finger and BTB domain-containing protein 9 - Mus musculus (Mouse)	50303	0	22	0	5
Q9ESC8	AF4/FMR2 family member 4 - Mus musculus (Mouse)	126962	0	22	0	15
P70295	Ancient ubiquitous protein 1 precursor - Mus musculus (Mouse)	46491	0	22	0	9
Q62481	Vacuolar protein sorting-associated protein 72 homolog (Transcription factor-like 1) (Protein YL-1) - Mus musculus (Mouse)	40987	0	22	0	3
P01632	Ig kappa chain V-I region S107A - Mus musculus (Mouse)	12823	0	22	0	2
P21129	P3 protein (Solute carrier family 10 member 3) - Mus musculus (Mouse)	50564	0	22	0	2

Q3V0F0	Uncharacterized protein KIAA1666 - Mus musculus (Mouse)	165339	0	22	0	9
P17533	Defensin-related sequence cryptdin peptide precursor (Cryptdin-related protein 1C) (CRS1C) - Mus musculus (Mouse)	13616	0	22	0	1
Q5M956	BTB/POZ domain-containing protein KCTD1 - Mus musculus (Mouse)	29671	0	22	0	4
Q61183	Poly(A) polymerase alpha (EC 2.7.7.19) (PAP) (Polynucleotide adenylyltransferase) - Mus musculus (Mouse)	82714	0	21	0	8
Q8K3J5	Zinc finger protein 131 - Mus musculus (Mouse)	72003	0	21	0	11
Q9WVP6	Poly(A) polymerase beta (EC 2.7.7.19) (PAP beta) (Polynucleotide adenylyltransferase beta) (Testis specific poly(A) polymerase) - Mus musculus (Mouse)	72495	0	21	0	5
Q9D9F8	Mirror-image polydactyly gene 1 protein homolog - Mus musculus (Mouse)	32073	0	21	0	5
Q7TMY7	Importin-8 (Imp8) (Ran-binding protein 8) (RanBP8) - Mus musculus (Mouse)	118001	0	21	0	9
Q9JL04	Formin-2 - Mus musculus (Mouse)	167477	0	21	0	12
Q9ER47	Potassium voltage-gated channel subfamily H member 7 (Voltage-gated potassium channel subunit Kv11.3) (Ether-a-go-go-related gene potassium channel 3) (Ether-a-go-go-related protein 3) (Eag-related protein 3) - Mus musculus (Mouse)	136253	0	21	0	3
Q99PI4	Lipin-3 - Mus musculus (Mouse)	94999	0	21	0	3
Q01815	Voltage-dependent L-type calcium channel subunit alpha-1C (Voltage-gated calcium channel subunit alpha Cav1.2) (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle) (Mouse brain class C) (MBC) (MELC-CC) - Mus musculus (Mouse)	242493	0	21	0	10

Q54790	Transcription factor MafG (V-maf musculoaponeurotic fibrosarcoma oncogene homolog G) - Mus musculus	17923	0	21	0	6
Q8K1R3	Polyribonucleotide nucleotidyltransferase 1, mitochondrial precursor (EC 2.7.7.8) (PNPase 1) (Polynucleotide phosphorylase-like protein) (PNPase old-35) (3~-5~ RNA exonuclease OLD35) - Mus musculus (Mouse)	86541	0	21	0	12
Q6ZPV2	Putative DNA helicase INO80 complex homolog 1 (EC 3.6.1.-) - Mus musculus (Mouse)	177265	0	21	0	24
Q9DBG1	Cytochrome P450 27, mitochondrial precursor (EC 1.14.13.15) (Cytochrome P-450C27/25) (Sterol 26-hydroxylase) (Sterol 27-hydroxylase) (Vitamin D(3) 25-hydroxylase) (5-beta-cholestane-3-alpha,7-alpha,12-alpha-triol 27-hydroxylase) - Mus musculus (Mous	60910	0	21	0	11
Q7TMS5	ATP-binding cassette sub-family G member 2 (Breast cancer resistance protein 1 homolog) (CD338 antigen) - Mus musculus (Mouse)	73501	0	21	0	15
Q9D2C7	Bax inhibitor 1 (BI-1) (Testis-enhanced gene transcript) - Mus musculus (Mouse)	26745	0	21	0	5
Q80US4	Actin-related protein 5 - Mus musculus (Mouse)	68430	0	21	0	5
Q9ESN2	Tripartite motif-containing protein 39 (RING finger protein 23) (Testis-abundant finger protein) - Mus musculus (Mouse)	57360	0	21	0	6
Q6P9P0	Uncharacterized protein C10orf6 homolog - Mus musculus (Mouse)	144850	0	21	0	22
Q9CUU3	Synaptonemal complex protein 2 (SCP-2) (Synaptonemal complex lateral element protein) - Mus musculus (Mouse)	173839	0	21	0	18

Q8BVE8	Probable histone-lysine N-methyltransferase NSD2 (EC 2.1.1.43) (Nuclear SET domain-containing protein 2) (Wolf-Hirschhorn syndrome candidate 1 protein homolog) - Mus musculus (Mouse)	156203	0	21	0	12
Q8VBW5	HMG box transcription factor BBX (Bobby sox homolog) (HMG box-containing protein 2) - Mus musculus (Mouse)	101746	0	21	0	17
O35892	Nuclear autoantigen Sp-100 (Speckled 100 kDa) (Nuclear dot-associated Sp100 protein) - Mus musculus (Mouse)	55433	0	21	0	5
Q3UHK6	Teneurin-4 (Ten-4) (Tenascin-M4) (Ten-m4) (Protein Odd Oz/ten-m homolog 4) (Downstream of CHOP4) - Mus musculus (Mouse)	312848	0	21	0	26
Q9WTS4	Teneurin-1 (Ten-1) (Tenascin-M1) (Ten-m1) (Protein Odd Oz/ten-m homolog 1) - Mus musculus (Mouse)	310447	0	21	0	19
Q9WTS6	Teneurin-3 (Ten-3) (Tenascin-M3) (Ten-m3) (Protein Odd Oz/ten-m homolog 3) - Mus musculus (Mouse)	307207	0	21	0	16
Q8BLG0	PHD finger protein 20 (Hepatocellular carcinoma-associated antigen 58 homolog) - Mus musculus (Mouse)	116691	0	21	0	6
Q99LC8	Translation initiation factor eIF-2B subunit alpha (eIF-2B GDP-GTP exchange factor subunit alpha) - Mus musculus (Mouse)	34023	0	21	0	5
O08967	Cytohesin-3 (PH, SEC7 and coiled-coil domain-containing protein 3) (CLM3) (SEC7 homolog C) (mSec7-3) (ARF nucleotide-binding site opener 3) (Protein ARNO3) (General receptor of phosphoinositides 1) (Grp1) - Mus musculus (Mouse)	46593	0	21	0	13
Q8CDU5	EF-hand domain-containing family member B - Mus musculus (Mouse)	96366	0	21	0	9
Q64701	Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein) (PRB1) (P107) - Mus musculus (Mouse)	120849	0	21	0	11

Q9QXZ6	Solute carrier organic anion transporter family member 1A1 (Solute carrier family 21 member 1) (Sodium-independent organic anion-transporting polypeptide 1) (OATP1) - Mus musculus (Mouse)	75887	0	21	0	9
P60766	Cell division control protein 42 homolog precursor (G25K GTP-binding protein) - Mus musculus (Mouse)	21696	0	21	0	4
P35601	Replication factor C subunit 1 (Replication factor C large subunit) (RF-C 140 kDa subunit) (Activator 1 140 kDa subunit) (Activator 1 large subunit) (A1 140 kDa subunit) (A1-P145) (Differentiation-specific element-binding protein) (ISRE-binding prot	126705	0	21	0	13
Q9CYR6	Phosphoacetylglucosamine mutase (EC 5.4.2.3) (PAGM) (Acetylglucosamine phosphomutase) (N-acetylglucosamine-phosphate mutase) (Phosphoglucomutase 3) - Mus musculus (Mouse)	60043	0	21	0	7
Q8C5R2	Uncharacterized protein C10orf47 homolog - Mus musculus (Mouse)	50687	0	21	0	6
Q9JLN9	FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex-associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (mTOR) - Mus musculus (Mouse)	290661	0	21	0	19
Q7TN31	Angiogenic factor with G patch and FHA domains 1 (Angiogenic factor VG5Q) (mVG5Q) - Mus musculus (Mouse)	80081	0	21	0	4
Q9CWM4	Prefoldin subunit 1 - Mus musculus (Mouse)	14246	0	21	0	8
Q5U464	Development and differentiation-enhancing factor-like 1 - Mus musculus (Mouse)	100355	0	21	0	9

Q9JHW4	Selenocysteine-specific elongation factor (Elongation factor sec) (Eukaryotic elongation factor, selenocysteine-tRNA-specific) (mSelB) - Mus musculus (Mouse)	64060	0	21	0	9
Q04690	Neurofibromin (Neurofibromatosis-related protein NF-1) - Mus musculus (Mouse)	323097	0	21	0	22
Q61091	Frizzled-8 precursor (Fz-8) (mFz8) - Mus musculus (Mouse)	74707	0	21	0	8
Q9CSB4	Partitioning-defective 3 homolog B (PAR3-beta) (Partitioning-defective 3-like protein) (PAR3-L protein) (Amyotrophic lateral sclerosis 2 chromosome region candidate gene 19 protein homolog) - Mus musculus (Mouse)	133268	0	21	0	20
Q62010	Oviduct-specific glycoprotein precursor (Oviductal glycoprotein) (Oviductin) (Estrogen-dependent oviduct protein) - Mus musculus (Mouse)	78986	0	21	0	9
Q9ET26	Zinc finger protein 313 - Mus musculus (Mouse)	26641	0	21	0	14
Q9Z1T6	FYVE finger-containing phosphoinositide kinase (EC 2.7.1.68) (1-phosphatidylinositol-4-phosphate 5-kinase) (PIP5K) (PtdIns(4)P-5-kinase) (PIKfyve) (p235) - Mus musculus (Mouse)	235584	0	21	0	17
Q99J21	Mucolipin-1 (Mucolipidin) - Mus musculus (Mouse)	66604	0	21	0	7
Q60675	Laminin subunit alpha-2 precursor (Laminin M chain) (Merosin heavy chain) - Mus musculus (Mouse)	351638	0	21	0	35
Q8K2Z2	Pre-mRNA-processing factor 39 (PRP39 homolog) - Mus musculus (Mouse)	73819	0	21	0	7
Q61301	Catenin alpha-2 (Alpha-catenin-related protein) (Alpha N-catenin) - Mus musculus (Mouse)	106018	0	21	0	40

Q80V53	Carbohydrate sulfotransferase D4ST1 (EC 2.8.2.-) (Dermatan 4-sulfotransferase 1) (D4ST-1) - Mus musculus (Mouse)	43517	0	21	0	8
Q8K3Z9	Nuclear envelope pore membrane protein POM 121 (Pore membrane protein of 121 kDa) - Mus musculus (Mouse)	121404	0	21	0	2
P06800	Leukocyte common antigen precursor (EC 3.1.3.48) (L-CA) (Lymphocyte antigen 5) (Ly-5) (T200) (CD45 antigen) - Mus musculus (Mouse)	146024	0	21	0	19
Q62191	52 kDa Ro protein (Sjogren syndrome type A antigen) (SS-A) (Ro(SS-A)) (52 kDa ribonucleoprotein autoantigen Ro/SS-A) (Tripartite motif-containing protein 21) - Mus musculus (Mouse)	55166	0	21	0	6
O35379	Multidrug resistance-associated protein 1 (ATP-binding cassette sub-family C member 1) (Leukotriene C(4) transporter) (LTC4 transporter) - Mus musculus (Mouse)	172386	0	21	0	25
Q8VCT9	Dual specificity testis-specific protein kinase 2 (EC 2.7.12.1) (Testicular protein kinase 2) - Mus musculus (Mouse)	64057	0	21	0	20
P52479	Ubiquitin carboxyl-terminal hydrolase 10 (EC 3.1.2.15) (Ubiquitin thioesterase 10) (Ubiquitin-specific-processing protease 10) (Deubiquitinating enzyme 10) - Mus musculus (Mouse)	87686	0	21	0	7
P21183	Interleukin-5 receptor alpha chain precursor (IL-5R-alpha) (CD125 antigen) - Mus musculus (Mouse)	47586	0	21	0	3
Q91VJ4	Serine/threonine-protein kinase 38 (EC 2.7.11.1) (NDR1 protein kinase) (Nuclear Dbf2-related kinase 1) - Mus musculus (Mouse)	54482	0	21	0	9
Q7TSE6	Serine/threonine-protein kinase 38-like (EC 2.7.11.1) (NDR2 protein kinase) (Nuclear Dbf2-related kinase 2) - Mus musculus (Mouse)	53979	0	21	0	7

