

MS based quantification of proteins pulled down by the MIB-assay. Data is given as log2 values of relative intensity. **Red** indicates increase, **blue** indicates decrease. **Black** indicates no change compared to control.

nr	Panel1	Panel2	Panel3	Average	Significant (yellow)	Uniprot ID	Protein Name	Gene	KEGG code	Kinases	Oxidative stress response protein	Phosphatases	Ubiquitin Ligases	Apoptosis related
1	0.2735	0.5011	0.0628	0.2661		P41241	Tyrosine-protein kinase CSK	Csk	mmu:12988	1				
2	0.1317	0.2554	0.1521	0.2856		O55222	Integrin-linked protein kinase	Ilk	mmu:16202	1				
3	0.3960	0.0038	0.3058	0.3690		P47811	Mitogen-activated protein kinase 14	Mapk14	mmu:26416	1				
4	0.1562	0.6205	0.2559	0.3690		O61194	Phosphatidylinositol 4-phosphate 3-kinase C2 domain-containing subunit alpha	Pik3c2a	mmu:18704	1				
5	0.2356	0.3554	0.4045	0.3704		P30285	Cyclin-dependent kinase 4	Cdk4	mmu:12567	1				
6	0.3117	0.4535	0.4778	0.4143		O34152	Focal adhesion kinase	Fak2	mmu:14083	1				
7	0.2480	0.4140	0.4100	0.3957		Q5E647	5-AMP-activated protein kinase catalytic subunit alpha-1	Pkaa1	mmu:105787	1	1			1
8	0.1779	0.5581	0.1839	0.4095		O70551	SRF protein kinase 1	Srpk1	mmu:20815	1				
9	0.1458	0.2131	0.3468	0.4245		Q27BE6	Phosphatidylinositol 4-kinase type 2-alpha	Pik42a	mmu:84095	1				
10	0.2818	0.1876	0.7366	0.4632		Q8BTW9	Serine/threonine-protein kinase PAK 4	Pa4	mmu:70584	1				
11	0.8235	0.4557	0.3463	0.4885		P58801	Receptor-interacting serine/threonine-protein kinase 2	Ripk2	mmu:192656	1				1
12	0.3867	0.4231	0.0928	0.4948		Q6PH22	Calcium/calmodulin-dependent protein kinase type II subunit delta	Camk2d	mmu:108058	1				
13	0.1962	0.2806	0.3059	0.5223		Q9E514	Mitogen-activated protein kinase kinase kinase MLT	Zak	mmu:65964	1				1
14	0.0821	0.2689	0.4189	0.6247		P20444	Protein kinase C; Protein kinase C alpha type	Pkcca	mmu:18750	1				1
15	0.4025	0.5714	0.4688	0.4829		Q8R4K2	Interleukin-1 receptor-associated kinase 4	Irak4	mmu:266632	1				
16	0.7036	0.2019	0.4113	0.6353		Q9UNJ2	Serine/threonine-protein kinase TBK1	Tbk1	mmu:56480	1				1
17	1.4806	0.6881	0.0511	0.8128		Q03147	Cyclin-dependent kinase 7	Cdk7	mmu:12572	1				
18	0.4041	0.5237	0.4620	0.8235		O99KH8	Serine/threonine-protein kinase 24;Serine/threonine-protein kinase 24 35 kDa subunit;Serine/thr	Slk24	mmu:223255	1	1			
19	1.5061	0.4959	0.8978	1.0519		Q4JIM5	Non-specific protein-tyrosine kinase;Abelson tyrosine-protein kinase 2	Ab12		1				
20	-1.2418	-3.6384	-1.4988	-2.5666		P18155	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial;NAD-depe	Mthfd2	mmu:17768					
21			-1.8127	-1.8221		P63166	Small ubiquitin-related modifier 1	Sumo1	mmu:22218					
22	-0.8880	-0.9121	-1.7116	-1.6991		O70585	Dystrobrevin;Dystrobrevin beta	Dtnb	mmu:13528					
23	-0.7734	-1.7908	-0.2951	-1.6011		Q8CQ6C	Histone H2A type 1-H;Histone H2A, J;Histone H2A type 1-K;Histone H2A type 1-F;Histone H2A type	Hist1H2ah	mmu:319168					
24	-0.1035	-0.1701	-0.1001	-0.1151		O05919	Vehicle transport protein SEC30	Btm1p	mmu:224630					1
25	-0.3524	-1.8097	-2.8079	-1.4553		Q6PGF3	Mediator of RNA polymerase II transcription subunit 16	Med16						
26	-1.7944	-1.8816	-0.8445	-1.4602		Q2V9P0	Chromatin modification-related protein MEAF6	Meaf6	mmu:70088					
27	-1.3940	-0.3397	-2.9703	-1.3263		Q8HWO0	Probable peptidyl-tRNA hydrolase	Pthr1	mmu:329384					
28	-0.4172	-0.7460	-1.2441	-1.2318		Q9Z0P5	Twirlin-1	Twf2	mmu:23999					
29	-0.3208	-0.9051	-1.8610	-1.2150		O88986	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial	Gcat	mmu:26912					
30	-1.6343	-1.8991	-0.1736	-1.2088		Q80509	Epidermal growth factor receptor kinase substrate 8	Eps8	mmu:13860					
31	-0.2595	-0.2641	-2.5339	-1.2085		Q9CQV5	28S ribosomal protein S24, mitochondrial	Mps24	mmu:64660					
32	-1.1228	-0.6805	-0.6200	-1.1477		Q9D616	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	Ndufv2	mmu:72900					
33	-0.4339	-1.8482	-0.5809	-1.3226		Q60870	Receptor expression-enhancing protein	Reep1	mmu:108070					
34	-0.9002	-0.1455	-0.9085	-1.0747		Q90P38	39S ribosomal protein L19, mitochondrial	Mpl19	mmu:56284					
35	-0.4515	-0.7921	-2.9000	-1.0724		O89017	Legumain	Lgmn	mmu:19141					
36	-2.1760	-1.4607	-0.3223	-1.0707		P62309	Small nuclear ribonucleoprotein G	Snrpg	mmu:68011					
37	-0.3868	-0.2433	-2.5326	-1.0590		P1A2E6	THO complex subunit 2	Thoc2	mmu:331401					
38	-2.1888	-0.6123	-0.3683	-1.0183		ARQ528	Rho guanine nucleotide exchange factor 7	Arhgef7	mmu:54126					
39	-0.7856	-0.3085	-0.9559	-0.9398		Q9DC23	Dnal homolog subfamily C member 10	Dnal10	mmu:66861					
40	-0.0940	-0.9203	-0.9162	-0.9165		Q8V813	Transcription initiation factor TFIIID subunit 9	Taf9	mmu:108143					
41	-0.8967	-0.0966	-0.0966	-0.9062		Q64433	10 kDa heat shock protein, mitochondrial	Hsp61	mmu:15528					1
42	-0.4717	-0.6920	-0.0598	-0.8912		Q3UWQ27		Gsp1						
43	-0.2651	-0.9754	-0.5757	-0.8739		Q8C111	Guanine nucleotide-binding protein-like 3	Gnp1	mmu:30877					
44	-0.2029	-0.1194	-1.3544	-0.8784		P47862	ADP/ATP translocase 1	Slc25a4	mmu:11739					
45	-0.5638	-0.9832	-1.0664	-0.8669		Q17OK1	Integrator complex subunit 7	Ints7	mmu:77065					
46	-0.1893	-1.0326	-0.4387	-0.8546		Q60932	Voltage-dependent anion-selective channel protein 1	Vdac1	mmu:22333					
47	-1.0699	-0.1522	-0.4572	-0.8510		P61750	ADP-ribosylation factor 4	Arf4	mmu:11843					
48	-0.1131	-0.8918	-0.6164	-0.8487		EQD4P1		Wdlyf1	mmu:69368					
49	-0.5191	-0.1387	-0.3482	-0.8348		Q6N211	Sulfite oxidase, mitochondrial	Dhx37	mmu:208144					
50	-0.2446	-0.0949	-0.0949	-0.8341		Q8R086		Suox	mmu:211389					
51	-0.6481	-0.1914	-0.8230	-0.8063		EQD700		Nuap1	mmu:101706					
52	-0.7021	-0.1285	-0.5701	-0.8063		P57759	Endoplasmic reticulum resident protein 29	Erp29	mmu:67397					
53	-0.1933	-0.5966	-0.1730	-0.8056		Q05793	Basement membrane-specific heparan sulfate proteoglycan core protein;Endorepellin;LG3 peptidi	Hspg2	mmu:15530					
54	-1.7207	-0.3241	-0.7494	-0.7866		P61164	Alpha-actinin	Act1a	mmu:54130					
55	-1.3803	-0.1267	-0.6762	-0.7739		Q9CQV6	Ubiquitin-cytochrome c reductase complex assembly factor 2	Uqc2c	mmu:67267					
56	-1.0046	-1.4500	-0.7661	-1.0735		Q9U1W67	Ubiquitin-like protein 7	Ubl7	mmu:69459					
57	-0.3061	-0.5293	-0.3057	-0.7624		Q9CQ60	6-phosphogluconolactonase	Pgl5	mmu:66171					
58	-0.0689	-0.0689	-0.0689	-0.7571		O99N87	28S ribosomal protein S5, mitochondrial	Rps5	mmu:77721					
59	-0.1224	-0.2233	-1.4632	-0.7486		Q8V054	Regulation of nuclear pre-mRNA domain-containing protein 1A	Rpr1a1	mmu:225283					
60	-0.2738	-0.4630	-0.6301	-0.7196		Q90A69	Sorcin	Srn	mmu:109552					
61	-0.1729	-1.2203	-0.6358	-0.6955		Q9CP96	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	Ndufa5	mmu:14660					
62	-0.0444	-0.4393	-0.8092	-0.6939		P3Z7P3	Glutamine synthase, mitochondrial	Gls	mmu:71617					
63	-0.1960	-0.1860	-1.4865	-0.6896		Q6PD19	UPF0688 protein C10orf76 homolog	Upf1	mmu:71617					
64	-0.2531	-0.7270	-0.6143	-0.6863		Q8R0H9	ADP-ribosylation factor-binding protein GGA1	Gga1	mmu:106039					
65	-0.1140	-0.2776	-0.3778	-0.6850		Q63943	Myocyte-specific enhancer factor 2D	Mezf2	mmu:17261					
66	-0.8896	-0.6122	-0.3576	-0.6697		Q91VAG	Polymerase delta-interacting protein 2	Polidp2	mmu:67811					
67	-0.9178	-0.0988	-0.0748	-0.6697		Q9D873	NADH-cytochrome b5 reductase 1	Cyb5r1	mmu:72017					
68	-0.1509	-0.1472	-0.4170	-0.6024		Q90786	Isobutyryl-CoA dehydrogenase, mitochondrial	Ibdh	mmu:66948					
69	-0.1346	-0.0986	-0.8531	-0.6617		Q9D0D4	Probable dimethyladenosine transferase	Dimt1	mmu:66254					
70	-0.5443	-0.3470	-0.6342	-0.6481		Q5E408	G patch domain and KOW motifs-containing protein	Gpkow	mmu:209416					
71	-1.3672	-0.3049	-0.2688	-0.6450		Q8BT99	Inactive hydroxysteroid dehydrogenase-like protein 1	Hsd1l	mmu:72552					
72	-0.2952	-0.7705	-1.4308	-0.6436		Q8K120	Ubiquinone biosynthesis protein COQ9, mitochondrial	Coq9	mmu:67914					
73	-0.3911	-0.2657	-0.5276	-0.6383		Q99U17	Cleavage stimulation factor subunit 3	Cstf3	mmu:228410					
74	-0.7399	-0.3325	-0.9429	-0.6346		Q92167	Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial	Etfhd	mmu:66841		1			
75	-0.3031	-0.9252	-1.1182	-0.6330		Q61595		Rpl5	mmu:16709					
76	-0.9400	-0.0858	-0.3206	-0.6311		P97461	40S ribosomal protein S5;40S ribosomal protein S5, N-terminally processed	Kps1	mmu:20303					
77	-0.7083	-0.0868	-0.7763	-0.6246		Q90A69	Ribonucleoprotein PTR-binding-1	Rpr1a1	mmu:71366					
78	-0.4569	-0.5244	-1.2479	-0.6117		Q9CWE0	Mitochondrial fission regulator 1-like	Mfr1l	mmu:76824					
79	-0.2565	-0.7439	-1.1113	-0.6065		O9B125	39S ribosomal protein L12, mitochondrial	Mpl12	mmu:56282					
80	-0.4023	-1.5767	-0.2783	-0.6061		Q8B124	28S ribosomal protein S35, mitochondrial	Mps35	mmu:232536					
81	-0.1012	-0.2471	-0.3808	-0.5985		Q9ROE2	Procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1	Plod1	mmu:18822					
82	-0.6063	-0.2692	-0.0580	-0.5904		Q9C9T8	COX assembly mitochondrial protein homolog	Cmc1	mmu:67899					
83	-0.3716	-0.8381		-0.5798		Q9NV99		Hau6	mmu:230376					
84	-0.1328	-0.6064	-1.4146	-0.5796		Q9WVF7	DNA polymerase epsilon catalytic subunit A	Pole	mmu:18973					
85	-0.4796	-0.0903	-0.0903	-0.5798		P12023	Amyloid beta A4 protein-N-APP-Soluble APP-alpha;Soluble APP-beta;C99;Beta-amyloid protein 42	App	mmu:11820					
86	-0.0728	-0.0728	-0.5638	-0.5638		Q93564	Hexamer protein cut-like; Protein CASP	Cas6	mmu:13847		1			
87	-0.4624	-1.1233	-0.5464	-0.5586		Q8B712	C-terminal-binding protein 1	Ctbp1	mmu:13016					
88	-0.6935	-0.2283	-1.1386	-0.5489		P51807	Dynein light chain Ctct-type 1	Dynl1	mmu:21648					
89	-0.8148	-0.1199	-0.2863	-0.5422		Q99Y70	Trifunctional enzyme subunit beta, mitochondrial;3-ketoacyl-CoA thiolase	Hadhb	mmu:231086					
90	-0.8771	-0.3920	-0.1285	-0.5391		Q91XK1		Pcdhgc3	mmu:93706					
91	-0.2759	-0.8732	-0.6075	-0.5303		P47738	Aldehyde dehydrogenase, mitochondrial	Aldh2	mmu:11669					
92	-0.4336	-0.0748	-0.2847	-0.5252		Q9D6R2	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	Ildh3a	mmu:67834					
93	-0.2061	-1.4561	-0.3425	-0.5241		Q60749	KH domain-containing, RNA-binding, signal transduction-associated protein 1	Hkbdr1	mmu:70218					
94	-0.3172	-0.4492	-0.2149	-0.5447		Q92115	Conserved oligomeric GRI-gamma subunit 2	Coq2	mmu:76332					
95	-0.0910	-0.2263	-0.6561	-0.5279		Q12779	Guanine nucleotide-binding protein G(q) subunit alpha	Gtq2	mmu:14682					
96	-0.0742	-0.3326	-1.3466	-0.5108		P17426	AP-2 complex subunit alpha-1	Ap2a1	mmu:11771					
97	-0.3163	-0.6315	-0.9811	-0.5000		Q91YN9	BAG family molecular chaperone regulator 2	Bag2	mmu:213539		1			

116	-0.1468	-0.1631	-0.7065	-0.4185	1	Q8VE22	28S ribosomal protein S23, mitochondrial	Mrps23	mmu:64656		
117	-0.4058	-0.4831	-0.1202	-0.4122	1	Q61112	45 kDa calcium-binding protein	Sdf4	mmu:20318		
118	-0.2854	-0.1275	-0.9671	-0.4109	1	Q61687	Transcriptional regulator ATRX	Atrx	mmu:22589		
119	-0.0771	-0.4594	-0.3535	-0.4010	1	Q9JRK6	Hypoxia up-regulated protein 1	Hyou1	mmu:12282		
120	-0.5297	-0.3658	-0.2262	-0.3910	1	P48754	Breast cancer type 1 susceptibility protein homolog	Brcal	mmu:12189	1	1
121	-0.4841	-0.1750	-0.3766	-0.3835	1	Q08528	Hexokinase-Hexokinase-2	Hk2	mmu:15277		
122	-0.2911	-0.0710	-0.3056	-0.3815	1	Q8VWR5	Transcriptional repressor p66-beta	Gata2b	mmu:22542		
123	-0.1659	-0.0641	-0.1776	-0.3797	1	Q7TQI3	Ubiquitin thioesterase OTUB1	Otub1	mmu:107260		
124	-0.7196	-0.2776	-0.2012	-0.3759	1	Q9Z2U1	Proteasome subunit alpha type-2;Proteasome subunit alpha type-5	Gm3894;P	mmu:26442		
125	-0.1401	-0.6566	-0.2564	-0.3735	1	Q9JHK4	Geranylgeranyl transferase type-2 subunit alpha	Rabgta	mmu:56187		
126	-0.3678	-0.4243	-0.4214	-0.3711	1	Q14CH7	Alanine-tRNA ligase, mitochondrial	Aars2	mmu:224805		
127	-0.3625	-0.3932	-0.4787	-0.3599	1	P70404	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial	Idh3g	mmu:15929		
128	-0.2242	-0.4157	-0.2774	-0.3565	1	Q54724	Polymerase I and transcript release factor	Ptrf	mmu:19285		
129	-0.0331	-0.1784	-0.0371	-0.3503	1	Q9CQ36	DNA polymerase epsilon subunit 4	Pole4	mmu:66979		
130	-0.1417	-0.3225	-0.2912	-0.3469	1	Q88171	Nuclear pore complex protein Nup93	Nup93	mmu:71805		
131	-0.7525	-0.1256	-0.4337	-0.3433	1	Q88MD8	Calcium-binding mitochondrial carrier protein ScaMC-1	Sc25a24	mmu:229731	1	
132	-0.3723	-0.1713	-0.1582	-0.3408	1	Q80WQ2	Protein VAC14 homolog	Vac14	mmu:234729		
133	-0.4840	-0.4099	-0.2801	-0.3412	1	Q9CYN9	Renin receptor	Atg6a2	mmu:70495		
134	-0.3699	-0.2534	-0.1521	-0.3231	1	Q099K9	Probable histidine-tRNA ligase, mitochondrial	Hars2	mmu:70791		
135	-0.2191	-0.9102	-0.1077	-0.3217	1	P33610	DNA primase large subunit	Prim2	mmu:19076		
136	-0.1876	-0.0401	-0.5247	-0.3157	1	Q89116	Vesicle transport through interaction with t-SNAREs homolog 1A	Vti1a	mmu:53611		
137	-0.1632	-0.4735	-0.2998	-0.3103	1	Q9ER88	28S ribosomal protein S29, mitochondrial	Dap3	mmu:65111		1
138	-0.0425	-0.1583	-0.2471	-0.2946	1	Q099X1	Myeloid leukemia factor 2	Mlf2	mmu:30853		
139	-0.0793	-0.0965	-0.2103	-0.2903	1	Q9QYI4	DnaJ homolog subfamily B member 12	Dnajb12	mmu:56709		
140	-0.1587	-0.1567	-0.4086	-0.2802	1	Q09182	Dehydrogenase/reductase SDR family member 4	Dhrs4	mmu:28200		
141	-0.1459	-0.1537	-0.1032	-0.2748	1	P64514	Tripeptidyl-peptidase 2	Tpp2	mmu:222019		
142	-0.0807	-0.3764	-0.1145	-0.2659	1	Q88807	Protein bicucullin D homolog 1	Bicd1	mmu:12121		
143	-0.5990	-0.2289	-0.1264	-0.2581	1	Q9Z1Q5	Chloride intracellular channel protein 1	Clic1	mmu:114584		
144	-0.1017	-0.5433	-0.0857	-0.2570	1	Q8R317	Ubiquitin-1	Ublqnl1	mmu:56085		
145	-0.3235	-0.0181	-0.3598	-0.2528	1	Q09113	3-hydroxyisobutyrate dehydrogenase, mitochondrial	Hibadh	mmu:58875		
146	-0.2239	-0.1307	-0.1904	-0.2490	1	P97868	E3 ubiquitin-protein ligase RBBP6	Rbbp6	mmu:19647		1
147	-0.4556	-0.3287	-0.1374	-0.2476	1	Q9JIG9	Nitric oxide-associated protein 1	Noa1	mmu:56412		
148	-0.3628	-0.1484	-0.2318	-0.2239	1	Q9Q8D0		Dnajc21	mmu:78244		
149	-0.1070	-0.0961	-0.4161	-0.2222	1	Q55XY1	Cytosin-B	Specc1	mmu:14232		
150	-0.1756	-0.1109	-0.3297	-0.2221	1	Q35465	Peptidyl-prolyl cis-trans isomerase FKBP8	Fkbp8	mmu:14232		
151	-0.0138	-0.0938	-0.7185	-0.2220	1	Q7TMY8	E3 ubiquitin-protein ligase HUWE1	Huwe1	mmu:59026		1
152	-0.0282	-0.2691	-0.1439	-0.2047	1	Q8C388	von Willebrand factor A domain-containing protein 8	Vwa8	mmu:219189		
153	-0.1201	-0.2430	-0.1475	-0.2072	1	Q60875	Rho guanine nucleotide exchange factor 2	Arhgef2	mmu:16800		
154	-0.3924	-0.1755	-0.1012	-0.2012	1	Q88N14	Derlin-2	Der12	mmu:116891		
155	-0.0968	-0.2084	-0.2869	-0.2004	1	Q9Z110	Delta-1-pyrroline 5-carboxylate synthase;Glutamate 5-kinase;Gamma-glutamyl phosphate reductase	Aldh18a1	mmu:56454		
156	-0.0668	-0.1279	-0.2813	-0.1963	1	Q8K2Y7	39S ribosomal protein L47, mitochondrial	Mrlp47	mmu:74600		
157	-0.1022	-0.0264	-0.1035	-0.1879	1	P02468	Laminin subunit gamma-1	Lamc1	mmu:19647		
158	-0.0556	-0.2927	-0.1443	-0.1650	1	Q3U9G9	Lamin-B receptor	Lbr	mmu:98386		
159	-0.1015	-0.1427	-0.2338	-0.1634	1	P08775	DNA-directed RNA polymerase II subunit RP81	Polr2a	mmu:20020		
160	-0.0890	-0.0567	-0.2303	-0.1607	1	P54729	NEDD8 ultimate buster 1	Nub1	mmu:53312		
161	-0.1074	-0.0616	-0.3513	-0.1575	1	Q9G677		Utrn	mmu:22288		
162	-0.0444	-0.0511	-0.1365	-0.1497	1	P32067	Lupus La protein homolog	Lsb	mmu:20823		
163	-0.0759	-0.0361	-0.0386	-0.1490	1	Q80YI3	2-deoxydeoxyribose 5-phosphate N-hydrolase 1	Dnph1	mmu:381101		
164	-0.2048	-0.0331	-0.1332	-0.1474	1	Q3TWF6	WD repeat-containing protein 70	Wdr70	mmu:50927		
165	-0.1189	-0.0111	-0.0732	-0.1446	1	Q99MD9	Nuclear autoantigenic sperm protein	Nasp	mmu:29875		
166	-0.0664	-0.1284	-0.0720	-0.0857	1	Q9JWK1	Ras GTPase-activating-like protein IQGAP1	Iqgap1	mmu:22319		
167	-0.0543	-0.0836	-0.2700	-0.1056	1	P63024	Vesicle-associated membrane protein 3	Vamp3	mmu:228359		
168	-0.0543	-0.0836	-0.2700	-0.1056	1	Q5FWK3	Rho GTPase-activating protein 1	Arhgap1	mmu:245474		
169	-0.1315	-0.1322	-0.1315	-0.1079	1	Q9E5X5	H/ACA ribonucleoprotein complex subunit 4	Dkl1	mmu:67655	1	
170	-0.2955	-0.0330	-0.1670	-0.1441	1	Q7T5G2	RNA polymerase II subunit A C-terminal domain phosphatase	Ctdp1	mmu:21402		
171	-0.2415	-0.0330	-0.1670	-0.1441	1	Q9GKX0	Microtubule-actin cross-linking factor 1	Mafk1	mmu:28006		
172	-0.0598	-0.1342	-0.2670	-0.1342	1	Q6P6L7	WASH complex subunit FAM21	Fam21	mmu:19777		
173	-0.0859	-0.2675	-0.1246	-0.1343	1	Q3T1Q5	Unconventional prefolin RP85 interactor	Urr1	mmu:18968		
174	-0.1709	-0.1996	-0.0636	-0.1363	1	P33609	DNA polymerase alpha catalytic subunit	Pola1	mmu:21356		
175	-0.1580	-0.1075	-0.3029	-0.1424	1	Q9R233	Tapasin	Tapbp	mmu:109711		
176	-0.1153	-0.3082	-0.0652	-0.1447	1	Q7TPR4	Alpha-actinin-1	Actn1	mmu:17850		
177	-0.2906	-0.0330	-0.1670	-0.1441	1	P16332	Methylmalonyl-CoA mutase, mitochondrial	Mut	mmu:63958		1
178	-0.1441	-0.0330	-0.1670	-0.1441	1	Q9E500	Ubiquitin conjugation factor E4 B	Ube4b	mmu:14828		
179	-0.1571	-0.1502	-0.1504	-0.1539	1	P20029	78 kDa glucose-regulated protein	Hspa5	mmu:27967		
180	-0.1717	-0.0668	-0.2858	-0.1634	1	Q8CG20	Calcium homeostasis endoplasmic reticulum protein	Cherp	mmu:217869		
181	-0.1399	-0.1719	-0.0387	-0.1680	1	P59235	Eukaryotic translation initiation factor 5	Eif5	mmu:14670		
182	-0.1607	-0.1453	-0.1623	-0.1623	1	P36316	Guanine nucleotide-binding protein-like 1	Gnl1	mmu:11641		
183	-0.1659	-0.0408	-0.1794	-0.1673	1	Q5A931	A-kinase anchor protein 2	Akap2	mmu:66508		
184	-0.0727	-0.1121	-0.0727	-0.1682	1	Q9CQ22	Regulator of complex protein LAMTOR1	Lamtor1	mmu:208768		
185	-0.0604	-0.0408	-0.0755	-0.1740	1	P46471	26S protease regulatory subunit 7	Psmc2	mmu:18972		
186	-0.0553	-0.2857	-0.2694	-0.1779	1	Q35654	DNA polymerase delta subunit 2	Pold2	mmu:54138		
187	-0.1179	-0.2846	-0.3158	-0.1844	1	Q8K1J5	Protein SDE2 homolog	Sde2	mmu:71919		
188	-0.1214	-0.0330	-0.1670	-0.1870	1	P28658	Ataxin-10	Atxn10	mmu:21402		1
189	-0.0698	-0.3562	-0.1542	-0.1880	1	Q9D706	RNA polymerase II-associated protein 3	Rpap3	mmu:56194		
190	-0.1779	-0.4755	-0.2251	-0.1941	1	Q9W1X5	S-phase kinase-associated protein 1	Skp1	mmu:21402		
191	-0.1578	-0.3525	-0.2251	-0.1942	1	Q9R1C7	Pre-mRNA-processing factor 40 homolog A	Pprf40a	mmu:56194		
192	-0.1852	-0.0330	-0.1670	-0.1950	1	Q11011	Puromycin-sensitive aminopeptidase	Npepps	mmu:21915		
193	-0.0330	-0.3008	-0.0937	-0.2008	1	P59328	WD repeat and HMG-box DNA-binding protein 1	Wdrh1	mmu:218973		
194	-0.3096	-0.1584	-0.0720	-0.2039	1	P62259	14-3-3 protein epsilon	Ywhae	mmu:22627		
195	-0.1655	-0.5722	-0.0867	-0.2098	1	Q61249	Immunoglobulin-binding protein 1	Ilgp1	mmu:18518		
196	-0.1378	-0.2313	-0.0609	-0.2110	1	Q8CIE6	Coatomer subunit alpha;Coatomer subunit alpha;Xenin;Proxenin	Copa	mmu:12847		
197	-0.1814	-0.4764	-0.1752	-0.2131	1	P42208	Septin-2	Sept2	mmu:18000		
198	-0.1683	-0.0649	-0.4548	-0.2164	1	P80315	T-complex protein 1 subunit delta	Cct4	mmu:12464		
199	-0.2335	-0.0330	-0.1670	-0.2179	1	Q9Z120	General vesicular transport factor p115	Uso1	mmu:56041		
200	-0.1062	-0.1095	-0.1913	-0.2179	1	Q9R190	Metastasis-associated protein MTA2	Mta2	mmu:23942		
201	-0.0330	-0.0720	-0.0688	-0.2167	1	P46638	Ras-related protein Rab-11B	Rab11b;Ra	mmu:19326		
202	-0.0735	-0.2954	-0.0285	-0.2489	1	Q6IRU2	Tropomyosin alpha-4 chain	Tpm4	mmu:23997		
203	-0.3143	-0.1155	-0.0556	-0.2233	1	Q8C7K2	ER membrane protein complex subunit 1	Emc1	mmu:230866		
204	-0.2849	-0.0330	-0.2547	-0.2242	1	Q9EQH3	Vacuolar protein sorting-associated protein 35	Vps35	mmu:65114		
205	-0.1751	-0.2321	-0.4842	-0.2246	1	Q9D8C7	cAMP-dependent protein kinase type I-alpha regulatory subunit;cAMP-dependent protein kinase I	Pkr1a	mmu:19084		
206	-0.1815	-0.1244	-0.4701	-0.2255	1	Q9CPR5	39S ribosomal protein L15, mitochondrial	Mrlp15	mmu:27395		
207	-0.0174	-0.7789	-0.0675	-0.2259	1	Q61686	Chromobox protein homolog 5	Cbx5	mmu:12419		
208	-0.3422	-0.0475	-0.0923	-0.2270	1	P62876	DNA-directed RNA polymerases I, II, and III subunit RPABCS	Usp50;Polr	mmu:66491		
209	-0.2318	-0.4274	-0.2043	-0.2275	1	Q3THK3	General transcription factor IIF subunit 1	Gtf2f1	mmu:98053		
210	-0.2730	-0.0668	-0.2021	-0.2340	1	P61161	Actin-related protein 2	Actr2	mmu:66713		
211	-0.5542	-0.1822	-0.3212	-0.2380	1	P56299	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 5	Usp5	mmu:22225		
212	-0.5899	-0.0330	-0.1670	-0.2385	1	Q35685	Nuclear migration protein nudc	Nudc	mmu:18221		
213	-0.2377	-0.0436	-0.2924	-0.2357	1	Q09K01	Pyridoxal-dependent decarboxylase domain-containing protein 1	Pdxd1	mmu:94184		
214	-0.3796	-0.0330	-0.1670	-0.2375	1	Q92426	Exportin-6	Xpo6	mmu:74204		
215	-0.1179	-0.0855	-0.2166	-0.2375	1	P63101	14-3-3 protein zeta/delta	Ywhaz	mmu:22631		1
216	-0.0706	-0.2885	-0.4753	-0.2378	1	Q9DCH4	Eukaryotic translation initiation factor 3 subunit F	Eif3f	mmu:66085		
217	-0.3118	-0.2738	-0.2158	-0.2416	1	Q9D8G3	AP-2 complex subunit beta;AP complex subunit beta	Ap2b1	mmu:71770		
218	-0.1598	-0.0631	-0.1897	-0.2437	1	P46935	E3 ubiquitin-protein ligase NEDD4	Nedd4	mmu:17999		1
219	-0.0974	-0.5129	-0.1280	-0.2469	1	Q5D7T8	Paraneoplastic antigen-like protein 5	Pnma5	mmu:385377		
220	-0.3688	-0.1448	-0.3924	-0.2476	1	Q61768	Kinesin-1 heavy chain;Kinesin-like protein	Kif5b	mmu:16573		
221	-0.4051	-0.1322	-0.1016								

242	0.4511	0.0636	0.2189	0.2960	1	Q8BY87	Ubiquitin carboxyl-terminal hydrolase 47	Usp47	mmu:74996	
243	0.0737	0.7849	0.1408	0.2969	1	Q8CH18	Cell division cycle and apoptosis regulator protein 1	Ccar1	mmu:67500	
244	0.0000	0.5542	0.1897	0.2978	1	Q6PIU9	Uncharacterized protein FU45252 homolog		mmu:102637099	
245	0.2421	0.4243	0.0657	0.3003	1	Q8CHQ8	F-box only protein 4	Fbxo4	mmu:106052	1
246	0.4947	0.1374	0.0534	0.3041	1	Q9EQC8		Prcr	mmu:94315	
247	0.0878	1.0102	0.0588	0.3066	1	Q9PFR5	Transformer-2 protein homolog alpha	Tra2a		
248	0.4367	0.1668	0.2723	0.3085	1	Q8UUG5	Septin-9	Sept9	mmu:53860	
249	0.4224	0.6282	0.1152	0.3090	1	Q04887	Transcription factor SOX-9	Sox9	mmu:20682	
250	0.0059	0.5421	0.1953	0.3101	1	B1A0RD6		Sfrn9	mmu:237886	
251	0.4865	0.1928	0.2213	0.3106	1	Q921M4	Golgin subfamily A member 2	Golga2	mmu:99412	
252	0.5017	0.4210	0.2514	0.3136	1	P62317	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	Ppp1ca	mmu:19045	1
253	0.3088	0.4016	0.1372	0.3153	1	Q9EPU0	Regulator of nonsense transcripts 1	Upf1u	mmu:19704	
254	0.4233	0.0715	0.0000	0.3174	1	Q8BUK6	Protein Hook homolog 3	Hook3	mmu:320191	
255	0.0973	0.0938	0.4503	0.3183	1	P49443	Protein phosphatase 1A	Ppm1a	mmu:19042	1
256	0.0058	0.1519	0.5567	0.3220	1	Q923E4	NAD-dependent protein deacetylase sirtuin-1;Sirt1 75 kDa fragment	Sirt1	mmu:93759	1
257	0.0000	0.5268	0.1377	0.3221	1	Q91Z38	Tetratricopeptide repeat protein 1	Ttrc1	mmu:66827	
258	0.4048	0.1275	0.2562	0.3235	1	P58871	182 kDa tankyrase-1-binding protein	Tnks1bp1	mmu:228140	
259	0.3006	0.0000	0.3413	0.3279	1	P63321	Ras-related protein Ral-A	Rala	mmu:56044	
260	0.4386	0.6495	0.0234	0.3300	1	Q920U1	Tight junction protein ZO-2	Tjp2	mmu:21873	
261	0.6284	0.0700	0.1101	0.3392	1	Q9C1T0	Ran-binding protein 3	Ranbp3	mmu:71810	
262	0.0615	0.2221	0.6104	0.3397	1	Q99KL7	Ras-related protein Rab-28	Rab28	mmu:100972	
263	0.1108	0.3700	0.7527	0.3404	1	Q9DBR7	Protein phosphatase 1 regulatory subunit 12A	Ppp1r12a	mmu:17931	
264	0.4552	0.1132	0.5105	0.3405	1	Q8C194	Glycogen phosphorylase, brain form	PygB	mmu:110078	
265	0.4808	0.0938	0.4090	0.3408	1	Q9C204	COP9 signalosome complex subunit 7a	Cops7a	mmu:26894	
266	0.8126	0.3051	0.2439	0.3489	1	Q692X6	MORC family CW-type zinc finger protein 2A	Morc2a	mmu:74522	
267	0.6688	0.3652	0.0427	0.3497	1	Q2A2C19	RNA polymerase-associated protein RTF1 homolog	RT1	mmu:76246	
268	0.1069	0.1081	0.0000	0.3536	1	Q99MM1	Lysine-HRNA ligase	Kars	mmu:85305	
269	0.0586	0.2243	0.4069	0.3545	1	Q8BUU0	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	Sgta	mmu:52551	
270	0.1997	0.3422	0.3776	0.3548	1	Q9CQV8	14-3-3 protein beta/alpha;14-3-3 protein beta/alpha, N-terminally processed	Ywhab	mmu:54401	
271	0.3144	0.0635	0.0000	0.3573	1	Q55514	Active breakpoint cluster region-related protein	Abr	mmu:109934	
272	0.0435	0.5214	0.0000	0.3680	1	Q35245	Polycystin-2	Pkd2	mmu:18764	
273	0.4858	0.2081	0.4593	0.3688	1	Q9CZ15	DNA replication complex GINS protein PSF1	Gins1	mmu:69270	
274	0.1583	0.2684	0.4364	0.3714	1	Q9CWM4	Prefoldin subunit 1	Pfdn1		
275	0.1256	0.4436	0.3788	0.3717	1	Q8OX50	Ubiquitin-associated protein 2-like	Ubp2l	mmu:74383	
276	0.7989	0.1470	0.0000	0.3746	1	Q9DC12	MIP18 family protein FAM96A	Fam96a	mmu:68250	
277	0.2191	0.5858	0.3210	0.3756	1	Q92266	SNARE-associated protein Snapin	Snapin	mmu:20615	
278	0.5829	0.0976	0.3761	0.3752	1	Q71552	Ubiquitin-conjugating enzyme E2 C11	Ubc2l1	mmu:70093	1
279	0.3227	0.0000	0.0840	0.3786	1	Q9C3X0	Protein YF1B	Yf1b	mmu:77254	
280	0.2434	0.5337	0.2358	0.3803	1	Q8C0N6	Thioredoxin-like protein 1	Txn1l	mmu:53382	1
281	0.0000	0.5128	0.1095	0.3810	1	A2A8Z1	Oxysterol-binding protein;Oxysterol-binding protein-related protein 9	Osbpl9	mmu:100273	
282	0.5126	0.3942	0.3865	0.3817	1	Q99P22	Opioid growth factor receptor	Ogfr	mmu:72075	
283	0.0593	0.0798	0.2609	0.3843	1	Q9QWF0	Chromatin assembly factor 1 subunit A	Chaf1a	mmu:27221	
284	0.0132	0.4020	0.4618	0.3844	1	Q3U7U3	F-box only protein 7	Fbxo7	mmu:69754	1
285	0.1338	0.7091	0.2381	0.3846	1	Q61210	Rho guanine nucleotide exchange factor 1	Arhgef1	mmu:16801	
286	0.0000	0.3553	0.0000	0.3857	1	Q6E185	ATP synthase subunit e, mitochondrial	Atps1	mmu:11958	
287	0.7023	0.3141	0.4086	0.3897	1	Q97C23		Tpm3		
288	0.5241	0.0994	0.1946	0.3896	1	Q9DB83	Charged multivesicular body protein 4b	Chmp4b	mmu:75608	
289	0.0636	0.0564	0.6410	0.3896	1	Q6PER3	Microtubule-associated protein RP/EB family member 3	Mapre3	mmu:100732	
290	0.7009	0.2790	0.5156	0.3942	1	P68254	14-3-3 protein theta	Ywhaq	mmu:22630	
291	0.7132	0.4156	0.0000	0.3965	1	Q9D7M8	DNA-directed RNA polymerase II subunit RPB4	Polr2d	mmu:69241	
292	0.3281	0.1147	0.6545	0.4084	1	Q99PL5	Ribosome-binding protein 1	Rbp1	mmu:81910	
293	0.7046	0.3506	0.0538	0.4112	1	Q8CHU3	Epin-2	Epn2	mmu:13855	
294	0.3034	0.3624	0.7846	0.4118	1	Q70194	Eukaryotic translation initiation factor 3 subunit D	Eif3d	mmu:55944	
295	0.3828	0.1046	0.6141	0.4157	1	Q60967	Bifunctional 3-phosphoadenosine 5-phosphosulfate synthase 1;Sulfate adenylyltransferase;Adenylyl	Paps1	mmu:23971	
296	0.4875	0.0000	0.2524	0.4162	1	Q8QYD1	ATP-dependent RNA helicase SUPV3L1, mitochondrial	Supv3l1	mmu:338359	
297	0.0000	0.1333	0.7596	0.4176	1	Q92696	Heat shock 70 kDa protein 1A;Heat shock 70 kDa protein 1B	Ywhaj;Hsp70	mmu:193740	1
298	0.0000	0.2921	0.7416	0.4184	1	Q3U3Y4	Uncharacterized protein C12orf43 homolog		mmu:72357	
299	0.7492	0.0534	0.4087	0.4233	1	Q8QX73	Protein pelota homolog	Pelo	mmu:105083	
300	0.3017	0.1279	0.5874	0.4259	1	P47713	Cytosolic phospholipase A2;Phospholipase A2;Lysophospholipase	Pla2g4a	mmu:18783	
301	0.3618	0.2226	0.5308	0.4287	1	Q9DCD5	Tight junction-associated protein 1	Tjp1	mmu:74094	
302	0.4876	0.0653	0.6183	0.4330	1	Q9DBN0	Elongation factor 1-gamma	Eef1g	mmu:67160	
303	0.3511	0.7089	0.4994	0.4431	1	Q61166	Microtubule-associated protein RP/EB family member 1	Mapre1	mmu:13589	
304	0.1394	0.0000	0.5678	0.4431	1	P07901	Heat shock protein HSP 90-alpha	Hsp90aa1	mmu:15519	1
305	0.0000	0.3885	0.5620	0.4434	1	Q05044	Eukaryotic translation initiation factor 5B	Eif5b	mmu:226982	
306	0.2177	0.1399	0.4855	0.4482	1	P11499	Heat shock protein HSP 90-beta	Hsp90ab1	mmu:15516	
307	0.1577	0.6545	0.4505	0.4505	1	Q8QYR7	Claspin	Cspn	mmu:269582	
308	0.7770	0.1044	0.4589	0.4509	1	P61082	14-3-3 protein gamma;14-3-3 protein gamma, N-terminally processed	Ywhag	mmu:21623	
309	0.2049	0.2872	0.2390	0.4514	1	Q8BMU0	F-box only protein 38	Fbxo38	mmu:107035	
310	0.8474	0.5491	0.2305	0.4545	1	Q3UGC7	Eukaryotic translation initiation factor 3 subunit 1-A;Eukaryotic translation initiation factor 3 subunit	Eif3j;Eif3k	mmu:78655	
311	0.1919	0.2688	0.5012	0.4558	1	Q9CY18	Sorting nexin-7	Snx7		
312	0.4428	0.2265	0.4694	0.4599	1	Q8QTH2	Protein LAP2	Erb2ip	mmu:59079	
313	0.4957	0.5405	0.4174	0.4636	1	Q3U0D6	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 19	Usp19	mmu:71472	
314	0.1995	0.3857	0.0581	0.4711	1	P51949	CDK-activating kinase assembly factor MAT1	Mnat1	mmu:17420	
315	0.9709	0.2280	0.1786	0.4740	1	A0A0RAJ205			mmu:108943	
316	0.6271	0.7749	0.3967	0.4747	1	Q8BH58	F-box-like/WD repeat-containing protein TBL1XR1	Tbl1xr1	mmu:81004	
317	0.3412	0.7171	0.1272	0.4752	1	Q9D9F5	Replication factor C subunit 5	Rfc5	mmu:72151	
318	0.0000	0.6864	0.1929	0.4782	1	Q6P3K7	Histone deacetylase 10	Hdac10	mmu:170787	
319	0.5256	0.4603	0.4715	0.4963	1	Q8C650	Septin-10	Sept10	mmu:103080	
320	0.0000	0.5525	0.8992	0.4969	1	Q55VQ0	Histone acetyltransferase KAT7	Kat7	mmu:217127	
321	0.1714	0.0000	0.0938	0.4975	1	E9Q368		Gm17296	mmu:212728	
322	0.0000	0.4119	1.1766	0.4984	1	D08553	Dihydropyrimidinase-related protein 2	Dpsyl2	mmu:12934	
323	0.8056	0.6716	0.0736	0.4991	1	Q9D6K7	Tetratricopeptide repeat protein 33	Ttrc33	mmu:67515	
324	0.2654	0.6811	0.4328	0.5025	1	Q3THJ3	Probable RNA-binding protein EIFLAD	Eif1ad	mmu:69860	
325	0.2862	0.3453	0.3276	0.5099	1	P59438	Hermans-Pudlak syndrome 5 protein homolog	Hps5	mmu:246694	
326	0.7206	0.1222	0.6671	0.5293	1	Q9E8B0	Synaptosomal-associated protein 29	Snap29	mmu:67474	
327	0.0976	0.0000	0.6793	0.5270	1	Q5ND34	WD repeat-containing protein 81	Wdr81	mmu:192652	
328	0.5477	0.2778	0.1385	0.5370	1	P62386	Ubiquitin-60S ribosomal protein L40;Ubiquitin;60S ribosomal protein L40;Ubiquitin-40S ribosomal	Ubn8797;U	mmu:21181	
329	0.0709	0.0465	0.8172	0.5380	1	Q8QY56	Rabensyn-5	Rbsn	mmu:78287	
330	0.2584	0.5695	1.0257	0.5331	1	Q8CHH9	Septin-8	Sept8	mmu:20362	
331	0.0751	0.4753	0.5118	0.5338	1	Q07813	Apoptosis regulator BAX	Bax	mmu:12028	1
332	0.6548	0.4296	0.6800	0.5387	1	Q6P9Q6	FK506-binding protein 15;Peptidyl-prolyl cis-trans isomerase	Fkbp15	mmu:338355	
333	0.2680	0.2104	0.4494	0.5423	1	Q8BWW3	Eukaryotic peptide chain release factor subunit 1	Etf1	mmu:225363	
334	0.0130	0.4014	1.0843	0.5452	1	Q9EQ61	Pescadillo homolog	Pes1	mmu:64934	
335	0.3894	0.2337	0.9777	0.5454	1	Q9J4K8	Endophilin-B1	Sg3glb1	mmu:54673	1
336	0.0000	0.0000	0.1043	0.5545	1	P61025	Cyclin-dependent kinases regulatory subunit;Cyclin-dependent kinases regulatory subunit 1	Cks1b;rt;Ck	mmu:54124	
337	0.3815	0.3104	0.1455	0.5623	1	Q4KMM3	Oxidation resistance protein 1	Orv1	mmu:170719	1
338	0.1675	0.0000	0.3262	0.5668	1	Q9WVE8	Protein kinase C and casein kinase substrate in neurons protein 2	Pacsn2	mmu:23970	
339	0.6091	0.4367	0.3367	0.5677	1	P29391	Ferritin;Ferritin light chain 1	Ftl1		
340	0.5472	0.6429	0.4381	0.5714	1	Q09044	Synaptosomal-associated protein;Synaptosomal-associated protein 23	Snap23	mmu:20619	
341	0.3634	0.3245	0.6225	0.5736	1	Q6P549	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 2	Inpp1	mmu:16332	
342	0.4677	0.2440	0.4120	0.5814	1	A2AL55	Rap1 GTPase-activating protein 1	Rap1gap	mmu:110351	
343	0.2529	0.5962	0.4919	0.5847	1	Q9JUL0	CD2-associated protein	Cd2ap	mmu:12488	
344	0.2601	0.5743	0.5292	0.5855	1	Q6ZPJ3	E2/E3 hybrid ubiquitin-protein ligase UBE2O	Ube2o	mmu:217342	1
345	0.2783	0.1310	0.4331	0.5920	1	P53811	Phosphatidylinositol transfer protein beta isoform	Ptprnb	mmu:56305	
346	0.6913	0.0000	0.1498	0.5998	1	Q08848	60 kDa SS-A/Ro ribonucleoprotein	Trove2	mmu:20822	
347	0.0000	0.6490	0.6892	0.5999	1	Q8BWF7	Lipoma-preferred partner homolog	Lpp	mmu:210126	
348	0.7485	0.3528	0.8125	0.5970	1	P21881	Protein-glutamine gamma-glutamyltransferase 2	Tgm2	mmu:21817	
349	0.3730	0.1445	0.3565	0.6006	1	Q55013	Trafficking protein particle complex subunit 3	Trappc3	mmu:27096	
350	0.8777	0.4634	0.9791	0.6036	1	Q9JUL0	CTTNBP2 N-terminal-like protein	Ctnnb		

369	0.1840	0.1059	1.0065	0.7111	1	Q9EG05	Collagen type IV alpha 3-binding protein	Col4A3bp	mmu:68018		
370	1.0458	0.7088	0.7016	0.7226	1	Q8R001	Microtubule-associated protein RP/EB family member 2	Mapre2	mmu:212307		
370	0.3957	1.3379	0.5793	0.7400	1	Q89032	SH3 and PX domain-containing protein 2A	Sh3pxd2a	mmu:14218		
371	0.1925	0.0454	0.7312	0.7472	1	Q04207	Transcription factor p65	Rela	mmu:19697	1	1
372	0.5533	0.0510	0.4538	0.7522	1	P36993	Protein phosphatase 1B	Ppm1b	mmu:19043		
373	1.1697	0.2986	0.3758	0.7648	1	Q77MQ7	WD repeat-containing protein 91	Wdr91	mmu:101240		
374	0.075	0.5739	0.3476	0.7784	1	P99027	60S acidic ribosomal protein P2	Rplp2	mmu:67186		
375	0.6517	0.2468	0.1248	0.7825	1	Q3TC11	BRIC5 complex subunit Abro1	Fam175b	mmu:109359		
376	0.4535	0.6470	0.2983	0.7829	1	Q9J1J2	4-trimethylaminobutyraldehyde dehydrogenase	Aldehyde1	mmu:56752		
377	1.2319	0.2165	1.6608	0.7914	1	P05142	60S ribosomal protein L35a	Rpl35a	mmu:57808		
378	0.0000	0.0000	0.6268	0.7943	1	P08207	Protein S100-A10	S100a10	mmu:20194		
379	0.3386	0.2267	0.4038	0.7965	1	Q50102	Putative sodium-coupled neutral amino acid transporter 10	Slc38a10	mmu:72055		
380	0.5280	0.9505	0.4285	0.8069	1	Q8R2U4	N-terminal Xaa-Pro-Lys N-methyltransferase 1;N-terminal Xaa-Pro-Lys N-methyltransferase 1, N-ter	Ntm1	mmu:66617		
381	0.7597	0.8765	0.5570	0.8101	1	Q9J1M1	Equilibrative nucleoside transporter 1	Slc29a1	mmu:63959		
382	0.1561	0.6898	0.0598	0.8204	1	P27808	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	Mgat1	mmu:17308		
383	0.5724	1.1504	0.7830	0.8215	1	Q64327	Male-enhanced antigen 1	Mea1	mmu:17256		
384	0.1733	0.8589	0.0000	0.8342	1	Q9D2C2	Protein SAAL1	Saal1	mmu:78935		
385	0.4839	0.6691	0.7274	0.8583	1	Q9D894	Amyloid beta A4 precursor protein-binding family B member 2	Apbb2	mmu:11787		
386	0.1489	0.6982	0.0778	0.8680	1	Q62193	Replication protein A 32 kDa subunit	Rpa2	mmu:65378		
387	0.0184	0.0952	0.2788	0.8986	1	Q9N476	Actin-related protein 2/3 complex subunit 3	Arpc3	mmu:74781		
388	0.1812	0.9593	1.3610	0.9117	1	Q8W4V7	WD repeat domain phosphoinositide-interacting protein 2	Wip2	mmu:27416		
389	0.4134	0.0769	0.6758	0.9219	1	Q9RLX5	Multidrug resistance-associated protein 5	Abcc5	mmu:27416		
390	1.3486	0.2782	0.6571	0.9372	1	P54310	Hormone-sensitive lipase	Lipe	mmu:16890		
391	0.3078	0.5778	0.5594	0.9537	1	P63005	Platelet-activating factor acetylhydrolase IB subunit alpha	Pafah1b1	mmu:18472		
392	1.4122	1.2338	0.4001	0.9629	1	Q91YM2	Rho GTPase-activating protein 35	Arhgap35	mmu:232906		
393	0.0000	0.0792	0.0495	1.0026	1	Q9ES46	Beta-parvin	Parvb	mmu:170736		
394	0.2811	1.2288	1.1520	1.0510	1	Q8C863	E3 ubiquitin-protein ligase Itch	Itch	mmu:16396		
395	1.0789	1.0604	0.9131	1.0511	1	Q8C844	GRAM domain-containing protein 4	Gram4	mmu:223752		1
396	0.0198	1.7789	0.2529	1.0532	1	Q9J143	Phosphatidate cytidyltransferase;Phosphatidate cytidyltransferase 2	Cds2	mmu:110911		
397	0.8820	1.4263	0.6361	1.2140	1	Q9J113	Tubby-related protein 3	Tubp3	mmu:22158		
398	0.0000	1.3055	1.6511	1.2488	1	Q63448	Eukaryotic translation initiation factor 4 gamma 2	Eif4g2	mmu:13690		
399	0.1181	0.6217	0.1576	1.2683	1	Q77ML7	Prostaglandin G/H synthase 2	Ptg2	mmu:75590		
400	1.1395	0.4973	0.8144	1.2735	1	Q05769	Prostaglandin G/H synthase 2	Ptg2	mmu:19225	1	
401	1.0068	1.1407	0.2969	1.3141	1	Q8B695	Protein phosphatase 1 regulatory subunit;Protein phosphatase 1 regulatory subunit 12B	Ppp1r12b	mmu:67683		
402	0.4352	1.1462	1.2398	1.3315	1	Q9D086	Protein PBD1	Pbdc1	mmu:67683		
403	4.1657	0.3078	0.6172	1.3538	1	P70188	Kinesin-associated protein 3	Kifap3	mmu:16579		
404	0.6265	0.7007	0.2327	1.3644	1	P52633	Signal transducer and transcription activator 6	Stat6	mmu:20852		
405	0.3356	0.0702	0.6603	1.4821	1	Q77MY7	Importin-8	Ipo8	mmu:320727		
406	0.0181	2.3911	1.5603	1.5281	1	Q6NWW9	Fibronectin type III domain-containing protein 3B	Fndc3b	mmu:72007		
407	0.2521	1.4486	0.4217	1.5692	1	Q9JKN1	Zinc transporter 7	Slc30a7	mmu:66500		
408	0.0000	0.0000	0.0000	1.5720	1	Q9JKN1	Zinc transporter 7	Slc30a7	mmu:66500		
409	0.2964	1.2781	0.6557	1.7929	1	P54728	Dehydrogenase/reductase SDR family member on chromosome X homolog	Dhr3	mmu:19359		
410	0.5250	0.2985	0.5272	1.9242	1	Q6A2R5	UV excision repair protein RAD23 homolog B	Rad23b	mmu:108077		
411	4.6047	0.3224	1.5079	2.1450	1	Q09110	Dual specificity mitogen-activated protein kinase kinase 3	Skiv2	mmu:108077		
412	0.7575	0.2913	1.1878	1.7455	1	Q8R7R8	Protein VPRBP	Map2k3	mmu:26397	1	
413	0.5707	0.7957	0.6153	1.6606	1	Q8C050	Ribosomal protein S6 kinase alpha-5	Vprbp	mmu:321006		
414	0.1559	1.4463	0.2949	1.6324	1	Q8B8M5	TBC domain-containing protein kinase-like protein	Rps6ka5	mmu:73086	1	
415	0.3680	0.8472	0.1348	1.4500	1	Q8R318	Cyclin-dependent kinase 8;Cyclin-dependent kinase 19	Tbck	mmu:271981	1	
416	0.2725	0.1622	0.7261	1.3869	1	Q35491	Dual specificity protein kinase CLK2	Cdk8;Cdk1	mmu:264064	1	
417	0.1015	0.5356	0.3399	0.3257	1	Q8K663	Casein kinase I isoform alpha	Clk2	mmu:12748	1	
418	0.4090	0.4380	0.6737	0.6737	1	Q8K663	Casein kinase I isoform alpha	Cskn1a1	mmu:12748	1	
419	0.0852	0.3307	0.4544	0.2931	1	Q00093	Receptor protein-tyrosine kinase;Tyrosine-protein kinase receptor UFO	Cskn2a1	mmu:12995	1	
420	0.1775	0.1107	0.4793	0.2511	1	P70268	Serine/threonine-protein kinase N1	Axl	mmu:26362	1	1
421	0.4991	0.0780	0.0975	0.2249	1	Q54833	Casein kinase II subunit alpha	Pkn1	mmu:320795	1	
422	0.1789	0.4234	0.0610	0.2178	1	Q04736	Tyrosine-protein kinase Yes	Cskn2a2	mmu:13000	1	
423	0.2341	0.0793	0.2339	0.1831	1	Q64729	Receptor protein serine/threonine kinase;TGF-beta receptor type-1	Yes1	mmu:22612	1	
424	0.1555	0.1469	0.1929	0.1651	1	Q9ES74	Serine/threonine-protein kinase Nek7	Tgfb1	mmu:21812	1	
425	0.0414	0.1945	0.1984	0.1448	1	P05480	Neuronal proto-oncogene tyrosine-protein kinase Src	Nek7	mmu:59125	1	
426	0.0000	0.0000	0.3436	0.1282	1	Q62371	Discoilin domain-containing receptor 2	Src	mmu:20779	1	1
427	0.1436	0.1482	0.0728	0.1214	1	Q60855	Receptor-interacting serine/threonine-protein kinase	Ddr2	mmu:18214	1	
428	0.0158	0.0000	0.3659	0.2359	1	Q9B843	Non-specific serine/threonine protein kinase;Serine/threonine-protein kinase PAK 1	Ripk1	mmu:19766	1	1
429	0.3445	0.4737	0.2659	0.2659	1	Q8CTE4	SCY1-like protein 2	Scyl2	mmu:213326	1	
430	0.4574	0.2501	0.3407	0.3494	1	Q8C914	Serine/threonine-protein kinase PAK 2;PAK-2p27;PAK-2p34	Pak2	mmu:224105	1	
431	0.5862	0.4339	0.1815	0.4005	1	Q70589	Peripheral plasma membrane protein CASK	Cask	mmu:12361	1	
432	0.5190	0.1107	0.6352	0.4216	1	P63085	Mitogen-activated protein kinase 1	Mapk1	mmu:26413	1	1
433	0.4518	0.2535	0.5626	0.4226	1	Q54988	STE20-like serine/threonine-protein kinase	Slk	mmu:20874	1	
434	1.0972	0.6409	0.0768	0.6050	1	P35761	Dual specificity protein kinase TTK	Ttk	mmu:20874	1	
435	0.2990	0.6818	0.9484	0.6431	1	Q3UHJ0	AP2-associated protein kinase 1	Aak1	mmu:269774	1	
436	1.1800	0.2334	0.5763	0.6632	1	Q9WV58	Mitogen-activated protein kinase 7;Mitogen-activated protein kinase	Mapk7	mmu:29339	1	1
437	0.7954	1.4698	0.7308	1.0552	1	Q55098	Serine/threonine-protein kinase 10	Skp10	mmu:20868	1	
438	0.3208	0.2024	0.7444	0.2089	1	P61597	Small ubiquitin-related modifier 2;Small ubiquitin-related modifier;Small ubiquitin-related modifier	Sumo2;Sumo3	mmu:170930		
439	0.2393	0.2513	0.6375	0.2049	1	P04AWE	Small ubiquitin-related modifier 2;Small ubiquitin-related modifier;Small ubiquitin-related modifier	Sumo2;Sumo3	mmu:170930		
440	4.1186	0.0776	0.7100	1.6354	1	FAM1405	Protein SCO1 homolog, mitochondrial	Fam186a	mmu:52892		
441	1.3048	0.4184	0.1651	1.6294	1	Q55UVC	Mitochondrial import inner membrane translocase subunit TIM14	Scn1	mmu:67713		
442	2.2172	0.9237	1.4646	1.5352	1	Q9CQV7	U2 small nuclear ribonucleoprotein B	Dnajc9	mmu:20639		
443	1.2138	2.2059	1.0444	1.4880	1	Q9CQJ7	Prostaglandin H synthase 2;Prostaglandin H synthase 2 truncated form	Snrpb2	mmu:20639		
444	2.1301	1.3500	0.6599	1.3800	1	Q8BWM0	Conserved oligomeric Golgi complex subunit 8	Ptges2	mmu:96979		
445	0.9449	1.0473	0.2901	1.3608	1	Q9JIA2	DCN1-like protein;DCN1-like protein 1	Cog8	mmu:97484		
446	0.3090	0.3686	0.6830	1.3602	1	Q9C273	ADP-ribosylation factor 12 member 9	Dcn1d1	mmu:114893		
447	0.5019	0.2799	0.2401	1.3306	1	Q99MR3	ADP-ribosylation factor-like protein 6-interacting protein 1	Slc12a9	mmu:83704		
448	4.9951	1.2854	2.3122	1.3409	1	Q9JKW0	Ribonucleoside-diphosphate reductase large subunit	Arfp6	mmu:54208		
449	0.8186	0.7812	1.3509	1.3140	1	P07742	Interferon-induced transmembrane protein 2	Rmt1	mmu:20133		
450	1.0097	1.6807	1.2256	1.3051	1	Q9N993	AP-4 complex subunit sigma-1	Ifitm2	mmu:80876		
451	0.0713	0.1502	0.5221	1.2479	1	Q9WVL1	Calysenitin-1;Soluble Alc-alpha;CTF1-alpha	Ap4s1	mmu:11782		
452	0.8642	1.9894	0.7849	1.2128	1	Q9FPL2	Replication factor C subunit 1	Cltn1	mmu:65945		
453	0.0956	1.9227	1.6002	1.2062	1	P35601	Fos-related antigen 193A	Rfc1	mmu:19687		
454	1.8881	1.0217	0.6989	1.2029	1	Q8CG11	Fos-related antigen 193A	Fam193a	mmu:231128		
455	1.8334	1.0042	0.6940	1.1772	1	P48755	39S ribosomal protein L2, mitochondrial	Fosl1	mmu:14283	1	
456	0.2432	1.4376	1.8198	1.1698	1	Q9D773	Thymidine kinase, cytosolic	Mprl2	mmu:27398		
457	0.5981	0.5503	0.2410	1.1269	1	P04184	Mediator of RNA polymerase II transcription subunit 11	Tk1	mmu:21877		
458	1.3427	0.3561	1.4669	1.0552	1	Q9D8C8	Nuclear pore complex protein Nup160	Med11	mmu:66172		
459	0.3713	0.4911	0.2949	1.0519	1	Q9D1W3	Glyoxalase GM2 activator	Nup160	mmu:59015		
460	0.9730	0.5550	1.6049	1.0443	1	G60E48	Adf-synaphe;Molybdenum cofactor biosynthesis protein-like-region;FAD synthase region	Gme2a	mmu:14667		
461	0.5535	0.2277	0.3270	1.0361	1	Q8L123	Far-GAP with Rho-GAP domain, ANK repeat and PH domain containing;FAD synthase region	Flad1	mmu:319945		
462	2.2317	1.0770	0.7280	1.0282	1	Q4LD04	Factor VIII intron 22 protein	Arap1	mmu:69710		
463	0.1766	2.4672	0.4287	1.0242	1	Q00558	Mitofusin-1	F8a;F8a1	mmu:67414		
464	2.1302	0.2173	0.7001	1.0159	1	Q8B2H4	Asparagine synthetase [glutamine-hydrolyzing]	Mfn1	mmu:67414		
465	0.2058	0.5988	0.3693	1.0080	1	P70318	Discoilin, CUB and LCLL domain-containing protein 2	Tial1;Tial2	mmu:21843		1
466	2.8153	0.0598	0.1455	1.0069	1	Q9I958	Solute carrier family 12 member 4	Slc12a4	mmu:20498		
467	1.2458	0.7898	0.9713	1.0023	1	G61024	Asparagine synthetase [glutamine-hydrolyzing]	Asns	mmu:27053		
468	0.3324	1.5976	1.0604	0.9968	1	Q9I2V3	Discoilin, CUB and LCLL domain-containing protein 2	Dcdl2	mmu:73379		
469	0.7549	0.6400	1.5734	0.9891	1	Q8B4V7	Zinc transporter ZIP11	Slc39a11	mmu:69806		
470	0.1179	0.2939	0.5349	0.9838	1	Q9D6C9	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex subunit 9, mitochondrial	Ndufa9	mmu:66108		
471	0.4920	0.2337	0.2088	0.9802	1	Q9DZD8	Mitochondrial dicarboxylate carrier	Slc25a10	mmu:27376		

494	-0.1929	-1.2190	-0.9979	-0.8033	1	F8VPU2	FERM, RhoGEF and pleckstrin domain-containing protein 1	Farp1	mmu:223254
495	-1.1307	-0.1660	-1.1049	-0.8005	1	Q9WV54	Acid ceramidase;Acid ceramidase subunit alpha;Acid ceramidase subunit beta	Asah1	mmu:11886
496	-0.7602		-1.6118	-0.7963	1	Q4KML4	Costars family protein ABRACL	Abracl	mmu:73112
497	-1.0770	-1.0695	-0.1997	-0.7821	1	Q68FE6	Protein FAM65A	Fam65a	mmu:75687
498	-0.7755	-0.7914	-0.7694	-0.7788	1	Q5DU37	Zinc finger FYVE domain-containing protein 26	Zfyve26	mmu:211978
499	-0.0886	-0.7132	-1.4801	-0.7606	1	Q9ZD28	Methyl-CpG-binding domain protein 3	Mbd3	mmu:17192
500	-0.3822	-0.5358	-1.3309	-0.7494	1	Q9QCT2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	Nduh3	mmu:68349
501	-0.7844	-0.9788	-0.4727	-0.7453	1	Q9EP82	tRNA (guanine-N(7))-methyltransferase non-catalytic subunit Wdr4;tRNA (guanine-N(7))-methyltransferase Wdr4	Wdr4	mmu:57773
502	-0.2724	-0.6025	-1.3490	-0.7413	1	Q9CPQ1	Cytochrome c oxidase subunit 6C	Cox6c	mmu:12864
503	-1.5213	-0.1266	-0.5667	-0.7382	1	Q6Z093	Ubiquitin carboxyl-terminal hydrolase 34;Ubiquitin carboxyl-terminal hydrolase	Usp34	mmu:17847
504	-1.2679	-0.2400	-0.6783	-0.7287	1	Q80V62	Fanconi anemia group D2 protein homolog	Fancd2	mmu:211651
505	-1.9209	-0.0876	-0.1471	-0.7185	1	Q88GU5	Cyclin-Y	Ccny	mmu:67974
506	-0.7404	-0.6299	-0.7852	-0.7185	1	Q9D083	Kinetochore protein Spc24	Spc24	mmu:67629
507	-0.4156	-0.8819	-0.8560	-0.7178	1	Q9D8P4	39S ribosomal protein L17, mitochondrial	Mrlp17	mmu:27397
508	-0.5390	-0.5195	-1.0910	-0.7165	1	Q5PSV9	Mediator of DNA damage checkpoint protein 1	Mdc1	mmu:240087
509	-0.1138	-1.2685	-0.7486	-0.7109	1	Q8C682	Rhotekin	Rtkn	mmu:20166
510	-1.2057	-0.4219	-0.4737	-0.7004	1	Q9D119	Regulator complex protein LAMTOR5	Lamtor5	mmu:68576
511	-1.5000	-0.1694	-0.4232	-0.6975	1	Q6GV12	3-ketodihydrosphingosine reductase	Kdsr	mmu:70750
512	-0.6045	-1.0500	-0.4337	-0.6961	1	Q6P6L6		Gemin4	mmu:276919
513	-0.6691	-0.7679	-0.6396	-0.6923	1	Q9D822	TP53-regulated inhibitor of apoptosis 1	Triap1	mmu:69076
514	-0.9996	-0.4055	-0.6651	-0.6901	1	Q3UGP9	Leucine-rich repeat-containing protein 58	Lrrc58	mmu:320184
515	-1.3551	-0.2151	-0.4663	-0.6788	1	Q88587	Catechol O-methyltransferase	Comt	mmu:12846
516	-1.0818	-0.3082	-0.6413	-0.6771	1	Q3UI43	BRISC and BRCA1-A complex member 1	Babam1	mmu:68251
517	-0.4474	-0.8061	-0.7401	-0.6645	1	Q9CX86	Heterogeneous nuclear ribonucleoprotein A0	Hnnpa0	mmu:77134
518	-0.4180	-0.6638	-0.9024	-0.6614	1	Q9WV72	Ankyrin repeat and SOCS box protein 3	Abt3	mmu:65257
519	-0.1955	-0.0169	-0.8628	-0.6576	1	Q70213	Friend virus susceptibility protein 1	Fv1	mmu:14349
520	-0.5213	-0.4134	-0.9265	-0.6547	1	Q09143	High affinity cationic amino acid transporter 1	Sc7a1	mmu:11987
521	-0.0481	-1.0942	-0.8068	-0.6500	1	Q80UV2	E3 ubiquitin-protein ligase KCMF1	Kcmf1	mmu:74287
522	-0.2649	-0.5014	-1.1516	-0.6393	1	P61211	ADP-ribosylation factor-like protein 1	Arl1	mmu:104303
523	-0.4371	-0.7874	-0.6806	-0.6350	1	Q8CFO9	U4/U6 small nuclear ribonucleoprotein Prp31	Prp31	mmu:68988
524	-0.3515	-0.4053	-1.1212	-0.6260	1	Q9Z1E4	Glycogen [starch] synthase, muscle	Gys1	mmu:14936
525	-0.1708	-0.4858	-1.1613	-0.6060	1	Q88F29	Erlin-2	Erlin2	mmu:244373
526	-0.9591	-0.5301	-0.3252	-0.6048	1	Q61655	ATP-dependent RNA helicase DDX19A	Ddx19a;Ddx19b	mmu:13680
527	-0.3695	-0.6702	-0.7688	-0.6028	1	Q3UQ84	Threonine--tRNA ligase, mitochondrial	Tars2	mmu:71807
528	-0.2518	-0.7013	-0.8488	-0.6006	1	Q9CB22	Mitochondrial fission 1 protein	Fis1	mmu:66437
529	-0.3625	-0.6512	-0.7582	-0.5996	1	Q8BN31	Nucleolar protein 14	Nop14	mmu:75416
530	-0.2289	-1.0116	-0.5277	-0.5894	1	Q3UB88	Myeloma-overexpressed gene 2 protein homolog	Myen2	mmu:66915
531	-1.1722	-0.3657	-0.2244	-0.5874	1	Q9D061	Acyl-CoA-binding domain-containing protein 6	Acdb6	mmu:72482
532	-0.8596	-0.7735	-0.1174	-0.5835	1	Q9QU86	Prolyl endopeptidase	Prep	mmu:19072
533	-0.1408		-1.5925	-0.5826	1	P70302	Stromal interaction molecule 1	Stim1	mmu:20866
534	-0.0996	-0.0459	-1.5926	-0.5794	1	P57716	Nicestrin	Ncstrn	mmu:59287
535	-0.5252	-0.4621	-0.7418	-0.5764	1	Q9CXR1	Dehydrogenase/reductase SDR family member 7	Dhrs7	mmu:66375
536	-1.1749	-0.1450	-0.3838	-0.5679	1	Q07139	Protein ECT2	Ect2	mmu:13605
537	-0.2066	-0.3253	-1.1554	-0.5624	1	Q6P781	Transportin-3	Tnp3	mmu:320938
538	-0.7670	-0.8380	-0.0814	-0.5621	1	B2R704	Dedicator of cytokinesis protein 5	Dock5	mmu:68813
539	-0.0961	-1.3509	-0.2337	-0.5602	1	P60898	DNA-directed RNA polymerase II subunit RPB9;DNA-directed RNA polymerase subunit	Polr2i	mmu:69920
540	-1.3663	-0.2520	-1.0546	-0.5576	1	Q8K4F6	Probable 28S rRNA (cytosine-C15) methyltransferase	Nmuf5	mmu:100609
541	-0.3668	-0.8017	-0.4732	-0.5472	1	Q148V7	LisH domain and HEAT repeat-containing protein KIAA1468	Kiaa1468;Kiaa1469	mmu:227446
542	-0.9836	-0.5816	-0.0747	-0.5466	1	P70297	Signal transducing adapter molecule 1	Stam	mmu:20844
543	-0.5052	-1.0399	-0.0922	-0.5458	1	Q91W34			mmu:233913
544	-0.2991	-0.0920	-1.2458	-0.5456	1	A2AKU9	ATP synthase subunit gamma	Atp5c1	mmu:217830
545	-0.8275	-0.5284	-0.2713	-0.5424	1	Q88H86	UPF0317 protein C14orf159 homolog, mitochondrial	90306170	mmu:217830
546	-0.1491	-0.8401	-0.6071	-0.5321	1	Q9D7N3	28S ribosomal protein S9, mitochondrial	Mrps9	mmu:69527
547	-0.5834	-0.6393	-0.3695	-0.5307	1	Q8VC81	Nucleoporin NDC1	Ndc1	mmu:72787
548		-0.5788	-0.9837	-0.5259	1	P49570	Calcium signal-modulating cyclophilin ligand	Camlg	mmu:12528
549	-0.4248	-0.3436	-0.7750	-0.5145	1	Q88RC5	Cleavage stimulation factor subunit 2	Cstf2	mmu:108062
550	-0.6294	-0.1873	-0.7219	-0.5138	1	Q8C007	Inhibitor of growth protein 4	Inr4	mmu:28019
551	-0.4865		-1.0428	-0.5104	1	Q9ER41	Torsin-1B	Tor1b	mmu:30934
552	-0.4765	-0.8710	-0.1717	-0.5064	1	Q9EQC1	3 beta-hydroxysteroid dehydrogenase type 7	Hsd3b7	mmu:101502
553	-0.7517	-0.2676	-0.4985	-0.5059	1	Q9C8T8	Exportin-T	Xpot	mmu:213673
554	-1.2511	-0.2146	-0.0411	-0.5023	1	Q8K201	Keratinocyte-associated transmembrane protein 2	9530068E	mmu:213673
555	-0.5532	-0.3452	-0.5969	-0.4984	1	P43406	Integrin alpha-V;Integrin alpha-V heavy chain;Integrin alpha-V light chain	Ilgav	mmu:16410
556	-1.1697		-0.3054	-0.4976	1	Q88983	Syntaxin-8	Stx8	mmu:55943
557	-0.0950	-0.7265	-0.6689	-0.4968	1	Q9JUL6	Selenocysteine lyase	Scly	mmu:50880
558	-0.3383	-0.6886	-0.4386	-0.4885	1	Q89901	Carboxypeptidase D	Cpd	mmu:12874
559	-0.0488	-0.5819	-0.8331	-0.4882	1	P23223	Developmentally-regulated GTP-binding protein 1	Drg1	mmu:13494
560	-0.2647	-0.6130	-0.5695	-0.4844	1	B1AUR6	Protein NMS22-like	Nm22l	mmu:212377
561	-0.1177		-1.3229	-0.4804	1	Q9D8X5	CCRA-NOT transcription complex subunit 8	Cnot8	mmu:69125
562	-0.7820	-0.4705	-0.1706	-0.4744	1	P72892	AP-1 complex subunit gamma-1	Ap1g1	mmu:11765
563	-0.0188	-0.1295	-1.2469	-0.4711	1	Q9D958	Signal peptidase complex subunit 1	Spcs1	mmu:69019
564	-0.6835	-0.1671	-0.5624	-0.4710	1	Q6PA06	Atlastin-2	At12	mmu:56298
565	-0.9016	-0.4549	-0.0485	-0.4687	1	Q80Y81	Zinc phosphodiesterase ELAC protein 2	Elac2	mmu:68626
566	-0.5544	-0.4047	-0.4150	-0.4580	1	Q9Z2Q8	Leucine-rich repeat-containing protein 59	Lrrc59	mmu:98238
567	-0.5693	-0.1124	-0.6888	-0.4568	1	Q35459	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	Ech1	mmu:51798
568	-0.3476	-0.9740	-0.0078	-0.4563	1	P51175	Protoporphyrinogen oxidase	Ppox	mmu:19044
569	-0.3564	-0.6376	-0.1709	-0.4550	1	Q35227	Protein C10	Crc10	mmu:14790
570	-0.0969	-1.0871	-0.1759	-0.4533	1	P46737	Lys-63-specific deubiquitinase BRCC36	Brc32	mmu:210766
571	-0.3055	-0.9691	-0.0779	-0.4506	1	Q9ERE7	LDLR chaperone MESD	Mesdc2	mmu:67943
572	-0.7637	-0.1502	-0.4264	-0.4468	1	Q75IG6	ARF-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2	Asap2	mmu:211914
573	-0.9757	-0.1873	-0.1759	-0.4463	1	Q6P9L6	Kinesin-like protein KIF15	Kif15	mmu:209737
574	-0.8597	-0.2093	-0.2671	-0.4454	1	Q88RT1	CLP-associating protein 2	Clasp2	mmu:76499
575	-0.3596	-0.7593	-0.2143	-0.4444	1	P58468	Protein FAM207A	Fam207a	mmu:108070
576	-0.2412	-0.6054	-0.4802	-0.4423	1	Q06335	Amyloid-like protein 2	Aplp2	mmu:11804
577	-0.7592	-0.1546	-0.4013	-0.4384	1	Q8CSQ4	G-rich sequence factor 1	Gsf1	mmu:231413
578	-0.0868	-0.5670	-0.6963	-0.4360	1	Q6NVF0	Inositol polyphosphate 5-phosphatase OCRL-1	Ocrl	mmu:320634
579	-0.6149	-0.4372	-0.0488	-0.4348	1	Q8R5M8	Cell adhesion molecule 1	Cadm1	mmu:54725
580	-0.3384	-0.4120	-0.5427	-0.4310	1	P11370	MLV-related proviral Env polypeptide;Surface protein;Transmembrane protein;Retrovirus-related	Fv4	mmu:21856
581	-0.1587	-0.3909	-0.7238	-0.4263	1	Q35857	Mitochondrial import inner membrane translocase subunit TIM44	Timm44	mmu:102607
582	-0.1886	-1.0597	-0.0411	-0.4264	1	Q6P471		Snx19	mmu:23888
583	-0.3941	-0.6210	-0.2627	-0.4259	1	Q9R087	Glypican-6;Secreted glypican-6	Gpc6	mmu:271457
584	-0.4417	-0.0601	-0.7748	-0.4256	1	P08556	GTase NRas	Nras	mmu:15510
585	-0.4715	-0.3747	-0.4237	-0.4233	1	P63038	60 kDa heat shock protein, mitochondrial	Hspd1	mmu:271457
586	-0.5106		-0.7425	-0.4228	1	Q9CQD1	Ras-related protein Rab-5A	Rab5a	mmu:14450
587	-0.3933	-0.3257	-0.5380	-0.4190	1	Q64737	Trifunctional purine biosynthetic protein adenosine-3;Phosphoribosylamine--glycine ligase;Phosphoribosyltransferase	Gart	mmu:193116
588	-0.8670	-0.2959	-0.0897	-0.4109	1	Q88H99	Pre-mRNA-splicing factor SLU7	Slu7	mmu:66314
589	-0.6865	-0.4520	-0.0925	-0.4103	1	Q9C222	Tumor protein D54	Tpd52l2	mmu:74467
590	-0.0906	-0.3221	-0.8148	-0.4092	1	Q9D3U0	Putative RNA pseudouridine synthase Pus10	Pus10	
591	-0.0537	-0.3178	-0.8487	-0.4074	1	Q88856	Protein-tyrosine sulfotransferase 2	Tpsl2	
592	-0.1871	-0.8322	-0.1737	-0.3977	1	Q64449	C-type mannose receptor 2	Mrc2	mmu:17534
593	-0.1187	-0.4975	-0.5669	-0.3944	1	Q9QY00	Alpha-adducin	Add1	mmu:11518
594	-0.3445	-0.2977	-0.5401	-0.3941	1	Q55033	Cytoplasmic protein NCK2	Nck2	mmu:17974
595	-0.4107	-0.1322	-0.6239	-0.3889	1	P35276	Ras-related protein Rab-3D	Rab3d	mmu:19340
596		-0.3380	-0.8105	-0.3881	1	Q9ESJ0	Exportin-4	Xpo4	mmu:57258
597	-0.2939	-0.1720	-0.6950	-0.3870	1	P23475	X-ray repair cross-complementing protein 6	Xrcc6	mmu:14375
598	-0.2084	-0.3149	-0.6324	-0.3846	1	P09055	Integrin beta-1	Igb1	mmu:16412
599	-0.3731	-0.1711	-0.6094	-0.3815	1	Q99K13	ER membrane protein complex subunit 3	Emc3	mmu:66087
600	-0.5202	-0.1537	-0.4649	-0.3796	1	P58742	Aladin	Aaas	mmu:223921
601	-0.3464	-0.5818	-0.2096	-0.3793	1	Q8RA66	Nucleoporin NUP53	Nup35	mmu:69482
602	-0.2752	-0.0818	-0.7793	-0.3784	1	Q8VC0F	Mitochondrial antiviral-signaling protein	Mavs	mmu:228607
603	-0.5290	-0.3071	-0.2958	-0.3773	1	Q9CQ62	Methyltransferase-like protein;Methyltransferase-like protein 16	Mett16	mmu:67493
604	-0.4407	-0.5254	-0.1632	-0.3764	1	Q8VDI7	Ubiquitin-associated domain-containing protein 1	Ubacl1	mmu:98766
605	-0.6329	-0.3713	-0.1018	-0.3687	1	Q62465	Synaptic vesicle membrane protein VAT-1 homolog	Vat1	mmu:26949
606	-0.3608	-0.3557	-0.3881	-0.3682	1	Q8QZY9	Splicing factor 3B subunit 4	Sf3b4	mmu:107701
607	-0.1450	-0.6983	-0.2554	-0.3662	1				