P49003	Bone morphogenetic protein 5 precursor (BMP-5) - Mus musculus (Mouse)	51935	0	21	0	3
Q920M5	Coronin-6 (Coronin-like protein E) (Clipin-E) - Mus musculus (Mouse)	53022	0	21	0	18
Q9DAW6	U4/U6 small nuclear ribonucleoprotein Prp4 (U4/U6 snRNP 60 kDa protein) (WD splicing factor Prp4) - Mus musculus (Mouse)	59018	0	21	0	2
O55112	AF4/FMR2 family member 2 (Fragile X mental retardation protein 2 homolog) (Protein FMR2) (FMR2P) (Protein Ox19) - Mus musculus (Mouse)	140871	0	21	0	15
Q3V0C5	Ubiquitin carboxyl-terminal hydrolase 48 (EC 3.1.2.15) (Ubiquitin thioesterase 48) (Ubiquitin-specific-processing protease 48) (Deubiquitinating enzyme 48) - Mus musculus (Mouse)	122607	0	21	0	19
Q8BHT6	Beta-1,3-glucosyltransferase (EC 2.4.1.-) (Beta3Glc-T) (Beta-3-glycosyltransferase-like) - Mus musculus (Mouse)	55964	0	21	0	4
Q9ERH6	Modulator of apoptosis 1 (MAP-1) - Mus musculus (Mouse)	39664	0	21	0	7
Q8VEA8	Ras-related protein Rab-7b - Mus musculus (Mouse)	22716	0	21	0	10
Q8VDC1	FYVE and coiled-coil domain-containing protein 1 - Mus musculus (Mouse)	164060	0	21	0	27
Q9D799	Methionyl-tRNA formyltransferase, mitochondrial precursor (EC 2.1.2.9) (MtFMT) - Mus musculus (Mouse)	43518	0	21	0	6
Q9QY61	Iroquois-class homeodomain protein IRX-4 (Iroquois homeobox protein 4) (Homeodomain protein IRXA3) - Mus musculus (Mouse)	55237	0	21	0	4
Q64519	Syndecan-3 precursor (SYND3) - Mus musculus (Mouse)	45973	0	21	0	4
P97805	Protein FAM3D precursor (Oncoprotein-induced protein 1) (Protein EF-7) - Mus musculus (Mouse)	25200	0	21	0	3

Q61334	B-cell receptor-associated protein 29 (BCR-associated protein Bap29) - Mus musculus (Mouse)	28003	0	20	0	4
Q8CC84	LysM and putative peptidoglycan binding domain-containing protein 4 - Mus musculus (Mouse)	31925	0	20	0	3
Q8R411	Ataxin-7 (Spinocerebellar ataxia type 7 protein homolog) - Mus musculus (Mouse)	93859	0	20	0	17
Q9WVB3	Transducin-like enhancer protein 6 (Groucho-related protein 6) - Mus musculus	65930	0	20	0	4
Q8BG67	Protein EFR3-like - Mus musculus (Mouse)	93466	0	20	0	16
Q60597	2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor (EC 1.2.4.2) (Alpha-ketoglutarate dehydrogenase) - Mus musculus (Mouse)	117298	0	20	0	41
Q8BH34	Semaphorin-3D precursor - Mus musculus (Mouse)	90632	0	20	0	6
P20108	Thioredoxin-dependent peroxide reductase, mitochondrial precursor (EC 1.11.1.15) (Perioredoxin-3) (PRX III) (Antioxidant protein 1) (AOP-1) (Protein MER5) - Mus musculus (Mouse)	28337	0	20	0	3
Q9Z138	Tyrosine-protein kinase transmembrane receptor ROR2 precursor (EC 2.7.10.1) (Neurotrophic tyrosine kinase, receptor-related 2) (mROR2) - Mus musculus (Mouse)	106693	0	20	0	4
Q9DCC8	Mitochondrial import receptor subunit TOM20 homolog (Mitochondrial 20 kDa outer membrane protein) (Outer mitochondrial membrane receptor Tom20) - Mus musculus (Mouse)	16445	0	20	0	2
P46471	26S protease regulatory subunit 7 (Proteasome 26S subunit ATPase 2) (Protein MSS1) - Mus musculus (Mouse)	49016	0	20	0	7
Q61670	Homeobox protein HLX1 - Mus musculus (Mouse)	50276	0	20	0	3
Q91WE1	Sorting nexin-15 - Mus musculus (Mouse)	37776	0	20	0	4

P08775	DNA-directed RNA polymerase II largest subunit (EC 2.7.7.6) (RPB1) - Mus musculus (Mouse)	218408	0	20	0	31
P97770	THUMP domain-containing protein 3 (GtROSA26asSor) - Mus musculus (Mouse)	57251	0	20	0	10
Q9CQZ0	ORM1-like protein 2 - Mus musculus (Mouse)	17378	0	20	0	5
P25799	Nuclear factor NF-kappa-B p105 subunit (DNA-binding factor KBF1) (EBP-1) (NF-kappa-B1 p84/NF-kappa-B1 p98) [Contains: Nuclear factor NF-kappa-B p50 subunit] - Mus musculus (Mouse)	106373	0	20	0	13
P01897	H-2 class I histocompatibility antigen, L-D alpha chain precursor - Mus musculus (Mouse)	41027	0	20	0	2
Q9QXY7	Membrane transport protein XK (XK-related protein 1) (XK homolog) - Mus musculus (Mouse)	52107	0	20	0	7
Q8C033	Rho guanine nucleotide exchange factor 10 - Mus musculus (Mouse)	149335	0	20	0	9
Q9JK84	Partitioning defective 6 homolog gamma (PAR-6 gamma) (PAR6A) - Mus musculus (Mouse)	42429	0	20	0	5
P04444	Hemoglobin subunit beta-H1 (Hemoglobin beta-H1 chain) (Beta-H1-globin) (Protein Z) - Mus musculus (Mouse)	16541	0	20	0	4
Q9DBB4	NMDA receptor-regulated 1-like protein (NARG1-like protein) - Mus musculus (Mouse)	102302	0	20	0	15
Q8VE92	RNA-binding protein 4B (RNA-binding motif protein 4B) (RNA-binding protein 30) (RNA-binding motif protein 30) - Mus musculus (Mouse)	40308	0	20	0	13
Q8R1X6	Spartin - Mus musculus (Mouse)	73237	0	20	0	7
Q6EJB6	U3 small nucleolar RNA-associated protein 14 homolog B (Juvenile spermatogonial depletion protein) - Mus musculus (Mouse)	86160	0	20	0	18

Q80XK6	Uncharacterized protein C14orf103 homolog - Mus musculus (Mouse)	101278	0	20	0	33
Q9WUB0	RanBP-type and C3HC4-type zinc finger-containing protein 1 (Ubiquitin-conjugating enzyme 7-interacting protein 3) (UbcM4-interacting protein 28) - Mus musculus (Mouse)	58132	0	20	0	6
O88809	Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X) (Doublin) - Mus musculus (Mouse)	40872	0	20	0	4
O35615	Zinc finger protein ZFPM1 (Zinc finger protein multitype 1) (Friend of GATA protein 1) (Friend of GATA-1) (FOG-1) - Mus musculus (Mouse)	107571	0	20	0	7
Q01705	Neurogenic locus notch homolog protein 1 precursor (Notch 1) (Motch A) (mT14) (p300) [Contains: Notch 1 extracellular truncation; Notch 1 intracellular domain] - Mus musculus (Mouse)	285104	0	20	0	5
Q01320	DNA topoisomerase 2-alpha (EC 5.99.1.3) (DNA topoisomerase II, alpha isozyme) - Mus musculus (Mouse)	173567	0	20	0	27
Q3UMF0	Cordon-bleu protein-like 1 (Cobl-related protein 1) - Mus musculus (Mouse)	137924	0	20	0	16
Q9EQQ9	Bifunctional protein NCOAT (Nuclear cytoplasmic O-GlcNAcase and acetyltransferase) (Meningioma-expressed antigen 5) [Includes: Beta-hexosaminidase (EC 3.2.1.52) (N-acetyl-beta-glucosaminidase) (Beta-N-acetylhexosaminidase) (Hexosaminidase C) (N-acet	104179	0	20	0	4
Q64429	Cytochrome P450 1B1 (EC 1.14.14.1) (CYPIB1) (P450CMEF) (P450EF) - Mus musculus (Mouse)	60999	0	20	0	13

Q80ZV0	Ribonuclease H2 subunit B (RNase H2 subunit B) (Ribonuclease HI subunit B) (Deleted in lymphocytic leukemia 8 homolog) - Mus musculus (Mouse)	34821	0	20	0	8
Q9D8K8	Solute carrier family 25 member 39 - Mus musculus (Mouse)	39538	0	20	0	1
P20352	Tissue factor precursor (TF) (Coagulation factor III) (CD142 antigen) - Mus musculus (Mouse)	33256	0	20	0	1
P40336	Vacuolar protein sorting-associated protein 26A (Vesicle protein sorting 26A) (mVPS26) (H<beta>58 protein) (H beta 58) - Mus musculus (Mouse)	38204	0	20	0	3
P13412	Troponin I, fast skeletal muscle (Troponin I, fast-twitch isoform) - Mus musculus (Mouse)	21515	0	20	0	1
Q9WVC8	Chloride anion exchanger (Protein DRA) (Down-regulated in adenoma) (Solute carrier family 26 member 3) - Mus musculus (Mouse)	84107	0	20	0	5
Q8VCM7	Fibrinogen gamma chain precursor - Mus musculus (Mouse)	50044	0	20	0	19
Q9EQK5	Major vault protein (MVP) - Mus musculus (Mouse)	96178	0	20	0	11
Q6PAM1	Alpha-taxilin - Mus musculus (Mouse)	62787	0	20	0	48
Q8VBT1	Beta-taxilin (Muscle-derived protein 77) - Mus musculus (Mouse)	77730	0	20	0	5
Q9Z2H5	Band 4.1-like protein 1 (Neuronal protein 4.1) (4.1N) - Mus musculus (Mouse)	98881	0	20	0	7
Q8CCJ3	Uncharacterized protein KIAA0776 - Mus musculus (Mouse)	90035	0	20	0	17
Q8R016	Bleomycin hydrolase (EC 3.4.22.40) (BLM hydrolase) (BMH) (BH) - Mus musculus (Mouse)	53104	0	20	0	8

Q54732	Matrix metalloproteinase-15 precursor (EC 3.4.24.-) (MMP-15) (Membrane-type matrix metalloproteinase 2) (MT-MMP2) (MTMMP2) (Membrane-type-2 matrix metalloproteinase) (MT2-MMP) (MT2MMP) - Mus musculus (Mouse)	75074	0	20	0	1
P08920	T-cell surface antigen CD2 precursor (T-cell surface antigen T11/Leu-5) (LFA-2) (LFA-3 receptor) (Lymphocyte antigen 37) (Ly-37) - Mus musculus (Mouse)	38903	0	20	0	4
Q9D4H9	PHD finger protein 14 - Mus musculus (Mouse)	100811	0	20	0	7
Q8K093	Thyrotropin-releasing hormone-degrading ectoenzyme (EC 3.4.19.6) (TRH-degrading ectoenzyme) (TRH-DE) (TRH-specific aminopeptidase) (Thyroliberinase) (Pyroglutamyl-peptidase II) (PAP-II) - Mus musculus (Mouse)	117897	0	20	0	6
Q6A068	Cell division cycle 5-related protein (Cdc5-like protein) - Mus musculus (Mouse)	92361	0	20	0	9
Q9Z0U1	Tight junction protein ZO-2 (Zonula occludens 2 protein) (Zona occludens 2 protein) (Tight junction protein 2) - Mus musculus (Mouse)	131428	0	20	0	12
P08680	5-aminolevulinic acid synthase, erythroid-specific, mitochondrial precursor (EC 2.3.1.37) (5-aminolevulinic acid synthase) (Delta-aminolevulinic acid synthase) (Delta-ALA synthetase) (ALAS-E) - Mus musculus (Mouse)	65510	0	20	0	10
Q68FE8	Suppressor of hairy wing homolog 4 - Mus musculus (Mouse)	109820	0	20	0	12
P97926	Oxytocin receptor (OT-R) - Mus musculus (Mouse)	43579	0	20	0	4
Q5SWU9	Acetyl-CoA carboxylase 1 (EC 6.4.1.2) (ACC-alpha) (Acetyl-CoA carboxylase 265) [Includes: Biotin carboxylase (EC 6.3.4.14)] - Mus musculus (Mouse)	266685	0	20	0	33
P51125	Calpastatin (Calpain inhibitor) - Mus musculus (Mouse)	85099	0	20	0	13

Q923J1	Transient receptor potential cation channel subfamily M member 7 (EC 2.7.11.1) (Long transient receptor potential channel 7) (LTrpC7) (Channel-kinase 1) (Transient receptor potential-phospholipase C-interacting kinase) (TRP-PLIK) - Mus musculus (Mou	214372	0	20	0	9
Q99MZ3	Williams-Beuren syndrome chromosome region 14 protein homolog (Mlx interactor) (MLX-interacting protein-like) - Mus musculus (Mouse)	95443	0	20	0	7
P30204	Macrophage scavenger receptor types I and II (Macrophage acetylated LDL receptor I and II) (Scavenger receptor type A) (SR-A) - Mus musculus (Mouse)	50669	0	19	0	5
Q7TS72	Inositol-trisphosphate 3-kinase C (EC 2.7.1.127) (Inositol 1,4,5-trisphosphate 3-kinase C) (IP3K-C) - Mus musculus (Mouse)	75359	0	19	0	4
Q69ZU6	Thrombospondin type-1 domain-containing protein 7A precursor - Mus musculus (Mouse)	190990	0	19	0	33
Q35136	Neural cell adhesion molecule 2 precursor (N-CAM 2) (RB-8 neural cell adhesion molecule) (R4B12) - Mus musculus (Mouse)	93944	0	19	0	6
Q88379	Bromodomain adjacent to zinc finger domain protein 1A (Cbp146) - Mus musculus (Mouse)	179917	0	19	0	16
Q99P68	Sclerostin precursor - Mus musculus (Mouse)	24055	0	19	0	3
Q9D7X1	BTB/POZ domain-containing protein KCTD4 - Mus musculus (Mouse)	30302	0	19	0	3
P70404	Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial precursor (EC 1.1.1.41) (Isocitric dehydrogenase) (NAD(+)-specific ICDH) - Mus musculus (Mouse)	43157	0	19	0	12
Q99JY9	Actin-like protein 3 (Actin-related protein 3) - Mus musculus (Mouse)	47783	0	19	0	3

Q9WVF7	DNA polymerase epsilon, catalytic subunit A (EC 2.7.7.7) (DNA polymerase II subunit A) - Mus musculus (Mouse)	264597	0	19	0	12
Q91ZF0	DPH4 homolog (CSL-type zinc finger-containing protein 3) (J domain protein DjC7) - Mus musculus (Mouse)	22597	0	19	0	5
Q9DBJ3	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1 (BAI1-associated protein 2-like protein 1) - Mus musculus (Mouse)	57494	0	19	0	19
P31230	Multisynthetase complex auxiliary component p43 [Contains: Endothelial monocyte-activating polypeptide 2 (EMAP-II) (Small inducible cytokine subfamily E member 1)] - Mus musculus (Mouse)	34318	0	19	0	10
Q6P5G6	UBX domain-containing protein 7 - Mus musculus (Mouse)	52531	0	19	0	1
Q03265	ATP synthase subunit alpha, mitochondrial precursor (EC 3.6.3.14) - Mus musculus (Mouse)	59830	0	19	0	15
Q5I2A0	Serine protease inhibitor A3G (Serine protease inhibitor 2A) (Serp1n A3G) (Serp1n 2A) - Mus musculus (Mouse)	49389	0	19	0	6
P23578	Acrosin precursor (EC 3.4.21.10) [Contains: Acrosin light chain; Acrosin heavy chain] - Mus musculus (Mouse)	49639	0	19	0	7
Q9DCN2	NADH-cytochrome b5 reductase (EC 1.6.2.2) (B5R) (Diaphorase-1) (Cytochrome b5 reductase 3) [Contains: NADH-cytochrome b5 reductase membrane-bound form; NADH-cytochrome b5 reductase soluble form] - Mus musculus (Mouse)	34334	0	19	0	5
P51175	Protoporphyrinogen oxidase (EC 1.3.3.4) (PPO) - Mus musculus (Mouse)	51238	0	19	0	10
Q9QWW1	Homer protein homolog 2 (Homer-2) (Cupidin) (VASP/Ena-related gene up-regulated during seizure and LTP 2) (Vesl-2) - Mus musculus (Mouse)	40773	0	19	0	3
Q8CGA2	TBC1 domain family member 14 - Mus musculus (Mouse)	77563	0	19	0	10

Q7TQ62	Podocan precursor - Mus musculus (Mouse)	68904	0	19	0	2
Q9Z1W9	STE20/SPS1-related proline-alanine-rich protein kinase (EC 2.7.11.1) (Ste-20-related kinase) (Serine/threonine-protein kinase 39) - Mus musculus (Mouse)	60795	0	19	0	10
Q6P9R2	Serine/threonine-protein kinase OSR1 (EC 2.7.11.1) (Oxidative stress-responsive 1 protein) - Mus musculus (Mouse)	58462	0	19	0	7
P70245	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase (EC 5.3.3.5) (Cholestenol Delta-isomerase) (Delta(8)-Delta(7) sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein) - Mus musculus (Mouse)	26426	0	19	0	3
Q91W36	Ubiquitin carboxyl-terminal hydrolase 3 (EC 3.1.2.15) (Ubiquitin thioesterase 3) (Ubiquitin-specific-processing protease 3) (Deubiquitinating enzyme 3) - Mus musculus (Mouse)	60427	0	19	0	7
Q9CYH2	Uncharacterized protein C10orf58 homolog precursor - Mus musculus (Mouse)	24493	0	19	0	3
P70700	DNA-directed RNA polymerase I 135 kDa polypeptide (EC 2.7.7.6) (RNA polymerase I subunit 2) (RPA135) - Mus musculus (Mouse)	129603	0	19	0	11
P51791	Chloride channel protein 3 (ClC-3) - Mus musculus (Mouse)	85447	0	19	0	15
Q99MR1	PERQ amino acid-rich with GYF domain-containing protein 1 (Grb10-interacting GYF protein 1) - Mus musculus (Mouse)	116623	0	19	0	18
P13020	Gelsolin precursor (Actin-depolymerizing factor) (ADF) (Brevin) - Mus musculus (Mouse)	86287	0	19	0	9
Q05920	Pyruvate carboxylase, mitochondrial precursor (EC 6.4.1.1) (Pyruvic carboxylase) (PCB) - Mus musculus (Mouse)	130344	0	19	0	16

O70481	E3 ubiquitin-protein ligase UBR1 (EC 6.3.2.-) (N-recognin-1) (Ubiquitin-protein ligase E3-alpha-1) (Ubiquitin-protein ligase E3-alpha-1) - Mus musculus (Mouse)	203451	0	19	0	9
Q8K4I3	Rho guanine nucleotide exchange factor 6 (Rac/Cdc42 guanine nucleotide exchange factor 6) - Mus musculus (Mouse)	88307	0	19	0	12
Q7TSH3	Zinc finger protein 516 - Mus musculus (Mouse)	126820	0	19	0	7
P01849	T-cell receptor alpha chain C region - Mus musculus (Mouse)	15656	0	19	0	8
P46460	Vesicle-fusing ATPase (EC 3.6.4.6) (Vesicular-fusion protein NSF) (N-ethylmaleimide sensitive fusion protein) (NEM-sensitive fusion protein) (Suppressor of K(+) transport growth defect 2) (Protein SKD2) - Mus musculus (Mouse)	83083	0	19	0	20
Q9QXN3	Activating signal cointegrator 1 (ASC-1) (Thyroid receptor-interacting protein 4) (TRIP-4) - Mus musculus (Mouse)	67078	0	19	0	8
Q9QXV3	Inhibitor of growth protein 1 - Mus musculus (Mouse)	32545	0	19	0	4
Q8C0T5	Signal-induced proliferation-associated 1-like protein 1 - Mus musculus (Mouse)	198106	0	19	0	38
Q91XD2	LIM and senescent cell antigen-like-containing domain protein 2 (Particularly interesting new Cys-His protein 2) (PINCH-2) - Mus musculus (Mouse)	40943	0	19	0	3
Q925U4	ER degradation-enhancing alpha-mannosidase-like 1 - Mus musculus (Mouse)	74167	0	19	0	5
Q9WTR5	Cadherin-13 precursor (Truncated-cadherin) (T-cadherin) (T-cad) (Heart-cadherin) (H-cadherin) - Mus musculus (Mouse)	78636	0	19	0	8
Q8BMG1	ATR-interacting protein (ATM and Rad3-related-interacting protein) - Mus musculus (Mouse)	86848	0	19	0	5
Q8BSD5	SH2 domain-containing adapter protein E - Mus musculus (Mouse)	53605	0	19	0	15

P13439	Uridine 5~-monophosphate synthase (UMP synthase) [Includes: Orotate phosphoribosyltransferase (EC 2.4.2.10) (OPRTase); Orotidine 5~-phosphate decarboxylase (EC 4.1.1.23) (OMPdecase)] - Mus musculus (Mouse)	52773	0	19	0	6
Q812A2	SLIT-ROBO Rho GTPase-activating protein 3 (srGAP3) (srGAP2) (WAVE-associated Rac GTPase-activating protein) (WRP) (Rho GTPase-activating protein 14) - Mus musculus (Mouse)	125311	0	19	0	14
Q9CR29	Coiled-coil domain-containing protein 43 - Mus musculus (Mouse)	25091	0	19	0	3
Q9D2J7	Ankyrin repeat domain-containing protein 5 - Mus musculus (Mouse)	87590	0	19	0	11
P15247	Interleukin-9 precursor (IL-9) (T-cell growth factor P40) (P40 cytokine) - Mus musculus (Mouse)	16634	0	19	0	7
Q9JMK2	Casein kinase I isoform epsilon (EC 2.7.11.1) (CKI-epsilon) (CKIe) - Mus musculus (Mouse)	47577	0	19	0	34
Q9QZ57	Heat-shock protein beta-3 (HspB3) - Mus musculus (Mouse)	17333	0	19	0	9
Q8BYR5	Calcium-dependent secretion activator 2 (Calcium-dependent activator protein for secretion 2) (CAPS-2) - Mus musculus (Mouse)	148945	0	19	0	52
P15501	Prostatic spermine-binding protein precursor (SBP) (Major prostatic secretory glycoprotein) (P25) - Mus musculus (Mouse)	22124	0	19	0	2
Q60954	Homeobox protein Meis1 (Myeloid ecotropic viral integration site 1) - Mus musculus (Mouse)	43317	0	19	0	5
Q9R0G8	Nik-related protein kinase (EC 2.7.11.1) (Nck-interacting kinase-like embryo specific kinase) (NIK-like embryo-specific kinase) (NESK) - Mus musculus (Mouse)	164543	0	19	0	8

Q9EQU5	Protein SET (Phosphatase 2A inhibitor I2PP2A) (I-2PP2A) (Template-activating factor I) (TAF-I) - Mus musculus (Mouse)	33358	0	19	0	5
Q6PE01	WD repeat protein 57 - Mus musculus (Mouse)	39707	0	19	0	4
Q78PY7	Staphylococcal nuclease domain-containing protein 1 (p100 co-activator) (100 kDa coactivator) - Mus musculus (Mouse)	102709	0	19	0	13
Q9CQ56	Vesicle transport protein USE1 (USE1-like protein) (Protein D12) - Mus musculus (Mouse)	30802	0	19	0	14
P52875	Transmembrane protein 165 (Transmembrane protein TPARG) (TPA-regulated locus protein) (Transmembrane protein PFT27) - Mus musculus (Mouse)	34940	0	19	0	3
Q7TQ95	Protein lunapark (Protein ulnaless) - Mus musculus (Mouse)	47755	0	19	0	24
P02301	Histone H3-like (Embryonic) - Mus musculus (Mouse)	15088	0	19	0	21
Q8CEE6	PAS domain-containing serine/threonine-protein kinase (EC 2.7.11.1) (PAS-kinase) (PASKIN) - Mus musculus (Mouse)	153634	0	18	0	14
Q9Z2V6	Histone deacetylase 5 (HD5) (Histone deacetylase mHDA1) - Mus musculus (Mouse)	121779	0	18	0	24
P23204	Peroxisome proliferator-activated receptor alpha (PPAR-alpha) - Mus musculus (Mouse)	53453	0	18	0	1
Q9QWF0	Chromatin assembly factor 1 subunit A (CAF-1 subunit A) (Chromatin assembly factor I p150 subunit) (CAF-I 150 kDa subunit) (CAF-Ip150) - Mus musculus (Mouse)	103297	0	18	0	16
Q9CPV1	Spindle and kinetochore-associated protein 1 - Mus musculus (Mouse)	29711	0	18	0	8
Q8R0A6	V-set and transmembrane domain-containing protein 2 precursor - Mus musculus (Mouse)	25900	0	18	0	7
Q80TZ9	Arginine-glutamic acid dipeptide repeats protein (Atrophin-2) - Mus musculus (Mouse)	172759	0	18	0	9

Q88697	Serine/threonine-protein kinase 16 (EC 2.7.11.1) (Protein kinase PKL12) (Myristoylated and palmitoylated serine/threonine-protein kinase) (MPSK) (TGF-beta-stimulated factor 1) (TSF-1) (Protein kinase Krct) - Mus musculus (Mouse)	34759	0	18	0	2
P06799	Interferon alpha-7 precursor - Mus musculus (Mouse)	22045	0	18	0	2
Q8R422	CD109 antigen homolog precursor (GPI-anchored alpha-2 macroglobulin-related protein) - Mus musculus (Mouse)	162356	0	18	0	6
Q9JLJ4	Elongation of very long chain fatty acids protein 2 - Mus musculus (Mouse)	34470	0	18	0	3
Q99L88	Beta-1-syntrophin (59 kDa dystrophin-associated protein A1 basic component 1) (DAPA1B) (Syntrophin 2) - Mus musculus (Mouse)	58444	0	18	0	12
Q9CQH0	PDZK1-interacting protein 1 (17 kDa membrane-associated protein) - Mus musculus (Mouse)	12404	0	18	0	2
P21981	Protein-glutamine gamma-glutamyltransferase 2 (EC 2.3.2.13) (Tissue transglutaminase) (TGase C) (TGC) (TG(C)) (Transglutaminase-2) - Mus musculus (Mouse)	78138	0	18	0	5
Q8BX02	Ankyrin repeat domain-containing protein 25 - Mus musculus (Mouse)	90988	0	18	0	6
P35821	Tyrosine-protein phosphatase non-receptor type 1 (EC 3.1.3.48) (Protein-tyrosine phosphatase 1B) (PTP-1B) (Protein-protein-tyrosine phosphatase HA2) (PTP-HA2) - Mus musculus (Mouse)	50189	0	18	0	3
O70445	BRCA1-associated RING domain protein 1 (BARD-1) - Mus musculus (Mouse)	85683	0	18	0	12
Q8K3Z0	Caspase recruitment domain-containing protein 15 (Protein Nod2) - Mus musculus (Mouse)	115257	0	18	0	8
Q55106	Striatin - Mus musculus (Mouse)	86417	0	18	0	17