620	-0.4539	-0.3168	-0.2834	-0.3514	1	B1AXD8	Akirin-2	Akirin2	mmu:433693
621	-0.4841	-0.1815	-0.3830	-0.3495	1	Q8VEA8	Ras-related protein Rab-7b	Rab7b/543	mmu:226421
622	-0.2445	-0.4596	-0.3412	-0.3484	1	Q5H8C4	Vacuolar protein sorting-associated protein 13A	Vps13a	mmu:271564
623	-0.3527	-0.3251	-0.3509	-0.3429	1	Q09MS57	EH domain-binding protein 1-like protein 1	Ehbp111	mmu:114601
624	-0.2533	-0.2435	-0.5266	-0.3411	1	Q9CZW7	Gamma-soluble NSF attachment protein	Napg	mmu:108123
625	-0.2402	-0.4361	-0.3447	-0.3440	1	Q51W95	Anaphase-promoting complex subunit 4	Anapc4	mmu:52206
626	-0.3071	-0.4730	-0.2356	-0.3346	1	Q8QUJ2	Ribonuclease P protein subunit p38	Rpp38	mmu:16418
627	-0.3908	-0.3450	-0.2786	-0.3381	1	Q55135	Eukaryotic translation initiation factor 6	Elf6	mmu:16418
628	-0.6496	-0.0728	-0.3236	-0.3377	1	A0A0G2JD19			
629	-0.0996	-0.5031	-0.4011	-0.3346	1	Q192X7	Protein density lipoprotein receptor-related protein 1;Low-density lipoprotein receptor-related pr	Lrp1	mmu:16971
630	-0.0680	-0.4171	-0.5100	-0.3317	1	Q099F8	Nuclear pore complex protein Nup155	Nup155	mmu:170762
631	-0.0335	-0.5276	-0.4264	-0.3298	1	Q09916	Leukotriene-B(4) omega-hydroxylase 2	Cyp4f16c	mmu:72054
632	-0.3065	-0.0690	-0.6690	-0.3285	1	A2A1V2	Protein virilizer homolog		1110037F02Rik;Kiaa1429
633	-0.6149	-0.0727	-0.3415	-0.3265	1	Q090C9	Mannose-6-phosphate utilization defect 1 protein	Mpu1	mmu:140740
634	-0.1537	-0.2125	-0.6123	-0.3262	1	Q8VHE0	Translocation protein SEC63 homolog	Sec63	mmu:20692
635	-0.1506	-0.6370	-0.1354	-0.3243	1	P07214	SPARC	Sparc	mmu:108037
636	-0.0829	-0.4712	-0.3225	-0.3235	1	Q0C2N7	Serine hydroxymethyltransferase	Shmt2	mmu:65106
637	-0.5294	-0.4187	-0.3216	-0.3216	1	Q8R5J9	PRA1 family protein 3	Ar16p5	mmu:66162
638	-0.2966	-0.1761	-0.4889	-0.3205	1	Q8R6S2	Bola-A-like protein 2	Bola2	mmu:66278
639	-0.5310	-0.4220	-0.3179	-0.3179	1	D3Z7Q2		Smm20	mmu:11432
640	-0.2054	-0.2677	-0.4777	-0.3169	1	P24638	Lysosomal acid phosphatase	Acp2	mmu:64652
641	-0.1351	-0.4579	-0.3550	-0.3160	1	Q80TM9	Nischarin	Nisch	mmu:69672
642	-0.2276	-0.3740	-0.3431	-0.3149	1	Q6P6J9	Thioredoxin domain-containing protein 15	Txndc15	mmu:320554
643	-0.7235	-0.2160	-0.3145	-0.3145	1	Q8BTG3	T-complex protein 11-like protein 1	Tcp111	mmu:270166
644	-0.1257	-0.7908	-0.3136	-0.3136	1	Q9JH54	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial	Clpx	mmu:15177
645	-0.1279	-0.0588	-0.7594	-0.3125	1	P70155	Proteasome subunit beta type-7	Psmb7	mmu:109754
646	-0.5500	-0.2020	-0.1812	-0.3114	1	Q90CA2	NADH-cytochrome b5 reductase 3;NADH-cytochrome b5 reductase 3 membrane-bound form;NAD	Cyb5b3	mmu:50868
647	-0.3125	-0.3939	-0.2219	-0.3094	1	Q92X28	Kelch-like ECH-associated protein 1	Keap2	mmu:13495
648	-0.2816	-0.1553	-0.4898	-0.3089	1	Q90X89	Developmentally-regulated GTP-binding protein 2	Drg2	mmu:217737
649	-0.2127	-0.2810	-0.4292	-0.3076	1	Q8R6K4	Activator of 90 kDa heat shock protein ATPase homolog 1	Ahsa1	mmu:20643
650	-0.5753	-0.0649	-0.2712	-0.3038	1	P62305	Small nuclear ribonucleoprotein E	Snrpe	mmu:227648
651	-0.0592	-0.3684	-0.4664	-0.2980	1	E9QAT4		Sec16a	mmu:68087
652	-0.0612	-0.4826	-0.3471	-0.2970	1	Q8RHC4	Dephospho-CoA kinase domain-containing protein	Dckad	mmu:116940
653	-0.2043	-0.0829	-0.5800	-0.2891	1	Q923W1	Trimethylguanosine synthase	Tgs1	mmu:69590
654	-0.3376	-0.0971	-0.4818	-0.2890	1	Q9D787	Probable glutathione peroxidase 8	Gpx8	mmu:72654
655	-0.2137	-0.6031	-0.3888	-0.2888	1	Q8R344	Colicid-coll domain-containing protein 12	Ccd12	mmu:30935
656	-0.4706	-0.3569	-0.2885	-0.2885	1	Q9CQM9	Glutaredoxin-3	Glxr3	mmu:100121
657	-0.4953	-0.1066	-0.2481	-0.2833	1	Q8K1H1	Tudor domain-containing protein 7	Tdrd7	mmu:27998
658	-0.0933	-0.4979	-0.2541	-0.2818	1	Q9CRA8	Exosome complex component RRP46	Exosc5	mmu:56327
659	-0.3010	-0.4514	-0.0873	-0.2799	1	Q9D0U4	ADP-ribosylation factor-like protein 2	Ar12	mmu:68585
660	-0.2908	-0.3868	-0.1604	-0.2793	1	Q09P72	Reticulon-4	Rtn4	mmu:75296
661	-0.1995	-0.1621	-0.4746	-0.2787	1	Q66JX5	FGFR1 oncogene partner	Fgfr1op	mmu:70420
662	-0.1240	-0.3741	-0.3347	-0.2776	1	Q9D0A3	Arpin	Arpin	mmu:11306
663	-0.2300	-0.0860	-0.5125	-0.2762	1	Q61102	ATP-binding cassette sub-family B member 7, mitochondrial	Abcb7	mmu:80914
664	-0.1098	-0.1605	-0.5509	-0.2747	1	Q09PM9	Uridine-cytidine kinase 2	Uck2	mmu:12492
665	-0.3277	-0.4899	-0.3746	-0.2746	1	Q35114	Lysosome membrane protein 2	Scarb2	mmu:11972
666	-0.4336	-0.3532	-0.2739	-0.2739	1	P51163	V-type proton ATPase subunit d 1	Atp6o0d1	mmu:27419
667	-0.2465	-0.3485	-0.2188	-0.2713	1	Q8R325		Naglu	mmu:66641
668	-0.2575	-0.2943	-0.2613	-0.2710	1	Q9CPR7	Suppressor of IKKBE 1	Sike1	mmu:28028
669	-0.0485	-0.6947	-0.0693	-0.2708	1	Q8VD19	39S ribosomal protein L50, mitochondrial	Mrlp50	mmu:68981
670	-0.028	-0.3520	-0.4307	-0.2705	1	P57784	U2 small nuclear ribonucleoprotein A	Snrpa1	mmu:59001
671	-0.6520	-0.1285	-0.2700	-0.2700	1	Q9IKP7	DNA polymerase epsilon subunit 3	Pole3	mmu:56384
672	-0.1009	-0.5367	-0.1702	-0.2693	1	Q92Z10	LETM1 and EF-hand domain-containing protein 1, mitochondrial	Letm1	mmu:19650
673	-0.1180	-0.5864	-0.0947	-0.2664	1	Q64701	Retinoblastoma-like protein 1	Rbl1	mmu:70903
674	-0.1714	-0.2946	-0.3306	-0.2659	1	Q3U186	Probable arginine-tRNA ligase, mitochondrial	Rars2	mmu:140951
675	-0.0871	-0.6698	-0.6478	-0.2646	1	Q8RWB6	Metalloendopeptidase STEAP2	Steap2	mmu:75286
676	-0.0642	-0.1127	-0.6079	-0.2646	1	P97266	Endoplasmic reticulum protein 5	Ev5	mmu:70549
677	-0.4558	-0.3176	-0.2587	-0.2587	1	Q7U1X4	Talin-2	Tln2	mmu:11736
678	-0.2287	-0.3856	-0.1525	-0.2556	1	Q81086	Rabankyrin-5	Rnkfy1	mmu:233876
679	-0.3869	-0.3502	-0.2508	-0.2508	1	Q8R8H7	HIRA-interacting protein 3	Hirp3	mmu:15526
680	-0.3434	-0.0555	-0.3517	-0.2502	1	P38647	Stress-70 protein, mitochondrial	Hspa9	mmu:70435
681	-0.3518	-0.3207	-0.0730	-0.2485	1	Q3U3T8	WD repeat-containing protein 62	Wdr62	mmu:54722
682	-0.3804	-0.3370	-0.2480	-0.2480	1	Q0GNC1	Inverted formin-2	Inf2	mmu:74205
683	-0.4639	-0.2603	-0.2472	-0.2455	1	Q92Z03	Non-syndromic hearing impairment protein 5 homolog	Dna5	mmu:74205
684	-0.4639	-0.0368	-0.2359	-0.2455	1	Q9CZW4	Long-chain-fatty-acid-CoA ligase 3	Acl3	mmu:17158
685	-0.0486	-0.0486	-0.2450	-0.2450	1	Q27046	Alpha-mannosidase 2	Man2a1	mmu:56706
686	-0.5242	-0.1689	-0.2438	-0.2438	1	Q5ZKX7	Cyclin-L1	Ccn1	mmu:76308
687	-0.4409	-0.0334	-0.2485	-0.2407	1	Q9D1G1	Ras-related protein Rab-18	Rab18	mmu:68278
688	-0.0608	-0.1760	-0.4832	-0.2400	1	Q8VDW0	ATP-dependent RNA helicase DDX39A	Ddx39a	mmu:103573
689	-0.3126	-0.1546	-0.2525	-0.2399	1	Q6P5F9	Exportin-1	Xpo1	mmu:68278
690	-0.4707	-0.2224	-0.2368	-0.2368	1	P51912	Amino acid transporter;Neutral amino acid transporter B(0)	Slc1a5	mmu:109168
691	-0.1595	-0.2484	-0.3021	-0.2367	1	Q91YH5	Atlastin-3	At13	mmu:58180
692	-0.1579	-0.5068	-0.0428	-0.2359	1	Q9U1Z6	Hypermethylated in cancer 2 protein	Hic2	mmu:229211
693	-0.1717	-0.1161	-0.4195	-0.2358	1	Q8U2N5	Acyl-CoA dehydrogenase family member 9, mitochondrial	Acad9	mmu:74617
694	-0.0982	-0.3639	-0.2438	-0.2353	1	Q92D05	Retinoid-inducible serine carboxypeptidase	Scepp1	mmu:75286
695	-0.3005	-0.1177	-0.2875	-0.2352	1	A2A6T5	Cytoskeleton-associated protein 5	Ckap5	mmu:66474
696	-0.2187	-0.1813	-0.2997	-0.2332	1	P97322	Acidic leucine-rich nuclear phosphoprotein 32 family member E	Anp32	mmu:12558
697	-0.6530	-0.2320	-0.2320	-0.2320	1	P51516	Cadherin-2	Cdh2	mmu:16195
698	-0.1897	-0.0868	-0.4143	-0.2303	1	Q00560	Interleukin-6 receptor subunit beta	Il6st	mmu:67873
699	-0.1744	-0.2366	-0.2757	-0.2289	1	Q9CQ71	Methylthioribose 1-phosphate isomerase	Mri1	mmu:67844
700	-0.0411	-0.2242	-0.4210	-0.2288	1	Q9CZ63	Ras-related protein Rab-32	Rab32	mmu:26951
701	-0.2298	-0.4439	-0.2284	-0.2284	1	Q54692	Centromere/kinetochore protein zw10 homolog	Zw10	mmu:16432
702	-0.0746	-0.0944	-0.5159	-0.2283	1	Q8R051	Integral membrane protein 28;BR12, membrane form;BR12 intracellular domain;BR12C, soluble form	Itm2b	mmu:21672
703	-0.6506	-0.6506	-0.2254	-0.2254	1	Q61171	Peroxisomal protein 2	Pdx2	mmu:70699
704	-0.5409	-0.0526	-0.0810	-0.2249	1	B9E154	Sphingomyelin phosphodiesterase 2	Smpd2	mmu:20598
705	-0.4474	-0.1924	-0.2237	-0.2237	1	Q70702	Protein asurder homolog	Asur	mmu:71171
706	-0.1460	-0.4451	-0.0789	-0.2222	1	Q9C2V7	Dolichyl-phosphate beta-glucosyltransferase	Alg5	mmu:66248
707	-0.2535	-0.2197	-0.1857	-0.2196	1	Q90R25	Nuclear pore glycoprotein p62	Nup62	mmu:18226
708	-0.1346	-0.0424	-0.4741	-0.2185	1	Q63850	Splicing factor 3B subunit 1	Sf3b1	mmu:18971
709	-0.2465	-0.1512	-0.2546	-0.2174	1	Q09N89	DNA polymerase delta catalytic subunit;DNA polymerase	Pold1	mmu:215449
710	-0.0568	-0.1264	-0.4559	-0.2130	1	P52431	Ras-related protein Rap-1b	Rap1b	mmu:18597
711	-0.3154	-0.1050	-0.2181	-0.2128	1	Q09U16	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	Pdh1a	mmu:218503
712	-0.1953	-0.3907	-0.0458	-0.2105	1	P35486	F-BAR domain only protein 2	Fcho2	mmu:105014
713	-0.3328	-0.2149	-0.0774	-0.2084	1	Q3UQ22	Retinol dehydrogenase 14	Rdh14	mmu:100088
714	-0.1624	-0.1725	-0.2895	-0.2081	1	Q9ER16	Regulator of chromosome condensation	Rcc1	mmu:230905
715	-0.2740	-0.2929	-0.0688	-0.2071	1	Q8VE37	TAR DNA-binding protein 43	Tardbp	mmu:68014
716	-0.1477	-0.1015	-0.3635	-0.2043	1	Q921F2	Protein zwilch homolog	Zwilch	mmu:66592
717	-0.4347	-0.1333	-0.0434	-0.2031	1	Q8R060	Stomatatin-like protein 2, mitochondrial	Stoml2	mmu:433956
718	-0.2037	-0.0958	-0.3072	-0.2026	1	Q091B2	Dynein assembly factor 5, axonemal	Dnaaf5	mmu:226154
719	-0.5174	-0.0171	-0.0455	-0.1983	1	B9E1R8	Leucine zipper putative tumor suppressor 2	Lts2	mmu:221732
720	-0.1617	-0.2023	-0.2261	-0.1967	1	Q91YU6	Cell division cycle protein 27 homolog	Cdc27	mmu:72322
721	-0.0386	-0.3106	-0.2387	-0.1960	1	A2A6Q5	Exportin-5	Xpo5	mmu:433256
722	-0.2020	-0.2568	-0.1241	-0.1943	1	Q924C1	Long-chain-fatty-acid-CoA ligase 5	Acl5	mmu:67078
723	-0.2060	-0.1196	-0.2440	-0.1899	1	Q8U2R0	Phosphoglycolate phosphatase	Pgp	mmu:228725
724	-0.1485	-0.3275	-0.0822	-0.1861	1	Q8CHP8	Chloride channel CLIC-like protein 1	Clic1	mmu:217124
725	-0.0888	-0.2901	-0.1863	-0.1794	1	Q92912	Neurabin-2	Nrabin2	mmu:231713
726	-0.1594	-0.3548	-0.1779	-0.1779	1	Q6R891	N-alpha-acetyltransferase 25, NafB auxiliary subunit	Naa25	mmu:22166
727	-0.1500	-0.3485	-0.1745	-0.1745	1	Q8R8W23	Thioredoxin	Txn	mmu:27061
728	-0.2038	-0.1952	-0.1136	-0.1709	1	P10639	B-cell receptor-associated protein 31	Bcap31	mmu:22214
729	-0.2248	-0.2340	-0.0518	-0.1702	1	Q61335	Ubiquitin-conjugating enzyme E2 H	Ube2h	mmu:70361
730	-0.1410	-0.2841	-0.0850	-0.1700	1	P62257	Protein ERGIC-53	Lman1	mmu:74142
731	-0.2406	-0.2365	-0.1667	-0.1667	1	Q9D0F3	Lon protease homolog, mitochondrial	Lonp1	mmu:230249
732	-0.2702	-0.0926	-0.1328	-0.1652	1	F7B198	Proteasome-associated protein ECM29 homolog	Ecm29a3	mmu:268390
733	-0.1392	-0.2196	-0.1357	-0.1648	1	Q8CGK3	Activator of 90 kDa heat shock protein ATP		

746	-0.1189	-0.0881	-0.2220	-0.1430	1	Q3U7R1	Extended synaptotagmin-1	Esy1t	mmu:23943		
747	-0.0354	-0.0354	-0.3762	-0.1406	1	P17427	AP-2 complex subunit alpha-2	Ap2a2	mmu:11772		
748	-0.1665	-0.0937	-0.1501	-0.1368	1	A8C756	Thyroid adenoma-associated protein homolog	Thada	mmu:240174		
749	-0.1471	-0.0659	-0.1868	-0.1333	1	Q88H50	Uncharacterized protein C18orf25 homolog	8030462N	mmu:212163		
750	-0.2814	-0.0866	-0.0813	-0.1271	1	Q9D104	Transmembrane emp24 domain-containing protein 10	Tmed10	mmu:68581		
751	-0.0666	-0.2354	-0.1008	-0.1261	1	P5C285	Ras-related protein Rap-1A	Rap1a	mmu:109905		
752	-0.1184	-0.1173	-0.0963	-0.1240	1	Q80K95	Ras-related GTP-binding protein A:Ras-related GTP-binding protein B	RragA/Rrag	mmu:68441		
753	-0.1159	-0.0938	-0.1787	-0.1180	1	Q92120	tRNA (guanine-N(7))-methyltransferase	Mett1t	mmu:17299		
754	-0.1632	-0.1028	-0.0546	-0.1103	1	Q9C242	ATP-dependent (S)-NAD(P)H-hydrate dehydratase	Carkd	mmu:69225		
755	-0.1252	-0.1659	-0.0777	-0.1045	1	Q60864	Stress-induced-phosphoprotein 1	Stip1	mmu:20867		
756	-0.1691	-0.0796	-0.0584	-0.1024	1	Q9QYF9	Protein NDRG3	Ndr3	mmu:29812		
757	-0.1313	-0.0777	-0.1501	-0.1016	1	C03548	Centrin-3	Cetn3	mmu:12626		
758	-0.1509	-0.1229	-0.0777	-0.0979	1	Q91Y12	Sorting nexin-4	Snx4	mmu:69150		
759	-0.0285	-0.0409	-0.2053	-0.0936	1	Q88G32	26S proteasome non-ATPase regulatory subunit 11	Psm11	mmu:69077		
760	-0.1088	-0.0777	-0.1538	-0.0859	1	Q3U114	DNA damage-binding protein 1	Ddb1	mmu:13194		1
761	-0.1270	-0.0777	-0.1203	-0.0849	1	Q88K55	Cytochrome P450 20A1	Cyp20a1	mmu:77951		
762	-0.0388	-0.0409	-0.1679	-0.0806	1	Q6Z318	Transcription intermediary factor 1-beta	Trim28	mmu:21849		
763	-0.1500	-0.0388	-0.0586	-0.0791	1	C05841	Apoptosis inhibitor 5	Api5	mmu:11800		1
764	-0.0137	-0.1484	-0.0511	-0.0777	1	Q09104	Dehydrogenase/reductase SDR family member 1	Dhrs1	mmu:52585		
765	-0.0777	-0.0771	-0.1156	-0.0699	1	Q9Z1F9	SUMO-activating enzyme subunit 2	Uba2	mmu:50995		
766	-0.0314	-0.0474	-0.1287	-0.0602	1	Q9D759	Charged multivesicular body protein 5	Chmp5	mmu:76959		
767	-0.0702	-0.0630	-0.0391	-0.0670	1	Q88L66	Early endosome antigen 1	Eea1	mmu:216238		
768	-0.0388	-0.0777	-0.1438	-0.0488	1	Q70456	14-3-3 protein sigma	Sfn	mmu:55948		1
769	-0.0338	-0.1107	-0.0374	-0.0646	1	A2A4P0	ATP-dependent RNA helicase DHX8	Dhx8	mmu:217207		
770	-0.0764	-0.0374	-0.0965	-0.0699	1	Q56925	Probable ATP-dependent RNA helicase DDX46	Ddx46	mmu:212880		
771	-0.1097	-0.0338	-0.0586	-0.0744	1	Q91V65	Methyltransferase-like protein E3	Mettl3	mmu:71449		
772	-0.0338	-0.0338	-0.1900	-0.0786	1	Q6Z612	Eukaryotic translation initiation factor 4 gamma 1	Eif4g1	mmu:208643		
773	-0.1456	-0.0644	-0.0349	-0.0862	1	Q8C0V9	FERM domain-containing protein 6	Frm6	mmu:319710		
774	-0.0804	-0.1048	-0.0748	-0.0867	1	Q8C0G9	F-box/LRR-repeat protein 8	Fbx8	mmu:50788		
775	-0.0777	-0.2482	-0.0777	-0.0931	1	Q88MP6	Golgi resident protein GCP60	Acdb3	mmu:170760		
776	-0.0777	-0.1163	-0.1633	-0.0980	1	P55012	Solute carrier family 12 member 2	Slc12a2	mmu:20496		
777	-0.1125	-0.1239	-0.0788	-0.1037	1	Q05186	Reticulocalbin-1	Rcn1	mmu:19672		
778	-0.0777	-0.0279	-0.2588	-0.1065	1	Q99L48	60S ribosomal export protein NMD3	Nmd3	mmu:97112		
779	-0.0835	-0.0777	-0.2472	-0.1140	1	Q8C0D5	Elongation factor Tu GTP-binding domain-containing protein 1	Eftud1	mmu:101592		
780	-0.2687	-0.0777	-0.0838	-0.1199	1	Q9WYTM	RuvB-like 2	Ruvb2	mmu:20174		
781	-0.0586	-0.0777	-0.2951	-0.1224	1	Q2XKW8	Cytoplasmic dynein 1 intermediate chain 2	Ppf1a1	mmu:233977		
782	-0.1688	-0.2173	-0.1287	-0.1287	1	Q88A87	Mini-chromosome maintenance complex-binding protein	Dync1c2	mmu:13427		
783	-0.1043	-0.2058	-0.1013	-0.1371	1	Q8R3C0	Unconventional myosin-le	Mcm9b	mmu:210711		
784	-0.2661	-0.0777	-0.1442	-0.1447	1	E9Q634	tRNA-dihydrouridine(47) synthase [NAD(P)+]-like	Myo1e	mmu:71602		
785	-0.0944	-0.2368	-0.1122	-0.1478	1	Q91X11	Serine/threonine-protein phosphatase 4 regulatory subunit 2	Dus3l	mmu:224907		
786	-0.1202	-0.1758	-0.1487	-0.1482	1	Q0VGB7	F-actin-capping protein subunit beta	Ppp4r2	mmu:232314		
787	-0.0777	-0.3234	-0.1286	-0.1509	1	G3X972	Pyridine nucleotide-disulfide oxidoreductase domain-containing protein 1	Sec24c	mmu:12345		
788	-0.0570	-0.1532	-0.2443	-0.1515	1	P47757	Kinesin-like protein KIF2A	Capz2	mmu:232491		1
789	-0.0331	-0.0915	-0.3227	-0.1558	1	Q3TMV7	T-complex protein 1 subunit theta	Pyrxd1	mmu:16563		
790	-0.2768	-0.1457	-0.0777	-0.1577	1	P28740	Multivesicular body subunit 12A	Kif2a	mmu:12469		
791	-0.3250	-0.1537	-0.1693	-0.1693	1	P42923	Cell division cycle protein 123 homolog	Cdc23	mmu:7711		
792	-0.0923	-0.2073	-0.1860	-0.1649	1	Q78WU3	Heat shock 70 kDa protein 4	Mvb12a	mmu:98828		
793	-0.0977	-0.1637	-0.2753	-0.1656	1	Q8C1C2	40S ribosomal protein S3	Cdc123	mmu:223978		1
794	-0.2568	-0.1659	-0.0785	-0.1671	1	Q61316	Hsp40	Hspa4	mmu:27050		
795	-0.0529	-0.2166	-0.2370	-0.1688	1	P62908	Mitochondrial import inner membrane translocase subunit Tim9	Rps3	mmu:30056		1
796	-0.0880	-0.0742	-0.3474	-0.1609	1	Q9WV98	Bcl2-associated agonist of cell death	Timm9	mmu:12015		
797	-0.3511	-0.1023	-0.0588	-0.1701	1	Q61337	Histone-lysine N-methyltransferase setd3	Bad	mmu:52690		1
798	-0.0777	-0.3358	-0.1673	-0.1708	1	Q91WC0	Enhancer of rudimentary homolog	Setd3	mmu:13877		
799	-0.3509	-0.0982	-0.0920	-0.1804	1	P84089	Nucleolar protein 6	Erh	mmu:230082		
800	-0.0994	-0.2376	-0.2100	-0.1810	1	Q8R5K4	NF-kappa-B-repressing factor	Nof	mmu:77286		
801	-0.1153	-0.1295	-0.3009	-0.1887	1	Q88V02	Obg-like ATPase 1	Nkrf	mmu:67059		
802	-0.1540	-0.0905	-0.3027	-0.1854	1	Q9C230	Protein chibby homolog 1	Oia1	mmu:73739		
803	-0.1752	-0.0701	-0.3057	-0.1837	1	Q9D1C2	Enhancer of rudimentary homolog	Cby1	mmu:56086		
804	-0.2953	-0.2334	-0.1864	-0.1864	1	Q9EQUS	NSFL1 cofactor p47	Set	mmu:386649		
805	-0.1787	-0.2954	-0.1176	-0.1972	1	Q9C244	Heterogeneous nuclear ribonucleoprotein Q	Nsf1c	mmu:56403		
806	-0.1769	-0.3809	-0.1538	-0.1973	1	Q7TMK9	E3 SUMO-protein ligase NSE2	Syncrip	mmu:68501		
807	-0.3383	-0.0786	-0.2017	-0.2062	1	Q91V71	Lanosterol 14-alpha demethylase	Nsmc2	mmu:13121		
808	-0.3153	-0.2120	-0.1118	-0.2130	1	Q8K0C4	Serine/threonine-protein phosphatase CPPED1	Cyp51a1	mmu:223978		1
809	-0.1540	-0.2530	-0.2333	-0.2134	1	Q8R6F5	AMP deaminase 2	Cpped1	mmu:109674		
810	-0.1830	-0.0788	-0.3814	-0.2142	1	Q9D8T5	Transmembrane 9 superfamily member 2	Ampd2	mmu:102122		
811	-0.0962	-0.3451	-0.2093	-0.2162	1	Q91WE2	Armadillo repeat-containing protein 8	Fam192a	mmu:68059		
812	-0.2235	-0.3071	-0.1185	-0.2165	1	P58021	Elongation factor 2	Tm9d21	mmu:74125		
813	-0.1397	-0.0777	-0.4652	-0.2173	1	Q9D8R3	Filamin-A	Arm8	mmu:13629		1
814	-0.1913	-0.0656	-0.4608	-0.2197	1	P58252	Ras-related protein Rap-2c	Eef2	mmu:27065		
815	-0.2479	-0.0656	-0.3470	-0.2202	1	Q88TM8	Eh domain-binding protein 1	Flna	mmu:215655		
816	-0.2320	-0.2403	-0.1925	-0.2216	1	Q8BU31	Unconventional myosin-Ixb	Rap2c	mmu:71978		
817	-0.2326	-0.2405	-0.2016	-0.2249	1	Q692W3	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	Ehbp3	mmu:268449		
818	-0.4028	-0.0595	-0.2272	-0.2298	1	Q9C0V6	60S ribosomal protein L23a	Myo9b	mmu:28441		
819	-0.2780	-0.1032	-0.3234	-0.2349	1	Q6P1F6	Proteasome subunit alpha type-4	Ppp2r2a	mmu:14381		
820	-0.0694	-0.0777	-0.6376	-0.2375	1	P6Z751	MAGUK p55 subfamily member 6	Rpl23a	mmu:56524		
821	-0.2310	-0.1134	-0.3705	-0.2403	1	Q9R1P0	Retinol dehydrogenase 11	Psm4	mmu:17252		
822	-0.2354	-0.2772	-0.2457	-0.2457	1	Q9C0G2	Swi5-dependent recombination DNA repair protein 1 homolog	Gpp61	mmu:67788		
823	-0.2858	-0.1400	-0.3047	-0.2435	1	Q9U108	Eukaryotic translation initiation factor 3 subunit C	Mpp6	mmu:56347		
824	-0.1929	-0.2052	-0.3615	-0.2532	1	Q9QYF1	Signal recognition particle 9 kDa protein	Rdh11	mmu:27058		
825	-0.3740	-0.2950	-0.1031	-0.2574	1	Q88P27	Beta-catenin-like protein 1	Sfr1	mmu:66642		
826	-0.1381	-0.3565	-0.2918	-0.2621	1	Q8R184	Double-stranded RNA-binding protein Staufen homolog 1	Elf3c	mmu:20853		
827	-0.2868	-0.2444	-0.2635	-0.2649	1	P49962	Axin interactor, dorsalization-associated protein	Srp9	mmu:108909		
828	-0.4052	-0.2937	-0.0961	-0.2650	1	Q9CWL8	Serum albumin	Elf3c	mmu:56347		
829	-0.0777	-0.1096	-0.6532	-0.2650	1	F8WU14	Bifunctional purine biosynthesis protein PURH:Phosphoribosylaminoimidazolecarboxamide formyl	Ctnnb1	mmu:66642		
830	-0.1440	-0.1930	-0.4024	-0.2681	1	Q9Z108	Transforming protein RhoA	Ecm1	mmu:108147		
831	-0.1983	-0.1698	-0.2689	-0.2689	1	Q8C4C6	ATP synthase subunit d, mitochondrial	Stau1	mmu:20853		
832	-0.4714	-0.1385	-0.1936	-0.2684	1	P07724	Chromatin assembly factor 1 subunit 8	Aida	mmu:11657		
833	-0.2018	-0.5470	-0.0615	-0.2702	1	Q9C0W9	SAP30-binding protein	Alb	mmu:108147		1
834	-0.0831	-0.0777	-0.7174	-0.2710	1	Q9U100	Splicing factor 3B subunit 5	Rhoa	mmu:11848		
835	-0.0835	-0.2983	-0.4391	-0.2736	1	Q9DCK2	Ras-related protein Rab-9A	M10250J	mmu:71679		
836	-0.3187	-0.3325	-0.1710	-0.2741	1	Q9D0N7	Tight junction protein ZO-1	Chaf1b	mmu:110749		
837	-0.2642	-0.3151	-0.2472	-0.2755	1	Q0Z614	Polyadenylate-binding protein 1	Sap30b	mmu:57230		
838	-0.0777	-0.0777	-0.7970	-0.2776	1	Q9Z3D4	Proteasome subunit alpha type-1	Sf3b5	mmu:66125		1
839	-0.3786	-0.2908	-0.1673	-0.2789	1	Q9R0M6	C-1-tetrahydrofolate synthase, cytoplasmic:Methylenetetrahydrofolate dehydrogenase:Methylenetetrahydrofolate synthase	Rab9a/Rab	mmu:56382		
840	-0.0731	-0.2787	-0.4839	-0.2791	1	P39447	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1	Tjp1	mmu:21872		
841	-0.0698	-0.4348	-0.3497	-0.2841	1	P79341	Dedicator of cytokinesis protein 1	Patgpc1	mmu:18458		
842	-0.4618	-0.2944	-0.0900	-0.2851	1	Q8R1P4	Glutamate dehydrogenase 1, mitochondrial	Psm1a	mmu:26440		
843	-0.2226	-0.1870	-0.4382	-0.2826	1	Q9Z2D8	Eukaryotic translation initiation factor 3 subunit B	Mthfd1	mmu:108156		
844	-0.5177	-0.1566	-0.1382	-0.2842	1	A2A8P1	Signal recognition particle 9 kDa protein	Ppip5k1	mmu:327655		1
845	-0.1671	-0.4702	-0.2188	-0.2854	1	P26443	Beta-catenin-like protein 1	Glud1	mmu:14661		
846	-0.0562	-0.1298	-0.6724	-0.2861	1	Q88UR4	E3 ubiquitin-protein ligase RBX1:E3 ubiquitin-protein ligase RBX1, N-terminally processed	Dock1	mmu:330662		
847	-0.2093	-0.4551	-0.1995	-0.2880	1	P62878	Exocyst complex component 4	Rbx1	mmu:56438		1
848	-0.2699	-0.5291	-0.0711	-0.2900	1	C05382	E3 ubiquitin-protein ligase UBR3	Exoc4	mmu:20336		
849	-0.4392	-0.3627	-0.0688	-0.2901	1	Q5U430	Elongation factor 1-beta	Sfrp9	mmu:68795		
850	-0.3330	-0.2087	-0.3420	-0.2946	1	P70251	26S proteasome non-ATPase regulatory subunit 6	E			

872	0.0000	0.5982	0.3931	0.3441	1	P62307	Small nuclear ribonucleoprotein F	Snrpf	mmu:69878	
873	0.0713	0.0137	0.5296	0.3475	1	B2RU88		Map4k4		
874	0.3472	0.2838	0.4220	0.3510	1	P61327	Protein mago nashi homolog	Magoh	mmu:17149	
875	0.2013	0.4799	0.3738	0.3517	1	Q6PD0H	Pleckstrin homology-like domain family 8 member 1	Phldb1	mmu:102693	
876	0.0846	0.5736	0.4080	0.3547	1	Q6PAJ1	Breakpoint cluster region protein	Bcr	mmu:110279	
877	0.3009	0.0073	0.5582	0.3548	1	Q62270	40S ribosomal protein S18	Gm10260	mmu:20084	
878	0.1784	0.1156	0.9159	0.3581	1	Q8BRW1	Transporter: sodium- and chloride-dependent creatine transporter 1	Slc6a8	mmu:102857	
879	0.3926	0.5005	0.1912	0.3614	1	Q3U2P1	Protein transport protein Sec24A	Sec24a	mmu:77371	
880	0.7673	0.1880	0.1477	0.3677	1	Q9CPV7	Cytosol aminopeptidase	Lap3	mmu:66988	
881	0.2933	0.2894	0.5223	0.3683	1	P51410	60S ribosomal protein L9	Rpl9	mmu:20005	
882	0.6847	0.1795	0.2431	0.3691	1	P70444	BH3-interacting domain death agonist;BH3-interacting domain death agonist p15;BH3-interacting	Bid	mmu:12122	1
883	0.4616	0.5383	0.1096	0.3698	1	Q9ERG2	Striatin-3	Strn3	mmu:94186	
884	0.2249	0.4973	0.4008	0.3743	1	Q9D358	Low molecular weight phosphotyrosine protein phosphatase	Acp1	mmu:11431	
885	0.1122	0.9538	0.0901	0.3754	1	Q70252	Heme oxygenase 2	Hmox2	mmu:15369	1
886	0.0827	0.7630	0.2955	0.3797	1	P62889	60S ribosomal protein L30	Rpl30	mmu:19946	
887	0.3406	0.3574	0.4422	0.3801	1	P97798	Neogenin	Neo1		
888	0.1557	0.1828	0.8057	0.3807	1	Q9BG09	Eukaryotic translation initiation factor 4B	Eif4b	mmu:75705	
889	0.1210	0.5032	0.5293	0.3845	1	Q61792	UIM and SH3 domain protein 1	Lasp1	mmu:16796	
890	0.9629	0.9629	0.1817	0.3863	1	Q70378	ER membrane protein complex subunit 8	Emc8	mmu:18117	
891	0.7181	0.4520	0.3937	0.3937	1	Q9CPR1	RWD domain-containing protein 4	Rwdd4,Rw	mmu:192174	
892	0.4597	0.1150	0.6103	0.3950	1	Q9CWF9	Golgin subfamily A member 1	Golga1	mmu:76899	
893	0.2239	0.5607	0.4110	0.3985	1	Q5BU09	E2F-associated phosphoprotein	Eapp	mmu:66266	
894	0.6745	0.2427	0.2791	0.3988	1	Q8KT24	Ubiquinol-cytochrome-c reductase complex assembly factor 3	Uqcq3	mmu:107197	
895	0.4645	0.3834	0.3533	0.4004	1	Q6Q972	Histone-binding protein RBBP4	Rbbp4	mmu:19646	
896	0.1790	0.2486	0.7799	0.4023	1	Q8K019	Bcl-2-associated transcription factor 1	Bclaf1	mmu:72567	
897	0.4550	0.6000	0.2096	0.4082	1	Q6PDLO	Cytoplasmic dynein 1 light intermediate chain 2	Dync2i2	mmu:234663	1
898	0.3909	0.4156	0.4209	0.4081	1	Q6PF67	Exocyst complex component 8	Exoc8	mmu:102058	
899	1.0058	0.0474	0.1752	0.4095	1	Q91W28	Dysbindin	Dtnbp1	mmu:94245	
900	0.5915	0.6322	0.4113	0.4113	1	Q92089	FACT complex subunit SPT16	Supt16,Suq	mmu:114741	
901	0.5856	0.4566	0.1922	0.4115	1	Q6Q973	Histone-binding protein RBBP7	Rbbp7	mmu:245688	
902	0.2038	0.2737	0.7581	0.4119	1	Q77MB8	Cytoplasmic FMR1-interacting protein 1;Cytoplasmic FMR1-interacting protein 2	Cyfp1,Cyfi	mmu:20430	
903	1.1059	0.0652	0.0705	0.4122	1	Q31125	Zinc transporter SLC39A7	Slc39a7	mmu:14977	
904	0.2059	0.7392	0.3180	0.4210	1	Q8C187	Septin-11	Sept11	mmu:52398	
905	0.2324	0.5521	0.4800	0.4215	1	P34022	Ran-specific GTPase-activating protein	Ranbp1	mmu:19385	
906	0.2362	0.5587	0.4748	0.4232	1	Q9CR51	V-type proton ATPase subunit G 1	Atpvx1g1	mmu:66290	
907	0.4724	0.2450	0.5535	0.4236	1	Q55131	Septin-7	Sept7	mmu:235072	
908	0.4413	0.8780	0.8280	0.4259	1	Q8BS97	Becrin-1	Becn1	mmu:55208	1
909	0.9842	0.2856	0.4267	0.4267	1	Q61584	Fragile X mental retardation syndrome-related protein 1	Fxr1	mmu:14359	1
910	0.3985	0.6118	0.0713	0.4272	1	Q6NVE8	WD repeat-containing protein 44	Wdr44	mmu:72404	
911	0.3662	0.7197	0.2124	0.4328	1	Q5QAM2		Pdp2	mmu:382051	
912	0.6115	0.1126	0.5759	0.4333	1	Q71F05	E3 ubiquitin-protein ligase ZNRF2	Znrf2	mmu:387524	1
913	0.4769	0.4334	0.3901	0.4335	1	Q9WUJ8	TNFAIP3-interacting protein 1	Tnrip1	mmu:57783	
914	0.5126	0.0591	0.7286	0.4335	1	Q91V04	Translocating chain-associated membrane protein 1	Tram1	mmu:72265	
915	0.1294	0.7238	0.4479	0.4337	1	Q9DAU1	Protein canopy homolog 3	Cnp3	mmu:72029	
916	0.3499	0.6106	0.3528	0.4398	1	Q8K409	Protein HEXIM1	Hexim1	mmu:192231	
917	0.2088	0.1253	0.9082	0.4401	1	Q62179	Semaphorin-4B	Sema4b	mmu:20352	
918	0.4000	0.6182	0.4415	0.4415	1	Q6K325	40S ribosomal protein S10	Rps10	mmu:67697	
919	0.2159	0.6228	0.4868	0.4418	1	Q9CR29	Colicoid-coil domain-containing protein 43	Cdc43	mmu:52715	
920	0.0566	0.7615	0.5254	0.4458	1	Q6ZVY3	40S ribosomal protein S27;40S ribosomal protein S27-like	Rps27l	mmu:14225	
921	0.4805	0.2977	0.5604	0.4462	1	P26883	Peptidyl-prolyl cis-trans isomerase FKBP1A;Peptidyl-prolyl cis-trans isomerase	Fkbp1a	mmu:14225	
922	0.3179	0.0957	0.9433	0.4523	1	Q9Z2J3	CAP-Gly domain-containing linker protein 1	Cllp1	mmu:56430	
923	0.2452	0.8150	0.3002	0.4535	1	P62869	Transcription elongation factor B polypeptide 2	Tceb2	mmu:67673	1
924	0.1706	0.1000	1.1660	0.4570	1	Q9DOW5	Peptidyl-prolyl cis-trans isomerase-like 1	Ppil1	mmu:68816	
925	0.4443	0.1048	0.8387	0.4626	1	Q8C754	Vacuolar protein sorting-associated protein 52 homolog	Vps52	mmu:224705	
926	0.7575	0.6227	0.4897	0.4697	1	Q9WV32	Actin-related protein 2/3 complex subunit 1B	Arpc1b	mmu:11867	
927	0.7513	0.4057	0.4975	0.4702	1	Q6Q598	Src substrate cortactin	Cctc	mmu:113043	
928	0.9025	0.4754	0.4786	0.4786	1	Q8H845	Gamma-tubulin complex component 5	Tubgp5	mmu:23276	
929	0.4592	0.2306	0.7525	0.4808	1	P63330	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform;Serine/threonine-protein	Ppp2ca,Pp	mmu:19052	1
930	0.6134	0.6333	0.4901	0.4901	1	Q9QZD9	Eukaryotic translation initiation factor 3 subunit 1	Eif3	mmu:54709	1
931	1.0248	0.1639	0.2888	0.4925	1	Q9DCA2	28S ribosomal protein S11, mitochondrial	Mrps11		
932	0.2596	0.8321	0.4110	0.5009	1	Q9CXP8	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10	Gng10	mmu:14700	
933	0.2459	0.8986	0.3605	0.5017	1	Q8R146	Acylation-acid-releasing enzyme	Apeh	mmu:235606	
934	0.2475	0.5506	0.7167	0.5049	1	Q6N0X0	Protein WWC2	Wwc2	mmu:52357	
935	0.5432	0.1055	0.8663	0.5050	1	Q8K2Y9	Cerebral cavernous malformations protein 2 homolog	Ccm2	mmu:216527	
936	1.0319	0.0728	0.4629	0.5080	1	P35980	60S ribosomal protein L18	Rpl18	mmu:19899	
937	0.7798	0.0728	0.6818	0.5113	1	Q3JF22	Piezoe-type mechanosensitive ion channel component 1;Piezo-type mechanosensitive ion channel	Piezo1		
938	0.2927	0.7932	0.4822	0.5115	1	Q923G2	DNA-directed RNA polymerases I, II, and III subunit RPABK3	Rpb2h	mmu:245841	
939	0.7457	0.7932	0.7833	0.5154	1	Q6NVE9	Protein phosphatase PTC7 homolog	Ptc7	mmu:320717	1
940	0.7015	0.6553	0.1917	0.5162	1	Q8K124	Pleckstrin homology domain-containing family O member 2	Plekho2	mmu:102595	
941	1.0448	0.2530	0.2516	0.5165	1	Q4VB02	Transmembrane anterior posterior transformation protein 1	Tapt1	mmu:231225	
942	0.2158	0.7360	0.6042	0.5187	1	Q6N2N1	Protein arginine N-methyltransferase 6	Prmt6	mmu:99890	
943	0.6692	0.2917	0.5966	0.5192	1	Q5SFM8	RNA-binding protein 27	Rbm27	mmu:225432	
944	0.6955	0.7479	0.1343	0.5259	1	A2A432	Cullin-4B	Cul4b	mmu:72584	1
945	0.6404	0.3404	0.6000	0.5309	1	Q8BH43	Wiskott-Aldrich syndrome protein family member 2	Wsf2	mmu:242687	
946	0.5150	0.7657	0.3160	0.5322	1	Q9JHQ5	Leucine zipper transcription factor-like protein 1	Lzf1	mmu:93730	
947	0.2346	0.4496	1.2148	0.5330	1	Q6J216	Double-strand break repair protein MRE11A	Mre11a	mmu:17535	
948	0.2571	0.9152	0.4350	0.5332	1	Q5T2E7	Nuclear fragile X mental retardation-interacting protein 2	Nufip2	mmu:6564	
949	0.8396	0.1220	0.6545	0.5387	1	Q8K4C2	RUN and FYVE domain-containing protein 2	Rufy2	mmu:70432	
950	0.0966	0.8079	0.7213	0.5419	1	Q3UHXC	28 kDa heat- and acid-stable phosphoprotein	Pdp1	mmu:231887	
951	0.3133	0.7004	0.6296	0.5478	1	Q9JKB1	Ubiquitin carboxyl-terminal hydrolase isozyme L3;Ubiquitin carboxyl-terminal hydrolase isozyme L	Uchl3,Uchl	mmu:50933	
952	0.4553	0.6127	0.5770	0.5483	1	Q9QWY8	ARF-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	Asap1	mmu:13196	
953	0.5244	0.6650	0.4757	0.5550	1	Q8VC4E	Uncharacterized protein C9orf40 homolog	D030056L2	mmu:225995	
954	0.4182	0.8571	0.3919	0.5557	1	Q9Z1W4	Quinone oxidoreductase-like protein 1	Cryz1	mmu:66609	
955	0.0306	0.6628	0.9672	0.5562	1	P02088	Hemoglobin subunit beta-1;Hemoglobin subunit beta-2	Hbb-b1,Hb	mmu:15129	
956	0.5397	0.6896	0.4487	0.5593	1	Q3JUF4	G patch domain-containing protein 11	Gpatch11	mmu:53951	
957	1.0168	0.0013	0.4774	0.5593	1	P47962	60S ribosomal protein L5	Rpl5	mmu:100503670	
958	0.6581	0.4220	0.6165	0.5654	1	Q8VZK4	Palmitoyltransferase ZDHHC5	Zdhhc5	mmu:228136	
959	0.2598	0.2307	1.2061	0.5655	1	Q91V11	Autophagy-related protein 13	Atg13	mmu:51897	
960	0.3515	0.6630	0.6844	0.5663	1	B2RU88	OTU domain-containing protein 7B	Otd7b	mmu:229603	
961	0.9111	0.1746	0.6142	0.5666	1	Q9Z0Y1	Dynactin subunit 3	Dctn3	mmu:53598	
962	0.2611	0.3846	1.0672	0.5710	1	Q9CQX2	Cytochrome b5 type B	Cyb5b	mmu:66427	
963	0.2518	0.5579	0.9038	0.5712	1	P97480	Eyes absent homolog;Eyes absent homolog 3	Eya3	mmu:14050	1
964	0.2923	0.6469	0.7862	0.5751	1	P63158	High mobility group protein B1	Hmgb1	mmu:15289	1
965	0.8377	0.3179	0.5804	0.5787	1	Q3UMF0	Cordon-bleu protein-like 1	Cobl1	mmu:319876	
966	1.1999	0.1277	0.4208	0.5828	1	P47963	60S ribosomal protein L13	Rpl13	mmu:270106	
967	0.7925	0.4948	0.4696	0.5847	1	Q55229	Choline/ethanolamine kinase	Chka	mmu:12651	
968	0.0000	1.0485	0.6907	0.5880	1	Q6Q575	Kinesin-like protein KIF18;Kinesin-like protein	Kif18	mmu:16561	
969	0.3332	0.9055	0.5407	0.5961	1	Q9D6Z1	Nuclear protein 56	Np56	mmu:67134	
970	1.2895	0.4906	0.6002	0.6002	1	Q8C689	Active regulator of SIRT1	Rps19bp1	mmu:66538	
971	0.3691	0.7842	0.6576	0.6036	1	Q8VHH5	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3	Agap3		
972	0.6325	0.9123	0.2744	0.6064	1	E9PYH6	Histone-lysine N-methyltransferase	Setd1a	mmu:233904	1
973	0.3094	1.2803	0.2308	0.6068	1	P68040	Guanine nucleotide-binding protein subunit beta-2-like 1;Guanine nucleotide-binding protein sub	Gnb2l1	mmu:14694	
974	0.3778	1.2561	0.1881	0.6073	1	Q8CJF7	Protein ELYS	Ahtct1	mmu:226747	
975	0.1641	0.8272	0.8346	0.6086	1	Q8K4R9	Disks large-associated protein 5	Dlgap5	mmu:218977	
976	0.0796	0.5987	1.1829	0.6294	1	P35550	rRNA 2-O-methyltransferase fibrillarin	Fbl	mmu:14113	
977	0.5904	0.0013	0.3919	0.6279	1	Q91V23	Brain acid soluble protein 1	Basp1	mmu:70350	
978	0.1327	0.7260	1.0499	0.6362	1	Q8VC15	Peroxisomal biogenesis factor 19	Pex19	mmu:19298	
979	0.4516	0.7538	0.2059	0.6371	1	Q55091	Protein IMPACT	Impact	mmu:16210	1
980	1.6141	0.3257	0.6490	0.6490	1	Q9D8E6	60S ribosomal			