P50429	Arylsulfatase B precursor (EC 3.1.6.12) (ASB) (N-acetylgalactosamine-4-sulfatase) (G4S) - Mus musculus (Mouse)	60179	0	18	0	8
Q9D8P4	39S ribosomal protein L17, mitochondrial precursor (L17mt) (MRP-L17) - Mus musculus (Mouse)	20294	0	18	0	5
Q921L5	Conserved oligomeric Golgi complex component 2 (Low density lipoprotein receptor defect C-complementing protein) - Mus musculus (Mouse)	82446	0	18	0	12
Q8VC34	UPF0385 protein C1orf82 homolog - Mus musculus (Mouse)	69343	0	18	0	9
Q8R3I3	Conserved oligomeric Golgi complex component 6 - Mus musculus (Mouse)	68268	0	18	0	16
Q9CR53	Neuromedin-B precursor [Contains: Neuromedin-B-32; Neuromedin-B] - Mus musculus (Mouse)	13562	0	18	0	16
Q8K382	DENN domain-containing protein 1A - Mus musculus (Mouse)	112065	0	18	0	6
Q9QYR6	Microtubule-associated protein 1A (MAP 1A) - Mus musculus (Mouse)	301326	0	18	0	25
Q9CQW3	Vitamin K-dependent protein Z precursor - Mus musculus (Mouse)	45587	0	18	0	7
Q8VCC1	15-hydroxyprostaglandin dehydrogenase [NAD+] (EC 1.1.1.141) (PGDH) (Prostaglandin dehydrogenase 1) - Mus musculus (Mouse)	29390	0	18	0	9
Q99LH1	Nucleolar GTP-binding protein 2 - Mus musculus (Mouse)	83563	0	18	0	11
Q810B6	Ankyrin repeat and FYVE domain-containing protein 1 (Ankyrin repeats hooked to a zinc finger motif) - Mus musculus (Mouse)	130177	0	18	0	16
Q35367	Keratocan precursor (KTN) (Keratan sulfate proteoglycan keratocan) - Mus musculus (Mouse)	40777	0	18	0	10
Q923S6	Neutralized-like protein 1 (m-neutralized 1) (m-neu1) - Mus musculus (Mouse)	63107	0	18	0	9

Q4LFA9	Semaphorin-3G precursor - Mus musculus (Mouse)	87895	0	18	0	11
P48410	ATP-binding cassette sub-family D member 1 (Adrenoleukodystrophy protein) (ALDP) - Mus musculus (Mouse)	82320	0	18	0	6
Q61176	Arginase-1 (EC 3.5.3.1) (Type I arginase) (Liver-type arginase) - Mus musculus (Mouse)	34957	0	18	0	11
P06837	Neuromodulin (Axonal membrane protein GAP-43) (Growth-associated protein 43) (Calmodulin-binding protein P-57) - Mus musculus (Mouse)	23732	0	18	0	8
Q8BVG4	Dipeptidyl peptidase 9 (EC 3.4.14.5) (Dipeptidyl peptidase IX) (DP9) (Dipeptidyl peptidase-like protein 9) (DPLP9) - Mus musculus (Mouse)	98965	0	18	0	1
Q80XR2	Calcium-transporting ATPase type 2C member 1 (EC 3.6.3.8) (ATPase 2C1) (ATP-dependent Ca(2+) pump PMR1) - Mus musculus (Mouse)	101320	0	18	0	19
O35488	Very-long-chain acyl-CoA synthetase (EC 6.2.1.-) (VLCS) (Very-long-chain-fatty-acid-CoA ligase) (VLACS) (THCA-CoA ligase) (Fatty-acid-coenzyme A ligase, very long-chain 1) (Long-chain-fatty-acid--CoA ligase) (EC 6.2.1.3) (Fatty acid transport protei	71120	0	18	0	5
Q9D424	Calcium-binding tyrosine phosphorylation-regulated protein (Calcium-binding protein 86) (Testis-specific calcium-binding protein CBP86) - Mus musculus (Mouse)	48531	0	18	0	7
Q7TN58	Transmembrane channel-like protein 8 (Epidermodysplasia verruciformis protein 2 homolog) - Mus musculus (Mouse)	83303	0	18	0	9
Q9R226	KH domain-containing, RNA-binding, signal transduction-associated protein 3 (Sam68-like mammalian protein 2) (SLM-2) (RNA-binding protein Etoile) - Mus musculus (Mouse)	38784	0	18	0	6

P39688	Proto-oncogene tyrosine-protein kinase Fyn (EC 2.7.10.2) (p59-Fyn) - Mus musculus (Mouse)	60533	0	18	0	3
P59281	Protein KIAA1688 - Mus musculus (Mouse)	126268	0	18	0	15
Q7TT79	Microcephalin - Mus musculus (Mouse)	91514	0	18	0	34
P41241	Tyrosine-protein kinase CSK (EC 2.7.10.2) (C-SRC kinase) (Protein-tyrosine kinase MPK-2) (p50CSK) - Mus musculus (Mouse)	51094	0	18	0	7
Q9CSP9	Tetratricopeptide repeat protein 14 (TPR repeat protein 14) - Mus musculus (Mouse)	87252	0	18	0	16
Q8R368	Dyslexia susceptibility 1 candidate gene 1 protein homolog - Mus musculus (Mouse)	48552	0	18	0	2
Q80YA9	Connector enhancer of kinase suppressor of ras 2 (Connector enhancer of KSR2) (CNK2) - Mus musculus (Mouse)	118463	0	18	0	15
Q5XG71	Small subunit processome component 20 homolog (Down-regulated in metastasis protein) - Mus musculus (Mouse)	320222	0	18	0	18
Q9CR88	Mitochondrial 28S ribosomal protein S14 (S14mt) (MRP-S14) - Mus musculus (Mouse)	15025	0	18	0	5
Q9D3E6	Cohesin subunit SA-1 (Stromal antigen 1) (SCC3 homolog 1) - Mus musculus (Mouse)	145537	0	18	0	18
P60469	Liprin-alpha-3 (Protein tyrosine phosphatase receptor type f polypeptide-interacting protein alpha-3) (PTPRF-interacting protein alpha-3) - Mus musculus (Mouse)	116664	0	18	0	16
Q35250	Exocyst complex component 7 (Exocyst complex component Exo70) - Mus musculus (Mouse)	80139	0	18	0	16
Q3UHC7	Disabled homolog 2-interacting protein (DAB2-interacting protein) - Mus musculus (Mouse)	132613	0	18	0	9
Q9DBE9	Putative rRNA methyltransferase 3 (EC 2.1.1.-) (rRNA (uridine-2~-O)-methyltransferase 3) - Mus musculus (Mouse)	95873	0	18	0	18

P35396	Peroxisome proliferator-activated receptor delta (PPAR-delta) (PPAR-beta) (Nuclear hormone receptor 1) (NUC1) - Mus musculus (Mouse)	50481	0	18	0	5
Q8R2U7	Leucine-rich repeat-containing protein 42 - Mus musculus (Mouse)	48660	0	18	0	7
Q571F8	Glutaminase liver isoform, mitochondrial precursor (EC 3.5.1.2) (GLS) (L-glutamine amidohydrolase) (L-glutaminase) - Mus musculus (Mouse)	67178	0	18	0	6
Q9Z148	Histone-lysine N-methyltransferase, H3 lysine-9 specific 3 (EC 2.1.1.43) (Histone H3-K9 methyltransferase 3) (H3-K9-HMTase 3) (Euchromatic histone-lysine N-methyltransferase 2) (HLA-B-associated transcript 8) (Protein G9a) - Mus musculus (Mouse)	140404	0	18	0	7
Q6PG04	Coiled-coil domain-containing protein 82 - Mus musculus (Mouse)	61484	0	18	0	9
Q8K2Y9	Malcavernin (Cerebral cavernous malformations protein 2 homolog) (Osmosensing scaffold for MEKK3) - Mus musculus (Mouse)	50342	0	18	0	5
P17710	Hexokinase-1 (EC 2.7.1.1) (Hexokinase type I) (HK I) (Hexokinase, tumor isozyme) - Mus musculus (Mouse)	109544	0	18	0	13
Q4PZA2	Endothelin-converting enzyme 1 (EC 3.4.24.71) (ECE-1) - Mus musculus (Mouse)	87815	0	18	0	12
Q8K268	ATP-binding cassette sub-family F member 3 - Mus musculus (Mouse)	80214	0	18	0	7

Q91WG8	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase (UDP-GlcNAc-2-epimerase/ManAc kinase) [Includes: UDP-N-acetylglucosamine 2-epimerase (EC 5.1.3.14) (Uridine diphosphate-N-acetylglucosamine-2-epimerase) (UDP-GlcNAc-2-epimer	80174	0	18	0	9
Q80V94	AP-4 complex subunit epsilon-1 (Adapter-related protein complex 4 epsilon-1 subunit) (Epsilon subunit of AP-4) (AP-4 adapter complex epsilon subunit) - Mus musculus (Mouse)	125867	0	18	0	15
Q8BGT9	Polypeptide N-acetylgalactosaminyltransferase 12 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 12) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 12) (Polypeptide GalNAc transferase 12) (GalNAc-T12) (pp-GaNTase 12) - Mus musculus (Mouse)	67354	0	18	0	10
Q8CFC7	Splicing factor, arginine/serine-rich 16 (Suppressor of white-apricot homolog 2) (Clk4-associating SR-related protein) - Mus musculus (Mouse)	75004	0	18	0	6
Q6PDZ2	TATA box-binding protein-associated factor RNA polymerase I subunit C (TATA box-binding protein-associated factor 1C) (TBP-associated factor 1C) (TBP-associated factor RNA polymerase I 95 kDa) (TAFI95) - Mus musculus (Mouse)	92707	0	18	0	8
Q3TQB2	FAD-dependent oxidoreductase domain-containing protein 1 - Mus musculus (Mouse)	54486	0	18	0	5
P01674	Ig kappa chain V-III region PC 2154 - Mus musculus (Mouse)	11806	0	18	0	6

Q9CQQ4	Survival of motor neuron protein-interacting protein 1 (SMN-interacting protein 1) (Component of gems 2) (Gemin-2) - Mus musculus (Mouse)	30878	0	18	0	8
Q65CL1	Catenin alpha-3 (Alpha T-catenin) (Cadherin-associated protein) - Mus musculus (Mouse)	100652	0	18	0	15
O88874	Cyclin-K - Mus musculus (Mouse)	61736	0	18	0	6
Q61012	Guanine nucleotide-binding protein G(T) gamma-T1 subunit precursor (Transducin gamma chain) - Mus musculus (Mouse)	8693	0	18	0	1
P97438	Potassium channel subfamily K member 2 (Outward rectifying potassium channel protein TREK-1) (Two-pore potassium channel TPKC1) (TREK-1 K(+) channel subunit) - Mus musculus (Mouse)	45554	0	18	0	1
Q7TMA4	G-protein coupled receptor 120 (G-protein coupled receptor GT01) - Mus musculus (Mouse)	41300	0	18	0	2
Q3UA37	Glutamine-rich protein 1 - Mus musculus (Mouse)	86958	0	18	0	23
Q9QYB8	Beta-adducin (Erythrocyte adducin subunit beta) (Add97) - Mus musculus (Mouse)	81047	0	18	0	18
Q9Z0N2	Eukaryotic translation initiation factor 2 subunit 3, Y-linked (Eukaryotic translation initiation factor 2 subunit gamma, Y-linked) (eIF-2-gamma Y) - Mus musculus (Mouse)	51668	0	18	0	6
Q8C7G5	Apolipoprotein A-V precursor (Apolipoprotein A5) (ApoAV) (ApoA-V) (Regeneration-associated protein 3) - Mus musculus (Mouse)	41294	0	18	0	4
Q8R2K7	snRNA-activating protein complex subunit 5 (SNAPc subunit 5) (snRNA-activating protein complex 19 kDa subunit) (SNAPc 19 kDa subunit) (Small nuclear RNA-activating complex polypeptide 5) - Mus musculus (Mouse)	11390	0	18	0	10

Q8BGA5	KRR1 small subunit processome component homolog (HIV-1 Rev-binding protein 2 homolog) - Mus musculus (Mouse)	43739	0	18	0	6
Q923Z3	Protein MTO1 homolog, mitochondrial precursor - Mus musculus (Mouse)	74855	0	18	0	18
P35802	Neuronal membrane glycoprotein M6-a (M6a) - Mus musculus (Mouse)	31870	0	18	0	1
Q8C9S4	Uncharacterized protein C10orf118 homolog (Oocyte-testis gene 1 protein) - Mus musculus (Mouse)	105635	0	18	0	50
P97481	Endothelial PAS domain-containing protein 1 (EPAS-1) (Hypoxia-inducible factor 2 alpha) (HIF-2 alpha) (HIF2 alpha) (HIF-1 alpha-like factor) (MHLF) (HIF-related factor) (HRF) - Mus musculus (Mouse)	97847	0	18	0	11
Q80Y61	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 2 (BAI1-associated protein 2-like protein 2) - Mus musculus (Mouse)	58479	0	18	0	16
Q9CQ36	DNA polymerase epsilon subunit 4 (EC 2.7.7.7) (DNA polymerase II subunit 4) (DNA polymerase epsilon subunit p12) - Mus musculus (Mouse)	12346	0	18	0	5
P19785	Estrogen receptor (ER) (Estradiol receptor) (ER-alpha) - Mus musculus (Mouse)	67653	0	18	0	6
Q9JLF6	Protein-glutamine gamma-glutamyltransferase K (EC 2.3.2.13) (Transglutaminase K) (TGase K) (TGK) (TG(K)) (Transglutaminase-1) (Epidermal TGase) - Mus musculus (Mouse)	90682	0	18	0	8
Q6VYH9	Hematopoietic SH2 domain-containing protein (Hematopoietic SH2 protein) (Adaptor in lymphocytes of unknown function X) - Mus musculus (Mouse)	37609	0	18	0	4
Q3UMG5	Leucine-rich repeat and calponin homology domain-containing protein 2 - Mus musculus (Mouse)	85734	0	18	0	5

Q3UHK1	Proton myo-inositol cotransporter (H(+)-myo-inositol cotransporter) (Hmit) - Mus musculus (Mouse)	67720	0	18	0	5
Q8K1L0	cAMP response element-binding protein 5 (CRE-BPa) - Mus musculus (Mouse)	40158	0	18	0	6
Q80X73	Protein pelota homolog - Mus musculus (Mouse)	43794	0	18	0	37
Q3UHF7	Human immunodeficiency virus type I enhancer-binding protein 2 homolog (Myc intron-binding protein 1) (MIBP-1) - Mus musculus (Mouse)	268590	0	18	0	12
O35719	DNA repair protein RAD51 homolog 2 (R51H2) (RAD51-like protein 1) - Mus musculus (Mouse)	38755	0	18	0	16
Q8CDV0	Uncharacterized protein C18orf34 homolog - Mus musculus (Mouse)	103669	0	18	0	20
Q61578	NADPH:adrenodoxin oxidoreductase, mitochondrial precursor (EC 1.18.1.2) (Adrenodoxin reductase) (AR) (Ferredoxin reductase) (Ferredoxin--NADP(+) reductase) - Mus musculus (Mouse)	54568	0	18	0	6
Q9WV27	Sodium/potassium-transporting ATPase alpha-4 chain (EC 3.6.3.9) (Sodium pump 4) (Na(+)/K(+) ATPase 4) - Mus musculus (Mouse)	115940	0	18	0	15
Q9QYY0	GRB2-associated-binding protein 1 (GRB2-associated binder 1) - Mus musculus (Mouse)	77449	0	18	0	3
Q9D0F4	NF-kappa-B-activating protein - Mus musculus (Mouse)	47370	0	18	0	3
P48999	Arachidonate 5-lipoxygenase (EC 1.13.11.34) (5-lipoxygenase) (5-LO) - Mus musculus (Mouse)	78634	0	17	0	8
O70325	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial precursor (EC 1.11.1.12) (PHGPx) (GPX-4) - Mus musculus (Mouse)	22794	0	17	0	3

Q88508	DNA (cytosine-5)-methyltransferase 3A (EC 2.1.1.37) (Dnmt3a) (DNA methyltransferase MmullIA) (DNA MTase MmullIA) (M.MmullIA) - Mus musculus (Mouse)	103204	0	17	0	17
Q9DCN1	Peroxisomal NADH pyrophosphatase NUDT12 (EC 3.6.1.22) (Nucleoside diphosphate-linked moiety X motif 12) (Nudix motif 12) - Mus musculus (Mouse)	52162	0	17	0	9
Q62245	Son of sevenless homolog 1 (SOS-1) (mSOS-1) - Mus musculus (Mouse)	151758	0	17	0	24
Q02384	Son of sevenless homolog 2 (SOS-2) (mSOS-2) - Mus musculus (Mouse)	154398	0	17	0	16
Q8R3H9	Tetratricopeptide repeat protein 4 (TPR repeat protein 4) - Mus musculus (Mouse)	44767	0	17	0	6
Q8BKC8	Phosphatidylinositol 4-kinase beta (EC 2.7.1.67) (PtdIns 4-kinase beta) (PI4Kbeta) (PI4K-beta) - Mus musculus (Mouse)	90585	0	17	0	6
P10417	Apoptosis regulator Bcl-2 - Mus musculus (Mouse)	26579	0	17	0	4
Q55013	Trafficking protein particle complex subunit 3 (BET3 homolog) - Mus musculus (Mouse)	20460	0	17	0	3
Q8BH57	WD repeat protein 48 - Mus musculus (Mouse)	76815	0	17	0	6
Q9CR00	26S proteasome non-ATPase regulatory subunit 9 (26S proteasome regulatory subunit p27) - Mus musculus (Mouse)	24876	0	17	0	4
Q8K010	5-oxoprolinase (EC 3.5.2.9) (5-oxo-L-prolinase) (Pyroglutamase) (5-OPase) - Mus musculus (Mouse)	138950	0	17	0	11
P20917	Myelin-associated glycoprotein precursor (Siglec-4a) - Mus musculus (Mouse)	70071	0	17	0	10
P23804	Ubiquitin-protein ligase E3 Mdm2 (EC 6.3.2.-) (p53-binding protein Mdm2) (Oncoprotein Mdm2) (Double minute 2 protein) - Mus musculus (Mouse)	55479	0	17	0	3

P84309	Adenylate cyclase type 5 (EC 4.6.1.1) (Adenylate cyclase type V) (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5) - Mus musculus (Mouse)	140914	0	17	0	9
Q8K083	Zinc finger protein 536 - Mus musculus (Mouse)	143254	0	17	0	12
Q9DBC3	Protein KIAA0082 - Mus musculus (Mouse)	96641	0	17	0	15
P59530	Taste receptor type 2 member 7 (T2R7) (T2R6) (T2R30) (STC7-4) (mT2R42) - Mus musculus (Mouse)	36056	0	17	0	3
Q60931	Voltage-dependent anion-selective channel protein 3 (VDAC-3) (mVDAC3) (Outer mitochondrial membrane protein porin 3) - Mus musculus (Mouse)	31076	0	17	0	2
Q8K4P1	Neuropeptide B precursor (Preproprotein L7) (mPPL7) [Contains: Neuropeptide B-29 (NPB29) (L7C)] - Mus musculus (Mouse)	13295	0	17	0	2
P35419	Thyroid peroxidase precursor (EC 1.11.1.8) (TPO) - Mus musculus (Mouse)	102988	0	17	0	6
Q9DBJ6	Josephin-1 (Josephin domain-containing protein 1) - Mus musculus (Mouse)	23422	0	17	0	4
Q9WV06	Ankyrin repeat domain-containing protein 2 (Skeletal muscle ankyrin repeat protein) (mArpp) - Mus musculus (Mouse)	36855	0	17	0	8
Q99K10	Aconitate hydratase, mitochondrial precursor (EC 4.2.1.3) (Citrate hydro-lyase) (Aconitase) - Mus musculus (Mouse)	86151	0	17	0	7
Q9QZQ1	Afadin (Protein Af-6) (Fragment) Mus musculus (Mouse)	101095	0	17	0	7
Q60902	Epidermal growth factor receptor substrate 15-like 1 (Eps15-related protein) (Eps15R) (Epidermal growth factor receptor pathway substrate 15-related sequence) (Eps15-rs) - Mus musculus (Mouse)	99405	0	17	0	8

P70362	Ubiquitin fusion degradation protein 1 homolog (UB fusion protein 1) - Mus musculus (Mouse)	34747	0	17	0	2
Q920R6	Vacuolar proton translocating ATPase 116 kDa subunit a isoform 4 (V-ATPase 116 kDa isoform a4) (Vacuolar proton translocating ATPase 116 kDa subunit a kidney isoform) - Mus musculus (Mouse)	96341	0	17	0	13
Q8BW49	Tetratricopeptide repeat protein 12 (TPR repeat protein 12) - Mus musculus (Mouse)	79901	0	17	0	10
Q9JKX3	Transferrin receptor protein 2 (TfR2) - Mus musculus (Mouse)	88689	0	17	0	7
P27048	Small nuclear ribonucleoprotein-associated protein B (snRNP-B) (Sm protein B) (Sm-B) (SmB) - Mus musculus (Mouse)	23811	0	17	0	7
Q9EPE9	Probable cation-transporting ATPase 13A1 (EC 3.6.3.-) (CATP) - Mus musculus (Mouse)	133947	0	17	0	6
Q7TPH6	Probable E3 ubiquitin-protein ligase MYCBP2 (EC 6.3.2.-) (Myc-binding protein 2) (Protein associated with Myc) (Pam/highwire/rpm-1 protein) - Mus musculus (Mouse)	525562	0	17	0	56
Q9EPW2	Krüppel-like factor 15 (Cardiovascular Krüppel-like factor) - Mus musculus (Mouse)	45023	0	17	0	7
Q80UJ7	Rab3 GTPase-activating protein catalytic subunit (RAB3 GTPase-activating protein 130 kDa subunit) (Rab3-GAP p130) (Rab3-GAP) - Mus musculus (Mouse)	111283	0	17	0	9
Q6DTY7	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 (6PF-2-K/Fru-2,6-P2ASE testis-type isozyme) [Includes: 6-phosphofructo-2-kinase (EC 2.7.1.105); Fructose-2,6-bisphosphatase (EC 3.1.3.46)] - Mus musculus (Mouse)	54660	0	17	0	5

P47739	Aldehyde dehydrogenase, dimeric NADP-preferring (EC 1.2.1.5) (ALDH class 3) (Dioxin-inducible aldehyde dehydrogenase 3) - Mus musculus (Mouse)	50834	0	17	0	5
O09158	Cytochrome P450 3A25 (EC 1.14.14.1) (CYP11A25) - Mus musculus (Mouse)	58369	0	17	0	20
Q9JIT0	Limb region 1 protein - Mus musculus (Mouse)	55592	0	17	0	4
Q8VEG0	Coiled-coil domain-containing protein 71 - Mus musculus (Mouse)	46323	0	17	0	5
Q9ERB0	Synaptosomal-associated protein 29 (SNAP-29) (Vesicle-membrane fusion protein SNAP-29) (Soluble 29 kDa NSF attachment protein) (Golgi SNARE of 32 kDa) (Gs32) - Mus musculus (Mouse)	29554	0	17	0	11
O55143	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (EC 3.6.3.8) (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) AT	116437	0	17	0	19
Q69ZS7	HBS1-like protein - Mus musculus (Mouse)	75624	0	17	0	12
P54987	Immune-responsive protein 1 - Mus musculus (Mouse)	54010	0	17	0	8
Q9D711	Pirin - Mus musculus (Mouse)	32160	0	17	0	18
P97318	Disabled homolog 1 - Mus musculus (Mouse)	63823	0	17	0	1
P27889	Hepatocyte nuclear factor 1-beta (HNF-1beta) (HNF-1B) (Variant hepatic nuclear factor 1) (VHNF1) (Homeoprotein LFB3) - Mus musculus (Mouse)	61778	0	17	0	4
Q80TB7	Zinc finger SWIM domain-containing protein 6 (Fragment) - Mus musculus (Mouse)	116410	0	17	0	5
P29477	Nitric oxide synthase, inducible (EC 1.14.13.39) (NOS type II) (Inducible NO synthase) (Inducible NOS) (iNOS) (Macrophage NOS) (MAC-NOS) Mus musculus (Mouse)	131861	0	17	0	18

P97324	Glucose-6-phosphate 1-dehydrogenase 2 (EC 1.1.1.49) (G6PD) - Mus musculus (Mouse)	59601	0	17	0	7
Q8JZL1	Interleukin-17 receptor D precursor (IL-17 receptor D) (IL-17RD) (Interleukin-17D receptor) (IL-17D receptor) (Interleukin-17 receptor-like protein) (Sef homolog) (mSef) - Mus musculus (Mouse)	83721	0	17	0	5
P97490	Adenylate cyclase type 8 (EC 4.6.1.1) (Adenylate cyclase type VIII) (ATP pyrophosphate-lyase 8) (Adenylyl cyclase 8) (Ca(2+)/calmodulin-activated adenylyl cyclase) - Mus musculus (Mouse)	141492	0	17	0	8
Q8VDJ3	Vigilin (High density lipoprotein-binding protein) (HDL-binding protein) - Mus musculus (Mouse)	142225	0	17	0	19
Q91W50	Cold shock domain-containing protein E1 - Mus musculus (Mouse)	89590	0	17	0	18
Q8BIQ3	Zinc finger protein 2 (Zinc finger protein 661) (Zfp-661) - Mus musculus (Mouse)	49863	0	17	0	11
P08043	Zinc finger protein 2 (Zfp-2) (Protein mKR2) - Mus musculus (Mouse)	41027	0	17	0	6
Q8R179	Kelch repeat and BTB domain-containing protein 4 (BTB and kelch domain-containing protein 4) - Mus musculus (Mouse)	60731	0	17	0	4
Q02525	Zinc finger protein 39 (Zfp-39) (CtFIN33) - Mus musculus (Mouse)	86393	0	17	0	5
Q99MD8	Myoneurin - Mus musculus (Mouse)	69975	0	17	0	2
Q9Z2D7	Methyl-CpG-binding domain protein 4 (EC 3.2.2.-) (Methyl-CpG-binding protein MBD4) (Mismatch-specific DNA N-glycosylase) - Mus musculus (Mouse)	63052	0	17	0	14
Q6PIC6	Sodium/potassium-transporting ATPase alpha-3 chain (EC 3.6.3.9) (Sodium pump 3) (Na(+)/K(+) ATPase 3) (Alpha(III)) - Mus musculus (Mouse)	113045	0	17	0	16