998	0.6637	1.5185	0.7335	1	Q8BHL8	Proteasome inhibitor Pi31 subunit	Psmf1	mmu:228769	
999	1.3940	0.5750	0.2443	0.7378	1	Q9CQR2	40S ribosomal protein S21	Rps21	mmu:66481
1000	1.4207	0.5686	0.2418	0.7437	1	P59840	DNA-directed RNA polymerase III subunit RPC2	Polr3b	mmu:70428
1001	0.6652	0.7812	0.7945	0.7470	1	Q8B8VU	Leucine-rich repeat and calponin homology domain-containing protein 3	Lrch3	mmu:70144
1002	0.7481	1.0189	0.4951	0.7540	1	P47390	Fos-related antigen 2	Fosl2	mmu:14284
1003	0.6168	0.7992	0.8326	0.7562	1	P94899	Ribosomal protein L19;60S ribosomal protein L19	Rpl19	mmu:19921
1004	0.4070	0.5327	1.3603	0.7661	1	P45481	CREB-binding protein	Ctcfbp	
1005	0.7663	1.0491	0.5510	0.7888	1	Q9D2C6	DNA-directed RNA polymerase III subunit RPC8	Polr3h	mmu:78929
1006	0.9373	0.6311	0.8007	0.7897	1	Q6ZVV7	60S ribosomal protein L35	Rpl35;Gm1	mmu:66489
1007	0.3650	1.0517	0.9537	0.7901	1	P62892	60S ribosomal protein L39	Rpl39	mmu:67248
1008	0.0722	1.1474	1.1632	0.7943	1	Q9CWU4	UPF0690 protein C1orf52 homolog	Z410004B1	mmu:66421
1009	0.6676	0.8130	0.9379	0.8062	1	Q03173	Protein enabled homolog	Enah	mmu:13800
1010	1.2769	1.0398	0.1119	0.8095	1	Q9CZM2	Ribosomal protein L15;60S ribosomal protein L15	Gm10020J	mmu:66480
1011	0.4532	1.3336	0.6517	0.8128	1	Q9OZH3	Peptidyl-prolyl cis-trans isomerase E	Ppie	mmu:56031
1012	0.8088	0.5749	1.0584	0.8140	1	Q8QKX6	Autophagy-related protein 2 homolog B	Atg2b	mmu:76559
1013	0.0867	0.5180	1.8551	0.8196	1	C099F0	CD99 antigen-like protein 2	C099F2	mmu:171486
1014	0.8409	0.6273	1.0187	0.8230	1	Q7V5J2	Microtubule-associated protein 6	Map6	mmu:17760
1015	1.1295	0.7685	0.6047	0.8342	1	P14206	40S ribosomal protein SA	Rpsa	mmu:16785
1016	0.6856	0.2081	1.6132	0.8376	1	Q9WV96	Mitochondrial import inner membrane translocase subunit Tim10 B	Timm10b	mmu:14356
1017	0.5667	0.6940	1.2539	0.8382	1	Q92103	Activity-dependent neuroprotector homeobox protein	Adnp	mmu:11538
1018	1.5014	0.4221	0.6064	0.8433	1	Q7TMX5	Protein SHQ1 homolog	Shq1	mmu:72171
1019	0.1943	1.0124	1.3286	0.8451	1	Q9WTJ4	Fit3-interacting zinc finger protein 1	Fiz1	mmu:23877
1020	1.8579	0.6141	0.6347	0.8456	1	C09167	60S ribosomal protein L21	Rpl21	
1021	0.9201	0.1585	1.4659	0.8482	1	Q9EP53	D-glucuronyl C5-epimerase	Glice	mmu:93683
1022	1.2160	0.5807	0.7590	0.8539	1	P19253	60S ribosomal protein L13a	Rpl13a	mmu:22121
1023	1.1327	0.8224	0.5339	0.8658	1	Q9PAM1	Alpha-taxilin	Txlna	mmu:109658
1024	0.8402	0.8492	1.7938	0.8852	1	Q8BKK1	Brain-specific angiogenesis inhibitor 1-associated protein 2	Baiap2	mmu:108100
1025	1.3349	0.7081	0.6844	0.9091	1	Q6P6L0	Filamin A-interacting protein 1-like	Filip1l	
1026	0.7093	0.8679	1.1551	0.9108	1	Q8QC02	Vacuolar protein sorting-associated protein 26B	Vps26b	mmu:69091
1027	1.6152	0.5964	0.6411	0.9509	1	Q9ER67		Maged2	mmu:80884
1028	0.2890	1.5797	1.0818	0.9835	1	P63073	Eukaryotic translation initiation factor 4E	Eif4e	mmu:13684
1029	0.1827	2.0287	0.7921	1.0012	1	Q35071	Kinesin-like protein;Kinesin-like protein KIF1C	Kif1c	mmu:16562
1030	1.0593	0.6685	1.3305	1.0194	1	P10649	Glutathione S-transferase Mu 1	Gstm1	mmu:14862
1031	0.1897	0.4551	2.4747	1.0398	1	P18572	Basigin	Bsg	mmu:12215
1032	0.4213	2.2238	0.6006	1.0819	1	Q9DBM1	G patch domain-containing protein 1	Gpatch1	mmu:67471
1033	0.7719	0.6885	1.6043	1.0899	1	Q8K287	Ubiquitin carboxyl-terminal hydrolase 45	Usp45	mmu:77591
1034	0.1478	2.0306	1.1227	1.1094	1	P49769	Presenilin-1;Presenilin-1 NTF subunit;Presenilin-1 CTF subunit;Presenilin-1 CTF12	Psen1	mmu:19164
1035	1.0482	0.7767	1.5376	1.1208	1	Q8C619	Latent-transforming growth factor beta-binding protein 1	Ltbp1	mmu:268977
1036	2.3992	0.7477	0.2776	1.1415	1	Q8BVA0	N-acetylgalactosaminyltransferase 7	Galn7	mmu:108150
1037	1.8928	1.3151	0.2167	1.1415	1	Q9QYH6	Melanoma-associated antigen D1	Maged1	mmu:94275
1038	2.1330	0.5576	0.7504	1.1470	1	P14148	60S ribosomal protein L7	Rpl7	mmu:19989
1039	1.4714	0.7692	1.2238	1.1548	1	P62918	60S ribosomal protein L8	Rpl8	mmu:26961
1040	2.6397	0.3061	0.6540	1.1999	1	P47911	60S ribosomal protein L6	Rpl6;Gm54	mmu:19988
1041	1.8524	1.8193	0.0936	1.2458	1	Q8B0TE	RNA polymerase II-associated protein 1	Rpap1	mmu:68925
1042	0.5689	1.8039	1.3580	1.2709	1	Q0P688		Eif4e2	
1043	1.7918	0.2344	1.8380	1.2909	1	Q3UAI6	Kinetochore protein Spc25	Spc25	mmu:66442
1044	1.6431	0.5434	0.7504	1.3151	1	Q8K1L5	Protein phosphatase 1 regulatory subunit 11	Ppp1r11	mmu:76497
1045	1.3493	1.7594	1.5275	1.4787	1	Q3UWT1	Protein phosphatase 1 regulatory subunit 12C	Ppp1r12c	mmu:232807
1046	2.8558	1.3210	0.4081	1.5283	1	Q8B0U7	Vacuolar protein sorting-associated protein 37B	Vps37b	mmu:330192
1047	0.0413	4.7907	0.4590	1.7637	1	Q8BFZ3	Beta-actin-like protein 2	Actb2	mmu:238880
1048	4.2026	0.8901	0.5344	1.8757	1	Q9E0H8	39S ribosomal protein L46, mitochondrial	Mrlp46	mmu:67308
1049	0.9647	2.2964	3.6969	2.3193	1	Q9CQZ0	ORM1-like protein 2;ORM1-like protein 1	Gm28778J	mmu:66844
1050	0.6585	0.1422	0.0435	0.9552	1	Q09995	Cyclin-dependent kinase 9	Cdk9	mmu:107951
1051	0.3741	0.6619	0.8765	0.8486	1	P52332	Tyrosine-protein kinase;Tyrosine-protein kinase JAK1	Jak1	
1052	0.3761	1.1360	0.9331	0.7924	1	Q63184	Maternal embryonic leucine zipper kinase	Melk	mmu:17279
1053	0.7051	0.0980	0.4464	0.7218	1	Q0P522	Platelet-derived growth factor receptor beta	Pdgfrb	mmu:18596
1054	0.7081	0.2126	0.4689	0.7488	1	Q8CQF0	Serine/threonine-protein kinase greatwall	Greatw	mmu:67121
1055	0.2285	0.1663	0.3802	0.4529	1	Q49025	Citron Rho-interacting kinase	Cit	
1056	1.2415	0.1049	1.5316	0.4394	1	Q42A56	Titin	Ttn	
1057	0.0961	1.1508	0.5087	0.3237	1	P728867	Protein kinase C;Protein kinase C delta type;Protein kinase C delta type regulatory subunit;Protein Prickd	Pricd	mmu:18753
1058	0.7051	0.7135	0.3066	0.2823	1	Q3U0U6	Non-specific serine/threonine protein kinase;Serine/threonine-protein kinase MRCK alpha	Cdc42bpa	
1059	0.1800	0.0879	0.2046	0.2161	1	Q8BWW9	Serine/threonine-protein kinase N2	Pkn2	mmu:109333
1060	0.0752	0.7628	0.5865	0.2053	1	P05132	cAMP-dependent protein kinase catalytic subunit alpha	Prkaca	mmu:18747
1061	0.1373	0.5175	0.1234	0.1901	1	Q7T5E6	Serine/threonine-protein kinase 38-like	Slk38l	mmu:232533
1062	0.0821	0.7360	0.4610	0.1566	1	Q9D2Y4	Mixed lineage kinase domain-like protein	Mlll	mmu:74568
1063	0.4536	0.4253	0.1305	0.4543	1	Q9WV57	Dual specificity mitogen-activated protein kinase kinase 5	Map2k5	mmu:23938
1064	0.2010	1.0197	0.1517	0.1517	1	Q8B0U7	Cyclin-dependent kinase 17	Cdk17	mmu:217469
1065	0.0416	0.0633	0.1380	0.1407	1	Q03145	Ephrin type-A receptor 2	Epha2	mmu:13836
1066	0.2481	0.2699	0.4746	0.1252	1	Q03963	Interferon-induced, double-stranded RNA-activated protein kinase	Eif2ak2	mmu:19106
1067	0.3512	0.1461	0.3275	0.1024	1	P83741	Serine/threonine-protein kinase WNK1	Wnk1	mmu:232341
1068	0.0433	0.0875	0.6517	0.0943	1	Q9WV60	Glycogen synthase kinase-3 beta	Gsk3b	mmu:56637
1069	0.5739	0.9664	1.1812	0.0904	1	Q9JLM8	Serine/threonine-protein kinase DCLK1	Dclk1	mmu:13175
1070	0.0433	0.6355	0.9121	0.0834	1	Q70293	G protein-coupled receptor kinase 6	Grk6	mmu:26385
1071	0.0745	0.7668	0.1478	0.0699	1	Q8B8N21	Serine/threonine-protein kinase VRK2	Vrk2	mmu:69922
1072	0.3082	0.5546	0.5267	0.0699	1	Q8B8C8	Phosphatidylinositol 4-kinase beta	Pik4b	mmu:107650
1073	0.4357	0.3473	0.1581	0.0698	1	Q24768	Cyclin-dependent kinase 11B	Cdk11b	mmu:12537
1074	0.4357	0.3473	0.1581	0.0698	1	Q6A063	Cyclin-dependent kinase 6	Cdk6	mmu:51571
1075	0.1699	0.0548	0.1394	0.0519	1	P31938	Dual specificity mitogen-activated protein kinase kinase 1	Map2k1	mmu:26395
1076	0.9190	0.2569	1.3094	0.0371	1	P31750	RAC-alpha serine/threonine-protein kinase	Akt1	mmu:11651
1077	0.1188	0.5661	1.3956	0.0276	1	P18654	Ribosomal protein S6 kinase alpha-3	Rps6ka3	mmu:110651
1078	0.1188	0.5661	1.3956	0.0276	1	Q8BPM2	Mitogen-activated protein kinase kinase kinase kinase;Mitogen-activated protein kinase kinase kinase kin	Map4k5	mmu:399510
1079	0.8918	0.0478	0.3320	0.0276	1	Q8K1R7	Serine/threonine-protein kinase Nek9	Nek9	mmu:217718
1080	0.2192	0.1172	0.1553	0.0276	1	Q69238	Pseudopodium-enriched atypical kinase 1	Peak1	mmu:244895
1081	0.2967	0.3057	0.3329	0.0276	1	Q60751	Tyrosine-protein kinase receptor;insulin-like growth factor 1 receptor;insulin-like growth factor 1	Igf1r	mmu:16001
1082	0.1789	1.1785	0.1240	0.0276	1	Q92H22	[Pyruvate dehydrogenase [acetyl-transferring]] kinase isozyme 3, mitochondrial	Pkg3	mmu:236900
1083	0.3784	0.2825	0.9239	0.0276	1	Q2N4L51	Glycogen synthase kinase-3 alpha	Gsk3a	mmu:66606
1084	0.3784	0.2825	0.9239	0.0276	1	Q9JLU3	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma	Pip4k2c	mmu:17150
1085	0.3125	0.0035	0.3003	0.0276	1	Q92289	Ribosomal protein S6 kinase alpha-4	Rps6ka4	mmu:56163
1086	0.0472	0.0471	0.3326	0.0276	1	P54761	Receptor protein-tyrosine kinase;Ephrin type-B receptor 4	Ephb4	mmu:13846
1087	0.1006	0.0681	0.1036	0.0276	1	Q0K0L2	Triple functional domain protein	Trio	mmu:223435
1088	1.8934	0.3645	0.1709	0.0446	1	Q9D0L4	Uncharacterized aarF domain-containing protein kinase 1	Adck1	mmu:72113
1089	0.0632	0.0695	0.3297	0.0475	1	Q61136	Serine/threonine-protein kinase PRP4 homolog	Prpf4b	mmu:19134
1090	0.2645	0.2601	0.1901	0.0641	1	Q6P9R2	Serine/threonine-protein kinase OSR1	Osr1	mmu:108737
1091	0.4755	0.4402	0.3533	0.0872	1	Q8CEE6	PAS domain-containing serine/threonine-protein kinase	Pask	mmu:269924
1092	0.0888	0.1538	0.2945	0.1130	1	P97377	Cyclin-dependent kinase 2	Cdk2	mmu:12566
1093	0.4682	0.4027	0.0398	0.1193	1	P70336	Rho-associated protein kinase 2;Rho-associated protein kinase	Rock2	mmu:19878
1094	0.4874	0.4772	0.4335	0.1597	1	Q91V58	Calcium/calmodulin-dependent protein kinase type 1;Calcium/calmodulin-dependent protein kin	Camk1;Car	mmu:52163
1095	0.1337	0.2066	0.3216	0.1510	1	Q9J110	Serine/threonine-protein kinase 3;Serine/threonine-protein kinase 3 36kDa subunit;Serine/threor	Slk3	mmu:56274
1096	1.1337	0.0933	0.7439	0.1579	1	Q6Q209	Serine/threonine-protein kinase TAO2	Tao2	mmu:381921
1097	0.0634	0.3579	0.7366	0.1671	1	Q63932	Dual specificity mitogen-activated protein kinase kinase 2	Map2k2	mmu:26396
1098	0.4364	0.0813	0.5886	0.1759	1	Q9EQC5	N-terminal kinase-like protein	Scy1	mmu:78891
1099	0.2559	0.2530	0.2898	0.1771	1	P47809	Dual specificity mitogen-activated protein kinase kinase 4	Map2k4	mmu:26398
1100	0.6633	0.0391	0.2865	0.1792	1	Q9J078	Lymphokine-activated killer T-cell-originated protein kinase	Pbk	mmu:52033
1101	0.0842	0.0786	0.3567	0.1884	1	Q99KY4	Cyclin-G-associated kinase	Gck	mmu:231580
1102	0.2427	0.8467	0.1900	0.1900	1	Q71750	Serine/threonine-protein kinase MRCK beta	Cdc42bpb	mmu:217866
1103	0.3227	0.2778	0.4576	0.1892	1	Q54781	SRSF protein kinase 2;SRSF protein kinase 2 N-terminal;SRSF protein kinase 2 C-terminal	Srpk2	mmu:20817
1104	0.3227	0.2778	0.4576	0.1892	1	P68181	cAMP-dependent protein kinase catalytic subunit beta	Prkab1	mmu:18749
1105	0.0443	0.3770	0.2188	0.2188	1	Q63844	Mitogen-activated protein kinase 3;Mitogen-activated protein kinase	Mapk3	mmu:26417
1106	0.3895	0.3868	0.0677	0.2281	1	Q9J111	Serine/threonine-protein kinase 4;Serine/threonine-protein kinase 4 37kDa subunit;Serine/threor	Slk4	mmu:58231
1107	1.4151	0.1552	1.0224	0.2416	1	Q61083	Mitogen-activated protein kinase kinase kinase 2	Map3k2	
1108	0.1618	0.5961	0.1058	0.2456	1	P49615	Cyclin-dependent-like kinase 5	Cdk5	mmu:12568
1109	0.2059	0.1162	0						

1124	0.1793	0.1847	0.5102
1125	1.2407	-0.1391	-0.2554
1126	1.3991	0.0787	0.8381
1127	0.8513	0.4672	-0.1325
1128	0.5419	-0.5997	-0.1159
1129	0.4864	-0.4149	-0.2645
1130	1.7124	0.4323	-0.5498
1131	0.6352	-0.2626	-0.5123
1132	-0.0331	-0.7744	1.6606
1133	-0.8571	0.3169	0.3192
1134	-1.9727	-0.3219	-0.0641
1135	-0.9586	-0.9827	0.2858
1136	-0.2978	-0.2400	1.1053
1137	-3.5308	0.1204	-1.6626
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1139	-0.4288	0.4524	-1.4943
1140	-1.3880	-0.1835	-0.6996
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1142	-0.1159	-1.2589	-2.3423
1143	-0.1102	-0.0416	-1.2504
1144	0.2745	-0.0171	-0.3516
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1147	-4.7309	0.7459	-0.5698
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1150	-2.7415	0.2130	-0.1754
1151	1.0783	-0.0000	-0.3726
1152	1.1665	-0.2817	-0.5258
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1154	-0.0746	-0.0000	0.4151
1155	-0.3904	-0.0000	-1.4620
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1157	-2.1656	-0.1988	-0.3852
1158	0.2147	-0.3515	-0.7737
1159	-0.4075	0.6925	-0.5261
1160	-3.8251	-0.6526	-0.5126
1161	1.2923	-0.8461	-1.2705
1162	0.4453	-0.3790	-1.9878
1163	0.2596	0.9524	-0.4317
1164	-2.5682	0.2991	-1.5825
1165	-0.8992	0.2178	-2.6880
1166	-1.7319	-0.6295	-0.3186
1167	0.7619	-0.5831	-0.7734
1168	-0.9852	-0.1046	-0.0019
1169	-1.7251	-0.3907	-0.2821
1170	-0.8705	-0.0000	-0.8778
1171	-0.0670	-0.1818	-1.1524
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1173	-0.0416	-0.3885	-1.5355
1174	-1.0341	0.1647	0.5330
1175	-0.2653	-1.0081	0.1016
1176	-0.2428	0.7782	-1.3991
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1191	-0.1485	-0.4469	-1.3045
1192	-1.2317	-0.2815	-1.2267
1193	0.6510	-1.6001	-0.0000
1194	-0.0755	0.2923	0.3314
1195	0.4984	-0.0000	-1.4261
1196	-0.3209	0.1000	-1.2835
1197	-1.0403	0.2044	-0.8156
1198	-0.5116	-0.7041	0.3797
1199	-1.7091	-0.9281	-0.8878
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1202	1.4882	-1.6930	-0.8835
1203	-0.0829	-1.0521	-0.0670
1204	-0.1971	-0.5035	-0.1327
1205	-0.0887	-0.5866	-1.1468
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1207	-0.7355	0.2735	-0.5218
1208	-0.7210	-0.9685	-0.3087
1209	-0.6086	-0.0707	-0.7473
1210	-0.2745	0.6502	-0.7512
1211	-0.6928	-0.2821	-1.8267
1212	-0.1424	-0.1155	-0.3387
1213	0.4689	0.1605	-0.1235
1214	-0.9935	0.3613	-1.0550
1215	-0.4694	0.2642	0.2653
1216	-0.6058	-0.2283	-0.1071
1217	-0.8589	0.1817	-0.7587
1218	-1.6682	0.9787	0.1834
1219	-0.1406	-0.0000	-0.3308
1220	-0.4314	-1.0728	-0.3458
1221	-0.1261	-0.1353	-0.6602
1222	-0.3886	0.6587	0.3612
1223	-0.7794	-0.4020	0.1456
1224	-1.6571	0.1458	-0.9606
1225	-0.3124	0.3553	-1.2744
1226	-0.8963	-0.0000	-0.1798
1227	-0.0915	-1.2091	-0.4838
1228	-0.3046	-1.4581	-0.1079
1229	-0.6128	-0.2326	-0.6119
1230	-1.3789	-0.2326	-2.3858
1231	-0.1548	-0.1568	-0.2747
1232	-0.4217	-0.7623	-1.0790
1233	-1.1101	0.4744	-0.6098
1234	-0.6310	0.2419	-0.9836
1235	-3.2865	-0.8780	1.0475
1236	1.2554	-0.6675	1.1380
1237	-0.7968	-0.0000	-0.3005
1238	0.2504	-0.4448	-1.1993
1239	0.5538	-0.5270	-1.9410
1240	0.1377	-1.1785	-0.5842
1241	-0.1731	-0.4569	-0.4448
1242	-0.2655	0.9413	-0.6201
1243	-0.0618	0.2487	-0.2890
1244	-0.0915	1.0519	-1.3674
1245	-0.4179	0.5740	0.2279
1246	-0.6577	0.1595	-0.0983
1247	-0.2748	0.2177	-0.8287
1248	-1.4653	-1.1027	-1.2993
1249	-0.4650	0.2544	-0.5486

0	Q8K1Y2	Protein kinase C;Serine/threonine-protein kinase;Serine/threonine-protein kinase D3
0	E9Q3L2	
0	Q922Q2	Serine/threonine-protein kinase RIO1
0	Q086F8	Mitogen-activated protein kinase kinase kinase 4
0	Q6P0N3	Myosin light chain kinase, smooth muscle;Myosin light chain kinase, smooth muscle, deglutamylat
0	P07015	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma
0	P16056	Receptor protein tyrosine kinase;Hepatocyte growth factor receptor
0	Q8H0V3	Uncharacterized aarf domain-containing protein kinase 5
0	P54071	Isocitrate dehydrogenase [NADP], mitochondrial
0	P62774	40S ribosomal protein S29
0	Q9E0J5	
0	Q9CZ88	Elongation factor Ts, mitochondrial
0	P8VPZ5	
0	Q9JH59	Spliceosome-associated protein CWC15 homolog
0	Q9Z5J1	ATPase family AAA domain-containing protein 3
0	Q8K2F8	Protein LSM14 homolog A
0	P24527	Leukotriene A-4 hydrolase
0	P18760	Cofilin-1
0	P48428	Tubulin-specific chaperone A
0	P18242	Cathepsin D
0	Q8BG81	Polymerase delta-interacting protein 3
0	Q9R053	Sodium channel protein type 11 subunit alpha;Sodium channel protein;Sodium channel protein ty
0	Q8BW71	3-ketoacyl-CoA thiolase, mitochondrial
0	P6Z855	40S ribosomal protein S26
0	Q9CQU0	Thioredoxin domain-containing protein 12
0	P24452	Macrophage-capping protein
0	E6PU45	Kinesin-like protein
0	P61255	60S ribosomal protein L26
0	P6Z821	40S ribosomal protein S11
0	P43274	Histone H1.4
0	Q810A3	Tetrapeptide repeat protein 9C
0	Q9QX47	Protein SON
0	Q8R1Q6	Transmembrane protein 176B
0	P54227	Stathmin
0	P84244	Histone H3;Histone H3.3;Histone H3.2;Histone H3.1;Histone H3.3C
0	Q9CJ65	S-methyl-5-thiodenosine phosphorylase
0	Q08663	Methionine aminopeptidase 2
0	Q9N995	39S ribosomal protein L3, mitochondrial
0	Q9CYA0	Cysteine-rich with EGF-like domain protein 2
0	Q9IX20	Set1/Ash2 histone methyltransferase complex subunit ASH2
0	Q8B796	Ribonuclease P protein subunit p30
0	Q8CAQ8	MiCOs complex subunit Mic60
0	Q8R0W0	Epiplakin
0	Q9Z1N6	Probable ATP-dependent RNA helicase DDX27
0	Q6P921	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member
0	Q8B8W1	RNA [uracil-5-]-methyltransferase homolog A
0	P6Z843	40S ribosomal protein S15
0	Q9C0G8	NADH dehydrogenase [ubiquinone] complex 1, assembly factor 7
0	Q9Z280	Phospholipase D1
0	P34884	Macrophage migration inhibitory factor
0	P6Z301	40S ribosomal protein S13
0	Q9WVM1	Rac GTPase-activating protein 1
0	Q35451	Cyclic AMP-dependent transcription factor ATF-6 beta;Processed cyclic AMP-dependent transcript
0	P35235	Tyrosine-protein phosphatase non-receptor type 11
0	Q6N546	Protein RRP5 homolog
0	Q9P678	Zinc finger CCH domain-containing protein 18
0	Q8B8P0	Aspartate tRNA ligase, mitochondrial
0	Q9DCT5	Stromal cell-derived factor 2
0	Q8BMC4	Nuclear protein 9
0	Q6PGC1	ATP-dependent RNA helicase Dhx29
0	Q9N9K0	Aconitate hydratase, mitochondrial
0	Q61334	B-cell receptor-associated protein 29
0	Q9Z2I8	Succinyl-CoA ligase [GDP-forming] subunit beta, mitochondrial
0	P32921	Tryptophan-tRNA ligase, cytoplasmic;T1-TrpRS;T2-TrpRS
0	Q8R1G6	PDZ and LIM domain protein 2
0	Q9LW93	Thioredoxin domain-containing protein 5
0	P16154	Signal recognition particle 14 kDa protein;Signal recognition particle 14 kDa protein, N-term
0	Q9Z1Y2	U3 small nuclear ribonucleoprotein protein IMP3
0	Q3U308	Cytosolic tRNA 2-thiolation protein 2
0	P83093	Stromal interaction molecule 2
0	P25444	40S ribosomal protein S2
0	Q6X9J0	
0	P97478	5-demethoxyubiquinone hydroxylase, mitochondrial
0	Q9D4H2	GRIP and coiled-coil domain-containing protein 1
0	P6Z500	TSC2D1 domain family protein 1
0	Q9C3H8	Exosome complex exonuclease RRP44
0	Q3UMC0	Spermatogenesis-associated protein 5
0	P61087	Ubiquitin-conjugating enzyme E2 K
0	Q09111	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial
0	Q9JXK1	Syntaxin-6
0	Q9Z1M8	Protein Red
0	P63276	40S ribosomal protein S17
0	P97807	Fumarate hydratase, mitochondrial
0	P60867	40S ribosomal protein S20
0	B2KRW56	Histone acetyltransferase p300
0	Q9ER73	Elongator complex protein 4
0	Q9N0X4	Acyl-coenzyme A thioesterase 9, mitochondrial;Acyl-coenzyme A thioesterase 10, mitochondrial
0	Q8M070	Polycarbonyl protein Sux12
0	Q9Z2L6	Multiple inositol polyphosphate phosphatase 1
0	Q80ZM5	
0	Q8BH04	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial
0	Q9D8L7	Bifunctional coenzyme A synthase;Phosphopantetheine adenyllyltransferase;Dephospho-CoA kin
0	P42125	Enoyl-CoA delta isomerase 1, mitochondrial
0	Q8B532	Zinc finger RNA-binding protein
0	Q9Z5H1	Zinc finger transcription factor Trps1
0	P6Z858	40S ribosomal protein S28
0	Q9B288	Cell growth-regulating nuclear protein
0	Q8K2B3	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial
0	Q8CGF7	Transcription elongation regulator 1
0	P19324	Serpin H1
0	Q9D5C9	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
0	P50543	Protein S100-A11
0	P6Z082	40S ribosomal protein S7
0	Q9D0T1	NHP2-like protein 1;NHP2-like protein 1, N-terminally processed
0	Q8R1Q8	Cytoplasmic dynein 1 light intermediate chain 1
0	Q3U0E2	Tubulin-tyrosine ligase-like protein 12
0	Q8R1C0	Syntaxin-5
0	Q9Q0X4	Calcium-binding mitochondrial carrier protein Aralar2
0	Q8C0C8	SLAIN motif-containing protein 2
0	Q8VDF2	E3 ubiquitin-protein ligase UHRF1
0	Q60848	Lymphocyte-specific helicase
0	Q9CPV7	Palmitoyltransferase ZDHHC5
0	P39689	Cyclin-dependent kinase inhibitor 1
0	P6Z754	40S ribosomal protein S6
0	P59235	Nucleoporin Nup43
0	P33174	Arf-GAP with coiled coil, ANK repeat and PH domain-containing protein 2
0	Q6G2K5	
0	Q8C0H9	Amidophosphoribosyltransferase
0	Q9DAR7	m7GpppX diphosphatase
0	Q8R3G1	Nuclear inhibitor of protein phosphatase 1
0	Q4FZC9	Nesprin-3
0	Q3THW5	Histone H2A.V;Histone H2A.Z;Histone H2A
0	Q9Z1J2	GTP-binding protein Rheb
0	Q8K2T8	RNA polymerase II-associated factor 1 homolog
0	G3XA30	
0	P50518	V-type protein ATPase subunit E 1

Prkd3	mmu:75292
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Map3K4	mmu:26407
Myk	
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Wars	mmu:22375
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1283	-0.4989	-0.0964	0.1168	-0.5053
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1306	-0.2159	-0.0000	-0.1333	-0.4552
1307	-0.5687	-0.1444	1.3704	-0.4536
1308	-0.3338	-2.0162	0.3492	-0.4492
1309	-0.0723	-0.2873	0.4658	-0.4490
1310	-0.0000	-0.5806	0.3196	-0.4450
1311	-0.6082	-0.0639	0.0838	-0.4435
1312	-0.4808	0.6361	-0.1547	-0.4415
1313	0.2703	-0.5831	-0.4532	-0.4391
1314	0.6740	-0.0747	-0.4305	-0.4390
1315	-0.0798	-0.6765	-1.1964	-0.4385
1316	-0.9510	-0.3038	0.0000	-0.4350
1317	-0.3940	-1.0366	-0.0982	-0.4246
1318	-0.4516	-0.4811	-0.7211	-0.4243
1319	0.4916	-2.5070	-0.8426	-0.4242
1320	-0.0000	-0.4603	0.1796	-0.4226
1321	-0.3092	-0.0000	0.9499	-0.4212
1322	-0.5890	-0.3745	0.5101	-0.4198
1323	-0.5854	-0.0000	-0.3676	-0.4196
1324	-1.0686	-0.3923	-2.0017	-0.4195
1325	-0.9281	-0.5565	-0.4782	-0.4117
1326	-1.9476	-1.4038	-0.3018	-0.4115
1327	-2.0239	-1.0505	-1.8163	-0.4113
1328	-0.2529	-0.2559	-1.0810	-0.4089
1329	-0.4812	-0.2678	-0.9118	-0.4085
1330	-0.1635	-0.6938	-0.2158	-0.4036
1331	-0.0916	-0.0000	-0.1474	-0.4025
1332	-1.2627	-0.0813	-0.2413	-0.4019
1333	-0.1023	-0.2916	0.3498	-0.4006
1334	-0.1530	-0.8422	-0.5227	-0.4003
1335	-0.4489	-0.6201	-0.2782	-0.3975
1336	-0.5292	-0.2248	-0.5107	-0.3947
1337	-2.1743	-0.5106	-0.4645	-0.3923
1338	-0.0412	-0.1107	-0.6535	-0.3920
1339	-0.1971	-1.2542	-1.0596	-0.3899
1340	-0.0586	-0.2945	-0.4686	-0.3897
1341	-0.5177	-0.4648	0.4872	-0.3891
1342	-0.1484	-0.0000	-0.3969	-0.3885
1343	-0.1607	-0.6042	-0.0828	-0.3884
1344	-0.0876	-0.1447	0.0000	-0.3869
1345	-0.0719	-1.5499	-0.2968	-0.3867
1346	-0.1549	-0.3941	-0.5618	-0.3861
1347	-2.7877	-1.3720	0.0000	-0.3857
1348	-0.5938	-0.6574	-0.1683	-0.3828
1349	-0.2237	-0.7284	-1.0887	-0.3821
1350	-0.4260	-0.2475	-0.1293	-0.3811
1351	-0.7495	-0.1029	0.1677	-0.3809
1352	-0.9132	-0.7872	0.1006	-0.3805
1353	-0.7608	-0.6813	0.5185	-0.3799
1354	-0.1985	-0.0914	-0.9125	-0.3781
1355	-0.6796	-0.1704	-1.0586	-0.3770
1356	-1.0748	-0.1188	-0.0917	-0.3767
1357	-0.8927	-0.5484	-0.2219	-0.3766
1358	-0.3446	-0.1166	-0.6831	-0.3757
1359	-0.0927	-0.1195	-0.6485	-0.3757
1360	-0.9326	-1.1448	-0.5650	-0.3756
1361	-0.5536	-0.3804	-1.0063	-0.3745
1362	-0.4719	-0.6056	0.0698	-0.3741
1363	-2.1722	-1.0206	-0.2610	-0.3739
1364	-0.6824	-0.6208	-0.2664	-0.3733
1365	-0.0000	-0.0738	-0.3098	-0.3720
1366	-0.1240	-0.0949	-0.4144	-0.3697
1367	-0.1006	-0.2342	-0.0609	-0.3676
1368	-0.8529	-0.3855	-0.1241	-0.3662
1369	-0.7127	-0.1472	-0.2320	-0.3641
1370	-0.4402	-0.0640	-1.3791	-0.3639
1371	-0.7302	-0.0718	0.1858	-0.3635
1372	-0.1017	-0.8074	0.5673	-0.3629
1373	-0.0737	-0.9352	1.9190	-0.3611
1374	-1.0886	-0.9404	0.4776	-0.3606
1375	-0.6494	0.4653	-1.6994	-0.3598

0	Q906K8	FUN14 domain-containing protein 2
0	E9Q1P8	Interferon regulatory factor 2-binding protein 2
0	Q886C4	Zinc-binding alcohol dehydrogenase domain-containing protein 2
0	Q70493	Sorting nexin-12
0	Q9CQ10	Charged multivesicular body protein 3
0	Q8VDS8	Syntaxin-18
0	Q9C213	Cytochrome b-c1 complex subunit 1, mitochondrial
0	Q505F5	Leucine-rich repeat-containing protein 47
0	Q5SUF2	Luc7-like protein 3
0	P10107	Annexin A1
0	Q099L6	GrpE protein homolog 1, mitochondrial
0	Q3TKT4	Transcription activator BRG1
0	Q8K2C8	Glycerol-3-phosphate acyltransferase 4
0	Q9CR68	Cytochrome b-c1 complex subunit Rieske, mitochondrial;Cytochrome b-c1 complex subunit 11
0	P23506	Protein-L-isaspartate O-methyltransferase;Protein-L-isaspartate[D-aspartate] O-methyltransferase
0	Q99009	Methylome protein 50
0	P62300	60S ribosomal protein L31
0	Q6ZV00	Nesprin-2
0	Q6PQH8	N-alpha-acetyltransferase 35, NatC auxiliary subunit
0	Q9CXT8	Mitochondrial-processing peptidase subunit beta
0	Q91ZU1	Ankyrin repeat and SOCS box protein 6
0	Q88P80	MOB kinase activator 18
0	Q9WUR2	Enoyl-CoA delta isomerase 2, mitochondrial
0	Q9EP97	Sentrin-specific protease 3
0	Q9D1Q6	Endoplasmic reticulum resident protein 44
0	Q715C1	Protein PRRCA2
0	Q18562	Receptor-type tyrosine-protein phosphatase;Receptor-type tyrosine-protein phosphatase alpha
0	Q60770	Syntaxin-binding protein 3
0	Q88U16	Isoleucine-tRNA ligase, mitochondrial
0	P97384	Annexin A11;Annexin
0	Q909Z5	DET1- and DDB1-associated protein 1
0	Q90DE1	Heterogeneous nuclear ribonucleoprotein M
0	Q9CPR4	60S ribosomal protein L17
0	Q9DCL9	Multifunctional protein ADE2;Phosphoribosylaminoimidazole-succinocarboxamide synthase;Phos
0	A28H40	AT-rich interactive domain-containing protein 1A
0	Q9W7X6	Cullin-1
0	Q9CYS2	tRNA(His) guanylyltransferase;Probable tRNA(His) guanylyltransferase
0	Q62136	Protein-tyrosine-phosphatase;Tyrosine-protein phosphatase non-receptor type 21
0	P11438	Lysozyme-associated membrane glycoprotein 1
0	Q60649	Caseinolytic peptidase 8 protein homolog
0	Q99LC5	Electron transfer flavoprotein subunit alpha, mitochondrial
0	Q6XUQ8	
0	P43275	Histone H1.1
0	P46467	Vacuolar protein sorting-associated protein 48
0	Q9QY13	DnaJ homolog subfamily C member 7
0	Q9Z2H1	Protein arginine N-methyltransferase 3
0	Q99LC2	Cleavage stimulation factor subunit 1
0	Q35129	Prohibitin-2
0	Q8R2U0	Nucleoporin SEH1
0	P62264	40S ribosomal protein S14
0	Q9CR16	Peptidyl-prolyl cis-trans isomerase D
0	P97493	Thioredoxin, mitochondrial
0	Q91ZU6	Dystonin
0	Q80VD1	Protein FAM98B
0	Q8K224	N-acetyltransferase 10
0	Q9Z2U1	U6/U6 small nuclear ribonucleoprotein Prp3
0	Q9R0P4	Cell cycle and apoptosis regulator protein 2
0	P97351	40S ribosomal protein S3a
0	Q35516	Neurogenic locus notch homolog protein 2;Notch 2 extracellular truncation;Notch 2 intracellular d
0	P61514	60S ribosomal protein L37a
0	P30416	Peptidyl-prolyl cis-trans isomerase FKBP4;Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally
0	P62702	40S ribosomal protein S4, X isoform
0	Q9WV44	Transgelin-2
0	Q88K72	28S ribosomal protein S27, mitochondrial
0	P63323	40S ribosomal protein S12
0	Q9E8G0	LM domain and actin-binding protein 1
0	Q8B024	Eukaryotic translation initiation factor 1;Eukaryotic translation initiation factor 1b
0	Q620B6	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 2
0	P13020	Gelsolin
0	Q9CZH3	Proteasome assembly chaperone 3
0	P23591	GDP-L-fucose synthase
0	Q8CEC0	Nuclear pore complex protein Nup88
0	Q9CQA6	Coiled-coil-helix-coiled-coil-helix domain-containing protein 1
0	Q61029	Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma;Lamina-associated polypep
0	Q9D805	Proline-, glutamic acid- and leucine-rich protein 1
0	P54822	Adenylsuccinate lyase
0	Q9E867	15 kDa selenoprotein
0	Q980Q3	Transmembrane emp24 domain-containing protein 2
0	Q35387	HCLS1-associated protein X-1
0	Q9DCW4	Electron transfer flavoprotein subunit beta
0	Q3UH81	5-nucleotidase domain-containing protein 3
0	Q60974	Nuclear receptor corepressor 1
0	P35283	Ras-related protein Rab-12
0	Q60854	Serpin B6
0	P61759	Prefoldin subunit 3
0	Q9CWH9	Cyclin-T1
0	Q88A47	DNA replication factor Cdt1
0	Q8R3P6	von Willebrand factor A domain-containing protein 9
0	A24772	Deoxycytidine kinase
0	Q91ZW3	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member
0	Q9QXK2	E3 ubiquitin-protein ligase RAD18
0	Q9CQ49	Nuclear cap-binding protein subunit 2
0	P97494	Glutamate--cysteine ligase catalytic subunit
0	P97789	5-3 exoribonuclease 1
0	Q9CQ48	NuDC domain-containing protein 2
0	P70303	CTP synthase 2
0	Q9IKX6	ADP-sugar pyrophosphatase
0	P93749	Flap endonuclease 1
0	Q9CQW1	Synaptobrevin homolog YKT6
0	Q91Z15	UTP--glucose-1-phosphate uridylyltransferase
0	P62827	GTP-binding nuclear protein Ran
0	Q8R574	Phosphoribosyl pyrophosphate synthase-associated protein 2
0	Q8VE18	Protein SMG8
0	Q9U182	MAGUK p55 subfamily member 5
0	Q80915	AH receptor-interacting protein
0	Q9D9R2	Threonine-tRNA ligase, cytoplasmic
0	P95096	Rab GDP dissociation inhibitor alpha
0	Q8K114	Integrator complex subunit 9
0	F2Z4A3	
0	Q88U54	SUN domain-containing protein 2
0	Q9CR70	EKC/KEOPS complex subunit Lage3
0	Q6ZPF4	Formin-like protein 3
0	Q3THG9	Alanyl-tRNA editing protein Aarsd1
0	P97429	Annexin A4;Annexin
0	A24772	
0	Q917N4	Putative RNA-binding protein Luc7-like 2
0	Q6ZWN5	40S ribosomal protein S9
0	Q99LM2	CDK5 regulatory subunit-associated protein 3
0	P62242	40S ribosomal protein S8
0	Q9D080	Serine/arginine-rich splicing factor 9
0	Q90BG7	Signal recognition particle receptor subunit alpha
0	P35700	Peroxiorexin-1
0	P62627	Dynein light chain roadblock-type 1
0	Q9CS74	Protein SG1 homolog
0	P17742	Peptidyl-prolyl cis-trans isomerase A;Peptidyl-prolyl cis-trans isomerase A, N-terminally processed
0	AGH6A9	Rab GTPase-activating protein 1-like

Fundc2	mmu:67391
Irf2bp2	mmu:270110
Zad2h	mmu:225791
Snx12	mmu:55988
Chmp3	mmu:66700
Sx18	mmu:71116
Uqcrc1	mmu:22273
Lcr07	mmu:72946
Luc7i3	mmu:67684
Anxa1	mmu:16952
Grpel1	mmu:17713
Smarca4	mmu:20586
Agpat6	mmu:102247
Uqcrcf1	mmu:666

1376	-0.5021	0.2531	0.2236	-0.3559
1377	-0.1352	0.9856	0.4611	-0.3557
1378	-0.0088	-0.3588	0.3079	-0.3544
1379	-0.2168	-0.0000	-0.3111	-0.3527
1380	-0.5073	0.0274	-1.9958	-0.3514
1381	-0.0698	-0.6990	0.7942	-0.3500
1382	-0.0924	-1.2538	-0.3869	-0.3495
1383	-0.5487	-0.5981	-0.1669	-0.3477
1384	-0.0516	-0.7771	-0.8032	-0.3451
1385	-0.0527	-0.6204	0.5447	-0.3428
1386	-0.0000	0.1069	-0.0000	-0.3426
1387	-1.4183	1.0409	-0.5772	-0.3408
1388	-0.4213	0.2487	-0.0859	-0.3408
1389	-0.2456	0.7108	-0.4838	-0.3407
1390	-0.7248	-0.8880	0.8882	-0.3403
1391	-0.0985	-0.3091	-0.2627	-0.3402
1392	-0.5559	-0.2689	-0.3370	-0.3399
1393	-0.9487	0.1652	-0.3744	-0.3395
1394	-1.1732	0.0734	-0.2829	-0.3387
1395	-1.7536	-0.2079	0.4911	-0.3374
1396	-0.0616	-0.2860	-0.4478	-0.3364
1397	-3.4912	0.0031	-0.6054	-0.3359
1398	-0.1936	0.1589	-1.0382	-0.3355
1399	-0.6639	0.1161	-0.4955	-0.3341
1400	-1.7242	1.3719	0.5742	-0.3312
1401	-0.0000	-0.4383	0.4652	-0.3278
1402	-0.4735	-0.2434	-0.5974	-0.3271
1403	-0.5370	-0.6565	-0.2649	-0.3274
1404	-0.0000	0.1776	0.5323	-0.3271
1405	-1.4207	0.0856	0.6434	-0.3259
1406	-0.2458	-0.0000	0.3525	-0.3240
1407	-0.0000	-0.2662	-0.1529	-0.3225
1408	-0.3285	-0.7881	-0.5820	-0.3219
1409	-0.4956	-1.6722	-0.0608	-0.3219
1410	-0.0134	-0.1264	-0.0888	-0.3210
1411	-0.0000	-0.1584	1.1138	-0.3202
1412	-1.0943	-0.0000	-0.4128	-0.3173
1413	-0.0853	-0.3354	-0.2631	-0.3167
1414	-0.1296	0.7535	-3.0086	-0.3162
1415	-0.6158	-0.1784	0.4189	-0.3154
1416	-0.3780	0.5995	-0.0998	-0.3131
1417	-0.0000	-0.0000	-1.0759	-0.3129
1418	-0.2386	-0.0000	-1.7498	-0.3122
1419	-0.6735	-1.2690	1.1898	-0.3120
1420	-0.0690	-0.2753	-0.4188	-0.3093
1421	-0.4029	-0.0000	-0.8281	-0.3089
1422	-0.0868	-0.1609	-0.2036	-0.3077
1423	-0.5375	-0.1459	-1.7786	-0.3056
1424	-0.1949	-0.5466	-0.1380	-0.3055
1425	-0.2176	0.2121	-0.2464	-0.3051
1426	-0.2699	0.5639	-0.3251	-0.3051
1427	-0.1941	-0.1817	-0.1942	-0.3040
1428	-0.3845	0.1533	0.5136	-0.3038
1429	-0.3195	-0.5839	0.2168	-0.3023
1430	-0.3761	-0.0000	-1.0024	-0.3000
1431	-0.2899	-0.5486	-1.8808	-0.2999
1432	-0.2137	-0.0000	-0.1328	-0.2978
1433	-0.2723	-0.6832	-1.4402	-0.2977
1434	-0.0965	-0.3591	-0.3198	-0.2967
1435	-0.2040	0.5365	-1.0839	-0.2941
1436	-0.0431	-0.3840	-0.2846	-0.2927
1437	-0.4650	-0.4293	-0.0606	-0.2921
1438	-0.2662	0.2638	0.5907	-0.2917
1439	-0.1904	-0.7708	0.8574	-0.2916
1440	-1.2085	-0.0977	0.1896	-0.2908
1441	-0.3213	-0.1336	-0.0000	-0.2869
1442	-0.6691	-0.0000	-0.0000	-0.2862
1443	-0.5944	-0.1781	-0.0516	-0.2854
1444	-0.1742	-0.4038	0.0777	-0.2829
1445	-1.6125	0.4219	-0.0000	-0.2825
1446	-0.2671	0.4454	-0.0000	-0.2823
1447	-0.0000	0.6041	0.4443	-0.2821
1448	-0.1389	-0.7852	0.3356	-0.2806
1449	-0.4488	-0.3054	-0.9325	-0.2793
1450	-0.1999	0.2114	-0.7537	-0.2792
1451	-0.4652	-1.1853	-0.0800	-0.2788
1452	-0.7604	-0.0668	-0.5585	-0.2788
1453	-0.0434	-0.1247	-0.1531	-0.2786
1454	-0.2457	0.5447	-1.0415	-0.2784
1455	-0.0849	-0.4192	-0.2753	-0.2779
1456	-0.2143	0.9460	-0.1444	-0.2774
1457	-0.1838	0.3546	-0.4017	-0.2773
1458	-1.3182	-0.9528	-1.8262	-0.2766
1459	-0.0000	0.0770	-0.7626	-0.2765
1460	-1.2144	-0.6907	-1.2485	-0.2745
1461	-0.6824	-2.5424	-0.2733	-0.2733
1462	-0.4529	-0.2067	-0.0000	-0.2733
1463	-0.6752	0.1327	-0.0864	-0.2717
1464	-2.4733	0.4752	-0.1498	-0.2717
1465	-0.1637	0.0990	-0.2128	-0.2707
1466	-0.2349	-0.3003	-0.1697	-0.2705
1467	-0.8215	-0.3439	0.3261	-0.2697
1468	-0.7985	-0.0588	-1.7134	-0.2680
1469	-0.4576	0.7732	-0.3578	-0.2678
1470	-0.4007	0.3151	-0.1907	-0.2673
1471	-0.0866	-0.0000	-0.4286	-0.2671
1472	-0.8906	1.5573	-0.5187	-0.2669
1473	-0.3271	-0.3848	-0.0506	-0.2658
1474	-0.5200	-0.3615	-0.5666	-0.2663
1475	-0.2815	-1.1680	-0.3970	-0.2639
1476	-0.1667	0.6257	-2.4018	-0.2636
1477	-0.1727	-0.2427	-0.0000	-0.2629
1478	-1.0814	0.5649	0.5233	-0.2612
1479	-0.0931	0.2965	-0.0791	-0.2607
1480	-0.3000	-0.2965	-0.2187	-0.2597
1481	-0.6315	-0.0000	-0.3584	-0.2594
1482	-0.1597	1.9420	-0.6493	-0.2578
1483	-0.5290	0.1917	-0.2059	-0.2559
1484	-0.5130	-0.2965	-0.2240	-0.2553
1485	-0.0631	-0.1124	-0.5703	-0.2553
1486	-0.8195	0.1148	0.1066	-0.2548
1487	-0.2913	0.4295	-0.6913	-0.2547
1488	-0.1271	-0.0000	-0.8186	-0.2544
1489	-0.4873	-0.3337	-0.9611	-0.2543
1490	-0.2434	0.2164	-0.2840	-0.2536
1491	-0.6315	-0.0824	-0.9987	-0.2524
1492	-1.0030	-0.0889	-0.2520	-0.2520
1493	-0.0859	-0.6164	-0.3579	-0.2514
1494	-0.5087	-0.1453	-0.9320	-0.2508
1495	-0.4438	-0.4468	-0.0000	-0.2501
1496	-0.2532	-0.8793	-1.0236	-0.2500
1497	-0.0000	0.4684	0.5966	-0.2497
1498	-0.4311	0.5555	-0.4586	-0.2495
1499	-0.0000	-0.1967	-0.0573	-0.2495
1500	-0.5670	-0.0632	-0.3131	-0.2487
1501	-0.5559	-0.1093	-0.4322	-0.2479

0	Q9CP57	RNA-binding protein PNO1
0	O09135	High mobility group nucleosome-binding domain-containing protein 5
0	Q9DC71	28S ribosomal protein S15, mitochondrial
0	P62267	40S ribosomal protein S23
0	Q6N0X6	Regulation of nuclear pre-mRNA domain-containing protein 2
0	Q95B77	Cytochrome b-c1 complex subunit 2, mitochondrial
0	Q8BWA3	
0	Q8K297	Procollagen galactosyltransferase 1
0	Q9CZU4	GTase Era, mitochondrial
0	Q9DCC4	Pyroline-5-carboxylate reductase 3
0	P26638	Serine-tRNA ligase, cytoplasmic
0	Q8R151	NFX1-type zinc finger-containing protein 1
0	P27273	Protein disulfide-isomerase A3
0	Q9QYJ3	DnaI homolog subfamily B member 1
0	Q9DBU1	Phosphoglycerate mutase 1
0	Q3V1V3	ESF1 homolog
0	Q3U0V1	Far upstream element-binding protein 2
0	Q92116	SH3 domain-binding protein 4
0	P20934	Protein EVI2A
0	Q07076	Annexin A7
0	Q62203	Splicing factor 3A subunit 2
0	Q61301	Catenin alpha-2
0	E9PWG6	
0	P63280	SUMO-conjugating enzyme UBC9
0	Q91YF7	RNA-binding protein 5
0	Q9CWX6	Structural maintenance of chromosomes protein 3
0	P58281	Dynamin-like 120 kDa protein, mitochondrial;Dynamin-like 120 kDa protein, form S1
0	P39098	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB
0	Q8R180	ERO1-like protein alpha
0	Q70492	Sorting nexin-3
0	Q35691	Pinin
0	Q8CGY8	UOP-N-acetylglucosamine-peptide N-acetylglucosaminyltransferase 110 kDa subunit
0	Q9CY16	28S ribosomal protein S28, mitochondrial
0	Q9QYB5	Gamma-adducin
0	Q6ZUW9	40S ribosomal protein S20
0	Q9P696	N-alpha-acetyltransferase 50
0	Q61598	Rab GDP dissociation inhibitor beta
0	Q91VW5	Golgin subfamily A member 4
0	Q80YV3	Transformation/transcription domain-associated protein
0	Q92Y14	Thyroid receptor-interacting protein 6
0	Q9D4H1	Exocyst complex component 2
0	P14733	Lamin-B1
0	Q64012	RNA-binding protein Raly
0	P47941	Crk-like protein
0	Q8R361	Rab11 family-interacting protein 5
0	Q91231	Polypyrimidine tract-binding protein 2
0	Q9Q912	
0	Q8OC07	Phenylalanine-tRNA ligase alpha subunit
0	P07091	Protein S100-A4
0	Q8BP92	Reticulocalbin-2
0	P60670	Nuclear protein localization protein 4 homolog
0	Q99M31	Heat shock 70 kDa protein 14
0	Q62348	Translin
0	Q99LF4	tRNA-splicing ligase RtcB homolog
0	Q9FPF4	Cleavage and polyadenylation specificity factor subunit 1
0	Q9P4U2	Phenylalanine-tRNA ligase beta subunit
0	Q37KY6	Peptidyl-prolyl cis-trans isomerase CWC27 homolog
0	Q08715	A-kinase anchor protein 1, mitochondrial
0	Q991Y9	Actin-related protein 3
0	Q9C9C8	Leucine-rich repeat-containing protein 40
0	Q8K009	Mitochondrial 10-formyltetrahydrofolate dehydrogenase
0	Q8BH60	Golgi-associated PDZ and coiled-coil motif-containing protein
0	P14131	40S ribosomal protein S16
0	Q55S25	Tensin-3
0	P46664	Adenylosuccinate synthetase isozyme 2
0	Q08583	THO complex subunit 4;Aly/REF export factor 2
0	Q8K146	Coiled-coil and C2 domain-containing protein 1A
0	Q8RMI2	Leucine-tRNA ligase, cytoplasmic
0	Q77NE3	Sperm-associated antigen 7
0	Q8C570	mRNA export factor
0	Q99162	Replication factor C subunit 4
0	Q8R3Y8	Interferon regulatory factor 2-binding protein 1
0	Q8RWC0	RNA-binding protein NOB1
0	Q8VC05	Mediator of RNA polymerase II transcription subunit 17
0	Q3V3R1	Monofunctional C1-tetrahydrofolate synthase, mitochondrial
0	Z61624	Zinc finger protein 148
0	Q8R550	SH3 domain-containing kinase-binding protein 1
0	Q9CPV5	Polyamine-modulated factor 1
0	Q910X0	Transcription and mRNA export factor ENY2
0	Q91V15	Polyglutamine-binding protein 1
0	Q8R8K7	Protein RCC2
0	Q8JZM0	Dimethyladenosine transferase 1, mitochondrial
0	Q923K4	tRNA modification GTPase GTPBP3, mitochondrial
0	Q8CFX3	
0	Q92216	Negative elongation factor D
0	Q920L1	Fatty acid desaturase 1
0	Q10652	4F2 cell-surface antigen heavy chain
0	Q9WVK4	Eh domain-containing protein 1
0	P53810	Phosphatidylinositol transfer protein alpha isoform
0	Q91IH2	Nuclear pore complex protein Nup50
0	E9PZP8	
0	P16858	Glyceroldehyde-3-phosphate dehydrogenase
0	A2A2R0	Peptidyl-prolyl cis-trans isomerase G;Peptidyl-prolyl cis-trans isomerase
0	Q8CD10	Calcium uptake protein 2, mitochondrial
0	Q91H13	Something about silencing protein 10
0	Q8RGC7	Alanine-tRNA ligase, cytoplasmic
0	Q92157	38S ribosomal protein L37, mitochondrial
0	P70290	55 kDa erythrocyte membrane protein
0	Q64213	Splicing factor 1
0	P29758	Ornithine aminotransferase, mitochondrial
0	Q4VA53	Sister chromatid cohesion protein PD55 homolog B
0	P61222	ATP-binding cassette sub-family E member 1
0	Q35309	N-myc-interactor
0	Q8C132	BAG family molecular chaperone regulator 5
0	Q8R3V6	CUE domain-containing protein 1
0	Q9R9D0	Galactokinase
0	P70362	Ubiquitin fusion degradation protein 1 homolog
0	Q8CSH8	NAD kinase 2, mitochondrial
0	Q8C3P7	N6-adenosine-methyltransferase subunit METTL3
0	Q9ERU9	E3 SUMO-protein ligase RanBP2
0	P62849	40S ribosomal protein S24
0	Q3THK7	GMP synthase [glutamine-hydrolyzing]
0	Q9CZU3	Superkiller viralicidal activity 2-like 2
0	Q61733	28S ribosomal protein S31, mitochondrial
0	Q6P6G5	SWI/SNF complex subunit SMARCC2
0	Q62520	Wings apart-like protein homolog
0	P43277	Histone H1.3
0	P59708	Splicing factor 3B subunit 6
0	P21126	Ubiquitin-like protein 4A
0	P49312	Heterogeneous nuclear ribonucleoprotein A1;Heterogeneous nuclear ribonucleoprotein A1, N-ter Hnmpa1
0	Q8RHL5	Engulfment and cell motility protein 2
0	Q8K221	Arfaptin-2
0	Q9CY58	Plasminogen activator inhibitor 1 RNA-binding protein
0	Q5SU00	Phosphoribosylformylglycinamide synthase
0	Q9CQU5	ZW10 interactor
0	Q8C854	Myelin expression factor 2

Pno1	mmu:66249
Hmgn5	mmu:50887
Mrps15	mmu:66407
Rps23	mmu:66475
Rpsd2	mmu:75137
Uqcrc2	mmu:67003
Ubp1	mmu:77777
Colga1t	mmu:234407
Eral1	mmu:57837
Pycr1	mmu:66194
Sars	mmu:20226
Znfxf1	mmu:98999
Pdia3	mmu:14827
Dnajb1	mmu:81489
Pgam1	mmu:18648
Es1f	mmu:66580
Khsrp	mmu:16549
Sh3bp4	mmu:98402
Evi2a	mmu:14017
Anxa7	mmu:117

Q08B55	Trifunctional enzyme subunit alpha, mitochondrial;Long-chain enoyl-CoA hydratase;Long chain 3-hydroxyacyl-CoA hydratase	At6g5v1
Q08B58	Uncharacterized protein C2orf47 homolog, mitochondrial	Epm2ai
Q09D12	V-type proton ATPase subunit F	Hlp1b3
Q08VE4	EPM2A-interacting protein 1	Picam1
Q03TEA8	Heterochromatin protein 1-binding protein 3	Ppp1r1b
Q09M63	Phosphatidylinositol-binding clathrin assembly protein	Dnajb6
Q62084	Protein phosphatase 1 regulatory subunit 14B	Gna11
Q05496	DnaI homolog subfamily B member 6	Smc1d1
Q012178	Guanine nucleotide-binding protein subunit alpha-11	Arhgap5
Q061191	Host cell factor 1;HCF-N-terminal chain 1;HCF-N-terminal chain 2;HCF-N-terminal chain 3;HCF-N-terminal chain 4	Rfc2
Q09200	Pyruvate carboxylase;Pyruvate carboxylase, mitochondrial	Gm2040
Q067010	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	Eif3h
Q098078	Disabled homolog 2	Ilfid1
Q06P508	Structural maintenance of chromosomes flexible hinge domain-containing protein 1	Hsd17b1
Q07393	Rho GTPase-activating protein 5	Pex14
Q047758	Signal recognition particle receptor subunit beta	Wsl1
Q091WK2	Eukaryotic translation initiation factor 3 subunit H	Fam49h
Q019182	Interferon-related developmental regulator 1	Cpe
Q008756	3-hydroxyacyl-CoA dehydrogenase type-2	Tmem4
Q09K040	Peroxisomal membrane protein PEX14	Cw22c
Q091VD9	Neural Wiskott-Aldrich syndrome protein	Rfc2
Q081Z59	39S ribosomal protein L48, mitochondrial	Psmg1
Q0921M7	Protein FAM40B	Lmo2
Q00493	Carboxypeptidase E	Xnppep
Q08K1A5	Transmembrane protein 41B	Xrnn2
Q085CN3	Pre-mRNA-splicing factor CWC22 homolog	Dnm1t1
Q09WUK4	Replication factor C subunit 2	Thumpp2
Q09JK23	Proteasome assembly chaperone 1	Rta4
Q06P181	Xaa-Pro aminopeptidase 1	Pias4
Q09DR81	5-3 exoribonuclease 2	Larp4
Q013864	DNA (cytosine 5)-methyltransferase 1	Nubp2
Q09J35	THUMP domain-containing protein 1	Gfpt1
Q097H3	RNA 3'-terminal phosphatase	Rnf113b
Q091M05	ES SUMO-protein ligase PIAS4	Ildh3b
Q08BW44	La-related protein 4	Fyco1
Q09R061	Cytosolic Fe-S cluster assembly factor NUBP2	Nop58
Q047856	Glutamine-fructose-6-phosphate aminotransferase [isomerizing] 1	Uba2
Q014801		Lmo7
Q091VA7	Isocitrate dehydrogenase [NAD] subunit, mitochondrial	Ube2n
Q08VDC1	FYVE and coiled-coil domain-containing protein 1	Ildh3b
Q06DFV4	Nucleolar protein 58	Fyco1
Q090P96	Adenylate kinase 2, mitochondrial;Adenylate kinase 2, mitochondrial, N-terminally processed	Nop58
Q061089	Ubiquitin-conjugating enzyme E2 N	Uba2
Q06FTN2		Lmo7
Q005858	Clathrin light chain A	Ctla
Q043276	Histone H1.5	Histh11
Q017182	Alpha-enolase;Enolase	Eno1
Q088952	Protein lin-7 homolog C	Lin7c
Q09EQP2	EH domain-containing protein 4	Ehd4
Q008579	Emerin	Emd
Q09YPV6		Rasa1
Q06PD20		Ppp2r5b
Q08C151	PDZ and LIM domain protein 5	Pdim5m
Q030681	High mobility group protein B2	Hmgb2
Q03UQ28	Peroxisidin homolog	Pxdn
Q09D116	39S ribosomal protein L14, mitochondrial	Mrpl14
Q056959	RNA-binding protein FUS	Fus
Q08CEE7	Retinol dehydrogenase 13	Rdh13
Q09WV34	MAGUK p55 subfamily member 2	Mpp2
Q08BT54	Nuclear pore complex protein Nup54	Nup54
Q09DAW6	UA/U6 small nuclear ribonucleoprotein Prp4	Prpf4
Q058059	28S ribosomal protein S21, mitochondrial	S21mc
Q0920F6	Cell cycle checkpoint control protein RAD9A	Rad9a
Q055X13	Fanconi anemia group J protein homolog	Brip1
Q07Q417	Short-chain specific acyl-CoA dehydrogenase, mitochondrial	Acads
Q09WV92	Band 4.1-like protein 3;Band 4.1-like protein 3, N-terminally processed	Epbp4l1b
Q05SU09	CST complex subunit CTC1	Ctc1
Q091VR5	ATP-dependent RNA helicase DDX1	Ddx1
Q06P9P6	Kinesin-like protein KIF11	Kif11
Q06DFV1	Condensin-2 complex subunit G2	Ncapg2
Q04D142	Transketolase	Tkt
Q08Q447	Protein cargo homolog 4	Cgpn4
Q08BY14	Tyrosine-tRNA ligase, mitochondrial	Vars2
Q062317	Small nuclear ribonucleoprotein Sm D2	Snrpd2
Q03Q265	ATP synthase subunit alpha, mitochondrial;ATP synthase subunit alpha	Atpsa1
Q03TJ26	Protein FAM98A	Fam98a
Q06A026	Sister chromatid cohesion protein PD55 homolog A	Pds5a
Q035585	AP-1 complex subunit mu-1	Ap1m1
Q09ERA6	Tuftelin-interacting protein 11	Tfip11
Q090411	Phosphoglycerate kinase 1;Phosphoglycerate kinase	Pgk1
Q099K28	ADP-ribosylation factor GTPase-activating protein	Arfap2
Q049481	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	Smarce4
Q07809		Morcc3
Q03X981		Heatr1
Q014069	Protein S100-A6	S100a6
Q026369	Splicing factor U2AF 65 kDa subunit	U2af2
Q08CJ26	Death domain-containing membrane protein NRAD0	Nrad0
Q06ZP56	Ankyrin repeat and IBR domain-containing protein 1	Ankib1
Q09CR27	WASH complex subunit CDC53	Cdc53
Q09JXK7	Nuclear RNA export factor 1	Nxf1
Q099K85	Phosphoserine aminotransferase	Psat1
Q08CF79	Cleavage stimulation factor subunit 2 tau variant	Csf2t
Q08BF85	Elongation factor Tu, mitochondrial	Tufm
Q097440	Histone RNA hairpin-binding protein	Sldg
Q09WJ78	Programmed cell death 6-interacting protein	Pcdip6
Q06Q692	Proteasome subunit beta-type-6	Psmb6
Q099KV1	DnaI homolog subfamily B member 11	Dnajb11b
Q03UFR8	Mitochondrial ribonuclease P protein 1	Trmt104
Q061048	WW domain-binding protein 4	Wbp4
Q09QC58		Nop1c
Q09CXZ8	40S ribosomal protein S19	Rps19
Q08K66	Regulator complex protein LAMTOR4;Regulator complex protein LAMTOR4, N-terminally processed	Lamtor4
Q015546	Spectrin alpha chain, non-erythrocytic 1	Spcn1
Q06A133	Amine oxidase [flavin-containing] A	Maoa
Q08BQ30	Phosphenin	Ppp1r11
Q09D287	Pre-mRNA-splicing factor SPF27	Bcas2
Q056812	Programmed cell death protein 5	Pcdcd5
Q08BS09	Protein polybromo-1	Pbrm1
Q08HS59	Calcium-binding mitochondrial carrier protein Aralar1	Slc25a1a
Q08GC64	Protein LSM14 homolog 8	Lsm14b
Q01HFZ0	tRNA (cytosine(34)-C(5))-methyltransferase	Nsun2
Q02469	Laminin subunit beta-1	Lmb1
Q09E528	General transcription factor II-4	Gtf2f
Q03UJ0	Glycerol 3-phosphate dehydrogenase 1-like protein	Gpd1l
Q08BVF2	Phosducin-like protein 3	Pdc3
Q09C615	Cyclic GMP-AMP synthase	Mzb2id1
Q08XCV6	Interleukin enhancer-binding factor 2	Ilf2
Q03UM18	Large subunit GTPase 1 homolog	Lgl1
Q091V89		Ppp2r5b
Q091V09	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	Ndufs1
Q09QX51	Plectin	Plec
Q080766	Immunity-related GTPase family M protein 1	Irgm1
Q089090	Transcription factor Sp1	Sp1
Q017918	Proliferating cell nuclear antigen	Pcna
Q09WQ03	Protein FAM50A	Fam50a
Q061545	RNA-binding protein EWS	Ewsr1

[illegible]

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1628	-0.6699	-0.8497	-0.1148	-0.1702
1629	-0.4298	0.7514	-1.3194	-0.1701
1630	-0.0000	-0.7139	0.3339	-0.1701
1631	-0.1305	1.2333	0.7732	-0.1694
1632	-0.2414	0.3989	0.7799	-0.1693
1633	-0.9023	0.5739	0.4362	-0.1679
1634	-0.3807	0.4032	0.1133	-0.1679
1635	-0.5722	-0.5088	0.9354	-0.1662
1636	-0.0000	-0.9188	0.1430	-0.1658
1637	-0.2931	-0.0721	-0.2917	-0.1651
1638	-0.9989	0.4453	-0.2862	-0.1644
1639	-2.3062	0.1036	1.0238	-0.1631
1640	-0.0000	0.9656	0.4515	-0.1620
1641	-0.0900	0.6029	0.1388	-0.1617
1642	1.1972	-1.2539	0.2680	-0.1617
1643	0.2623	0.2155	0.2592	-0.1610
1644	-0.9810	-0.2092	0.4025	-0.1608
1645	-0.0828	-0.2569	1.0880	-0.1605
1646	-0.4828	0.1959	-0.1026	-0.1591
1647	0.3585	0.9534	-0.3294	-0.1588
1648	-0.0000	-1.0774	-0.3820	-0.1587
1649	-0.8158	0.8940	-0.6784	-0.1586
1650	-0.5187	-0.2107	-0.2873	-0.1586
1651	-0.0692	0.1588	-0.4074	-0.1586
1652	-0.1039	0.9486	-1.4535	-0.1584
1653	-0.0000	-0.6105	-0.6612	-0.1580
1654	0.0721	0.5512	0.8688	-0.1579
1655	-0.0000	-0.1825	-0.6145	-0.1568
1656	-0.5044	-0.3899	-0.5389	-0.1564
1657	-0.1679	-0.1701	0.3857	-0.1559
1658	-0.0000	-0.0000	-0.0929	-0.1554
1659	-0.3901	0.5041	0.2013	-0.1539
1660	-0.4483	0.3869	0.6175	-0.1520
1661	-0.0000	-0.0000	0.4062	-0.1519
1662	-0.0606	0.3534	0.4532	-0.1518
1663	-0.6795	0.4772	0.4070	-0.1518
1664	-0.2574	0.4772	-0.2389	-0.1516
1665	-0.3005	0.3827	-0.1375	-0.1511
1666	-0.0000	0.5937	-2.4988	-0.1510
1667	-0.0000	0.4018	-0.4561	-0.1505
1668	1.2456	-0.2032	-0.4052	-0.1495
1669	-0.5188	0.3129	-0.3852	-0.1494
1670	-0.0493	0.1540	-0.1586	-0.1488
1671	-0.0957	0.2170	0.5066	-0.1480
1672	-0.1536	0.2488	-0.1596	-0.1475
1673	-0.2245	-0.2336	-0.0708	-0.1474
1674	-0.3219	-1.4848	-1.4555	-0.1471
1675	-0.4277	0.2418	0.4705	-0.1469
1676	-1.4461	0.3597	0.2087	-0.1465
1677	-0.1737	0.1485	-0.2661	-0.1462
1678	-0.5113	0.1583	-0.4140	-0.1461
1679	-0.2010	-0.7592	-0.6035	-0.1460
1680	-0.2420	-0.5229	-0.1458	-0.1458
1681	-0.1785	0.0629	-0.4339	-0.1458
1682	-0.4705	-0.2691	-1.0425	-0.1446
1683	-0.0000	0.6914	-0.7613	-0.1442
1684	-0.3528	-0.9403	-0.1345	-0.1441
1685	-0.2280	-0.2405	-0.5788	-0.1421
1686	-0.0000	-0.8975	-1.2426	-0.1419
1687	-0.6856	0.2825	-0.1417	-0.1417
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1700	-0.5380	-0.0597	-1.0705	-0.1373
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1702	-0.3552	-0.2011	0.2120	-0.1352
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1710	-0.4364	-0.5966	0.1397	-0.1329
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1716	-0.0753	0.3042	-0.7079	-0.1301
1717	-0.1905	-0.2250	-0.1353	-0.1300
1718	-0.1199	-0.2396	0.6523	-0.1297
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1720	-0.3715	0.6294	0.4411	-0.1292
1721	-0.2716	0.8081	-0.8856	-0.1291
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1724	-0.0917	0.4018	-0.1283	-0.1283
1725	-0.5516	0.1658	0.4391	-0.1282
1726	-0.8821	-0.0271	-0.2822	-0.1282
1727	-0.6048	0.5580	-0.1277	-0.1277
1728	-0.0451	0.7258	-0.5408	-0.1271
1729	-0.0730	0.4390	-0.1639	-0.1270
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1731	-0.2182	-0.0000	0.0727	-0.1232
1732	-0.2009	0.4054	-0.6525	-0.1229
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1735	-0.0649	-1.0563	0.2744	-0.1210
1736	-0.5864	0.2740	-0.7332	-0.1205
1737	-0.6293	-0.0773	-0.3690	-0.1205
1738	-0.1834	-0.2834	0.3059	-0.1194
1739	-0.1822	-0.3425	0.4118	-0.1187
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1741	-0.0000	-0.3009	0.1540	-0.1177
1742	-0.0815	-0.4121	-0.0734	-0.1175
1743	-0.0000	-0.1485	-0.1785	-0.1170
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1745	-0.7192	-0.2984	-0.2290	-0.1164
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0	Q8R2K4	TAF6-like RNA polymerase II p300/CBP-associated factor-associated factor 65 kDa subunit 6L
0	A0A0I9YTR2	
0	Q9JIK4	Protein AATF
0	P25041	Moesin
0	Q6PDM2	Serine/arginine-rich splicing factor 1
0	Q9Z1X4	Interleukin enhancer-binding factor 3
0	Q9N1G2	Transportin-2
0	Q9CZW5	Mitochondrial import receptor subunit TOM70
0	Q8BGC0	HIV Tat-specific factor 1 homolog
0	Q2HXK6	alpha-1,2-Mannosidase;ER degradation-enhancing alpha-mannosidase-like protein 3
0	Q6PIP5	NudC domain-containing protein 1
0	P70388	DNA repair protein RAD50
0	Q8CHY6	Transcriptional repressor p66 alpha
0	Q8R356	Exocyst complex component 1
0	Q9QC61	Mitochondrial-processing peptidase subunit alpha
0	Q8R086	RNA-binding protein 3
0	P70441	Na(+)/H(+) exchange regulatory cofactor NHE-RF1
0	Q99NH0	Ankyrin repeat domain-containing protein 17
0	Q810D6	Glutamate-rich WD repeat-containing protein 1
0	Q9CRD0	OCA1 domain-containing protein 1
0	Q61937	Nucleophosmin
0	Q3UUV0	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial
0	Q8BRF7	Sec1 family domain-containing protein 1
0	Q8K2C7	Protein OS-9
0	G5E8K5	Ankyrin-3
0	Q9CQC3	Glia maturation factor beta
0	Q8K298	Actin-binding protein anillin
0	Q70305	Ataxin-2
0	Q8B8X8	HSPB1-associated protein 1
0	Q35887	Calumenin
0	Q9CU62	Structural maintenance of chromosomes protein 1A
0	Q8C2Q3	RNA-binding protein 14
0	Q02053	Ubiquitin-like modifier-activating enzyme 1
0	Q9Z1K5	E3 ubiquitin-protein ligase ARIH1
0	Q9C2V8	F-box/UBR-repeat protein 20
0	Q9D8V8	Nuclear valosin-containing protein-like
0	Q9DC51	Guanine nucleotide-binding protein G(k) subunit alpha
0	Q77NV0	Protein DEK
0	Q61033	Lamina-associated polypeptide 2, isoforms alpha/zeta
0	Q91VM5	RNA binding motif protein, X-linked-like-1
0	A2ADY9	Protein DD11 homolog 2
0	Q8CG86	Tensin-2
0	Q3U213	FTS and Hook-interacting protein
0	Q9ERK0	Secretory carrier-associated membrane protein 2
0	Talin-1	Talin-1
0	Q62241	U1 small nuclear ribonucleoprotein C
0	Q61656	Probable ATP-dependent RNA helicase DDX5
0	Q8C0E5	Fermitin family homolog 2
0	Q9Z1Z2	Serine-threonine kinase receptor-associated protein
0	Q9CY14	Putative RNA-binding protein Luc7-like 1
0	Q55RX1	TOM1-like protein 2
0	Q3T1L4	Protein PRR2C
0	Q6ZQ08	CCR4-NOT transcription complex subunit 1
0	Q54774	AP-3 complex subunit delta-1
0	P51381	ADP/ATP translocase 2;ADP/ATP translocase 2, N-terminally processed
0	P09M17	5-adenosylmethionine decarboxylase proenzyme 1,5-adenosylmethionine decarboxylase 1 alpha
0	P47802	Metaxin-1
0	E9QGU4	Prefoldin subunit 4
0	Q8C989	Death-inducer obliterator 1
0	Q69Z02	Pre-mRNA-splicing factor ISY1 homolog
0	Q14C51	Pentatricopeptide repeat domain-containing protein 3, mitochondrial
0	H1010	Histone H1.0;Histone H1.0, N-terminally processed
0	Q3TUV4	
0	Q08795	Glucosidase 2 subunit beta
0	Q3U3C8	
0	Q8R071	Transmembrane protein 106B
0	Q9CQC9	GTP-binding protein SAR1b
0	P30999	Catenin delta-1
0	Q501J6	Probable ATP-dependent RNA helicase DDX17
0	Q91VY9	Zinc finger protein 622
0	Q8BYY4	Tetratricopeptide repeat protein 39B
0	Q6PG16	Holliday junction recognition protein
0	Q9Z305	WW domain-binding protein 11
0	Q9D013	SAP domain-containing ribonucleoprotein
0	Q55236	mRNA-capping enzyme;Polynucleotide 5-triphosphatase;mRNA guanylyltransferase
0	Q8R6GW1	Alpha-ketoglutarate-dependent dioxygenase FTO
0	Q9CQC7	ATP synthase F(0) complex subunit B1, mitochondrial
0	P09405	Nucleolin
0	Q6KAR6	Exocyst complex component 3
0	Q9JMA1	Ubiquitin carboxyl-terminal hydrolase 14;Ubiquitin carboxyl-terminal hydrolase
0	Q9Z1J4	Ubiquitin-conjugating enzyme E2 5
0	Q9QY59	Protein quaking
0	Q8VHK9	ATP-dependent RNA helicase DHX36
0	Q99K51	Plastin-3
0	Q914D5	Vacuolar protein-sorting-associated protein 36
0	Q9D0J8	28S ribosomal protein S33, mitochondrial
0	P07141	Macrophage colony-stimulating factor 1;Processed macrophage colony-stimulating factor 1
0	Q6A068	Cell division cycle 5-like protein
0	Q9D5V5	Cullin-5
0	Q6A028	Switch-associated protein 70
0	Q8R323	Replication factor C subunit 3
0	P61967	AP-1 complex subunit sigma-1A
0	Q8R3N6	THO complex subunit 1
0	Q6PDT2	2-aminoethanethiol dioxygenase
0	Q35218	Cleavage and polyadenylation specificity factor subunit 2
0	Q37B82	Pleckstrin homology domain-containing family F member 1
0	Q8R707	Centrosomal protein of 55 kDa
0	Q9WU56	tRNA pseudouridine synthase A, mitochondrial;tRNA pseudouridine synthase
0	Q8R0W5	Nuclear protein 11
0	Q60930	Voltage-dependent anion-selective channel protein 2
0	Q91VC3	Eukaryotic initiation factor 4A-III;Eukaryotic initiation factor 4A-III, N-terminally processed
0	Q8R0X6	Protein Smaug homolog 2
0	Q3Y2P9	Coiled-coil domain-containing protein 6
0	Q62376	U1 small nuclear ribonucleoprotein 70 kDa
0	Q71DQ0	Ataxin-2-like protein
0	Q9Z2T5	Serine/threonine-protein phosphatase 4 regulatory subunit 3B
0	Q8R0J7	Rab3 GTPase-activating protein catalytic subunit
0	Q9J190	E3 ubiquitin-protein ligase RNF14
0	P09103	Protein disulfide-isomerase
0	Q99KQ4	Nicotinamide phosphoribosyltransferase
0	Q8R0J9	Nuclear pore complex protein Nup214
0	A2AKG8	Fodacsin
0	P48193	Protein 4,1
0	Q8RV93	Exosome complex component RRP4
0	Q8RML9	
0	Q8R0G9	Nuclear pore complex protein Nup133
0	Q61140	Breast cancer anti-estrogen resistance protein 1
0	Q9Q0A3	
0	Q9DC78	Cysteine-rich protein 2
0	P53702	Cytochrome c-type heme lyase
0	Q9D0M1	Phosphoribosyl pyrophosphate synthase-associated protein 1
0	Q9D0I9	Arginine-tRNA ligase, cytoplasmic
0	Q08R82	GTP-binding protein 1
0	P08752	Guanine nucleotide-binding protein G(i) subunit alpha-2
0	P60335	Poly(rC)-binding protein 1