Q8VDN2	Sodium/potassium-transporting ATPase alpha-1 chain precursor (EC 3.6.3.9) (Sodium pump 1) (Na(+)/K(+) ATPase 1) - Mus musculus (Mouse)	114221	0	17	0	31
Q61025	Intraflagellar transport 20 homolog (Intraflagellar transport protein 20) (mIFT20) - Mus musculus (Mouse)	15341	0	17	0	2
P59328	WD repeat and HMG-box DNA-binding protein 1 (Acidic nucleoplasmic DNA-binding protein 1) (And-1) - Mus musculus (Mouse)	125887	0	17	0	16
Q8CIZ8	von Willebrand factor precursor (vWF) [Contains: von Willebrand antigen 2 (von Willebrand antigen II)] - Mus musculus (Mouse)	322349	0	17	0	17
Q9JK81	UPF0160 protein MYG1 (Protein Gamm1) - Mus musculus (Mouse)	43095	0	17	0	7
Q8C0D0	Probable tRNA pseudouridine synthase 1 (EC 5.4.99.-) - Mus musculus (Mouse)	36553	0	17	0	6
Q8CEC0	Nuclear pore complex protein Nup88 (Nucleoporin Nup88) (88 kDa nuclear pore complex protein) - Mus musculus (Mouse)	86138	0	17	0	24
Q8K2I3	Dimethylaniline monooxygenase [N-oxide-forming] 2 (EC 1.14.13.8) (Pulmonary flavin-containing monooxygenase 2) (FMO 2) (Dimethylaniline oxidase 2) - Mus musculus (Mouse)	61392	0	17	0	8
O35732	CASP8 and FADD-like apoptosis regulator precursor (Cellular FLICE-like inhibitory protein) (c-FLIP) (Caspase-eight-related protein) (Casper) (Caspase-like apoptosis regulatory protein) (CLARP) (MACH-related inducer of toxicity) (MRIT) (Caspase homol	55724	0	17	0	8

P70340	Mothers against decapentaplegic homolog 1 (SMAD 1) (Mothers against DPP homolog 1) (Mad-related protein 1) (Mothers-against-DPP-related 1) (mMad1) (Dwarfin-A) (Dwf-A) - Mus musculus (Mouse)	52884	0	17	0	8
Q35082	Klotho precursor (EC 3.2.1.31) [Contains: Klotho peptide] - Mus musculus (Mouse)	117036	0	17	0	30
Q9JM61	Thrombospondin type-1 domain-containing protein 1 precursor (Transmembrane molecule with thrombospondin module) - Mus musculus (Mouse)	96004	0	17	0	5
Q9D9C7	Uncharacterized protein C3orf62 homolog - Mus musculus (Mouse)	28916	0	17	0	6
Q9JKT2	Taste receptor type 2 member 119 (T2R119) (Taste receptor type 2 member 19) (T2R19) - Mus musculus (Mouse)	38394	0	17	0	4
P63082	Vacuolar ATP synthase 16 kDa proteolipid subunit (EC 3.6.3.14) (PL16) - Mus musculus (Mouse)	15798	0	17	0	1
Q88447	Kinesin light chain 1 (KLC 1) - Mus musculus (Mouse)	61345	0	17	0	7
Q88448	Kinesin light chain 2 (KLC 2) - Mus musculus (Mouse)	67020	0	17	0	8
Q9DA75	Major facilitator superfamily domain-containing protein 2 - Mus musculus (Mouse)	59573	0	17	0	5
Q9DD19	Ras association domain-containing protein 7 - Mus musculus (Mouse)	39735	0	17	0	7
Q9R045	Angiopoietin-related protein 2 precursor (Angiopoietin-like 2) - Mus musculus (Mouse)	57539	0	17	0	14
Q3U128	Protein APCDD1 precursor (Adenomatosis polyposis coli down-regulated 1 protein homolog) - Mus musculus (Mouse)	59342	0	17	0	5
Q6PB44	Tyrosine-protein phosphatase non-receptor type 23 (EC 3.1.3.48) - Mus musculus (Mouse)	185956	0	17	0	36

Q9QXX8	Nuclear fragile X mental retardation-interacting protein 1 (Nuclear FMRP-interacting protein 1) - Mus musculus (Mouse)	55078	0	17	0	16
Q6A098	Uncharacterized protein KIAA0256 - Mus musculus (Mouse)	120593	0	17	0	13
Q9Z0F1	Neuroendocrine secretory protein 55 (NESP55) [Contains: LHAL tetrapeptide; GPIPIRRH peptide] - Mus musculus (Mouse)	29511	0	17	0	2
Q8BMT4	Leucine-rich repeat-containing protein 33 precursor - Mus musculus (Mouse)	78117	0	17	0	5
Q91YM2	Glucocorticoid receptor DNA-binding factor 1 - Mus musculus (Mouse)	171825	0	16	0	22
Q9QY40	Plexin-B3 precursor (Plexin-6) - Mus musculus (Mouse)	210425	0	16	0	8
Q5SSF7	Protein FAM46C - Mus musculus (Mouse)	45225	0	16	0	3
P56812	Programmed cell death protein 5 (Protein TFAR19) (TF-1 cell apoptosis-related gene 19 protein) - Mus musculus (Mouse)	14266	0	16	0	3
O08710	Thyroglobulin precursor - Mus musculus (Mouse)	311333	0	16	0	15
O35902	Desmoglein-3 precursor (130 kDa pemphigus vulgaris antigen homolog) - Mus musculus (Mouse)	109132	0	16	0	19
P51830	Adenylate cyclase type 9 (EC 4.6.1.1) (Adenylate cyclase type IX) (ATP pyrophosphate-lyase 9) (Adenylyl cyclase 9) (Adenylyl cyclase type 10) (ACTP10) - Mus musculus (Mouse)	153081	0	16	0	8
Q99ML1	Bcl-2-binding component 3 (p53 up-regulated modulator of apoptosis) - Mus musculus (Mouse)	20906	0	16	0	9

O08715	A kinase anchor protein 1, mitochondrial precursor (Protein kinase A-anchoring protein 1) (PRKA1) (Dual specificity A-kinase-anchoring protein 1) (D-AKAP-1) (Spermatid A-kinase anchor protein) (S-AKAP) - Mus musculus (Mouse)	93020	0	16	0	9
Q8JZN5	Acyl-CoA dehydrogenase family member 9, mitochondrial precursor (EC 1.3.99.-) (ACAD-9) - Mus musculus (Mouse)	69177	0	16	0	11
O55131	Septin-7 (CDC10 protein homolog) - Mus musculus (Mouse)	50860	0	16	0	6
Q9JIK5	Nucleolar RNA helicase 2 (EC 3.6.1.-) (Nucleolar RNA helicase II) (Nucleolar RNA helicase Gu) (RH II/Gu) (Gu-alpha) (DEAD box protein 21) - Mus musculus (Mouse)	94151	0	16	0	16
P97807	Fumarate hydratase, mitochondrial precursor (EC 4.2.1.2) (Fumarase) (EF-3) - Mus musculus (Mouse)	54564	0	16	0	14
Q80UM3	NMDA receptor-regulated protein 1 (N-terminal acetyltransferase 1) (Protein tubedown-1) - Mus musculus (Mouse)	102208	0	16	0	18
Q9D9X6	Zinc finger SWIM domain-containing protein 2 - Mus musculus (Mouse)	73514	0	16	0	8
Q64267	DNA-repair protein complementing XP-A cells homolog (Xeroderma pigmentosum group A-complementing protein homolog) - Mus musculus (Mouse)	31778	0	16	0	5
Q80V62	Fanconi anemia group D2 protein homolog (Protein FACD2) - Mus musculus (Mouse)	165338	0	16	0	15
P48437	Homeobox prospero-like protein PROX1 (PROX 1) - Mus musculus (Mouse)	83701	0	16	0	4
Q9Z1J2	Serine/threonine-protein kinase Nek4 (EC 2.7.11.1) (NimA-related protein kinase 4) (Serine/threonine-protein kinase 2) - Mus musculus (Mouse)	89680	0	16	0	9

Q99J31	Oligophrenin 1 - Mus musculus (Mouse)	92554	0	16	0	14
Q06770	Corticosteroid-binding globulin precursor (CBG) (Transcortin) (Serp1n A6) - Mus musculus (Mouse)	44911	0	16	0	5
Q8BRE0	Uncharacterized protein C1orf36 homolog - Mus musculus (Mouse)	22826	0	16	0	21
O35317	Pre-B-cell leukemia transcription factor 3 (Homeobox protein PBX3) - Mus musculus (Mouse)	47459	0	16	0	9
Q03391	Glutamate [NMDA] receptor subunit epsilon 4 precursor (N-methyl D-aspartate receptor subtype 2D) (NR2D) (NMDAR2D) - Mus musculus (Mouse)	144186	0	16	0	12
O08848	60 kDa SS-A/Ro ribonucleoprotein (60 kDa Ro protein) (60 kDa ribonucleoprotein Ro) (RoRNP) (TROVE domain family member 2) - Mus musculus (Mouse)	60826	0	16	0	54
Q91WP0	Mannan-binding lectin serine protease 2 precursor (EC 3.4.21.104) (Mannose-binding protein-associated serine protease 2) (MASP-2) (MBL-associated serine protease 2) [Contains: Mannan-binding lectin serine protease 2 A chain; Mannan-binding lectin se	76950	0	16	0	8
O54863	Testis-specific serine/threonine-protein kinase 2 (EC 2.7.11.1) (TSSK-2) (Testis-specific kinase 2) (TSK-2) (Serine/threonine-protein kinase 22B) - Mus musculus (Mouse)	41110	0	16	0	4
P97772	Metabotropic glutamate receptor 1 precursor (mGluR1) - Mus musculus (Mouse)	135008	0	16	0	15
P58006	Sestrin-1 (p53-regulated protein PA26) - Mus musculus (Mouse)	57254	0	16	0	13
O35594	Intraflagellar transport 81 (Carnitine deficiency-associated protein expressed in ventricle 1) (CDV-1 protein) - Mus musculus (Mouse)	79692	0	16	0	18

Q8BJL0	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1 (EC 3.6.1.-) (Sucrose nonfermenting protein 2-like 1) (HepA-related protein) (mharp) - Mus musculus (Mouse)	101347	0	16	0	5
Q8BIV3	Ran-binding protein 6 (RanBP6) - Mus musculus (Mouse)	126104	0	16	0	10
O08832	Polypeptide N-acetylgalactosaminyltransferase 4 (EC 2.4.1.41) (Protein-UDP acetylgalactosaminyltransferase 4) (UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 4) (Polypeptide GalNAc transferase 4) (GalNAc-T4) (pp-GaNTase 4) - Mus musculus (	67368	0	16	0	4
Q8VDZ4	Probable palmitoyltransferase ZDHHC5 (EC 2.3.1.-) (Zinc finger DHH domain-containing protein 5) (DHH-5) - Mus musculus (Mouse)	78193	0	16	0	3
Q9Z1W4	Growth/differentiation factor 11 precursor (GDF-11) (Bone morphogenetic protein 11) - Mus musculus (Mouse)	45659	0	16	0	5
Q61136	Serine/threonine-protein kinase PRP4 homolog (EC 2.7.11.1) (PRP4 pre-mRNA-processing factor 4 homolog) (Pre-mRNA protein kinase) - Mus musculus (Mouse)	117276	0	16	0	17
O35474	EGF-like repeat and discoidin I-like domain-containing protein 3 precursor (EGF-like repeats and discoidin I-like domains protein 3) (Developmentally-regulated endothelial cell locus 1 protein) (Integrin-binding protein DEL1) - Mus musculus (Mouse)	55074	0	16	0	5
Q8K2Q2	Glutathione transferase omega-2 (EC 2.5.1.18) - Mus musculus (Mouse)	29436	0	16	0	2
P97873	Lysyl oxidase homolog 1 precursor (EC 1.4.3.-) (Lysyl oxidase-like protein 1) (Lysyl oxidase 2) - Mus musculus (Mouse)	67149	0	16	0	6

O70318	Band 4.1-like protein 2 (Generally expressed protein 4.1) (4.1G) - Mus musculus (Mouse)	110280	0	16	0	14
Q9ES00	Ubiquitin conjugation factor E4 B (Ubiquitin fusion degradation protein 2) (Ufd2a) - Mus musculus (Mouse)	134530	0	16	0	5
Q9QXE5	Thymus-specific serine protease precursor (EC 3.4.-.-) (Serine protease 16) - Mus musculus (Mouse)	55059	0	16	0	2
Q811B3	ADAMTS-12 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase with thrombospondin motifs 12) (ADAM-TS 12) (ADAM-TS12) - Mus musculus (Mouse)	182638	0	16	0	11
Q8BHE3	Caytaxin - Mus musculus (Mouse)	42323	0	16	0	2
Q61495	Desmoglein-1 alpha precursor (Dsg1-alpha) (Desmoglein-1) (Desmosomal glycoprotein I) (DG1) (DGI) - Mus musculus (Mouse)	115551	0	16	0	7
O35350	Calpain-1 catalytic subunit (EC 3.4.22.52) (Calpain-1 large subunit) (Calcium-activated neutral proteinase 1) (CANP 1) (Calpain mu-type) (muCANP) (Micromolar-calpain) - Mus musculus (Mouse)	82739	0	16	0	12
Q91YE8	Synaptopodin-2 (Myopodin) - Mus musculus (Mouse)	116968	0	16	0	31
P49442	Inositol polyphosphate 1-phosphatase (EC 3.1.3.57) (IPPase) (IPP) - Mus musculus (Mouse)	43775	0	16	0	4
Q6P2L6	Histone-lysine N-methyltransferase NSD3 (EC 2.1.1.43) (Nuclear SET domain-containing protein 3) (WHSC1-like protein 1) (Wolf-Hirschhorn syndrome candidate 1-like protein 1 homolog) - Mus musculus (Mouse)	164834	0	16	0	16
Q9CZQ9	Bardet-Biedl syndrome 5 protein homolog - Mus musculus (Mouse)	39009	0	16	0	4