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1754	-0.0615	-0.3354	-0.4338	-0.1141
1755	-0.1455	-0.5353	-0.6336	-0.1139
1756	-0.0894	-0.2384	-0.3610	-0.1138
1757	-0.3651	-0.3557	-0.1620	-0.1135
1758	-1.3621	1.0419	1.0079	-0.1133
1759	-0.5472	-0.1454	-0.4668	-0.1125
1760	-0.1495	-0.1495	-0.7217	-0.1120
1761	-0.2347	-0.2720	-0.3299	-0.1117
1762	-0.2778	-0.1634	-0.3054	-0.1105
1763	-0.2787	-0.1384	-0.7391	-0.1103
1764	-0.0481	-0.4436	-0.0609	-0.1096
1765	-0.1726	-0.1811	-0.3183	-0.1085
1766	-0.4540	-0.1736	-0.5138	-0.1082
1767	-0.1140	-0.0694	-0.6700	-0.1074
1768	-0.3640	-0.4758	-0.2693	-0.1073
1769	-0.0899	-0.2386	-1.1322	-0.1048
1770	-0.7658	-0.5289	-0.4155	-0.1045
1771	-0.0899	-0.1789	-0.0504	-0.1044
1772	-0.2397	-0.3096	-0.6987	-0.1041
1773	-0.3410	-0.3885	-0.1490	-0.1031
1774	-0.3036	-0.4449	-0.1057	-0.1029
1775	-0.1409	-0.6136	-0.0073	-0.1023
1776	-0.4698	-0.3473	-0.3612	-0.1018
1777	-0.2150	-0.1568	-0.0000	-0.1016
1778	-0.2822	-0.0634	-0.0000	-0.1016
1779	-1.1332	-0.4705	-0.1547	-0.1007
1780	-0.6934	-0.5805	-0.6745	-0.1004
1781	-1.5129	-1.3501	-0.3716	-0.1000
1782	-0.1327	-0.0511	-0.5885	-0.0999
1783	-0.0698	-0.0000	-0.1259	-0.0996
1784	-0.0910	-0.6509	-0.6002	-0.0987
1785	-0.2284	-0.0000	-0.2079	-0.0986
1786	-1.1653	-0.1040	-1.0511	-0.0981
1787	-0.3582	-0.5930	-0.8199	-0.0977
1788	-0.1787	-0.4142	-0.1684	-0.0972
1789	-0.0899	-0.4129	-0.4584	-0.0970
1790	-0.2620	-0.0000	-0.3944	-0.0957
1791	-0.2788	-0.3056	-0.2403	-0.0952
1792	-0.5132	-0.0000	-0.3469	-0.0951
1793	-1.9005	-0.6255	-0.6410	-0.0949
1794	-0.1114	-0.3151	-0.2024	-0.0948
1795	-0.0787	-0.1263	-0.6741	-0.0947
1796	-0.2448	-0.1110	-0.2286	-0.0944
1797	-0.2200	-0.0917	-0.1988	-0.0937
1798	-0.4507	-0.2184	-0.1521	-0.0937
1799	-0.1008	-0.2184	-0.0926	-0.0936
1800	-0.1299	-0.4502	-1.1509	-0.0925
1801	-0.2377	-0.0769	-0.6730	-0.0904
1802	-0.5946	-0.5503	-0.7779	-0.0901
1803	-0.4585	-0.2112	-0.1087	-0.0900
1804	-0.5434	-0.2875	-0.7896	-0.0892
1805	-0.5362	-0.0453	-0.6865	-0.0891
1806	-0.7893	-1.0208	-0.1772	-0.0887
1807	-0.2901	-0.6477	-0.6670	-0.0885
1808	-0.1319	-0.5046	-0.2183	-0.0883
1809	-0.4391	-0.2058	-0.8418	-0.0878
1810	-0.3991	-0.2784	-0.1461	-0.0876
1811	-0.3296	-0.0549	-0.4085	-0.0873
1812	-0.2445	-0.7727	-0.5088	-0.0864
1813	-0.0801	-1.0501	-0.2584	-0.0860
1814	-0.3371	-0.0953	-0.2515	-0.0841
1815	-0.9416	-0.5880	-0.1122	-0.0835
1816	-0.2460	-0.4685	-0.0951	-0.0828
1817	-0.5477	-0.0588	-0.3080	-0.0827
1818	-0.4385	-0.2478	-0.4089	-0.0815
1819	-1.0823	-0.6502	-0.6500	-0.0813
1820	-0.1399	-0.1185	-0.1191	-0.0811
1821	-0.0640	-0.2617	-0.1356	-0.0810
1822	-0.3336	-0.6010	-0.2119	-0.0806
1823	-0.0401	-0.1965	-0.2606	-0.0800
1824	-0.0521	-0.0411	-0.9596	-0.0795
1825	-0.2686	-0.3069	-0.5948	-0.0785
1826	-0.0726	-0.8813	-1.4957	-0.0783
1827	-0.9790	-0.4731	-0.4284	-0.0775
1828	-1.2983	-0.0000	-0.5661	-0.0772
1829	-0.3159	-0.1626	-0.3775	-0.0765
1830	-0.9738	-0.2951	-0.4286	-0.0763
1831	-0.6883	-0.0000	-0.7873	-0.0759
1832	-0.1132	-0.1074	-0.1074	-0.0756
1833	-0.0111	-0.5161	-1.2223	-0.0755
1834	-1.4330	-0.6972	-0.1987	-0.0753
1835	-0.0947	-0.1519	-0.0612	-0.0752
1836	-0.1258	-0.1392	-0.1389	-0.0751
1837	-0.5700	-0.1006	-0.9069	-0.0750
1838	-0.0000	-0.4247	-0.0222	-0.0746
1839	-0.3658	-0.0000	-0.3927	-0.0738
1840	-0.0818	-0.3931	-0.3430	-0.0737
1841	-0.3510	-0.0770	-0.1659	-0.0736
1842	-0.2191	-0.2969	-0.0000	-0.0734
1843	-0.1898	-0.3430	-0.1088	-0.0730
1844	-0.1969	-0.2154	-0.6508	-0.0729
1845	-0.3615	-0.5488	-0.0000	-0.0728
1846	-0.6071	-0.8569	-0.1531	-0.0721
1847	-0.1897	-0.7041	-0.1966	-0.0707
1848	-0.4682	-0.1297	-0.2823	-0.0707
1849	-0.5485	-0.6534	-0.3931	-0.0705
1850	-0.1061	-0.8236	-0.4048	-0.0703
1851	-0.0586	-0.3249	-0.8442	-0.0702
1852	-0.1607	-0.5353	-0.3123	-0.0697
1853	-0.4455	-0.2638	-0.0861	-0.0697
1854	-1.0216	-0.8443	-0.5969	-0.0689
1855	-0.6286	-0.4705	-0.2735	-0.0686
1856	-0.2138	-0.0000	-0.0000	-0.0684
1857	-0.2135	-0.4094	-0.0000	-0.0678
1858	-0.3344	-0.1666	-0.3015	-0.0675
1859	-0.2218	-0.9425	-0.6796	-0.0671
1860	-0.5718	-0.3335	-0.3430	-0.0670
1861	-0.2434	-0.0441	-0.5962	-0.0665
1862	-0.1523	-0.3807	-0.0849	-0.0660
1863	-0.0626	-0.3289	-1.1788	-0.0659
1864	-0.0938	-0.3682	-0.4332	-0.0659
1865	-0.6345	-1.1725	-0.1579	-0.0657
1866	-0.6824	-0.1838	-0.3645	-0.0654
1867	-0.5789	-0.2434	-0.8025	-0.0653
1868	-0.0794	-0.1797	-0.1776	-0.0652
1869	-0.5995	-0.3138	-0.3070	-0.0648
1870	-0.1095	-0.2139	-0.3724	-0.0648
1871	-0.1642	-0.6163	-0.3329	-0.0641
1872	-0.0000	-0.1369	-0.2500	-0.0641
1873	-1.1333	-0.2818	-0.3597	-0.0641
1874	-0.1465	-0.3865	-0.2750	-0.0638
1875	-0.1707	-0.0963	-0.4071	-0.0637
1876	-0.2275	-0.3204	-0.2359	-0.0631
1877	-0.0000	-0.0000	-0.4517	-0.0629
1878	-0.0000	-0.3954	-0.0863	-0.0622
1879	-0.0000	-0.2114	-0.4089	-0.0620

0	QBEM8	Phosphate carrier protein, mitochondrial
0	Q9JMH9	Unconventional myosin-XVIIIa
0	Q08943	FACT complex subunit SSRP1
0	Q099K8	Dynactin subunit 2
0	Q0907X3	Dual specificity protein phosphatase 3
0	Q92ZAS	Arginyl-RNA-protein transferase 1
0	Q9VQ29	
0	Q08788	Dynactin subunit 1
0	Q3V1L4	Cytosolic purine 5-nucleotidase
0	Q8C0T5	Signal-induced proliferation-associated 1-like protein 1
0	P24547	Inosine-5-monophosphate dehydrogenase 2
0	Q8K222	Pre-mRNA-processing factor 39
0	Q6N2L6	Tonsoku-like protein
0	P13439	Uridine 5-monophosphate synthase;Orotate phosphoribosyltransferase;Orotidine 5-phosphate dehydrogenase
0	Q8B005	Zinc finger CCH domain-containing protein 14
0	Q92JN5	Spliceosome RNA helicase Ddx39b
0	Q08293	Uncharacterized protein C17orf85 homolog
0	Q60790	Ras GTPase-activating protein 3
0	Q60597	2-oxoglutarate dehydrogenase, mitochondrial
0	Q6P5E4	UDP-glucose:glycoprotein glucosyltransferase 1
0	Q090I7	YLP motif-containing protein 1
0	Q3U319	E3 ubiquitin-protein ligase BRE1B
0	Q922G6	Protein sel-1 homolog 1
0	Q9D0R8	Protein LSM12 homolog
0	Q3U1B0	
0	Q8B9E3	V-type proton ATPase subunit H
0	Q6P9J9	Anoctamin-5
0	Q9CPX7	28S ribosomal protein S16, mitochondrial
0	Q9C555	E3 ubiquitin-protein ligase RNF213
0	Q9CSN1	SNW domain-containing protein 1
0	Q3UEB3	Poly(U)-binding-splicing factor PUF60
0	Q60715	Prolyl 4-hydroxylase subunit alpha-1
0	Q924T3	DNA repair protein XRCC4
0	Q54956	DNA polymerase epsilon subunit 2
0	Q8CBY1	Protein Smaug homolog 1
0	P70127	Inositol 1,4,5-trisphosphate receptor type 3
0	P08003	Protein disulfide-isomerase A4
0	P52561	Homeobox protein Rhox5
0	Q8K0D5	Elongation factor G, mitochondrial
0	P68388	Tubulin alpha-4A chain;Tubulin alpha-8 chain
0	Q9C9X9	RNA-binding protein 33
0	Q91XU0	ATPase WRNIP1
0	Q80U22	Protein SDA1 homolog
0	P06537	Glucocorticoid receptor
0	Q99104	Unconventional myosin-Va
0	Q9C8B4	N-alpha-acetyltransferase 15, NatA auxiliary subunit
0	P98083	SHC transforming protein 1
0	Q8B9V5	Protein phosphatase methyltransferase 1
0	Q8VDP6	COP-diacylglycerol-inositol 3-phosphatidyltransferase
0	Q8B7W3	Exosome complex component MTR3
0	Q01730	Ras suppressor protein 1
0	P20664	DNA primase;DNA primase small subunit
0	P58501	PAX3- and PAX7-binding protein 1
0	Q9CPC8	ATP synthase subunit g, mitochondrial
0	Q8VDM1	Zinc finger CCH-type with G patch domain-containing protein
0	P1A1JN2	
0	Q8VHM5	
0	Q8BMS4	Ubiquitinone biosynthesis O-methyltransferase, mitochondrial
0	P97770	THUMP domain-containing protein 3
0	Q924H5	DNA repair protein RAD51 homolog 3
0	Q35375	Neurospilin-2
0	Q9CWX3	Calycylin-binding protein
0	Q9R112	Sulfide:quinone oxidoreductase, mitochondrial
0	P16110	Galectin;Galectin-3
0	P52432	DNA-directed RNA polymerases I and III subunit RPAC1
0	Q55W88	
0	Q9C0T5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6
0	Q8B384	Vesicle transport through interaction with t-SNAREs homolog 1B
0	Q099L6	ATP-binding cassette sub-family F member 2
0	Q5XJE5	RNA polymerase-associated protein LEO1
0	Q62018	RNA polymerase-associated protein CTR9 homolog
0	Q922Q4	Pyrolysine-5-carboxylate reductase 2
0	P83887	Tubulin gamma-1 chain;Tubulin gamma-2 chain
0	Q8VEJ9	Vacuolar protein sorting-associated protein 4A
0	P12197	60S ribosomal protein L7a
0	Q91HT7	YTH domain-containing family protein 2
0	Q9C0B5	CDGSH iron-sulfur domain-containing protein 2
0	P70193	Leucine-rich repeats and immunoglobulin-like domains protein 1
0	A2A1T4	Arginine/serine-rich protein PNISR
0	Q3YXK2	Scaffold attachment factor B1
0	Q80729	Arginine-glutamic acid dipeptide repeats protein
0	P37913	DNA ligase 1;DNA ligase
0	Q7M739	
0	A2B033	Adenylyltransferase and sulfurtransferase MOC33;Molybdopterin-synthase adenylyltransferase;M
0	Q9D1H8	39S ribosomal protein L53, mitochondrial
0	Q9D519	Xanthine dehydrogenase/oxidase;Xanthine dehydrogenase;Xanthine oxidase
0	Q8B5N5	PHD finger protein 23
0	Q9WV70	Nuclear complex protein 2 homolog
0	Q8VEK3	Heterogeneous nuclear ribonucleoprotein U
0	Q70404	Vesicle-associated membrane protein 8
0	Q8B8F4	Dihydropyrimidine-residue acetyltransferase component of pyruvate dehydrogenase complex, m
0	Q9DAM7	Transmembrane protein 263
0	Q9CVB6	Actin-related protein 2/3 complex subunit 2
0	Q9CXT7	Transmembrane protein 192
0	Q92X21	Heterogeneous nuclear ribonucleoprotein F;Heterogeneous nuclear ribonucleoprotein F, N-termi
0	Q8BHD7	Polypyrimidine tract-binding protein 3
0	Q8B3K4	Interferon regulatory factor 2-binding protein-like
0	Q8B5Y0	Aspartyl/asparaginyl beta-hydroxylase
0	Q8BLU0	
0	Q62058	La-related protein 1
0	Q9D0Q7	39S ribosomal protein L45, mitochondrial
0	Q80XC2	tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A
0	G3XA17	
0	P46460	Vesicle-fusing ATPase
0	Q9D187	Mitotic spindle-associated MMXD complex subunit MIP18
0	P14869	60S acidic ribosomal protein P0
0	Q6ZP97	Lysine-specific demethylase 3B
0	Q61183	Poly(A) polymerase alpha
0	Q91Y78	Polyadenylate-binding protein
0	Q8K480	Metastasis-associated protein MTA1
0	P12382	ATP-dependent 6-phosphofructokinase, liver type
0	Q9D0U6	Repressor of RNA polymerase III transcription MAF1;Repressor of RNA polymerase III transcription
0	Q9CWC2	RNA-binding protein 8A
0	Q9CWX4	60S ribosomal protein L11
0	Q9JH83	Y-box-binding protein 3
0	Q35737	Heterogeneous nuclear ribonucleoprotein H;Heterogeneous nuclear ribonucleoprotein H, N-termi
0	Q6P580	RRP12-like protein
0	P70452	Syntaxin-4
0	Q921Q9	Valine-tRNA ligase
0	Q8CGU1	Calcium-binding and coiled-coil domain-containing protein 1
0	Q9R045	Angiotensin-related protein 2
0	P56480	ATP synthase subunit beta, mitochondrial
0	Q8B9K6	YTH domain-containing family protein 3
0	Q9CZC0	Elongator complex protein 3
0	Q6ZWX6	Eukaryotic translation initiation factor 2 subunit 1
0	P97496	SWI/SNF complex subunit SMARCC1

Gm25a3	mmu:18674	
Myo18a	mmu:360013	
Ssrp1	mmu:20833	
Dctn2	mmu:69654	
Dusp3	mmu:72349	1
Ate1	mmu:11907	
Igapp3	mmu:404710	
Dctn1	mmu:13191	
Ntsc2	mmu:76952	
Sipa1l1	mmu:217692	
Impdh2	mmu:23918	
Prpf39		
Tonsl	mmu:72749	
e Umps	mmu:22247	
Zc3h14	mmu:75553	
Ddx39b	mmu:53817	
	mmu:66874	
Rasa3	mmu:19414	
Ogdh	mmu:18293	
Ugg1l	mmu:320011	
Ylpm1		
Rnf40	mmu:233900	1
Sel1l	mmu:20338	
Lsm12	mmu:268490	
Sfb2c	mmu:319322	
Atp6v1h	mmu:108664	
Ano6	mmu:105722	
Mprp16	mmu:66242	
Rnf213		1
Smn1	mmu:66254	
Puf60	mmu:67959	
P4ha1	mmu:18451	
Xrcc4	mmu:108138	
Pole2	mmu:18974	
Samd4a	mmu:74480	
Itp3r	mmu:16440	
Pdia4	mmu:12304	
Rhox5		
Ghm1	mmu:28030	
Tuba4a7u	mmu:22145	
Rbm33	mmu:381626	
Wrnip1	mmu:78903	
Sdad1	mmu:231452	
Nr3c1		
Myo5a	mmu:17918	
Naa15	mmu:66897	
Shc1	mmu:20416	
Ppme1	mmu:72590	
Cdpt	mmu:52858	
Exosc6	mmu:72544	
Rsu1		
Prim1	mmu:19075	
Paxbp1	mmu:67367	
Atp5f	mmu:27425	
Zgpat	mmu:229007	
Eif2b3	mmu:108067	
Hnnp1r	mmu:74326	
Coq3	mmu:230027	
Thumpd3	mmu:14911	
Rad51c	mmu:114714	
Nrp2	mmu:18187	
Cacybp	mmu:12301	
Sgpl1	mmu:59010	
Lgal3		
Polr1c	mmu:20016	
Rab1		
Ndufa6	mmu:67130	1
Vti1b		
Absc2	mmu:27407	
Lec1	mmu:235497	
Ccr9	mmu:22083	
Pycr2	mmu:69051	1
Tubg1,Tub	mmu:103733	
Vps4a	mmu:116733	
Rpl7a	mmu:27176	
Ythdf2	mmu:213541	
Cisd2	mmu:67006	
Lrig1	mmu:16206	
Nsir		
Safb	mmu:224903	
Rere	mmu:68703	
Lig1	mmu:16881	1
Tpr		
Mocs3	mmu:69372	
Mrp153	mmu:68499	
Xdh	mmu:22436	
Phf23	mmu:78246	
Noc2l		
Gm28062	mmu:51810	
Vamp8	mmu:22320	
Dlat	mmu:235339	
Tmem263	mmu:103266	
Arpc2	mmu:76709	
Tmem192	mmu:73067	
ii Hnnp1f	mmu:98758	
Ptpb3	mmu:230257	
Irf2bp1	mmu:238330	
Asph	mmu:65973	
Flrt2	mmu:399558	
Larp1	mmu:73158	
Mrp145	mmu:67036	
Tmem61a	mmu:328162	
Eif4g2		
Nsf	mmu:18195	
Fam96b	mmu:68523	
Rplp0	mmu:11837	
Kdm3b		
Papola	mmu:18789	
Pabpc4,Gm10110		
Mta1		
Pkl1	mmu:19641	
Maf1	mmu:68877	
RBM8,Rbm	mmu:60365	
Rpl11,Gm1	mmu:67025	
Ybx3	mmu:56449	
nni Hnnp1h	mmu:59013	
Rrp12	mmu:107094	
Stx4	mmu:20909	1
Vars	mmu:22321	
Calcoo1	mmu:67488	
Angp82	mmu:26360	
Atg5b	mmu:11947	
Ythdf3	mmu:229096	
Elp3	mmu:74195	
Eif2f1	mmu:13665	
Smarcc1	mmu:20588	

1880	-0.0634	-0.5103	-0.1275	-0.0614
1881	-0.0840	0.2684	0.0995	-0.0613
1882	0.3081	0.6014	0.9317	-0.0610
1883	0.4595	0.1923		-0.0602
1884	-0.0818	0.2452	0.8064	-0.0602
1885	0.7596	-0.5933	0.6024	-0.0602
1886	0.3295	-0.2937	-0.1321	-0.0601
1887	-0.1045	-0.0774	0.0945	-0.0599
1888	-0.5530	-0.3727	0.0795	-0.0599
1889	0.1055	-0.2014	0.1178	-0.0594
1890	-0.3699	-0.0733		-0.0587
1891	0.1121	0.4532	-0.2038	-0.0582
1892	0.4532	-0.7360	-0.7355	-0.0580
1893	0.2538	0.4126	-0.5671	-0.0586
1894	-0.0818		-0.3596	-0.0586
1895	-0.3481	-0.1072	0.4034	-0.0583
1896	-0.3741	-0.1507	0.4810	-0.0581
1897	-0.1081	-0.5564	0.4870	-0.0540
1898	1.0156	0.5569	-0.1619	-0.0509
1899	0.0726	0.0979	-0.1995	-0.0495
1900	1.0561	-1.1349	-1.1734	-0.0484
1901	-0.2812	0.3310		-0.0484
1902	-0.3213	1.0839	0.4345	-0.0482
1903	-0.0681	0.2861	0.3951	-0.0481
1904	-0.0777			-0.0479
1905	-0.0596	-0.0587	-0.1138	-0.0475
1906	-0.1309	0.5344	0.2325	-0.0474
1907	-0.7540	-0.1094	0.4655	-0.0454
1908		-0.4911	0.1299	-0.0449
1909	-0.3315	0.0528		-0.0447
1910		0.5771	-0.3906	-0.0441
1911	-0.3315	-0.2989	0.2721	-0.0434
1912	0.4851	0.4545	0.2921	-0.0433
1913	0.2761	1.1737	-0.3780	-0.0432
1914	0.2679	0.2567	-0.3741	-0.0430
1915	0.4788	-0.1020	0.4548	-0.0430
1916	-0.4959	0.1821	0.1855	-0.0414
1917	-0.0649	-0.2054	0.3373	-0.0409
1918	-0.6616	1.2959	0.7682	-0.0401
1919	-0.2788	0.2761	0.3109	-0.0400
1920	-0.3258	-0.7805	0.2842	-0.0396
1921	-0.1132	0.2652	0.8386	-0.0390
1922	0.1320	-0.3689	-0.1810	-0.0386
1923	0.3190	0.5461	0.0385	-0.0382
1924	-0.1218	0.3259	0.4927	-0.0382
1925	-0.2249	-0.0897	-0.2855	-0.0377
1926	-0.6100	0.2404		-0.0371
1927	-0.0849	0.3131	0.3692	-0.0365
1928	-0.3865	0.3469	-0.3822	-0.0357
1929	0.3033	0.3067	-0.0686	-0.0346
1930	-1.6569	1.4150	0.1529	-0.0325
1931	0.5000	0.1940	-0.0588	-0.0324
1932	-0.3440	-0.4495	0.6137	-0.0323
1933	0.2379	0.4111	0.6866	-0.0322
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1935	0.4832	0.6437	0.7658	-0.0319
1936	-0.0808	-0.1454	0.2881	-0.0318
1937	0.5859	-0.2591	0.4060	-0.0313
1938	0.4030	-0.5957	0.1511	-0.0310
1939	-0.4519		0.3609	-0.0304
1940	-0.0445	0.0545	0.4579	-0.0303
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1942	-0.3959	-0.8397	0.1776	-0.0301
1943	-0.1635		0.3222	-0.0300
1944	-0.9863	-0.7056	0.0793	-0.0298
1945	-0.1206	0.4714	-0.4703	-0.0293
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1947	-0.0849	-0.5414	-0.1062	-0.0289
1948	-1.1265	1.1123	0.7518	-0.0289
1949	-0.6202	0.2205	0.0274	-0.0278
1950	0.5725	0.1018	-0.6370	-0.0277
1951	0.1636	0.0647	0.0948	-0.0268
1952	-0.0550	-0.1566	0.3264	-0.0266
1953	-0.5173	0.5758	0.2539	-0.0257
1954	0.2281	-0.2572	0.5257	-0.0248
1955	-0.0286	-0.5455	-0.4474	-0.0247
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1957	-0.1376	-0.0487	-0.2109	-0.0243
1958	-1.0583	-0.1094	0.6736	-0.0237
1959	0.1472	0.3317	-0.0936	-0.0237
1960	-0.4200	0.0771	0.1900	-0.0237
1961	-0.3186	0.5857	0.2393	-0.0236
1962	-0.1148	-0.4599	0.2638	-0.0235
1963	0.6235	-0.4386	-0.4948	-0.0235
1964	0.2431	-0.7511	-1.1542	-0.0235
1965	-0.4405	0.1034	-0.6486	-0.0235
1966	-0.4379	0.6171	-0.1346	-0.0235
1967	-0.1901	0.1821	-0.1324	-0.0235
1968	-1.5155	-0.2075	-0.0647	-0.0235
1969	-0.5122	-0.1528	0.0905	-0.0235
1970	0.4922	0.3691	-0.4321	-0.0235
1971	-0.1888	0.1886	0.0381	-0.0235
1972	0.1571	-0.2566	-0.4183	-0.0235
1973	0.2511	0.0797	0.0661	-0.0235
1974	0.4057	-0.2631	-0.1973	-0.0235
1975	-0.1578	0.3940	0.3429	-0.0235
1976	-0.5999	0.3724	-0.2760	-0.0235
1977	0.2562	-0.1652	0.7331	-0.0235
1978	0.4371	-0.9382	-0.4993	-0.0235
1979	0.0235		-0.3485	-0.0235
1980	-2.1795	0.6514	-0.2471	-0.0235
1981	-0.0551	-0.3773	0.1205	-0.0235
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1983	0.2073	0.4764	0.1330	-0.0235
1984	-0.5294	0.5751	0.3457	-0.0235
1985	-1.0914	0.6755		-0.0235
1986	-0.6368	-0.0786	0.4727	-0.0235
1987	-0.1823	-0.0878	0.1615	-0.0235
1988	0.4592	-0.1749	-0.0928	-0.0235
1989	0.3101	-0.0842	-0.2039	-0.0235
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1991	0.2473	0.2579	-0.2414	-0.0235
1992	0.2473		0.0807	-0.0235
1993	-0.3633	-0.7938	0.8271	-0.0235
1994	-0.0744	-0.0987	-0.0318	-0.0235
1995	-0.5086	-0.1741	-0.3378	-0.0235
1996	-0.1423	-0.0786	-0.7316	-0.0235
1997	-1.2614	0.1381	0.5417	-0.0235
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1999	-0.3547	0.3313	-0.0159	-0.0235
2000	-0.3092	0.3255	0.0749	-0.0235
2001	-0.0678	-0.2132	-0.1542	-0.0235
2002	0.2297		0.0131	-0.0235
2003		-0.0395	0.2084	-0.0235
2004	0.1081	-0.1900	-0.3109	-0.0235
2005		-0.0954	0.4619	-0.0235

Q8R081	Heterogeneous nuclear ribonucleoprotein L	Hnrmpl	mmu:15388		
Q35134	DNA-directed RNA polymerase I subunit RPA1	Polr1a	mmu:20019		
Q9R1T2	SUMO-activating enzyme subunit 1;SUMO-activating enzyme subunit 1, N-terminally processed	Sae1	mmu:56459		
P35282	Ras-related protein Rab-21	Rab21	mmu:216344		
Q9D1F4	Proline-rich AKT1 substrate 1	Akt1s1	mmu:67605		
Q8K1X1	WD repeat-containing protein 11	Wdr11	mmu:207425		
P46061	Ran GTPase-activating protein 1	Rangap1	mmu:19387		
Q91K9	28S ribosomal protein S34, mitochondrial	Mrps34	mmu:79044		
Q9C228	Vacuolar-sorting protein SNF8	Snf8	mmu:27681		
Q92219	Fatty acyl-CoA reductase 1	Far1	mmu:67420		
Q8C1D8	Protein IWS1 homolog	Iws1	mmu:73473		
Q88MQ2	General transcription factor 3C polypeptide 4	Gtf3c4	mmu:269252		
Q92424	Ceramide synthase 2	Cers3	mmu:76893		
P60766	Cell division control protein 42 homolog	Cdc42	mmu:12540		
Q88U7	RUN and FYVE domain-containing protein 1	Rufy1	mmu:216724		
P15864	Histone H1.2	Hist1h1c	mmu:50708		
Q9ESN6	Tripartite motif-containing protein 2	Trim2	mmu:80890		1
Q8K3C3	Protein LZIC	Lzic	mmu:69151		
Q88VY0	Ribosomal L1 domain-containing protein 1	Rsl1d1	mmu:66409		
Q62261	Spectrin beta chain, non-erythrocytic 1	Sptbn1	mmu:20742		
Q8CG46	Structural maintenance of chromosomes protein 5	Smc5	mmu:226026		
Q92315	U4/U6,U5 tri-snRNP-associated protein 1	Sart1	mmu:20227		1
Q70274	Protein tyrosine phosphatase type IVA 2	Ptp4a2	mmu:19244		
Q00807	Peroxisomal protein 4	Pdx4	mmu:53381	1	
Q88685	26S protease regulatory subunit 6A	Psmc3	mmu:19182		
Q88H74	Nuclear pore complex protein Nup107	Nup107	mmu:103468		
Q6P542	ATP-binding cassette sub-family F member 1	Abcf1	mmu:224742		
P35278	Ras-related protein Rab-5C	Rab5c	mmu:19345		
F8VQC1	Signal recognition particle subunit SRP72	Srp72	mmu:66661		
Q9N9D5	Protein unc-45 homolog A	Unc45a	mmu:101869		
P61290	Proteasome activator complex subunit 3	Psme3	mmu:19192		
Q3UA37	Glutamine-rich protein 1	Grich1	mmu:69232		
Q88K12	Trinucleotide repeat-containing gene 68 protein	Tnrc6b	mmu:213988		
P26645	Myristoylated alanine-rich C-kinase substrate	Marcks	mmu:17118		
Q91K15	Nuclear RNA helicase 2	Ddx21	mmu:56200		
Q6P7F9	Nuclear pore complex protein Nup98-Nup96;Nuclear pore complex protein Nup98;Nuclear pore c	Nup98	mmu:269966		
Q37WW8	Serine/arginine-rich splicing factor 6	Srsf6	mmu:67996		
Q8VEH8	Endoplasmic reticulum lectin 1	Erfec1	mmu:66753		
P07356	Annexin A2;Annexin	Anxa2	mmu:12306		
Q327P3	Glutaminase kidney isoform, mitochondrial	Gls	mmu:14660		
Q62393	Tumor protein D52	Tpd52	mmu:21985		
Q5D7M8	E3 ubiquitin-protein ligase BRE1A	Rnf20	mmu:109331		1
Q8V136	Paxillin	Pxn	mmu:19303		
Q3UMR0	Ankyrin repeat domain-containing protein 27	Ankrd27	mmu:245886		
Q3URD3	Sarcolemmal membrane-associated protein	Sinap	mmu:83997		
Q9D051	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	Pdhb	mmu:68263		
Q88K41	DNA-directed RNA polymerase;DNA-directed RNA polymerase, mitochondrial	Polmt	mmu:216151		
Q9WV43	Mitotic checkpoint protein BUB3	Bub3	mmu:12237		
Q9DCU6	39S ribosomal protein L4, mitochondrial	Mrlp4	mmu:66163		
Q8QX20		Sec24b	mmu:99683		
Q9W7P7	GTP-AMP phosphotransferase AK3, mitochondrial	AK3	mmu:56248		
P50136	2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial	Bckdha	mmu:102182		
Q3U3W5	Putative protein arginine N-methyltransferase 9	Prrmt10;Prr	mmu:102182		
Q60759	Glutaryl-CoA dehydrogenase, mitochondrial	Gcdh	mmu:270076		
Q8VC30	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing);ATP-dependent c	Dak	mmu:225913		
Q9D1P0	39S ribosomal protein L13, mitochondrial	Mrlp13	mmu:68537		
Q61187	Tumor susceptibility gene 101 protein	Tsg101	mmu:22088		
P17225	Poly(pyrimidine) tract-binding protein 1	Ptpb1	mmu:67938		
Q81X24	Splicing factor 45	Rbm17	mmu:76938		
Q9CSV6	Vesicle transport protein SFT2C	Sft2d3	mmu:99683		
Q37W96	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1	Uap11	mmu:227620		
P01902	H-2 class I histocompatibility antigen, K-D alpha chain	H2-K1	mmu:14155		
Q9ZG20	Protein fem-1 homolog 8	Fem1b	mmu:14155	1	1
Q8K019	Bcl-2-associated transcription factor 1	Bclaf1	mmu:72567		1
P28033	CCAAT/enhancer-binding protein beta	Cebpb	mmu:12608		1
Q8R3F9	Speckle targeted PIP5K1A-regulated poly(A) polymerase	Tut1	mmu:70044		
P25322	G1/S-specific cyclin-D1	Cnd1	mmu:12443		
Q9N18	Hepatocyte growth factor-regulated tyrosine kinase substrate	Hgs	mmu:15239		
P22315	Ferrochelatase;Ferrochelatase, mitochondrial	Fech	mmu:18570		
P12815	Programmed cell death protein 6	Pdcd6	mmu:18570		1
Q9CPX6	Ubiquitin-like-conjugating enzyme ATG3	Atg3	mmu:67841		
Q9N9N6	39S ribosomal protein L1, mitochondrial	Mrlp1	mmu:94061		
Q6P9Q4	FH1/FH2 domain-containing protein 1	Fhod1	mmu:234686		
Q08297	DNA repair protein RAD51 homolog 1	Rad51	mmu:19361		
Q9ER15	Bifunctional arginine demethylase and lysyl-hydroxylase JM1D6	Jmjd6	mmu:107817		
Q92248	Zinc finger protein AEBP2	Aebp2	mmu:11569		
Q8VC88	UBX domain-containing protein 4	Ubxn4	mmu:67812		
Q91VU7		Pus7	mmu:67693		
Q9CR41	Huntingtin-interacting protein K	Hyk	mmu:67693		
Q8CG72	Poly(ADP-ribose) glycohydrolase ARH3	Adprh2	mmu:100206	1	
P62748	Hippocalcin-like protein 1	Hpcal1	mmu:53602		
Q88XA1	Golgi integral membrane protein 4	Golim4	mmu:73124		
Q91V58	FERM, RhoGEF and pleckstrin domain-containing protein 2	Farp2	mmu:227377		
Q8R502	Volume-regulated anion channel subunit LRRC8C	Lrrc8c	mmu:100604		
Q9N102	PAXIP1-associated glutamate-rich protein 1A	Pagripa	mmu:67278		
Q91W18	Far upstream element-binding protein 1	Fubp1	mmu:77987		
Q9P218	Activating signal cointegrator 1 complex subunit 3	Asc3	mmu:12385		
P26231	Catenin alpha-1	Ctnna1	mmu:56357		
Q91H15	Isovaleryl-CoA dehydrogenase, mitochondrial	Ahnak2	mmu:58523		
E9PYB0		Elp2	mmu:68365		
Q91W44	Elongator complex protein 2	Rab14	mmu:103724		
Q91V41	Ras-related protein Rab-14	Tbcd10a	mmu:11966		
P58802	TBC1 domain family member 10A	Atpgv1b2	mmu:71853		
P62814	V-type proton ATPase subunit B, brain isoform	Acin1	mmu:56215		
Q922R8	Protein disulfide-isomerase A6	Tbrg4	mmu:21379		
Q91JX8	Apoptotic chromatin condensation inducer in the nucleus	Apbb1ip	mmu:54519		
Q91YM4	Protein TBRG4	Mtlf2	mmu:76784		
Q8R5A3	Amyloid beta A4 precursor protein-binding family 8 member 1-interacting protein	Nes	mmu:18008		
Q91V15	Translation initiation factor IF-2, mitochondrial	Snpd3	mmu:67335		
Q8P5H2	Nestin	Gpc4	mmu:14735		
P62320	Small nuclear ribonucleoprotein Sm D3	Rps25	mmu:28080		
P51655	Glypican-4;Secreted glypican-4	Rpl22l1	mmu:68028		
P62852	40S ribosomal protein S25	Pdcd2	mmu:18567		
Q9D020	ATP synthase subunit O, mitochondrial	Plrg1	mmu:53317		
Q9D757	60S ribosomal protein L22-like 1	Sud3	mmu:71954		
P46718	Programmed cell death protein 2	Cdc73	mmu:214498		
Q922V4	Pleiotropic regulator 1	SmeK1	mmu:68734		
Q88R65	Snf3 histone deacetylase corepressor complex component SD33	Pdn6	mmu:14976		
Q81ZM7	Parafibromin	Psmc1	mmu:19179		
Q8P2K6	Serine/threonine-protein phosphatase 4 regulatory subunit 3A	Ubxn6	mmu:231389		
Q90958	Prefoldin subunit 6	Rabep1	mmu:54189		
P62192	26S protease regulatory subunit 4	Smdm2	mmu:17126		
Q8C7R4	Ubiquitin-like modifier-activating enzyme 6	Rpl23	mmu:65019		
Q35551	Rab GTPase-binding effector protein 1	Znhit2	mmu:29805		
Q62432	Mothers against decapentaplegic homolog;Mothers against decapentaplegic homolog 2	Tmem65	mmu:74868		
P62830	60S ribosomal protein L23	Obfc1	mmu:10689		
Q9QY66	Zinc finger HIT domain-containing protein 2	Sfrf10	mmu:14105		
Q4VAE3	Transmembrane protein 65	Plaa	mmu:18786		
Q8K2X3	CST complex subunit STN1	Klf4d4	mmu:104112		
Q9R0U0	Serine/arginine-rich splicing factor 10	Flnb	mmu:286940		
P27612	Phospholipase A-2-activating protein	Ppfbp1	mmu:67533		
Q92112	Kelch domain-containing protein 4	Akap13	mmu:75547		
Q91V92	ATP-citrate synthase				
Q8QX90	Flamin-8				
Q8C8U0	Liprin-beta-1				
E9Q394					

2006	-0.1954	-1.0182	0	P62880	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2;Guanine nucleotide-binding pro	Gnb2;Gnb	mmu:14693		
2007	-0.0637	-0.0783	0.5879	0	Q81100	Disks large homolog 1	Dlg1	mmu:13383	
2008	0.0656	-0.1279	0.3060	0	G06A48	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 7	Usp7	mmu:252870	
2009	-0.5768	0.3777	0.2330	0	A2A151	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	Man1b1	mmu:227619	
2010	-0.2189	0.2495	-0.2711	0	Q8BH64	EH domain-containing protein 2	Ehd2	mmu:259300	
2011	0.4065	0.4162	0.3056	0	Q9D9G5	Perlipin-3	Plin3	mmu:66905	
2012	-0.1438	-0.1389	0.3723	0	Q9U1V5	Cullin-3	Cul3	mmu:26554	
2013	0.1366	-0.3637	0.2558	0	Q8VDU3		Apol9a	mmu:223672	1
2014	0.1401	0.2260	-0.4086	0	P43247	DNA mismatch repair protein Msh2	Msh2	mmu:17685	
2015	-0.1834	0.0518	0.6874	0	P50580	Proliferation-associated protein 2G4	Pa2g4	mmu:18813	
2016	-0.1082	0.2068	0.6864	0	P10126	Elongation factor 1-alpha 1	Eef1a1	mmu:13627	
2017	0.0917	-0.1011	-0.0686	0	Q09K77	Dipeptidyl peptidase 3	Dpp3	mmu:75221	
2018	0.3039	-0.5690	0.3516	0	Q07113	Cation-independent mannose-6-phosphate receptor	Igf2r	mmu:16004	
2019	0.5478	-0.5595	0.3491	0	Q70481	E3 ubiquitin-protein ligase UBR1	Ubr1	mmu:22222	1
2020	0.4565	-0.3952	-1.1861	0	Q9J111	Transforming acidic coiled-coil-containing protein 3	Tacc3	mmu:21853	
2021	-0.0608	0.2488	0.3160	0	Q9R1X4	Protein timeless homolog	Timeless	mmu:12387	
2022	-0.1945	-0.2488	0.0987	0	Q07248	Catenin beta-1	Ctnnb1	mmu:17076	
2023	-0.6006	0.4553	-0.4109	0	Q60767	Lymphocyte antigen 75	Ly75	mmu:17700	
2024	1.1817	0.8137	-0.5884	0	F723U3		Raph1	mmu:77300	
2025	-0.0105	0.0719	-0.7100	0	P59017	Bcl-2-like protein 13	Bcl2l13	mmu:94044	1
2026	-0.1127	0.0000	-0.0939	0	P52479	Ubiquitin carboxyl-terminal hydrolase 10	Usp10	mmu:22224	
2027	-0.0735	0.0478	0.1651	0	P80314	T-complex protein 1 subunit beta	Cct2	mmu:12461	
2028		0.2443	0.2689	0	Q62523	Zyxin	Zyx	mmu:22793	
2029	0.1438	0.1244	-0.4355	0	Q3UJ89	Enhancer of mRNA-decapping protein 4	Edc4	mmu:234699	
2030	-0.2191	0.5814	-1.2400	0	Q35638	Cohesin subunit SA-2	Stag2	mmu:20843	
2031	-0.5158	0.2121	-0.8615	0	Q8R2Y8	Peptidyl-RNA hydrolase 2, mitochondrial	Prh2	mmu:217057	
2032	-0.3764	0.2550	-0.2105	0	Q9CQV5	Microtubule-associated proteins 1A/1B light chain 3B;Microtubule-associated proteins 1A/1B light	Map1lc3b	mmu:67443	
2033	-1.0506	0.2447	-0.0630	0	Q09020	Heterogeneous nuclear ribonucleoprotein A/B	Hnnpab	mmu:15384	
2034	0.4847	0.1979	-0.1074	0	Q3UJ08	H/ACA ribonucleoprotein complex non-core subunit NAF1	Naf1	mmu:234344	
2035	0.1275	-0.3701	0.4459	0	Q8CBW3	Abi interactor 1	Abi1	mmu:11308	
2036	-0.4779	0.3271		0	Q8CG48	Structural maintenance of chromosomes protein 2	Smc2	mmu:14211	
2037	-0.5053	0.1370	0.0874	0	P61979	Heterogeneous nuclear ribonucleoprotein K	Hnnpk	mmu:15387	
2038	0.0845	0.0847	-0.1323	0	Q8R8T8	Serine/arginine repetitive matrix protein 2	Srrm2	mmu:75956	
2039	-0.2311	-0.0076	0.6184	0	Q78PY7	Staphylococcal nuclease domain-containing protein 1	Snd1	mmu:56463	
2040	-0.5059	0.6023	-1.1701	0	Q8VCQ8	Dystroglycan;Alpha-dystroglycan;Beta-dystroglycan	Cald1	mmu:109624	
2041	-1.5806	0.5886	-0.4432	0	Q9U1J8	Squamous cell carcinoma antigen recognized by T-cells 3	Sart3	mmu:13138	
2042		0.1235	-0.0740	0	Q9WV55	Vesicle-associated membrane protein-associated protein A	Vapa	mmu:30960	
2043	0.8039	-0.0533		0	Q9CQA3	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	Sdhb	mmu:67680	
2044	0.6281	-0.3360	0.5740	0	Q8K273	Membrane magnesium transporter 1	Mmg1	mmu:236792	
2045	0.0405	0.6315	-0.4653	0	Q8BHG1	Nardilysin	Nrd1	mmu:230598	
2046	0.0311	0.4429	-0.8860	0	Q92127	Large neutral amino acids transporter small subunit 1	Slc7a5	mmu:20539	
2047	-0.6037	0.1879	0.3170	0	Q9QCD2	Pre-mRNA-splicing factor SFY1	Xab2	mmu:67439	
2048	0.1192	0.0947		0	P35951	Low-density lipoprotein receptor	Ldlr	mmu:16835	
2049	-0.3106	-0.3219	0.1968	0	Q68PF6	ARF GTPase-activating protein GIT1	Glt1	mmu:216963	
2050	-0.1033	-0.0386	0.1046	0	Q9B9P4	Small acidic protein	Smap111c	mmu:56372	
2051	0.2751	-0.1849	-0.7027	0	Q9D1H7	Golgi to ER traffic protein 4 homolog	Gtse4	mmu:67604	
2052	-0.2365	-0.0484	-0.3057	0	P58404	Striatin-4	Strn4	mmu:97387	
2053		-0.1037	-0.4354	0	G5E829	Plasma membrane calcium-transporting ATPase 1	Atp2b1	mmu:67972	
2054	0.3969	-0.4084	0.0836	0	Q8QCE4		Parp10	mmu:671535	
2055		-0.0580	-0.5770	0	P19783	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	Cox4i1	mmu:12857	
2056	0.2833	-0.0626	-0.4024	0	P52506	DNA replication licensing factor MCM3	Mcm3	mmu:17215	
2057	0.1284	-0.5012	-0.4077	0	P72761	X-ray repair cross-complementing protein 5	Xrcc5	mmu:22596	
2058	-0.3393	-0.1770	0.2418	0	Q9OUJ7	Long-chain-fatty-acid-CoA ligase 4	Acs4	mmu:50790	
2059	-0.2852	0.3414	-0.2837	0	Q92185	Mitotic spindle assembly checkpoint protein MAD2A	Mad21	mmu:56150	
2060	-0.0888	0.4329	0.2532	0	Q56926	Thyroid hormone receptor-associated protein 3	Thra3	mmu:230753	
2061	-0.2237	0.2076	-0.1128	0	Q9SLN9	Deoxyhypusine hydroxylase	Dhh	mmu:102115	
2062	-0.4740	-0.6913	-0.3033	0	Q8R010	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	Aimp2	mmu:231872	
2063	-0.3496	0.7151	-0.3747	0	P72603	Raxlin	Rdx	mmu:19684	
2064		0.1545	-0.5061	0	Q9D753	Exosome complex component RRP43	Exosc8	mmu:69639	
2065	-0.2419	-0.1405	0.0844	0	Q76M23	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	Ppp2r1a	mmu:51792	1
2066	0.2520	-0.1033	-1.4852	0	Q61164	Transcriptional repressor CTCF	Ctcf	mmu:13018	
2067	0.6354	-0.3612		0	Q08739	AMP deaminase 3	Ampd3	mmu:11717	
2068	0.0986	-0.2383	0.0421	0	Q9D842	Aprataxin and PNK-like factor	Apfl	mmu:72103	
2069	-0.1909	0.2882	-0.0888	0	E9Q616		Ahnk		
2070	0.0693	0.2266	0.3556	0	Q55143	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	Atp2a2	mmu:11938	1
2071	-0.3247	0.2076	-0.4238	0	Q9CPW4	Actin-related protein 2/3 complex subunit 5	Arcp5	mmu:67771	
2072	-0.1713	-0.0864	-0.1468	0	A2R543		Pcdh7		
2073	-0.2969	0.6443	0.3815	0	P05064	Fructose-bisphosphate aldolase A;Fructose-bisphosphate aldolase	Aldoa;Aldc	mmu:11674	
2074	-0.1386	0.5128	0.1555	0	Q9CZU6	Citrate synthase, mitochondrial	Cs	mmu:12974	
2075	-0.1273	0.2337	-0.3265	0	Q9Q206	Toll-interacting protein	Tollip	mmu:54473	
2076	1.1243	0.8860	0.8952	0	Q62Q03	Formin-binding protein 4	Fbnp4	mmu:55935	
2077	0.6324	0.9252	0.3188	0	Q91YD3	mRNA-decapping enzyme 1A	Dcp1a	mmu:75901	
2078	-0.3215		-0.9065	0	P47740	Aldehyde dehydrogenase;Fatty aldehyde dehydrogenase	Aldh3a2	mmu:11671	
2079	-0.5681	0.7256	-0.1206	0	Q8VH51	RNA-binding protein 39	Rbm39	mmu:170791	
2080	-0.0716	-0.0994		0	Q88947	Asparagine-tRNA ligase, cytoplasmic	Nars	mmu:70223	
2081	-0.1505	0.1632		0	Q8Q554	Splicing factor 3A subunit 3	Sf3a3	mmu:75662	
2082	-0.4436	-0.0400	0.3523	0	Q92ZU0	Proteasome subunit alpha type-7;Proteasome subunit alpha type-7-like	Psmg7;Psn	mmu:26444	
2083	-1.0410	0.6924	-0.5346	0	Q8R9H7	TBC1 domain family member 17	Tbc1d17	mmu:233204	
2084	0.5788	0.2085	-0.2046	0	Q61127	NGF1-A-binding protein 2	Nab2	mmu:17937	
2085	-0.7237	0.6248	-0.1199	0	Q3TNP1		Gtf3c3	mmu:98488	
2086	0.6363	-0.2878	0.2518	0	Q6NV83	U2 snRNP-associated SURP motif-containing protein	U2surp	mmu:67958	
2087	0.3009	-0.5657	0.2570	0	Q9QZF2	Glypican-1;Secreted glypican-1	Gpc1	mmu:14733	
2088	-0.0118	0.1487	0.3570	0	Q8KH26	ATP-binding cassette sub-family F member 3	Abcf3	mmu:27406	
2089	0.1155	-0.2241		0	Q8BLV3	Gephyrin;Molybdopterin adenylyltransferase;Molybdopterin molybdenumtransferase	Gphn	mmu:268566	
2090	-0.2458	0.1096	-0.7792	0	Q9CQF0	39S ribosomal protein L11, mitochondrial	Mrlp11	mmu:66419	
2091	-0.3036		-0.2760	0	Q9NRP6	Pre-mRNA-processing factor 19	Ppaf19	mmu:28000	
2092	-0.1040	-0.2058	-0.2975	0	P97390	Vacuolar protein sorting-associated protein 45	Vps45	mmu:22365	1
2093	0.5414	-0.1240	-0.0676	0	Q92ZT5	Band 4.1-like protein 1	Epb41l1;E4	mmu:13821	
2094	-0.0505	0.1643	0.5088	0	Q9CX99	CUE domain-containing protein 2	Cuedc2	mmu:67116	
2095	0.2938	-0.9655	0.2995	0	Q8K2M0	39S ribosomal protein L38, mitochondrial	Mrlp38	mmu:60441	
2096	0.3790	0.1165	-0.2086	0	Q9EQK5	Major vault protein	Mvp		
2097	-0.1845	0.1260	-0.0983	0	Q8C0L0	Thioredoxin-related transmembrane protein 4	Tmx4	mmu:52837	
2098	-0.4889	0.1204		0	Q3TZZ7	Extended synaptotagmin-2	Eys2	mmu:52635	
2099	0.0806	0.0834	-0.1970	0	Q99M86	Serrate RNA effector molecule homolog	Srrt	mmu:83701	
2100	-0.1527	0.2775	0.6244	0	Q9EPJ9	ADP-ribosylation factor GTPase-activating protein 1	Arfgap1	mmu:228998	
2101	-0.0918	-0.0668		0	F70B83		Ahnk2		
2102	0.1220	-0.5066	-0.6773	0	Q3UJ89	WASH complex subunit 7	Kiaa1033	mmu:319277	
2103	0.3565	-0.0552	0.4085	0	Q9ER72	Cysteine-tRNA ligase, cytoplasmic	Cars	mmu:27267	
2104	-0.1029	0.3786	0.3106	0	P59999	Actin-related protein 2/3 complex subunit 4	Arcp4	mmu:68089	
2105	-0.4244	0.1377	0.3566	0	Q8K310	Matrin-3	Matr3	mmu:17184	
2106	0.2118	0.1981	-0.3338	0	Q8K4Z5	Splicing factor 3A subunit 1	Sf3a1	mmu:67465	
2107	-0.3923	1.1613	0.6015	0	P54726	UV excision repair protein RAD23 homolog A	Rad23a	mmu:19358	
2108	-0.0975	-0.0000	-0.1517	0	Q92T11	AP-3 complex subunit beta-1	Ap3b1	mmu:11774	
2109	-0.0706	-1.0095	-0.4964	0	Q9QKE7	F-box-like/WD repeat-containing protein TBL1X	Tbl1x	mmu:21372	
2110	0.1639	-0.4226	-0.0782	0	Q96R25	Protein strawberry notch homolog 1	Sbn1	mmu:59025	
2111	-0.2238	-0.1678	-1.4527	0	Q61735	Leukocyte surface antigen CD47	Cd47	mmu:16423	
2112	-0.0536	0.6347	0.6303	0	Q35639	Annexin A3;Annexin	Anxa3	mmu:11745	
2113	-0.1318	0.3066	-0.1849	0	Q8OTP3	E3 ubiquitin-protein ligase UBR5	Ubr5	mmu:70790	
2114	-0.0111	0.6606	-0.5204	0	S4R1W5		Rbm6	mmu:19654	1
2115	-0.4368	0.4116	0.0579	0	Q99M28	RNA-binding protein with serine-rich domain 1	Rnps1	mmu:19826	
2116	-0.2479	-0.6891	0.1022	0	P31230	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1;Endothelial monocyte-act	Aimp1	mmu:14688	
2117	0.2847	-0.4677	-0.0695	0	P62874	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	Gnb1;Gnb	mmu:14688	
2118	-0.4807	-0.2555	0.3655	0	Q9CX56	26S proteasome non-ATPase regulatory subunit 8	Psm8	mmu:57296	
2119		-0.3445	-0.1419	0	Q3UJX4		Srsf11	mmu:69207	
2120	-0.5687	-0.1576	-0.0888	0	Q9VJUM4	Coronin-1C	Coro1c	mmu:23790	
2121	-0.0688	0.2106	0.3718	0	P70152	Vimentin	Vim	mmu:22352	
2122	-0.1643	-0.2228	0.1676	0	P48036	Annexin A5	Anxa5	mmu:11747	
2123	-0.2110	-1.0570	0.2801	0	Q9EPK6	Nucleotide exchange factor SIL1	Sil1	mmu:81500	
2124	-0.5635	0.4688	0.2911	0	P52480	Pyruvate kinase PKM	Pkm	mmu:18746	
2125	0.1811	-0.2751	0.0951	0	P80313	T-complex protein 1 subunit eta	Cct7	mmu:12468	
2126	-0.5810	-0.1381	0.3687	0	Q9ER38	Torsin-3A	Tor3a	mmu:30935	
2127	-0.0000	-0.1804	-0.2840</						

2132	-0.0726	-0.0726	-0.0483	-0.0201
2133	-0.6585	-0.0846	-0.5750	-0.0390
2134	-0.2111	-0.9355	-0.4374	-0.0390
2135	-0.4404	-0.0996	-0.5589	-0.0390
2136	-0.1241	-0.1114	-0.0887	-0.0488
2137	-0.0000	-0.0000	-0.1763	-0.0488
2138	-0.1494	-0.1374	-0.2301	-0.0488
2139	-0.2161	-0.2288	-0.3366	-0.0426
2140	-0.0000	-0.0000	-0.3119	-0.0426
2141	-0.1534	-0.8186	-0.2111	-0.0426
2142	-0.0000	-0.1042	-0.3676	-0.0426
2143	-0.0556	-0.2762	-0.0863	-0.0426
2144	-0.0000	-0.3893	-0.1857	-0.0426
2145	-0.4735	-0.5475	-0.2927	-0.0426
2146	-0.3205	-0.1734	-0.1419	-0.0426
2147	-0.0681	-0.0000	-0.4219	-0.0426
2148	-0.5061	-0.3561	-0.4309	-0.0426
2149	-0.0000	-0.6833	-0.2075	-0.0426
2150	-0.3704	-0.2659	-0.3556	-0.0426
2151	-0.5334	-0.9010	-0.3077	-0.0426
2152	-0.7001	-0.0000	-0.1168	-0.0426
2153	-0.5720	-0.7333	-0.4252	-0.0426
2154	-0.1227	-0.2110	-0.7592	-0.0426
2155	-0.2278	-0.0000	-0.0000	-0.0426
2156	-0.2606	-0.3472	-0.6706	-0.0426
2157	-0.4465	-0.8038	-0.1507	-0.0426
2158	-0.0000	-0.3119	-0.0688	-0.0426
2159	-0.0579	-0.2022	-0.1362	-0.0426
2160	-0.9073	-0.1538	-0.3695	-0.0426
2161	-0.6464	-0.3045	-0.3670	-0.0426
2162	-0.4139	-0.2128	-0.0426	-0.0426
2163	-0.1924	-0.1909	-0.2456	-0.0426
2164	-0.0000	-0.0941	-0.0427	-0.0426
2165	-0.6333	-0.0000	-0.0000	-0.0426
2166	-0.0000	-0.1275	-0.4524	-0.0426
2167	-0.4139	-0.0000	-0.3376	-0.0426
2168	-0.3865	-0.7333	-0.0000	-0.0426
2169	-0.1929	-0.9174	-0.5207	-0.0426
2170	-0.0000	-0.1139	-0.0641	-0.0426
2171	-0.5714	-0.3726	-0.4222	-0.0426
2172	-0.2687	-0.1203	-0.1961	-0.0426
2173	-0.0661	-0.3025	-0.0426	-0.0426
2174	-0.3034	-0.2715	-0.7795	-0.0426
2175	-0.2116	-0.2848	-0.0896	-0.0426
2176	-0.1397	-0.3027	-0.0000	-0.0426
2177	-0.1511	-0.3200	-0.0426	-0.0426
2178	-0.2411	-0.3038	-0.0641	-0.0426
2179	-0.1269	-0.3870	-0.1034	-0.0426
2180	-0.5448	-0.0000	-0.2396	-0.0426
2181	-0.2352	-0.1533	-0.4015	-0.0426
2182	-0.1231	-0.5456	-0.9101	-0.0426
2183	-0.1880	-0.1265	-0.2203	-0.0426
2184	-0.3291	-0.1971	-0.3368	-0.0426
2185	-0.1062	-0.3544	-0.3560	-0.0426
2186	-0.5134	-0.4181	-0.6167	-0.0426
2187	-0.2740	-0.4344	-0.3287	-0.0426
2188	-0.1596	-0.3070	-0.1707	-0.0426
2189	-0.3581	-0.0000	-0.0000	-0.0426
2190	-0.1537	-0.2216	-0.3946	-0.0426
2191	-0.7323	-0.0881	-0.7159	-0.0426
2192	-1.1387	-0.3613	-0.6942	-0.0426
2193	-0.2692	-0.0643	-0.6759	-0.0426
2194	-0.1167	-0.3196	-0.0627	-0.0426
2195	-0.4138	-0.1295	-1.1174	-0.0426
2196	-0.1424	-0.0831	-0.0630	-0.0426
2197	-0.2812	-1.1119	-0.6709	-0.0426
2198	-0.2130	-0.4327	-0.0000	-0.0426
2199	-0.0000	-1.2446	-0.0000	-0.0426
2200	-0.4584	-0.1431	-0.5453	-0.0426
2201	-0.3194	-0.2964	-0.2375	-0.0426
2202	-0.1534	-0.6236	-0.3556	-0.0426
2203	-0.1405	-0.1874	-0.2236	-0.0426
2204	-0.3112	-0.1213	-0.2370	-0.0426
2205	-0.0998	-0.6817	-0.2872	-0.0426
2206	-0.4095	-0.5161	-0.2611	-0.0426
2207	-0.1847	-0.0000	-0.3025	-0.0426
2208	-0.1804	-0.5358	-0.6963	-0.0426
2209	-0.1664	-0.5398	-0.4462	-0.0426
2210	-0.3873	-0.1271	-0.2996	-0.0426
2211	-0.1277	-0.5804	-0.8001	-0.0426
2212	-0.3399	-0.2474	-0.1319	-0.0426
2213	-0.2087	-1.5263	-0.7976	-0.0426
2214	-0.8232	-0.0663	-0.0780	-0.0426
2215	-0.0000	-0.0000	-0.1091	-0.0426
2216	-0.8814	-0.0786	-0.2884	-0.0426
2217	-0.0898	-0.3512	-0.5186	-0.0426
2218	-0.9846	-0.1679	-0.6326	-0.0426
2219	-0.0636	-0.0931	-0.0000	-0.0426
2220	-1.2150	-0.2804	-0.0000	-0.0426
2221	-0.1006	-0.0000	-0.3993	-0.0426
2222	-0.1324	-0.4125	-0.4961	-0.0426
2223	-0.5115	-0.3380	-0.1511	-0.0426
2224	-0.4485	-0.5168	-0.4677	-0.0426
2225	-0.3587	-0.5340	-0.5384	-0.0426
2226	-0.1403	-0.2711	-0.1881	-0.0426
2227	-0.6417	-0.0786	-0.4914	-0.0426
2228	-0.0734	-0.0000	-0.5135	-0.0426
2229	-0.5357	-0.6588	-0.1553	-0.0426
2230	-0.9586	-0.3335	-0.1138	-0.0426
2231	-0.1669	-0.9243	-0.9548	-0.0426
2232	-0.2873	-0.1383	-0.1990	-0.0426
2233	-0.0000	-0.4435	-0.2970	-0.0426
2234	-0.5028	-0.1631	-0.1515	-0.0426
2235	-0.4006	-0.3370	-0.0791	-0.0426
2236	-0.2992	-0.0888	-0.2315	-0.0426
2237	-0.4781	-0.1398	-0.6887	-0.0426
2238	-0.0000	-0.1168	-0.1278	-0.0426
2239	-0.4325	-0.1280	-0.4536	-0.0426
2240	-0.3805	-0.2882	-0.0000	-0.0426
2241	-0.0000	-0.2544	-0.0000	-0.0426
2242	-0.0890	-0.1049	-0.5020	-0.0426
2243	-0.0543	-0.4229	-0.1106	-0.0426
2244	-1.2576	-1.2182	-0.4501	-0.0426
2245	-0.0988	-0.4868	-1.1603	-0.0426
2246	-0.6780	-0.3857	-0.1347	-0.0426
2247	-0.5114	-0.7353	-0.2619	-0.0426
2248	-0.0000	-0.0000	-0.9121	-0.0426
2249	-0.0000	-0.3229	-0.1861	-0.0426
2250	-0.3536	-0.6190	-0.3662	-0.0426
2251	-0.0653	-0.8648	-0.4798	-0.0426
2252	-0.1949	-0.1371	-0.0872	-0.0426
2253	-0.4966	-0.5660	-0.2486	-0.0426
2254	-0.0439	-0.6073	-0.2802	-0.0426
2255	-0.0000	-0.3984	-0.2435	-0.0426
2256	-0.0000	-0.6086	-1.1843	-0.0426
2257	-0.4880	-0.0000	-0.4910	-0.0426

0	Q61074	Protein phosphatase 1G
0	Q64521	Glycerol-3-phosphate dehydrogenase;Glycerol-3-phosphate dehydrogenase, mitochondrial
0	Q9CQC6	Basic leucine zipper and W2 domain-containing protein 1
0	Q80Z2W	Protein THEM6
0	Q02819	Nucleobindin-1
0	Q8C156	Condensin complex subunit 2
0	P61234	26S protease regulatory subunit 10B
0	Q9DC29	ATP-binding cassette sub-family B member 6, mitochondrial
0	Q9CQW9	Interferon-induced transmembrane protein 3
0	Q77PM1	Protein PRRC2B
0	Q8CHW4	Translation initiation factor eIF-2B subunit epsilon
0	E70318	Band 4,1-like protein 2
0	G5E8V9	
0	Q9CSU0	Regulation of nuclear pre-mRNA domain-containing protein 1B
0	Q8C1C7	DNA-directed RNA polymerase II subunit RPB2
0	Q8C1C7	Bi-functional glutamate/proline-tRNA ligase;Glutamate-tRNA ligase;Proline-tRNA ligase
0	Q8BGE5	Cysteine protease ATG4B
0	Q9IIV4	Probable ATP-dependent RNA helicase DDX20
0	P63094	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas;Guanine nucleotide-binding
0	P70372	ELAV-like protein 1
0	Q90BG6	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit 2
0	Q54916	RaBP1-associated Eps domain-containing protein 1
0	Q99NH2	Partitioning defective 3 homolog
0	Q9D125	28S ribosomal protein S25, mitochondrial
0	Q8K021	Secretory carrier-associated membrane protein 1
0	P05627	Transcription factor AP-1
0	P62034	Cytosolin-2
0	R0R0C5	CAD protein;Glutamine-dependent carbamoyl-phosphate synthase;Aspartate carbamoyltransferas
0	Q91VX2	Ubiquitin-associated protein 2
0	Q92160	Conserved oligomeric Golgi complex subunit 1
0	E9Q226	
0	Q991F8	PC4 and SFRS1-interacting protein
0	P52293	Importin subunit alpha-1
0	Q8VCE2	GPN-loop GTPase 1
0	Q8B8Z5	tRNA-splicing endonuclease subunit Sen34
0	Q35572	39S ribosomal protein L23, mitochondrial
0	Q9D1M7	Peptidyl-prolyl cis-trans isomerase FKBP11
0	Q3T193	HLCS1-binding protein 3
0	Q9QY66	Golgin subfamily A member 5
0	Q8B7T2	Cleavage and polyadenylation specificity factor subunit 7
0	B9E186	Oxysterol-binding protein
0	Q8B967	ATP-dependent zinc metalloprotease YME1L1
0	P14873	Microtubule-associated protein 18;MAP1B heavy chain;MAP1 light chain LC1
0	P48678	Prelamin-A/C;Lamin-A/C
0	Q81D47	ATP-dependent RNA helicase DDX42
0	P35279	Ras-related protein Rab-6A
0	P73116	Eukaryotic translation initiation factor 3 subunit A
0	P60710	Actin, cytoplasmic 1;Actin, cytoplasmic 1, N-terminally processed
0	Q5SW09	Pre-RNA-processing protein TSR1 homolog
0	Q08810	116 kDa U5 small nuclear ribonucleoprotein component
0	R2RQ71	
0	Q8BU30	Isoleucine-tRNA ligase, cytoplasmic
0	P14576	Signal recognition particle 54 kDa protein
0	Q99M08	Uncharacterized protein C4orf3 homolog
0	Q8B958	Glucosamine-6-phosphate isomerase 1
0	A6H619	PHD and RING finger domain-containing protein 1
0	Q9R3X4	Eukaryotic translation initiation factor 3 subunit M
0	Q8R271	Craniofacial development protein 1
0	Q8R311	CTAGE family member 5;Melanoma inhibitory activity protein 2
0	Q9R1Q9	V-type proton ATPase subunit S1
0	P53026	Ribosomal protein;60S ribosomal protein L10a
0	Q8CFCT	CLK4-associated serine/arginine rich protein
0	Q9D2G2	Dihydrolypolysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase com
0	Q8OUU7	Mannosyl-oligosaccharide glucosidase
0	P11983	T-complex protein 1 subunit alpha
0	Q6B9H9	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1
0	Q01320	DNA topoisomerase 2-alpha
0	Q9Q512	
0	Q924K8	Metastasis-associated protein MTA3
0	Q9CQJ4	E3 ubiquitin-protein ligase RING2
0	P70671	Interferon regulatory factor 3
0	Q91YQ5	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase subunit 1
0	Q62167	ATP-dependent RNA helicase DDX3X;Putative ATP-dependent RNA helicase P110
0	Q61550	Double-strand-break repair protein rad21 homolog
0	P78037	T-complex protein 1 subunit zeta
0	Q8B929	Pyruvate dehydrogenase protein X component, mitochondrial
0	Q8B0C7	Anaphase-promoting complex subunit 2
0	Q6C011	Podoplanin
0	Q8K3H0	DCC-interacting protein 13-alpha
0	Q921M3	Splicing factor 3B subunit 3
0	Q61753	D-3-phosphoglycerate dehydrogenase
0	Q8CH02	SURP and G-patch domain-containing protein 1
0	Q3UJCL	Tax1-binding protein 1 homolog
0	Q6P4T2	U5 small nuclear ribonucleoprotein 200 kDa helicase
0	Q92289	Sperm-specific antigen 2 homolog
0	P63154	Crooked neck-like protein 1
0	Q09005	Sphingolipid delta(4)-desaturase DES1
0	Q9IIV4	Cytoplasmic dynein 1 heavy chain 1
0	Q99186	Methionine adenosyltransferase 2 subunit beta
0	Q8CG47	Structural maintenance of chromosomes protein;Structural maintenance of chromosomes
0	Q8C1J3	E3 UFM1-protein ligase 1
0	Q555Z5	Tensin-3
0	P06151	L-lactate dehydrogenase;L-lactate dehydrogenase A chain
0	Q9CQ79	Thioredoxin domain-containing protein 9
0	Q8K224	Condensin complex subunit 1
0	Q8B9V7	COP9 signalosome complex subunit 8
0	Q8B0C7	Prostaglandin H synthase 3
0	Q99K48	Non-POU domain-containing octamer-binding protein
0	Q9CX34	Suppressor of G2 allele of SKP1 homolog
0	Q9DBX2	Phosducin-like protein
0	Q8R570	Synaptosomal-associated protein 47
0	P51943	Cyclin-A2
0	Q3UJ29	Leucine-rich repeat flightless-interacting protein 1
0	Q8B447	Kinesin light chain 1
0	G3X922	
0	P70333	Heterogeneous nuclear ribonucleoprotein H2
0	Q9D0X1	Apoptosis-inducing factor 1, mitochondrial
0	P52825	Carnitine O-palmitoyltransferase 2, mitochondrial
0	Q91W50	CDGSH iron-sulfur domain-containing protein 1
0	Q9R0E1	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
0	Q62419	Endophilin-A2
0	Q58A65	C-Jun-amino-terminal kinase-interacting protein 4
0	Q3UHU5	Microtubule cross-linking factor 1
0	Q5U3K5	Rab-like protein 6
0	P97304	DNA-directed RNA polymerases I and III subunit RPAC2
0	Q91W50	Cold shock domain-containing protein E1
0	Q9Q411	
0	Q8C079	Striatin-interacting protein 1
0	Q8VC70	RNA-binding motif, single-stranded-interacting protein 2
0	Q8B8W0	Ubiquitin carboxyl-terminal hydrolase 38
0	Q55201	Transcription elongation factor SPT5
0	P42232	Signal transducer and activator of transcription 5B;Signal transducer and activator of transcription
0	Q8VE47	Ubiquitin-like modifier-activating enzyme 5
0	P49718	DNA helicase;DNA replication licensing factor MCM5
0	Q55166	Golgi SNAP receptor complex member 2
0	Q61425	Hydroxacyl-coenzyme A dehydrogenase, mitochondrial

Ppm1g	mmu:14208
Gpd2	mmu:14571
Bzw1	mmu:66882
Them6	mmu:223626
Nucb1	mmu:18220
NcapH	mmu:215387
Psmc5	mmu:67089
Abcb6	mmu:74104
Ifitm3	mmu:66141
Prrc2b	mmu:227723
Eif2b5	mmu:224045
Epb412	mmu:13822
Arfp1	mmu:99889
Rprdb1	mmu:70470
Polr2b	mmu:231329
Epr5	mmu:107508
Atg4b	mmu:66615
Ddx20	mmu:53975
Gnas	mmu:14683
Elavl1	mmu:15568
Rpn2	mmu:20014
Reps1	mmu:19707
Pard3	mmu:937

2258	0.2561	-0.1218	-0.1094	0.0897
2259	0.8135	0.1092	-0.3361	0.0904
2260	-0.8772	0.0500	0.7595	0.0904
2261	-0.3261	0.2040	-0.0699	0.0905
2262	-0.5831	-0.4116	-0.2509	0.0905
2263	0.5831	0.7051	-0.4092	0.0906
2264	-0.0788	-0.0048	-0.1347	0.0910
2265	-0.7336	-0.6211	-0.3634	0.0914
2266	0.4776	-0.0540	0.7316	0.0917
2267	-0.1541	-0.1281	-0.1281	0.0922
2268	0.4319	-0.2668	-0.4936	0.0925
2269	0.3449	-0.0777	-0.7891	0.0926
2270	0.4098	-0.2701	-1.1184	0.0930
2271	0.3379	-0.0549	0.3126	0.0943
2272	0.6591	-0.1000	-0.2777	0.0943
2273	-0.1148	0.6352	-0.2005	0.0945
2274	-0.1412	-0.0000	-0.0807	0.0959
2275	-0.0797	-0.0000	-0.0000	0.0962
2276	-0.2759	0.2072	-0.3850	0.0969
2277	0.1269	-0.0785	-0.2807	0.0970
2278	-0.3712	-0.1201	0.6561	0.0970
2279	0.1537	0.2519	-0.0565	0.0972
2280	-0.0971	-0.5571	0.9974	0.0973
2281	-0.3818	0.9845	-0.2001	0.0975
2282	0.6505	-0.0918	-0.0000	0.0980
2283	-0.0000	0.2306	-0.6729	0.0987
2284	-0.1006	-0.1000	-0.4727	0.0988
2285	-0.1325	-0.0335	0.2178	0.0990
2286	0.5097	-0.1046	-0.2048	0.0993
2287	1.5281	-0.5413	-1.2257	0.0994
2288	-0.0000	-0.0000	-0.0000	0.0996
2289	0.3915	0.4758	-0.0000	0.1010
2290	-0.7025	0.2207	0.2677	0.1014
2291	0.2312	-0.3374	-0.0000	0.1014
2292	-0.1682	0.1782	-0.2076	0.1019
2293	0.4228	0.4568	-0.0000	0.1031
2294	-0.2788	0.3548	-0.2345	0.1033
2295	-0.1438	-0.0000	-0.0000	0.1042
2296	-0.0500	-0.2156	0.2701	0.1045
2297	0.2698	0.3596	-0.2212	0.1048
2298	0.0763	0.1743	-0.0000	0.1050
2299	-0.3818	0.4000	-0.5007	0.1059
2300	0.3593	0.4560	-0.8524	0.1060
2301	0.4057	0.1048	-0.5113	0.1064
2302	-0.1368	0.5148	-0.5791	0.1064
2303	0.6097	0.6298	-0.3148	0.1064
2304	-1.9084	-0.1741	-0.5602	0.1076
2305	-0.0000	1.0752	-0.2636	0.1077
2306	-0.2174	-0.0000	-0.0000	0.1082
2307	-0.2013	-0.0593	0.3652	0.1085
2308	0.2547	-0.3295	0.0828	0.1086
2309	0.7006	-0.5258	-0.2038	0.1086
2310	-0.0000	-0.0000	-0.0000	0.1087
2311	0.0928	-0.1890	-0.7581	0.1089
2312	-0.1157	-0.3280	-0.0000	0.1090
2313	0.4700	-0.2698	-1.4338	0.1098
2314	0.1687	-0.5612	-0.4330	0.1104
2315	0.1529	-0.2423	-0.0000	0.1104
2316	0.1278	-0.2309	-0.0674	0.1114
2317	0.4678	-0.0647	-0.2544	0.1117
2318	-0.1292	-0.0741	0.3716	0.1118
2319	0.1006	0.5143	-0.5805	0.1124
2320	0.4537	-0.1068	-0.2604	0.1127
2321	0.0707	-0.2594	0.4544	0.1131
2322	0.7345	-0.3136	-0.1134	0.1134
2323	-0.0598	-0.2642	-0.3381	0.1146
2324	-0.8037	-0.7648	0.2157	0.1146
2325	-0.4616	-0.3440	1.0809	0.1153
2326	-0.4054	-1.1614	0.1507	0.1159
2327	-0.3444	0.3142	-0.3473	0.1159
2328	0.1888	-0.2462	-0.3123	0.1163
2329	-0.1335	0.6741	0.2519	0.1166
2330	-0.0610	-0.0000	-0.1783	0.1174
2331	-0.4699	0.0685	0.2666	0.1176
2332	0.4948	-0.4028	-0.2281	0.1179
2333	-0.5580	0.7489	0.5308	0.1183
2334	-0.1235	-0.1138	-0.1159	0.1189
2335	-0.0000	-0.5072	0.8763	0.1191
2336	0.4609	-0.0581	-0.1093	0.1196
2337	-0.0847	0.1250	-0.1700	0.1197
2338	0.0924	0.4718	-0.3114	0.1199
2339	0.5979	0.1019	-1.4203	0.1205
2340	1.4540	0.1851	-0.1218	0.1207
2341	0.0922	0.0647	-0.1940	0.1210
2342	0.3437	-0.0000	-0.4981	0.1211
2343	-0.0000	-0.1100	-0.4589	0.1211
2344	-0.2318	-0.0701	-0.6936	0.1214
2345	-0.4616	-0.0866	-0.1425	0.1216
2346	-0.0000	0.2924	-0.2644	0.1218
2347	-0.0638	0.4584	0.1504	0.1220
2348	-0.5520	0.1206	-0.0000	0.1224
2349	-0.3308	0.1610	-0.1403	0.1238
2350	1.4041	-0.1949	0.1564	0.1241
2351	-0.3846	1.8544	0.6648	0.1244
2352	0.1187	-0.0000	-0.1878	0.1245
2353	0.7709	-0.1034	-0.2729	0.1247
2354	-0.1245	-0.2420	-0.1740	0.1251
2355	-0.0000	-0.2469	-0.7734	0.1252
2356	0.4263	-0.5001	-0.5975	0.1255
2357	1.0097	-0.9218	-0.1479	0.1255
2358	-0.0957	-0.4241	0.2484	0.1257
2359	-0.2614	0.4735	-0.2849	0.1263
2360	1.3885	-0.0000	-0.6450	0.1267
2361	-0.1567	0.0000	-0.4963	0.1276
2362	-0.0000	-0.1100	-0.2649	0.1279
2363	-0.0000	-0.1100	-0.4084	0.1281
2364	-0.0849	-0.2547	-0.8918	0.1286
2365	-0.5244	-0.2409	0.3355	0.1288
2366	-0.2402	-0.0643	0.1282	0.1305
2367	-0.3011	0.1718	-0.0000	0.1307
2368	-0.0938	0.3853	-0.0839	0.1313
2369	-0.2579	0.3026	0.1341	0.1315
2370	0.2773	-0.2778	0.1447	0.1315
2371	0.5679	0.9331	-0.3025	0.1316
2372	0.1631	-0.0000	-0.2914	0.1318
2373	-0.3408	-0.0000	-0.0000	0.1318
2374	-0.1884	0.1617	-0.0884	0.1318
2375	-0.2600	0.2814	-0.0600	0.1336
2376	-0.8703	1.0440	-0.3147	0.1342
2377	0.1557	-0.2732	0.6171	0.1349
2378	-0.2726	0.2449	0.4067	0.1351
2379	-0.0517	-0.9704	1.5862	0.1352
2380	0.3481	-0.4027	0.2872	0.1354
2381	0.3606	-0.0892	0.1620	0.1356
2382	-0.2817	0.4526	-0.1053	0.1362
2383	0.3497	0.0831	-0.0934	0.1373

0	Q6PAR5	GTPase-activating protein and VP59 domain-containing protein 1
0	P14211	Calreticulin
0	Q8VC31	Coiled-coil domain-containing protein 9
0	Q8C2E7	WASH complex subunit strumpellin
0	Q60961	Lyosomal-associated transmembrane protein 4A
0	Q80253	28S ribosomal protein S26, mitochondrial
0	Q8K1M6	Dynamin-1-like protein
0	Q8CFE3	REST corepressor 1
0	A0A0A6FWB0	
0	Q921K6	E3 ubiquitin-protein ligase ARIH2
0	Q8OU35	Rho guanine nucleotide exchange factor 17
0	Q9QXK3	Coatomer subunit gamma-2
0	P27546	Microtubule-associated protein 4
0	P68510	14-3-3 protein eta
0	Q3UHH1	Zinc finger SWIM domain-containing protein 8
0	P26450	Phosphatidylinositol 3-kinase regulatory subunit alpha
0	P70353	Nuclear transcription factor Y subunit gamma
0	Q8VDN2	Sodium/potassium-transporting ATPase subunit alpha-1
0	Q35609	Secretory carrier-associated membrane protein 3
0	Q805W1	Putative adenosylhomocysteine 2
0	Q6ZPE2	Myotubularin-related protein 5
0	Q920E5	Farnesyl pyrophosphate synthase
0	Q921C5	Protein bicaudal D homolog 2
0	Q921E2	Ras-related protein Rab-31
0	Q88811	Signal transducing adapter molecule 2
0	Q8CGG3	Deubiquitinating protein VCP135
0	P54731	FAS-associated factor 1
0	Q9Q2Q1	Adafin
0	Q9CWX2	28S ribosomal protein S22, mitochondrial
0	Q9D483	DNA-directed RNA polymerase III subunit RPC3
0	P37040	NADPH-cytochrome P450 reductase
0	Q3TXS7	26S proteasome non-ATPase regulatory subunit 1
0	Q3UPF5	Zinc finger CCHC-type antiviral protein 1
0	Q88738	Baculoviral IAP repeat-containing protein 6
0	P51660	Peroxisomal multifunctional enzyme type 2;[3R]-hydroxacyl-CoA dehydrogenase;Enoyl-CoA hydratase
0	Q99963	RNA-binding protein 10
0	Q8CFE5	Sodium-coupled neutral amino acid transporter 2
0	Q88X21	Protein disulfide-isomerase TMX3
0	Q68F16	Methionine-tRNA ligase, cytoplasmic
0	Q9D2E2	Target of EGR1 protein 1
0	Q88759	Ubiquitin-protein ligase E3A
0	Q80X82	Symplekin
0	Q8CFD4	Sorting nexin-8
0	Q3TC46	Protein PAT1 homolog 1
0	P14824	Annexin A6
0	Q97984	60S ribosomal protein L22
0	P17809	Solute carrier family 2, facilitated glucose transporter member 1
0	Q88G30	Negative elongation factor A
0	Q68F05	Clathrin heavy chain;Clathrin heavy chain 1
0	Q922Y1	UBX domain-containing protein 1
0	Q88122	Transducin-like enhancer protein 3
0	Q99YV4	TraB domain-containing protein
0	Q7TT37	Elongator complex protein 1
0	P41216	Long-chain-fatty acid-CoA ligase 1
0	P23138	Furin
0	Q99P99	Tripartite motif-containing protein 16
0	P60122	RuB-like 1
0	P81117	Nucleobindin-2;Nesfatin-1
0	Q59178	Mitimin, mitochondrial
0	Q88HX9	DNA excision repair protein ERCC-6-like
0	Q55WU9	Acetyl-CoA carboxylase 1;Biotin carboxylase
0	Q9E800	Syntaxin-12
0	Q88L80	Rho GTPase-activating protein 22
0	Q99X03	Golgi reassembly-stacking protein 2
0	Q9J067	Coiled-coil domain-containing protein 22
0	Q924W5	Structural maintenance of chromosomes protein 6
0	Q8K490	pre-mRNA 3' end processing protein WDR33
0	Q5A962	Barrier-to-autointegration factor;Barrier-to-autointegration factor, N-terminally processed
0	P57746	V-type proton ATPase subunit D
0	Q99N88	Ubiquitin-4
0	P54775	26S proteasome regulatory subunit 6B
0	P39054	Dynamin-2
0	P10852	4F2 cell-surface antigen heavy chain
0	Q88WY9	Protein CIP2A
0	Q9J128	Protein flightless-1 homolog
0	P11431	Activated RNA polymerase II transcriptional coactivator p15
0	Q8C059	Metalloreductase STEAP3
0	Q35344	Importin subunit alpha-4
0	Q05C18	La-related protein 7
0	Q9WUP7	Ubiquitin carboxyl-terminal hydrolase isozyme L5
0	Q6ZQ88	Lysine-specific histone demethylase 1A
0	Q99K00	Vacuole membrane protein 1
0	Q922K7	Probable 28S rRNA (cytosine-C(5))-methyltransferase
0	Q70503	Very-long-chain 3-oxoacyl-CoA reductase
0	Q922B2	Aspartate-tRNA ligase, cytoplasmic
0	P59516	V-type proton ATPase catalytic subunit A
0	Q6Z351	Transferrin receptor protein 1
0	Q88H24	Transmembrane 9 superfamily member 4
0	Q9QXK7	Cleavage and polyadenylation specificity factor subunit 3
0	P58771	Tropomyosin alpha-1 chain
0	Q88736	3-keto-steroid reductase
0	P97855	Ras GTPase-activating protein-binding protein 1
0	Q9D0C1	E3 ubiquitin-protein ligase RNF115
0	Q3TA68	
0	P6Z245	40S ribosomal protein S15a
0	Q80YV2	Nuclear-interacting partner of ALK
0	Q8K2V1	Serine/threonine-protein phosphatase 4 regulatory subunit 1
0	P35579	60S ribosomal protein L12
0	Q6WK28	E3 ubiquitin-protein ligase UBR2
0	P00405	Cytochrome c oxidase subunit 2
0	P61202	COP9 signalosome complex subunit 2
0	Q7TPV4	Myb-binding protein 1A
0	P00375	Dihydrofolate reductase
0	Q8BLF1	Neutral cholesterol ester hydrolase 1
0	Q8VHX6	Filamin-C
0	P51174	Long-chain specific acyl-CoA dehydrogenase, mitochondrial
0	Q91VK1	Basic leucine zipper and W2 domain-containing protein 2
0	P14685	26S proteasome non-ATPase regulatory subunit 3
0	Q3UPL0	Protein transport protein Sec31A
0	Q9EP18	Importin-7
0	Q6Z383	Transcription elongation factor SPT6
0	Q98049	E3 ubiquitin-protein ligase AMFR
0	Q920P4	Paralemm-1
0	P27659	60S ribosomal protein L3
0	Q42567	Epidermal growth factor receptor substrate 15
0	P63837	DnaI homolog subfamily A member 1
0	P91Y87	Pre-mRNA-processing factor 6
0	Q61990	Polyl(C)-binding protein 2
0	Q80Z96	Vang-like protein 1
0	Q6NKL1	
0	Q3TH22	Myosin regulatory light chain 12B
0	Q8K3D3	DNA repair protein SWI5 homolog
0	P70206	Plexin-A1
0	Q91WV0	Protein Dr1
0	Q9QX70	Protein canopy homolog 2
0	Q8K1N4	NuDC domain-containing protein 3