O70293	G protein-coupled receptor kinase 6 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK6) - Mus musculus (Mouse)	67134	0	16	0	14
Q8VEB1	G protein-coupled receptor kinase 5 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK5) - Mus musculus (Mouse)	68659	0	16	0	11
O70291	G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) - Mus musculus (Mouse)	68009	0	16	0	9
Q9WUV2	Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3 (EC 2.4.99.-) (GalNAc alpha-2,6-sialyltransferase III) (ST6GalNAc III) (Sialyltransferase 7C) (STY) -	35961	0	16	0	3
Q9R1M5	NACHT, LRR and PYD-containing protein 5 (Maternal antigen that embryos require) (Mater protein) (Ooplasm-specific protein 1) (OP1) - Mus musculus (Mouse)	127759	0	16	0	13
P97464	Exostosin-1 (EC 2.4.1.224) (EC 2.4.1.225) (Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase) (Multiple exostoses protein 1 homolog) - Mus musculus (Mouse)	86994	0	16	0	4
P49429	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (4-hydroxyphenylpyruvic acid oxidase) (HPPDase) (F protein) (F Alloantigen) - Mus musculus (Mouse)	45254	0	16	0	5
Q9WU40	Inner nuclear membrane protein Man1 (LEM domain-containing protein 3) (Fragment) - Mus musculus (Mouse)	34631	0	16	0	5
Q9DB20	ATP synthase O subunit, mitochondrial precursor (EC 3.6.3.14) (Oligomycin sensitivity conferral protein) (OSCP) - Mus musculus (Mouse)	23406	0	16	0	5

Q88491	Histone-lysine N-methyltransferase, H3 lysine-36 and H4 lysine-20 specific (EC 2.1.1.43) (H3-K36-HMTase) (H4-K20-HMTase) (Nuclear receptor-binding SET domain-containing protein 1) (NR-binding SET domain-containing protein) - Mus musculus (Mouse)	289037	0	16	0	22
Q921G8	Gamma-tubulin complex component 2 (GCP-2) - Mus musculus (Mouse)	103796	0	16	0	10
Q9JL62	Glycolipid transfer protein (GLTP) - Mus musculus (Mouse)	23845	0	16	0	5
Q9CX00	Uncharacterized protein KIAA0174 - Mus musculus (Mouse)	39615	0	16	0	3
O35927	Catenin delta-2 (Neural plakophilin-related ARM-repeat protein) (NPRAP) (Neurojungin) - Mus musculus (Mouse)	136000	0	16	0	15
Q04592	Proprotein convertase subtilisin/kexin type 5 precursor (EC 3.4.21.-) (Proprotein convertase PC5) (Subtilisin/kexin-like protease PC5) (PC6) (Subtilisin-like proprotein convertase 6) (SPC6) - Mus musculus (Mouse)	220210	0	16	0	7
O88573	AF4/FMR2 family member 1 (Protein AF-4) (Proto-oncogene AF4) - Mus musculus (Mouse)	132663	0	16	0	23
Q64739	Collagen alpha-2(XI) chain precursor - Mus musculus (Mouse)	172229	0	16	0	15
Q9D8B1	Androgen-induced protein 1 (AIG-1) - Mus musculus (Mouse)	30247	0	16	0	1
Q91V87	Fibroblast growth factor receptor-like 1 precursor (FGF receptor-like protein 1) (Fibroblast growth factor receptor 5) - Mus musculus (Mouse)	57719	0	16	0	7
Q9JLZ3	Methylglutaconyl-CoA hydratase, mitochondrial precursor (EC 4.2.1.18) (AU-specific RNA-binding enoyl-CoA hydratase) (AU-binding enoyl-CoA hydratase) (muAUH) - Mus musculus (Mouse)	33659	0	16	0	3

Q80U30	Uncharacterized protein KIAA0350 - Mus musculus (Mouse)	117014	0	16	0	12
Q8VI67	Transcription factor Sp7 (Zinc finger protein osterix) (C22) - Mus musculus (Mouse)	45317	0	16	0	6
Q8VHJ5	Serine/threonine-protein kinase MARK1 (EC 2.7.11.1) (MAP/microtubule affinity-regulating kinase 1) (ELKL motif serine/threonine-protein kinase 3) - Mus musculus (Mouse)	89061	0	16	0	8
Q9ERI6	Retinol dehydrogenase 14 (EC 1.1.1.-) (Alcohol dehydrogenase PAN2) - Mus musculus (Mouse)	36742	0	16	0	3
Q99KK2	N-acylneuraminate cytidyltransferase (EC 2.7.7.43) (CMP-N-acetylneuraminic acid synthetase) (CMP-NeuNAc synthetase) - Mus musculus (Mouse)	48655	0	16	0	14
Q61627	Glutamate receptor delta-1 subunit precursor (GluR delta-1) Mus musculus (Mouse)	113142	0	16	0	8
P35991	Tyrosine-protein kinase BTK (EC 2.7.10.2) (Bruton tyrosine kinase) (Agammaglobulinaemia tyrosine kinase) (ATK) (B cell progenitor kinase) (BPK) (Kinase EMB) - Mus musculus (Mouse)	77073	0	16	0	14
Q8CCI5	RING1 and YY1-binding protein (Death effector domain-associated factor) (DED-associated factor) - Mus musculus (Mouse)	24990	0	16	0	4
Q6PGH2	Hematological and neurological expressed 1-like protein (HN1-like protein) - Mus musculus (Mouse)	20065	0	16	0	13
Q61508	Extracellular matrix protein 1 precursor (Secretory component p85) - Mus musculus (Mouse)	64388	0	16	0	3
Q8BVI5	Syntaxin-16 - Mus musculus (Mouse)	37200	0	16	0	5
Q924Z6	Exportin-6 (Exp6) (Ran-binding protein 20) - Mus musculus (Mouse)	129836	0	16	0	7
Q8BND4	Protein DDX26B - Mus musculus (Mouse)	97677	0	16	0	19

Q61081	Hsp90 co-chaperone Cdc37 (Hsp90 chaperone protein kinase-targeting subunit) (p50Cdc37) - Mus musculus (Mouse)	45078	0	16	0	2
P12672	43 kDa receptor-associated protein of the synapse (RAPsyn) (Acetylcholine receptor-associated 43 kDa protein) (43 kDa postsynaptic protein) - Mus musculus (Mouse)	47531	0	16	0	6
Q9EPN1	Protein neurobeachin (Lysosomal-trafficking regulator 2) - Mus musculus (Mouse)	328988	0	16	0	22
P35173	Stefin-1 - Mus musculus (Mouse)	11690	0	16	0	10
P48168	Glycine receptor subunit beta precursor (Glycine receptor 58 kDa subunit) - Mus musculus (Mouse)	56741	0	16	0	3
Q9EQF6	Dihydropyrimidinase-related protein 5 (DRP-5) (Collapsin response mediator protein 5) (CRMP-5) - Mus musculus (Mouse)	62047	0	16	0	8
P32233	Developmentally-regulated GTP-binding protein 1 (DRG 1) (Protein NEDD3) (Neural precursor cell expressed developmentally down-regulated protein 3) - Mus musculus (Mouse)	40772	0	15	0	12
Q35643	AP-1 complex subunit beta-1 (Adapter-related protein complex 1 beta-1 subunit) (Beta-adaptin 1) (Adaptor protein complex AP-1 beta-1 subunit) (Golgi adaptor HA1/AP1 adaptin beta subunit) (Clathrin assembly protein complex 1 beta large chain) - Mus m	104768	0	15	0	3
Q8BKT8	26S proteasome-associated UCH37-interacting protein 1 - Mus musculus (Mouse)	28435	0	15	0	2
Q4FZF3	Probable ATP-dependent RNA helicase DDX49 (EC 3.6.1.-) (DEAD box protein 49) - Mus musculus (Mouse)	54744	0	15	0	10
Q8R1F1	Niban-like protein - Mus musculus (Mouse)	85392	0	15	0	9

P49135	TFIIH basal transcription factor complex helicase XPB subunit (EC 3.6.1.-) (Basic transcription factor 2 89 kDa subunit) (BTF2-p89) (TFIIH 89 kDa subunit) (DNA-repair protein complementing XP-B cells) (Xeroderma pigmentosum group B-complementing pro	89925	0	15	0	13
Q8BLV3	Sodium/hydrogen exchanger 7 (Na(+)/H(+) exchanger 7) (NHE-7) (Solute carrier family 9 member 7) - Mus musculus (Mouse)	80751	0	15	0	7
P70458	Plasma serine protease inhibitor precursor (PCI) (Protein C inhibitor) (Serpine A5) (Plasminogen activator inhibitor 3) (PAI-3) (PAI3) - Mus musculus (Mouse)	45707	0	15	0	6
Q68FH4	N-acetylgalactosamine kinase (EC 2.7.1.157) (GalNAc kinase) (Galactokinase 2) - Mus musculus (Mouse)	51440	0	15	0	12
Q8CIP4	MAP/microtubule affinity-regulating kinase 4 (EC 2.7.11.1) - Mus musculus (Mouse)	83391	0	15	0	9
P22933	Gamma-aminobutyric-acid receptor subunit delta precursor (GABA(A) receptor subunit delta) - Mus musculus (Mouse)	50718	0	15	0	8
Q8BMQ3	Zinc finger protein basonuclin-2 - Mus musculus (Mouse)	126822	0	15	0	7
Q8BWT5	Disco-interacting protein 2 homolog A - Mus musculus (Mouse)	167335	0	15	0	18
Q8K1S7	Kremen protein 2 precursor (Kringle-containing protein marking the eye and the nose) (Kringle domain-containing transmembrane protein 2) (Dickkopf receptor 2) - Mus musculus (Mouse)	50223	0	15	0	4
Q99M04	Lipoic acid synthetase, mitochondrial precursor (Lip-syn) (Lipoate synthase) (mLIP1) - Mus musculus (Mouse)	42423	0	15	0	10
Q8BG51	Mitochondrial Rho GTPase 1 (EC 3.6.5.-) (MIRO-1) (Ras homolog gene family member T1) - Mus musculus (Mouse)	73222	0	15	0	4

P14719	Interleukin-1 receptor-like 1 precursor (ST2 protein) (T1 protein) (Lymphocyte antigen 84) - Mus musculus (Mouse)	65558	0	15	0	13
O70279	Protein DGCR14 (DiGeorge syndrome critical region 14 homolog) (ES2 protein) (Expressed sequence 2 embryonic lethal) - Mus musculus (Mouse)	52572	0	15	0	2
O54792	Transcription factor HES-2 (Hairy and enhancer of split 2) - Mus musculus (Mouse)	17334	0	15	0	8
P06683	Complement component C9 precursor - Mus musculus (Mouse)	63217	0	15	0	7
Q91VY5	JmjC domain-containing histone demethylation protein 3B (EC 1.14.11.-) (Jumonji domain-containing protein 2B) - Mus musculus (Mouse)	123237	0	15	0	22
Q5SV66	Coiled-coil domain-containing protein 42 - Mus musculus (Mouse)	37577	0	15	0	9
Q8BGX7	Uncharacterized protein KIAA0146 - Mus musculus (Mouse)	105056	0	15	0	5
Q7TSC3	Serine/threonine-protein kinase Nek5 (EC 2.7.11.1) (NimA-related protein kinase 5) - Mus musculus (Mouse)	72714	0	15	0	7
Q09199	Beta-1,4 N-acetylgalactosaminyltransferase 2 (EC 2.4.1.-) - Mus musculus (Mouse)	58623	0	15	0	4
Q9D0K1	Peroxisomal membrane protein PEX13 (Peroxin-13) - Mus musculus (Mouse)	44639	0	15	0	15
Q8BHN5	Developmentally-regulated RNA-binding protein 1 (RB-1) - Mus musculus (Mouse)	53690	0	15	0	8
Q9EPB5	Serine hydrolase-like protein (EC 3.1.-.-) (SHL) - Mus musculus (Mouse)	35573	0	15	0	11
Q02566	Myosin-6 (Myosin heavy chain 6) (Myosin heavy chain, cardiac muscle alpha isoform) (MyHC-alpha) - Mus musculus (Mouse)	224225	0	15	0	24

Q91Z83	Myosin-7 (Myosin heavy chain 7) (Myosin heavy chain, cardiac muscle beta isoform) (MyHC-beta) (Myosin heavy chain slow isoform) (MyHC-slow) - Mus musculus (Mouse)	223539	0	15	0	19
Q8BJ34	Limkain-b1 - Mus musculus (Mouse)	194934	0	15	0	13
P60191	Regulating synaptic membrane exocytosis protein 4 (Rab3-interacting molecule 4) (RIM 4) (RIM4 gamma) - Mus musculus (Mouse)	29539	0	15	0	6
Q9QZ88	Vacuolar protein sorting-associated protein 29 (Vesicle protein sorting 29) - Mus musculus (Mouse)	20654	0	15	0	3
P39061	Collagen alpha-1(XVIII) chain precursor [Contains: Endostatin] - Mus musculus (Mouse)	183144	0	15	0	20
Q60846	Tumor necrosis factor receptor superfamily member 8 precursor (CD30L receptor) (Lymphocyte activation antigen CD30) - Mus musculus (Mouse)	54607	0	15	0	1
Q925N2	Sideroflexin-2 - Mus musculus (Mouse)	36517	0	15	0	9
P97325	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase (EC 2.4.99.6) (N-acetylglucosaminidase alpha-2,3-sialyltransferase) (Gal beta-1,3(4) GlcNAc alpha-2,3 sialyltransferase) (ST3N) (ST3GalIII) (Sialyltransferase 6) - Mus musculus (	42389	0	15	0	6
Q9CWN7	Uncharacterized protein C2orf29 homolog - Mus musculus (Mouse)	55266	0	15	0	10
P19426	Negative elongation factor E (NELF-E) (RD protein) - Mus musculus (Mouse)	42642	0	15	0	2
Q8R0W1	Uncharacterized protein KIAA1737 - Mus musculus (Mouse)	46633	0	15	0	12
Q9Z210	Peroxisomal membrane protein 11B (Peroxin-11B) (Peroxisomal biogenesis factor 11B) (PEX11beta) (Pex11pbeta) - Mus musculus (Mouse)	29148	0	15	0	4

Q7M761	Ovochymase-2 precursor (EC 3.4.21.-) (Oviductin) - Mus musculus (Mouse)	68708	0	15	0	4
O08976	Probasin precursor (PB) - Mus musculus (Mouse)	20587	0	15	0	1
P13595	Neural cell adhesion molecule 1, 120 kDa isoform precursor (N-CAM 120) (NCAM-120) - Mus musculus (Mouse)	80816	0	15	0	6
Q8CGQ8	Sodium/potassium/calcium exchanger 4 precursor (Na(+)/K(+)/Ca(2+)-exchange protein 4) - Mus musculus (Mouse)	67621	0	15	0	8
Q9CVD2	Ataxin-3 (EC 3.4.22.-) (Machado-Joseph disease protein 1 homolog) - Mus musculus (Mouse)	40793	0	15	0	8
P29020	T-cell surface glycoprotein CD3 eta chain precursor (T-cell receptor T3 eta chain) - Mus musculus (Mouse)	23496	0	15	0	17
P35123	Ubiquitin carboxyl-terminal hydrolase 4 (EC 3.1.2.15) (Ubiquitin thioesterase 4) (Ubiquitin-specific-processing protease 4) (Deubiquitinating enzyme 4) (Ubiquitous nuclear protein) - Mus musculus (Mouse)	109637	0	15	0	8
Q9QYE9	Pleckstrin homology domain-containing family B member 1 (Pleckstrin homology domain retinal protein 1) (PH domain-containing protein in retina 1) (PHRET1) - Mus musculus (Mouse)	27722	0	15	0	54
Q9WVG6	Histone-arginine methyltransferase CARM1 (EC 2.1.1.125) (EC 2.1.1.-) (Protein arginine N-methyltransferase 4) (Coactivator-associated arginine methyltransferase 1) - Mus musculus (Mouse)	66382	0	15	0	9
P70158	Acid sphingomyelinase-like phosphodiesterase 3a precursor (EC 3.1.4.-) (ASM-like phosphodiesterase 3a) - Mus musculus (Mouse)	50320	0	15	0	5

Q76EC5	Carbohydrate sulfotransferase 9 (EC 2.8.2.-) (N-acetylgalactosamine-4-O-sulfotransferase 2) (GalNAc-4-O-sulfotransferase 2) (GalNAc-4-ST2) - Mus musculus (Mouse)	48259	0	15	0	19
P97369	Neutrophil cytosol factor 4 (NCF-4) (Neutrophil NADPH oxidase factor 4) (p40-phox) (p40phox) - Mus musculus (Mouse)	38881	0	15	0	7
Q9CQW2	ADP-ribosylation factor-like protein 8B (ADP-ribosylation factor-like protein 10C) (Novel small G protein indispensable for equal chromosome segregation 1) - Mus musculus (Mouse)	21753	0	15	0	3
Q9QZZ4	Myosin-XV (Unconventional myosin-15) - Mus musculus (Mouse)	398024	0	15	0	39
Q62432	Mothers against decapentaplegic homolog 2 (SMAD 2) (Mothers against DPP homolog 2) (MAD homolog 2) (Mad-related protein 2) (mMad2) - Mus musculus (Mouse)	53145	0	15	0	23
Q9JJD0	THAP domain-containing protein 11 - Mus musculus (Mouse)	33597	0	15	0	8
Q9JIG8	PRA1 family protein 2 - Mus musculus (Mouse)	19694	0	15	0	2
Q9QZK7	Docking protein 3 (Downstream of tyrosine kinase 3) (P62(dok)-like protein) (DOK-L) - Mus musculus (Mouse)	48738	0	15	0	6
Q88796	Ribonuclease P protein subunit p30 (EC 3.1.26.5) (RNaseP protein p30) (RNase P subunit 2) - Mus musculus (Mouse)	29854	0	15	0	7
Q8K4F0	CD226 antigen precursor (Platelet and T-cell activation antigen 1) - Mus musculus (Mouse)	38495	0	15	0	7
Q88630	Golgi SNAP receptor complex member 1 (28 kDa Golgi SNARE protein) (28 kDa cis-Golgi SNARE p28) (GOS-28) - Mus musculus (Mouse)	28526	0	15	0	7
Q9D2G5	Synaptojanin-2 (EC 3.1.3.36) (Synaptic inositol-1,4,5-trisphosphate 5-phosphatase 2) - Mus musculus (Mouse)	159578	0	15	0	13

Q9CPR1	RWD domain-containing protein 4A - Mus musculus (Mouse)	21125	0	15	0	7
Q9ESJ0	Exportin-4 (Exp4) - Mus musculus (Mouse)	131137	0	15	0	24
Q91YU8	Suppressor of SWI4 1 homolog (Ssf-1) (Peter Pan homolog) - Mus musculus (Mouse)	52807	0	15	0	12
Q766D5	N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetylgalactosaminyltransferase 1 (EC 2.4.1.244) (NGalNAc-T1) (Beta-1,4-N-acetylgalactosaminyltransferase IV) (Beta4GalNAc-T4) (Beta4GalNAcT4) - Mus musculus (Mouse)	117813	0	15	0	6
Q6PIE5	Sodium/potassium-transporting ATPase alpha-2 chain precursor (EC 3.6.3.9) (Sodium pump 2) (Na(+)/K(+) ATPase 2) (Alpha(+)) - Mus musculus (Mouse)	113457	0	15	0	18
Q62413	Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2) - Mus musculus (Mouse)	117659	0	15	0	9
Q8BM85	TBC domain-containing protein kinase-like protein - Mus musculus (Mouse)	87571	0	15	0	8
P50405	Pulmonary surfactant-associated protein B precursor (SP-B) (Pulmonary surfactant-associated proteolipid SPL(Phe)) - Mus musculus (Mouse)	43183	0	15	0	33
Q99J27	Acetyl-coenzyme A transporter 1 (AT-1) (Acetyl-CoA transporter) (Solute carrier family 33 member 1) - Mus musculus (Mouse)	61549	0	15	0	4
Q91X88	Protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1 (EC 2.4.1.-) (POMGnT1) - Mus musculus (Mouse)	75632	0	15	0	10
P51658	Estradiol 17-beta-dehydrogenase 2 (EC 1.1.1.62) (17-beta-HSD 2) (17-beta-hydroxysteroid dehydrogenase 2) - Mus musculus (Mouse)	42436	0	15	0	12

P70227	Inositol 1,4,5-trisphosphate receptor type 3 (Type 3 inositol 1,4,5-trisphosphate receptor) (Type 3 InsP3 receptor) (IP3 receptor isoform 3) (InsP3R3) - Mus musculus (Mouse)	306931	0	15	0	40
Q6P9Q4	FH1/FH2 domain-containing protein (Formin homolog overexpressed in spleen) (FHOS) (Formin homology 2 domain-containing protein 1) - Mus musculus (Mouse)	130774	0	15	0	15
Q9EQM3	Homeobox protein Nkx-2.4 (Homeobox protein NKX2.4) (Homeobox protein NK-2 homolog D) - Mus musculus (Mouse)	36316	0	15	0	2
Q8R3S6	Exocyst complex component 1 (Exocyst complex component Sec3) - Mus musculus (Mouse)	102668	0	15	0	14
P42866	Mu-type opioid receptor (MOR-1) - Mus musculus (Mouse)	45361	0	15	0	2
P70182	Phosphatidylinositol-4-phosphate 5-kinase type-1 alpha (EC 2.7.1.68) (Phosphatidylinositol-4-phosphate 5-kinase type I alpha) (PtdIns(4)P-5-kinase alpha) (PIP5KIalpha) (Phosphatidylinositol-4-phosphate 5-kinase type I beta) (PI4P5KIbeta) (68 kDa typ	60789	0	14	0	7
Q4LDG0	Bile acyl-CoA synthetase (EC 6.2.1.7) (BACS) (Bile acid CoA ligase) (BA-CoA ligase) (BAL) (Cholate--CoA ligase) (Very long chain acyl-CoA synthetase-related protein) (VLACS-related) (VLACSR) (Fatty acid transport protein 5) (FATP-5) (Solute carrier	77123	0	14	0	19
P54285	Voltage-dependent L-type calcium channel subunit beta-3 (CAB3) (Calcium channel voltage-dependent subunit beta 3) (CCHB3) - Mus musculus (Mouse)	54756	0	14	0	7

Q3V009	Transmembrane emp24 domain-containing protein 1 precursor (Interleukin-1 receptor-like 1 ligand) (Putative T1/ST2 receptor-binding protein) - Mus musculus (Mouse)	25418	0	14	0	2
O55188	Dentin matrix acidic phosphoprotein 1 precursor (Dentin matrix protein 1) (DMP-1) (AG1) - Mus musculus (Mouse)	54084	0	14	0	4
Q8K448	ATP-binding cassette sub-family A member 5 - Mus musculus (Mouse)	187371	0	14	0	13
Q9CTN4	Rho-related BTB domain-containing protein 3 - Mus musculus (Mouse)	70498	0	14	0	9
Q9D287	Breast carcinoma amplified sequence 2 homolog (DNA amplified in mammary carcinoma 1 protein) - Mus musculus (Mouse)	26229	0	14	0	6
Q8K310	Matrin-3 - Mus musculus (Mouse)	95085	0	14	0	10
O35633	Vesicular inhibitory amino acid transporter (GABA and glycine transporter) (Vesicular GABA transporter) (mVIAAT) (mVGAT) (Solute carrier family 32 member 1) - Mus musculus (Mouse)	58313	0	14	0	13
Q9EST1	Gasdermin - Mus musculus (Mouse)	49847	0	14	0	11
Q8BNU0	Armadillo repeat-containing protein 6 - Mus musculus (Mouse)	51564	0	14	0	1
Q9WVL1	AP-4 complex subunit sigma-1 (Adapter-related protein complex 4 sigma-1 subunit) (Sigma subunit of AP-4) (AP-4 adapter complex sigma subunit) - Mus musculus (Mouse)	16978	0	14	0	6
Q3TFQ1	Chronic lymphocytic leukemia deletion region gene 6 protein homolog (CLL deletion region gene 6 protein homolog) - Mus musculus (Mouse)	22123	0	14	0	11
Q9CZW2	Centromere protein N (CENP-N) - Mus musculus (Mouse)	39557	0	14	0	6
Q9D8U8	Sorting nexin-5 - Mus musculus (Mouse)	47053	0	14	0	1

P14234	Proto-oncogene tyrosine-protein kinase FGR (EC 2.7.10.2) (P55-FGR) (C-FGR) - Mus musculus (Mouse)	59400	0	14	0	12
Q8CHE4	PH domain leucine-rich repeat-containing protein phosphatase (EC 3.1.3.16) (PH domain leucine-rich repeat protein phosphatase) (Pleckstrin homology domain-containing family E protein 1) (Suprachiasmatic nucleus circadian oscillatory protein) - Mus m	184875	0	14	0	18
P60060	Protein transport protein SEC61 subunit gamma - Mus musculus (Mouse)	7793	0	14	0	7
P29594	Caspase-2 precursor (EC 3.4.22.-) (CASP-2) (ICH-1 protease) (NEDD2 protein) (Neural precursor cell expressed developmentally down-regulated protein 2) (NEDD-2) [Contains: Caspase-2 subunit p18; Caspase-2 subunit p13; Caspase-2 subunit p12] - Mus mus	51598	0	14	0	8
P13366	Granzyme G precursor (EC 3.4.21.-) (CTL serine protease 1) (MCSP-1) - Mus musculus (Mouse)	27706	0	14	0	7
P60840	Alpha-endosulfine (ARPP-19e) - Mus musculus (Mouse)	13327	0	14	0	5
Q64687	Alpha-N-acetylneuraminide alpha-2,8-sialyltransferase (EC 2.4.99.8) (Ganglioside GD3 synthase) (Ganglioside GT3 synthase) (Alpha-2,8-sialyltransferase 8A) (ST8Sia I) - Mus musculus (Mouse)	40736	0	14	0	8
P15105	Glutamine synthetase (EC 6.3.1.2) (Glutamate--ammonia ligase) (GS) - Mus musculus (Mouse)	42803	0	14	0	7
Q9R049	Autocrine motility factor receptor (EC 6.3.2.19) (AMF receptor) - Mus musculus (Mouse)	73913	0	14	0	5

Q62136	Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase PTP-RL10) - Mus musculus (Mouse)	134206	0	14	0	25
P97718	Alpha-1A adrenergic receptor (Alpha 1A-adrenoceptor) (Alpha 1A-adrenoreceptor) (Alpha-1C adrenergic receptor) - Mus musculus (Mouse)	52812	0	14	0	6
Q60891	Olfactory receptor 139 (Olfactory receptor 1) (Olfactory receptor 255-2) (Odorant receptor M5) - Mus musculus (Mouse)	35143	0	14	0	2
O54803	P2X purinoceptor 6 (ATP receptor) (P2X6) (Purinergic receptor) (P2XM) (Purinergic receptor P2X-like 1) - Mus musculus (Mouse)	42830	0	14	0	4
O55201	Transcription elongation factor SPT5 (DRB sensitivity-inducing factor large subunit) (DSIF large subunit) - Mus musculus (Mouse)	120988	0	14	0	7
Q05421	Cytochrome P450 2E1 (EC 1.14.14.1) (CYP11E1) (P450-J) (P450-ALC) - Mus musculus (Mouse)	57168	0	14	0	14
P61166	UPF0197 protein C11orf10 homolog - Mus musculus (Mouse)	9073	0	14	0	3