Gapvd1	mmu:66691	
Calr	mmu:12317	
Ccdc9	mmu:243846	
Kiaa0196	mmu:223593	
Laptm4a		
Mrps26	mmu:99045	
Dnm1l	mmu:74006	
Rcor1	mmu:217864	
Mbn1l		
Arlh2	mmu:23807	
Arhgef17	mmu:207212	1
Cogp2	mmu:54160	
Map4	mmu:17758	
Ywhah	mmu:22629	
Zswim8	mmu:268721	
Plk3r1	mmu:18708	
Nlfc	mmu:18046	
Atp1a1	mmu:11928	
Scamp3	mmu:24045	
Ahcyl1	mmu:229709	
Sbf1	mmu:77980	1
Fdps	mmu:110196	
Bicd2	mmu:76895	
Rab31	mmu:106572	
Stam2	mmu:56324	
Vcpip1	mmu:70675	
Faf1	mmu:14084	
MLH4	mmu:17356	
Mrps22	mmu:64655	
Poir3c	mmu:74414	
Por	mmu:18984	
Psmid1	mmu:70247	
Zc3hav1	mmu:78781	
Birc6	mmu:12211	
Hri Hsd17b4	mmu:15488	
Rbm10	mmu:236732	
Slc38a2	mmu:67760	
Tmx3	mmu:67988	
Mars	mmu:216443	
Toe1	mmu:68276	
Ube3a	mmu:22215	1
Sympk		
Snx8	mmu:231834	
Patl1	mmu:225929	
Anxa6	mmu:11749	
Rpl22	mmu:19934	
Slc2a1	mmu:20525	
Nelfa	mmu:24116	
Ctfc	mmu:67300	
Ubnw1	mmu:225896	
Tie3	mmu:21887	
Trabd	mmu:67976	
Ikbpap	mmu:230233	
Acs1l	mmu:14081	
Furin	mmu:18550	
Trim16	mmu:94092	
Ruvbl1	mmu:56505	
Nucb2	mmu:53322	
Ndufb2	mmu:75597	
Erccll	mmu:236930	
Acaca	mmu:107476	
Stx12	mmu:100226	
Arhgap22	mmu:239027	
Gorasp2	mmu:70231	
Ccdc22	mmu:54638	
Smc6	mmu:67241	
Wdr33	mmu:74320	
Banf1	mmu:23825	
Atp6v1d	mmu:73834	
Ubeqin4	mmu:94232	
Psmc4	mmu:23996	
Dnm2	mmu:13430	1
Slc3a2	mmu:17254	
C330027C1	mmu:224171	
Fili	mmu:14248	
Sub1	mmu:20024	
Steap3	mmu:68428	
Kpna3	mmu:16648	
Larp7	mmu:28036	
Uchl5	mmu:56207	
Kdm1a	mmu:99982	
Vmp1	mmu:75909	
Ncp2		
Hsd17b12	mmu:56348	
Dars	mmu:226414	
Atp6v1a	mmu:11964	
Tfrc	mmu:22042	
Tm9sf4	mmu:99237	
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Tpm1	mmu:22003	1
Hsd17b7	mmu:15490	
G3bp1	mmu:27041	
Rnf115	mmu:67845	1
Wdr36		
Rps15a	mmu:267019	
Zc3hc1	mmu:232679	1
Ppp4r1	mmu:70351	
Rpl12	mmu:269261	
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Mtco2	mmu:17709	
Cps2	mmu:12848	
Mybbp1a	mmu:18432	
Dhr	mmu:13361	
Nceh1	mmu:320024	
Finc	mmu:68794	
Acadl	mmu:11363	
Bzw2	mmu:66912	
Psmid3	mmu:22123	
Sec31a	mmu:69162	
Ipo7	mmu:233726	
Supt6h	mmu:20926	
Anfr	mmu:23802	
Palm	mmu:18483	1
Rpl3	mmu:27367	
Eps15	mmu:13858	
Dnaja1	mmu:15502	
Prpf6	mmu:68879	
Pcbp2	mmu:18521	
Vangl1	mmu:229658	
Sec24d	mmu:69608	
My12a2M	mmu:67938	
Swi5	mmu:73931	
Ptxa1	mmu:18844	
Dr1	mmu:13486	
Cnpy2	mmu:56530	
Nudcd3	mmu:209586	

2384	-0.0636	0.0876	0.5595	0.1375
2385	-0.0993	0.0606	-1.0745	0.1377
2386	-0.4029	-1.3506	2.3558	0.1385
2387	0.0802	0.0191	-0.0925	0.1387
2388	-0.7747	0.8157	-0.4263	0.1388
2389	-0.3652	-0.2772	0.1389	0.1387
2390	-0.2059	-0.4834	0.1773	0.1381
2391	-0.0411	-0.0830	0.3808	0.1391
2392	0.0657	-0.2085	0.1415	0.1392
2393	-0.2108	1.2730	-0.0539	0.1394
2394	-0.0001	-0.0852	0.0662	0.1397
2395	-0.3697	0.5699	0.5449	0.1398
2396	0.3053	-0.1977	0.3023	0.1403
2397	0.3807	0.1100	0.3046	0.1410
2398	-0.0000	0.3434	-0.2079	0.1415
2399	0.1001	1.6570	-0.1903	0.1416
2400	0.4582	0.8955	-0.2509	0.1417
2401	-0.0858	-0.0000	-0.3647	0.1420
2402	-0.4548	-0.0000	0.6010	0.1434
2403	-0.4472	-0.6669	1.1747	0.1436
2404	0.6518	-0.1243	0.1029	0.1443
2405	0.3197	0.0546	-0.3123	0.1444
2406	-0.0870	0.0690	1.0805	0.1444
2407	-0.1108	-0.1051	-0.0000	0.1446
2408	-0.0982	0.4165	-0.4510	0.1446
2409	0.2308	-0.1220	1.1454	0.1447
2410	-0.2403	0.2071	-0.2403	0.1447
2411	-0.2801	0.3996	0.0898	0.1449
2412	-0.4186	0.4303	0.9247	0.1454
2413	-0.1241	0.6724	-0.1029	0.1455
2414	-0.3998	0.5491	0.2017	0.1460
2415	-0.1418	0.1405	0.3019	0.1469
2416	0.2349	0.2929	0.1697	0.1485
2417	-0.9348	0.6032	-0.3849	0.1490
2418	-0.0011	0.5291	-0.0000	0.1492
2419	0.3225	0.3741	-0.1496	0.1496
2420	0.0930	0.2071	-0.3769	0.1496
2421	-0.0000	0.2017	-0.5432	0.1509
2422	-0.0532	0.8892	-0.7798	0.1509
2423	-0.0000	0.5571	-0.1844	0.1517
2424	0.2252	-0.0676	0.0984	0.1520
2425	-0.7172	0.2743	0.0961	0.1520
2426	0.2605	-0.1476	-0.3018	0.1523
2427	1.2798	0.6984	-1.0398	0.1524
2428	0.4325	0.1388	-0.0907	0.1531
2429	-0.1078	0.3499	-0.2145	0.1532
2430	1.5847	0.1378	-0.6449	0.1537
2431	0.1998	0.4827	-0.2269	0.1544
2432	0.2407	-0.5121	-0.1953	0.1548
2433	-0.0780	0.3702	-1.0811	0.1554
2434	0.1688	0.8273	-0.3739	0.1558
2435	-0.0639	0.0508	0.1499	0.1558
2436	-0.2750	0.4406	-0.0000	0.1561
2437	-0.1659	0.2202	-0.0946	0.1562
2438	-0.0000	-0.0000	0.1027	0.1566
2439	-0.5086	0.3749	-0.0000	0.1572
2440	-0.4668	0.3749	-0.3089	0.1573
2441	-0.1593	0.8907	-1.5706	0.1574
2442	-0.0830	0.4451	-1.0170	0.1576
2443	-0.1883	0.6796	-0.3385	0.1576
2444	-0.2356	0.4442	-0.7041	0.1580
2445	-1.1641	-0.0000	1.5228	0.1582
2446	0.3460	-0.4572	-0.3348	0.1583
2447	-0.7199	0.5759	-0.2421	0.1588
2448	-0.0576	-0.4342	-0.4250	0.1591
2449	-0.5951	0.1149	-0.3886	0.1591
2450	-1.0238	-0.1149	-1.4108	0.1598
2451	-0.0000	-0.1041	-0.2500	0.1599
2452	-0.2196	-0.0947	0.3612	0.1601
2453	-0.3270	-0.0796	0.2497	0.1607
2454	-0.0000	0.1558	-0.0000	0.1611
2455	-0.0000	0.2597	-0.3156	0.1611
2456	0.1989	0.4269	-0.8051	0.1614
2457	-0.0593	-0.1842	0.1872	0.1615
2458	-0.5255	-0.1215	-0.1781	0.1616
2459	-0.0000	0.1254	-0.1464	0.1623
2460	-0.1254	0.3415	-0.3529	0.1628
2461	-0.0000	-0.0000	-0.3629	0.1629
2462	-0.3851	0.7234	0.0969	0.1625
2463	-0.2514	-0.4976	0.6005	0.1630
2464	-0.1887	-0.0931	0.3149	0.1640
2465	-0.3233	0.4014	0.3115	0.1644
2466	-0.2870	0.1341	0.1567	0.1646
2467	-0.2481	-0.3906	0.4833	0.1656
2468	-0.2274	-0.1081	0.6787	0.1658
2469	-0.1442	-0.2102	-0.0000	0.1660
2470	-0.3532	-0.0000	-0.3262	0.1666
2471	-0.9646	-0.2021	-0.1127	0.1668
2472	-0.2286	-0.2048	-0.3489	0.1671
2473	-0.0000	-0.2223	0.1506	0.1676
2474	0.2675	-0.2084	0.3831	0.1681
2475	0.7245	-0.3785	0.0712	0.1693
2476	0.0691	-0.3787	-0.1554	0.1697
2477	0.2664	-0.0000	0.4649	0.1698
2478	-0.2811	0.7400	-0.3974	0.1703
2479	-0.0193	0.2684	-0.6605	0.1707
2480	-0.1892	-0.6768	-0.3740	0.1710
2481	-0.1314	-0.3065	0.3339	0.1712
2482	-0.2668	0.2811	-0.0513	0.1722
2483	0.1712	-0.8521	0.3268	0.1741
2484	-0.1843	-0.4230	0.6493	0.1746
2485	-0.0741	0.5615	0.0680	0.1747
2486	-0.3898	0.0413	0.3518	0.1748
2487	-0.1006	-0.0000	0.9478	0.1756
2488	0.9372	-0.0000	-0.0848	0.1763
2489	1.2314	-0.2305	-0.4789	0.1763
2490	-0.0000	-0.0000	-0.1105	0.1765
2491	-0.0000	-0.0000	0.2245	0.1766
2492	-0.3406	-0.0932	1.1108	0.1769
2493	0.4430	-0.3418	0.1217	0.1770
2494	0.0000	-0.3501	0.4791	0.1771
2495	-0.0000	0.3383	0.3341	0.1771
2496	0.5594	-0.0000	-0.2770	0.1775
2497	-0.1492	0.5384	0.1916	0.1777
2498	-0.1776	0.1093	-0.0000	0.1779
2499	-0.2640	-0.0888	-0.4602	0.1783
2500	-0.7880	-0.5633	-0.5763	0.1784
2501	-0.3039	-0.1471	1.4045	0.1784
2502	0.5214	-0.4798	0.5471	0.1785
2503	0.3451	-0.0000	-0.0000	0.1786
2504	-0.6883	0.1836	0.4284	0.1789
2505	-0.0709	0.1967	-0.0889	0.1796
2506	-0.0000	0.2138	-0.3260	0.1797
2507	-0.2920	0.4221	0.2467	0.1808
2508	-0.0941	-0.0700	-0.2860	0.1815
2509	-0.7019	0.4268	-0.0000	0.1818

0	Q9CVD2	Ataxin-3
0	Q9J1C2	Sodium/myo-inositol cotransporter
0	Q920Q4	Vacuolar protein sorting-associated protein 16 homolog
0	Q99N89	39S ribosomal protein L43, mitochondrial
0	P62331	ADP-ribosylation factor 6
0	P22347	Prostaglandin G/H synthase 1
0	Q9P601	U5 small nuclear ribonucleoprotein 40 kDa protein
0	Q9BWW6	NEDD8-activating enzyme E1 regulatory subunit
0	Q09KV5	Chromodomain-helicase-DNA-binding protein 8
0	Q61103	Zinc finger protein ubi-d4
0	Q35704	Serine palmitoyltransferase 1
0	Q91267	SUT-ROBO Rho GTPase-activating protein 2
0	Q35226	26S proteasome non-ATPase regulatory subunit 4
0	P55937	Golgin subfamily A member 3
0	Q8V0I3	Vigilin
0	Q9R0H0	Peroxisomal acyl-coenzyme A oxidase 1
0	Q9ESU6	Bromodomain-containing protein 4
0	P35293	Ras-related protein Rab-18
0	P57776	Elongation factor 1-delta
0	Q9CR98	Protein FAM136A
0	Q90CL8	Protein phosphatase inhibitor 2
0	P21107	Tropomyosin alpha-3 chain
0	Q9WUK2	Eukaryotic translation initiation factor 4H
0	P18872	Guanine nucleotide-binding protein (G <i>o</i>) subunit alpha
0	Q04750	DNA topoisomerase 1
0	Q9C528	Diphthine- α -ammonia ligase
0	Q38172	Oxysterol-binding protein 1
0	Q8R605	Heterogeneous nuclear ribonucleoprotein A3
0	Q35621	Phosphomannomutase 1/Phosphomannomutase
0	Q78K21	Up-regulated during skeletal muscle growth protein 5
0	D3YK11	Atherin
0	Q320M9	
0	Q88KC5	Importin-5
0	Q9CXC3	Mitochondrial genome maintenance exonuclease 1
0	Q92024	Heterogeneous nuclear ribonucleoproteins C1/C2
0	P54126	DNA mismatch repair protein Msh6
0	P49717	DNA replication licensing factor MCM4
0	Q92101	Eukaryotic translation initiation factor 3 subunit G
0	Q35295	Transcriptional activator protein Pur-beta
0	P46414	Cyclin-dependent kinase inhibitor 1B
0	Q35K15	Coatomer subunit delta
0	Q62093	Serine/arginine-rich splicing factor 2
0	Q9CR26	Vacuolar protein sorting-associated protein VTA1 homolog
0	Q88R72	CDKN2A-interacting protein
0	Q8V0D8	WAS protein family homolog 1
0	Q8V0M6	Heterogeneous nuclear ribonucleoprotein U-like protein 1
0	Q3CPD0	Nucleoplasmin-3
0	Q31079	Protein phosphatase 1 regulatory subunit 21
0	Q91Y66	Importin-9
0	Q99LD9	Translation initiation factor eIF-2B subunit beta
0	Q80X98	
0	Q8QZ11	Eukaryotic translation initiation factor 3 subunit L
0	P53994	Ras-related protein Rab-2A
0	Q64010	Adapter molecule crk
0	P62196	26S protease regulatory subunit 8
0	P38036	T-complex protein 1 subunit epsilon
0	Q70133	ATP-dependent RNA helicase A
0	P62806	Histone H4
0	P42669	Transcriptional activator protein Pur-alpha
0	Q9ER64	Oxysterol-binding protein/Oxysterol-binding protein-related protein 5
0	P42859	Huntingtin
0	Q9D7E4	UPF0449 protein C19orf25 homolog
0	E9Q1M6	
0	Q9J119	Acidic fibroblast growth factor intracellular-binding protein
0	Q8H7Q2	Ubiquitin carboxyl-terminal hydrolase CYLD
0	G60634	Fliotilin-2
0	Q9CQ71	Replication protein A 14 kDa subunit
0	Q3U406	Pachytene checkpoint protein 2 homolog
0	P19096	Fatty acid synthase/[Acyl-carrier-protein] S-acetyltransferase/[Acyl-carrier-protein] S-malonyltransf
0	Q9QZM0	Ubiquitin-2
0	Q35286	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15
0	P97310	DNA replication licensing factor MCM2
0	Q88539	Myc box-dependent-interacting protein 1
0	Q8R1U1	Conserved oligomeric Golgi complex subunit 4
0	P01897	H-2 class I histocompatibility antigen, L-D alpha chain
0	Q61881	DNA replication licensing factor MCM7
0	Q60658	Heterogeneous nuclear ribonucleoprotein D0
0	P50544	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
0	Q9C500	Cactin
0	Q9ES75	Acidic leucine-rich nuclear phosphoprotein 32 family member 8
0	P60843	Eukaryotic initiation factor 4A-1
0	Q88569	Heterogeneous nuclear ribonucleoproteins A2/B1
0	Q80892	Syntenin-1
0	Q8VE88	Protein FAM114A2
0	Q9JH17	Exosome complex component RRP45
0	Q88MA6	Signal recognition particle subunit SRP68
0	P94094	ADP-ribosylation factor 5
0	Q8VEH3	ADP-ribosylation factor-like protein 8A
0	Q9C585	
0	Q9QZES	Coatomer subunit gamma-1
0	Q61035	Histidine-tRNA ligase, cytoplasmic
0	P50247	Adenosylhomocysteinase
0	Q8VBX6	Multiple PDZ domain protein
0	Q57119	Aldehyde dehydrogenase family 16 member A1
0	Q9CWK3	CD2 antigen cytoplasmic tail-binding protein 2
0	Q92139	Cell division control protein 45 homolog
0	Q60953	Protein PML
0	Q88R84	Melanoma inhibitory activity protein 3
0	Q88NU0	Armaddillo repeat-containing protein 6
0	Q9CY62	E3 ubiquitin-protein ligase RNF181
0	Q8K3W0	BRCA1-A complex subunit BRE
0	Q9CQV4	Protein FAM134C
0	Q9JIF7	Coatomer subunit beta
0	Q8BU03	Periodic tryptophan protein 2 homolog
0	P40212	Adenylyl cyclase-associated protein 1
0	Q313P7	Rho guanine nucleotide exchange factor 40
0	Q8R0X7	Sphingosine-1-phosphate lyase 1
0	Q8VB79	Tether containing UBX domain for GLUT4
0	P47857	ATP-dependent 6-phosphofructokinase, muscle type
0	Q8R5H1	Ubiquitin carboxyl-terminal hydrolase 15
0	Q9DAD0	Calponin-3
0	Q9JMD0	BUB3-interacting and GLEBS motif-containing protein ZNF207
0	Q9CZD3	Glycine-tRNA ligase
0	Q99M11	ELKS/Rab6-interacting/CAST family member 1
0	P33811	DNA polymerase alpha subunit B
0	Q64152	Transcription factor BTF3
0	Q8R497	Serine/arginine-rich splicing factor 7
0	Q8R0X2	CDK2-associated and cullin domain-containing protein 1
0	Q8OC03	Tripartite motif-containing protein 47
0	Q50117	Phosphatase and actin regulator 4
0	Q80XQ2	TBC1 domain family member 5
0	Q64674	Spermidine synthase
0	Q7J113	Bromodomain-containing protein 2
0	Q8K4Q8	Collectin-12
0	Q9D8W5	26S proteasome non-ATPase regulatory subunit 12
0	Q9D4H8	Cullin-2

Atxn3	mmu:110616
Slc5a3	mmu:53881
Vps16	
Mrlp43	
Arf6	mmu:11845
Ptgs1	mmu:19224
Strap40	mmu:66585
Nae1	mmu:234664
Chd8	mmu:67772
Dpl2	mmu:19708
Sptlc1	mmu:268656
Srgap2	mmu:14270
Psmad4	mmu:19185
Golga3	mmu:269682
Hdbp	mmu:110611
Acov1	mmu:11430
Brd4	mmu:57261
Rab18	mmu:19330
Eef1d	mmu:66656

2510	0.6646	-0.1522	-0.1328	0.1823
2511	0.1267	0.1583	-0.1267	0.1824
2512	1.5548	0.3302	-1.0401	0.1825
2513	-0.5953	-0.0707	0.2777	0.1831
2514	0.6589	-0.4238	0.1920	0.1834
2515	-0.2557	-0.0771	0.4328	0.1839
2516	-0.0048	-0.2788	0.3117	0.1845
2517	-0.4290	-0.1537	0.2940	0.1842
2518	-0.0024	-0.1914	0.1843	0.1843
2519	0.0862	-0.1174	0.0928	0.1848
2520	-0.3161	0.3378	-1.1697	0.1853
2521	-0.1180	0.2809	0.0952	0.1856
2522	0.9137	0.4682	-0.5912	0.1865
2523	-0.3255	0.2592	0.2504	0.1866
2524	-0.5791	0.0688	0.2090	0.1872
2525	-0.4418	-0.2048	0.5557	0.1873
2526	-0.6322	-1.2479	0.3906	0.1877
2527	-0.0546	1.5476	0.4646	0.1880
2528	0.3190	0.4646	-0.3641	0.1882
2529	0.1393	0.6543	-0.3025	0.1883
2530	0.3132	-0.1907	-0.6325	0.1891
2531	-0.2877	0.0823	0.1703	0.1896
2532	-0.0178	0.4559	-0.5286	0.1907
2533	0.9513	0.2687	-1.5758	0.1922
2534	1.0931	1.6422	-0.4825	0.1949
2535	-0.5881	-0.2842	0.5137	0.1949
2536	-0.4552	1.1655	0.4658	0.1952
2537	-0.2641	0.0348	-0.4027	0.1954
2538	0.3227	0.3832	-0.1814	0.1956
2539	0.0446	-0.0788	-0.1858	0.1957
2540	-0.2431	0.0664	-0.1523	0.1962
2541	1.3317	0.6838	-1.5986	0.1965
2542	-0.3507	0.7454	0.1851	0.1984
2543	0.0626	-0.0705	-0.1007	0.1989
2544	0.2647	-0.0705	0.1104	0.1989
2545	-0.2630	-0.3055	-0.0729	0.1990
2546	-0.0448	-0.0788	-0.2127	0.1991
2547	-0.2758	0.3505	0.6247	0.1996
2548	0.5628	0.5941	-0.4248	0.2007
2549	0.1268	0.2279	-0.0521	0.2010
2550	-0.5864	-0.1070	0.1883	0.2013
2551	-0.3087	0.2678	0.1120	0.2014
2552	-0.2728	0.5235	0.1057	0.2031
2553	-0.1045	0.0901	-0.1880	0.2034
2554	-0.1045	0.0901	-0.1880	0.2037
2555	-0.1817	-0.2829	-0.2048	0.2048
2556	0.2632	0.4598	-0.1550	0.2047
2557	0.0970	-0.1402	-0.1231	0.2054
2558	0.1701	-1.1126	0.7211	0.2056
2559	-0.1435	-0.3024	0.3024	0.2067
2560	0.7682	-0.2785	0.2829	0.2085
2561	0.1244	-0.1571	0.0508	0.2087
2562	0.2551	0.0769	0.0703	0.2096
2563	-0.3588	0.3592	-0.0782	0.2101
2564	0.0889	0.5519	-0.2505	0.2101
2565	-0.0000	0.5970	0.0187	0.2107
2566	-0.1473	0.5621	-0.1785	0.2108
2567	0.5133	-0.1823	-0.0000	0.2110
2568	-0.0000	0.9038	-0.0956	0.2111
2569	-0.0900	-0.7502	1.1473	0.2115
2570	-0.1246	1.3387	0.5251	0.2117
2571	0.4083	0.3429	-0.5012	0.2124
2572	-0.4861	0.2571	0.5048	0.2126
2573	0.2454	0.3632	-0.3954	0.2132
2574	-0.2109	-0.1088	-0.6144	0.2144
2575	-0.2255	0.8156	-0.3254	0.2145
2576	-0.1101	-0.2458	-0.2887	0.2147
2577	-0.0641	-0.0927	-0.0148	0.2148
2578	-0.7193	-0.2953	0.3630	0.2158
2579	0.6231	0.2081	-0.2091	0.2167
2580	0.3652	-0.0101	-0.4545	0.2168
2581	-0.2941	-0.5474	0.2573	0.2172
2582	0.6300	-0.2587	0.3341	0.2174
2583	0.0707	-0.3864	0.3635	0.2176
2584	0.1747	-0.0850	0.2287	0.2179
2585	0.1022	-0.0570	0.6928	0.2181
2586	0.9300	-0.3788	0.2186	0.2186
2587	-0.1973	-0.2363	0.1090	0.2186
2588	-0.3269	-0.0000	0.3354	0.2189
2589	-0.3721	0.5217	0.7257	0.2204
2590	-0.1050	0.9276	-0.0000	0.2207
2591	-0.0000	0.4530	0.3182	0.2218
2592	-0.0832	0.7865	0.2749	0.2228
2593	0.5229	-0.3527	0.4888	0.2237
2594	0.0957	-0.1538	-0.1167	0.2245
2595	-0.3421	0.3114	-0.1771	0.2250
2596	-0.0988	-0.3685	0.3685	0.2260
2597	0.5043	0.4547	-0.0738	0.2251
2598	-0.6935	1.2502	-0.1704	0.2256
2599	0.2059	0.8520	-0.1806	0.2257
2600	0.0788	-0.5695	-0.6281	0.2268
2601	-0.1473	0.8794	-1.0381	0.2268
2602	-0.0000	0.1419	-0.4022	0.2269
2603	2.2196	-0.5814	0.7383	0.2273
2604	-0.0248	-0.1465	-0.0000	0.2275
2605	-0.0000	-0.1269	-0.0000	0.2276
2606	-0.1139	0.6138	-0.5403	0.2285
2607	-0.1344	0.5707	0.3084	0.2308
2608	-0.1357	0.7198	0.9984	0.2319
2609	-0.0720	0.4193	0.2504	0.2320
2610	-0.0872	0.0431	-0.2471	0.2323
2611	0.2465	0.7571	-0.2155	0.2323
2612	-0.2336	-0.0000	0.3778	0.2332
2613	0.0600	-0.2028	-0.0000	0.2341
2614	0.1455	-0.1747	0.3901	0.2351
2615	-0.3845	-0.0000	0.3389	0.2355
2616	-0.0000	-0.1628	0.3269	0.2369
2617	-0.0536	0.3379	0.2930	0.2374
2618	0.2859	0.2384	-0.2077	0.2374
2619	-0.3775	-0.0000	-0.1331	0.2381
2620	-0.2582	-0.7246	0.8448	0.2399
2621	0.1282	0.7318	-0.1395	0.2399
2622	-0.0000	1.0389	0.0507	0.2406
2623	0.3173	0.6944	-0.3924	0.2417
2624	-0.8107	0.0924	0.2029	0.2420
2625	-0.0000	-0.4314	-0.4314	0.2440
2626	-0.3726	0.6785	-0.1474	0.2441
2627	-1.1910	0.6355	-0.2754	0.2459
2628	0.0942	0.0639	-0.0000	0.2461
2629	-0.1838	0.9411	0.4848	0.2468
2630	0.4783	-0.0939	-0.0000	0.2472
2631	0.1266	-0.7061	-0.0000	0.2487
2632	-0.0826	0.0640	-0.2781	0.2489
2633	-0.0000	-0.5107	-0.0000	0.2491
2634	0.3045	-0.0000	-0.0562	0.2494
2635	-0.1047	0.4915	0.4574	0.2498

0	Q6NVG1	Lysophospholipid acyltransferase LPCAT4
0	P56546	C-terminal-binding protein 2
0	Q9WU28	Prefoldin subunit 5
0	O55022	Membrane-associated progesterone receptor component 1
0	Q9JHP8	Chromatin accessibility complex protein 1
0	Q91WK0	Leucine-rich repeat flightless-interacting protein 2
0	O29945	Eukaryotic translation initiation factor 2 subunit 2
0	Q9CQW2	ADP-ribosylation factor-like protein 8B
0	P23242	Gap junction alpha-1 protein
0	P63017	Heat shock cognate 71 kDa protein
0	P10833	Ras-related protein R-Ras
0	A6H523	Exocyst complex component 68
0	Q9D7J4	Cytochrome c oxidase protein 20 homolog
0	Q9JHU0	Tropomodulin-3
0	P43883	Perilipin-2
0	Q8WV74	Anamorsin
0	Q83C05	DNA-directed RNA polymerase
0	P62960	Nuclease-sensitive element-binding protein 1
0	Q8R0G7	Protein spinstor homolog 1
0	Q8BYA0	Tubulin-specific chaperone D
0	Q9EQ28	DNA polymerase delta subunit 3
0	Q62189	U1 small nuclear ribonucleoprotein A
0	P60060	Protein transport protein Sec61 subunit gamma
0	Q9Z0H4	CUGBP Elav-like family member 2
0	Q9WV77	E3 ubiquitin-protein ligase RLM
0	Q8RLN0	Zinc finger protein 830
0	Q8U078	Pumilio homolog 1
0	Q6A098	
0	P46938	Transcriptional coactivator YAP1
0	Q8VEE4	Replication protein A 70 kDa DNA-binding subunit;Replication protein A 70 kDa DNA-binding subunit
0	O54940	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2
0	Q8CC12	Codanin-1
0	P27208	Small nuclear ribonucleoprotein-associated protein 8;Small nuclear ribonucleoprotein-associated
0	P08113	Endoplasmic
0	Q99J10	Protein dyx-30 homolog
0	Q6P9B4	PEST proteolytic signal-containing nuclear protein
0	Q70152	Dolichyl-phosphate mannosyltransferase subunit 1
0	Q62433	Protein NDRG1
0	P17047	Lysosome-associated membrane glycoprotein 1
0	Q9J179	Phosphorylated adapter RNA export protein
0	Q8CFI0	E3 ubiquitin-protein ligase NEDD4-like
0	Q8H547	Vesicle-trafficking protein SEC22b
0	P56183	Ribosomal RNA processing protein 1 homolog A
0	P80318	T-complex protein 1 subunit gamma
0	Q9D024	Coiled-coil domain-containing protein 47
0	Q292182	Large proline-rich protein BAG6
0	P17170	Hexokinase-Hexokinase-1
0	P35123	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 4
0	Q8R3H9	Tetratricopeptide repeat protein 4
0	P70398	Ubiquitin carboxyl-terminal hydrolase;Probable ubiquitin carboxyl-terminal hydrolase FAF-X
0	P46978	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A
0	Q31V55	Zinc finger CCH domain-containing protein 15
0	P97311	DNA replication licensing factor MCM6;DNA helicase
0	Q8C4Y3	Negative elongation factor 8
0	Q8C2E4	Pentatricopeptide repeat-containing protein 1, mitochondrial
0	Q35343	Importin subunit alpha-3
0	Q8R817	Gem-associated protein 5
0	Q8K0V4	CCRA-NOT transcription complex subunit 3
0	P97333	Neurophilin-1
0	Q9D6Y9	1,4-alpha-glucan-branching enzyme
0	P6Y616	
0	Q70439	Syntaxin-7
0	Q9D0L8	mRNA cap guanine-N7 methyltransferase
0	Q8C011	Alkylidihydroxyacetonephosphate synthase, peroxisomal
0	Q44P22	Endothelin-converting enzyme 1
0	Q61749	Translation initiation factor eIF-2B subunit delta
0	Q9CQ08	Maspin
0	Q62418	Drebrin-like protein
0	Q8C095	Oxysterol-binding protein;Oxysterol-binding protein-related protein 11
0	Q60605	Myosin light polypeptide 6
0	Q37022	FA5-associated factor 2
0	Q5NCJ0	
0	Q6P8X1	Sorting nexin-6;Sorting nexin-6, N-terminally processed
0	Q78HU7	Glycophorin-C
0	P97452	Ribosome biogenesis protein BOP1
0	Q66138	Calcium-binding protein 39
0	Q8C650	Cilia- and flagella-associated protein 36
0	Q8H529	Calpain-2 catalytic subunit
0	Q5SW19	Clustered mitochondria protein homolog
0	Q9D110	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2
0	Q8R2X4	Splicing regulatory glutamine/lysine-rich protein 1
0	Q35658	Complement component 1 Q subcomponent-binding protein, mitochondrial
0	Q70475	UDP-glucose 6-dehydrogenase
0	Q70591	Prefoldin subunit 2
0	B2R054	Plexin-B2
0	Q51734	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
0	Q6P9V8	
0	Q8R415	CCRA-NOT transcription complex subunit 10
0	P63038	Translationally-controlled tumor protein
0	Q8CH25	SABF-like transcription modulator
0	Q9CWI3	BRCA2 and CDKN1A-interacting protein
0	P28659	CUGBP Elav-like family member 1
0	Q9CQF9	Prenylcysteine oxidase
0	Q9CR57	60S ribosomal protein L14
0	Q8B033	Acetolactate synthase-like protein
0	Q91W52	Transmembrane protein 19
0	Q9WU01	STIP1 homology and U box-containing protein 1
0	Q8R727	Mannose-1-phosphate guanylttransferase beta
0	P25976	Nuclear transcription factor 1
0	Q8R1A4	Dedicator of cytokinesis protein 7
0	Q8C053	Cdc42-interacting protein 4
0	Q6ZWY9	Histone H2B type 1-C/E/G;Histone H2B type 2-B;Histone H2B type 1-H;Histone H2B type 1-M
0	G3X9X1	
0	P35562	Calnexin
0	Q692R2	E3 ubiquitin-protein ligase HECTD1
0	Q8B0J9	Membrane-associated progesterone receptor component 2
0	Q70435	Proteasome subunit alpha type 3
0	Q9D0Z5	Eukaryotic translation initiation factor 3 subunit K
0	P28660	Nck-associated protein 1
0	Q9ERK4	Exportin-2
0	Q5SVR0	TBC1 domain family member 9B
0	Q8K3A9	75K snRNA methylphosphate capping enzyme
0	Q91ZR2	Sorting nexin;Sorting nexin-18
0	Q9QWH1	Polyhomeotic-like protein 2
0	CD109	antigen
0	Q8H0D5	Myosin-9
0	P13705	DNA mismatch repair protein Msh3
0	Q35239	Tyrosine-protein phosphatase non-receptor type 9
0	Q692N7	Myoferlin
0	P54823	Probable ATP-dependent RNA helicase DDX6
0	Q64211	Bcl-2-like protein 1
0	F8VQ05	
0	Q8VE97	Serine/arginine-rich splicing factor 4
0	P26516	26S proteasome non-ATPase regulatory subunit 7
0	Q8B0Y1	26S proteasome non-ATPase regulatory subunit 5
0	Q6G099	Probable ATP-dependent RNA helicase DDX58

Lpcat4	mmu:99010
Ctbp2	mmu:13017
Pfdn5	mmu:56612
Pgrmc1	mmu:53328
Chrac1	mmu:93696
Lrrfip2	mmu:71268
Ef3a2	mmu:67204
Ar18b	mmu:67166
Gja1	mmu:14609
Hspa8	mmu:15481
Rras	mmu:20130
Exoc6b	mmu:75914
Cox20	mmu:66359
Tmod3	mmu:50875
Plin2	mmu:11520
Capn1	mmu:109006
Poli3a	mmu:218832
Ybx1	mmu:22608

2636	-0.0535	-0.0616	-0.3662	0.2498
2637	-0.4939	0.8130	1.0233	0.2498
2638	-0.3653	-0.4247	1.1945	0.2506
2639	-0.3691	0.1054	0.6525	0.2506
2640	-0.5411	0.1022	0.8217	0.2521
2641	-0.0902	0.0124	0.0046	0.2521
2642	-0.0668	-0.5348	-0.4003	0.25324
2643	-0.3617	-0.1965	-0.3657	0.2524
2644	0.4673	-0.5370	-0.5832	0.2533
2645	0.5485	-0.1592	-0.4043	0.2537
2646	0.0712	-0.0597	0.1398	0.2544
2647	-0.2283	0.6786	0.4000	0.2548
2648	-0.1976	-0.1434	0.7119	0.2556
2649	-0.6029	0.8092	0.9915	0.2561
2650	0.1252	-0.0835	0.5114	0.2567
2651	-0.2410	-0.0000	0.4001	0.2571
2652	-0.0866	0.3336	0.4038	0.2571
2653	-0.3984	-0.0000	-0.2157	0.2571
2654	-0.6508	-0.2121	1.1724	0.2573
2655	-0.4487	0.3216	0.2381	0.2577
2656	-0.1611	0.6151	0.8862	0.2583
2657	-0.0834	0.2247	-0.1807	0.2584
2658	-0.1506	0.1881	-0.1333	0.2590
2659	-0.0546	-0.3247	0.1110	0.2592
2660	-0.2719	0.3281	-0.0538	0.2600
2661	-0.2176	0.2708	-0.0825	0.2600
2662	-0.4127	0.3043	-0.0000	0.26047
2663	-0.0688	-0.0404	0.6758	0.2605
2664	-0.1183	0.3403	0.4336	0.2618
2665	-0.2243	-0.1318	0.3780	0.2620
2666	0.0864	0.2847	-0.0000	0.2624
2667	0.6904	0.2089	-0.0173	0.2628
2668	-0.6096	0.1754	0.5274	0.2630
2669	0.3709	0.0716	-0.0408	0.2647
2670	0.6118	-0.3258	-0.0000	0.2651
2671	-0.0029	-0.3905	-0.1545	0.2664
2672	-0.0769	0.5905	-0.0000	0.2671
2673	-0.0424	0.7438	-0.5941	0.2681
2674	-0.4060	0.3065	-0.0241	0.2701
2675	0.5364	0.0635	-0.1884	0.2706
2676	-0.2500	-0.6693	0.1948	0.2712
2677	0.6676	-0.3700	0.4502	0.2717
2678	0.2321	0.1046	-0.5650	0.2719
2679	0.3598	-0.1898	-0.0000	0.2722
2680	-0.2871	0.6349	-0.5807	0.2726
2681	0.7118	-0.1185	-0.1878	0.2728
2682	0.3034	0.1438	-0.2218	0.2738
2683	-0.4981	-0.0000	-0.3902	0.2731
2684	-0.3307	0.1704	-0.0747	0.2735
2685	-0.3241	-0.1541	0.1347	0.2738
2686	-0.0000	1.8652	-0.7218	0.2743
2687	-0.8857	-0.0597	0.5791	0.2749
2688	-0.2082	0.5800	0.1588	0.2752
2689	-0.4060	0.0574	0.3562	0.2753
2690	0.0998	0.2577	-0.0907	0.2761
2691	0.4030	0.7187	-0.1180	0.2762
2692	-0.3690	0.8388	-0.1788	0.2765
2693	-0.8546	0.1343	-0.1976	0.2774
2694	-0.1105	0.5662	-0.0000	0.2778
2695	1.9507	0.7314	-0.9296	0.2791
2696	-0.2582	0.2267	-0.3510	0.2800
2697	0.3874	0.4049	-0.1783	0.2805
2698	0.1662	-0.0357	-0.0000	0.2813
2699	-0.3957	0.0705	0.4892	0.2814
2700	-0.3975	0.3484	0.2685	0.2815
2701	-0.0688	0.9271	-0.0889	0.2819
2702	0.4731	-0.0808	-0.3581	0.2827
2703	-0.4853	-0.0840	0.1069	0.2827
2704	-0.0823	0.1936	0.4413	0.2834
2705	-1.3410	1.0147	1.1190	0.2841
2706	0.3017	-0.0000	-0.0836	0.2844
2707	-0.1963	0.9388	0.5508	0.2848
2708	0.3699	-0.5730	0.1874	0.2850
2709	-0.5037	-0.1487	0.1340	0.2851
2710	0.1123	-0.1023	-0.6680	0.2854
2711	0.8859	0.2188	-0.5485	0.2855
2712	-0.8191	-0.0000	-0.1080	0.2857
2713	1.3100	-0.1961	-0.1000	0.2869
2714	0.4269	0.2244	-0.1474	0.2870
2715	-0.1275	0.1406	0.2486	0.2871
2716	-0.0557	-0.9183	0.3713	0.2873
2717	1.8015	1.3518	-0.4356	0.2877
2718	-0.0000	0.3459	-0.2202	0.2889
2719	0.2207	0.9025	-0.3531	0.2900
2720	0.4163	-0.0646	0.1397	0.2901
2721	0.7900	-0.1098	-0.6714	0.2906
2722	-0.0000	1.1082	-0.5789	0.2906
2723	-1.1581	0.3635	-0.3532	0.2908
2724	-0.4552	0.1821	-0.1246	0.2911
2725	-0.5615	0.3089	-0.1653	0.2914
2726	-0.3386	-0.8164	0.3478	0.2917
2727	-0.8030	0.6658	0.5536	0.2918
2728	-0.0667	0.0903	0.4443	0.2950
2729	-0.1022	0.9923	-0.0707	0.2958
2730	-0.2879	0.4706	-0.5737	0.2959
2731	-0.1228	0.7312	-0.1185	0.2965
2732	-0.2756	0.3805	-0.9189	0.2971
2733	-0.0000	-0.3303	-0.1305	0.2985
2734	-0.9101	0.9387	0.7886	0.2985
2735	0.0938	0.4434	-0.2336	0.2996
2736	0.5582	1.4563	-0.1479	0.3000
2737	-0.0000	0.8785	-0.1248	0.3008
2738	0.2889	-0.9585	0.6199	0.3011
2739	0.2853	-0.0000	-0.1478	0.3016
2740	-0.2348	-0.1877	-0.2670	0.3027
2741	-0.0285	-0.1091	0.4328	0.3028
2742	-0.1421	-0.2386	0.4965	0.3051
2743	-0.3457	-0.4381	1.1316	0.3066
2744	-0.4787	-0.7569	-0.0000	0.3069
2745	-0.0000	-0.0000	0.7149	0.3072
2746	-0.1812	-0.0904	0.3195	0.3075
2747	0.2779	0.6225	-0.2025	0.3080
2748	0.1339	0.2497	-0.3157	0.3106
2749	0.2436	0.7561	-0.6356	0.3109
2750	0.1581	-0.1470	-0.3373	0.3130
2751	-0.2786	0.1674	-0.4328	0.3133
2752	-0.1376	0.2855	1.2977	0.3133
2753	-0.5296	-0.7237	0.5451	0.3124
2754	-0.2544	-0.2479	0.4946	0.3125
2755	-0.1183	0.1313	-0.6704	0.3125
2756	0.4117	0.4756	-0.1778	0.3130
2757	-0.8693	0.3594	0.1008	0.3148
2758	-0.0880	-0.4803	0.6172	0.3155
2759	1.2093	-0.4043	-0.0782	0.3170
2760	0.5821	0.1446	-0.4269	0.3185
2761	1.3304	0.8565	-1.1345	0.3185

0	QBW75	Importin-4
0	QB8051	
0	Q35623	BET1 homolog
0	Q99KN9	Clathrin interactor 1
0	Q3YU17	Nicalin
0	Q35226	26S proteasome non-ATPase regulatory subunit 4
0	Q9D824	Pre-mRNA 3'-end processing factor FIP1
0	Q9CXF4	TBC1 domain family member 15
0	Q9QXAS	U6 snRNA-associated Sm-like protein Lsm4
0	Q9CZP5	Mitochondrial chaperone BC51
0	Q3TIR3	Syembryn-A
0	P84104	Serine/arginine-rich splicing factor 3
0	Q6P844	Tyrosine-protein phosphatase non-receptor type 23
0	Q9QY36	N-alpha-acetyltransferase 10
0	Q9D8U8	Sorting nexin-5
0	Q6PFQ7	Ras GTPase-activating protein 4
0	Q9J1I8	60S ribosomal protein L38
0	Q9J106	Histone deacetylase 1/Histone deacetylase
0	Q9D8T7	SRA stem-loop-interacting RNA-binding protein, mitochondrial
0	P84078	ADP-ribosylation factor 1/ADP-ribosylation factor 3
0	Q3U1A2	Rho GTPase-activating protein 17
0	Q61235	Beta-2-syntrophin
0	Q8R366	Immunoglobulin superfamily member 8
0	A2AWA9	Rab GTPase-activating protein 1
0	Q8R1X6	Spartin
0	Q95029	Cotactin subunit beta
0	Q8R4F7	CDP-diacylglycerol-glycerol 3-phosphate 3-phosphatidyltransferase, mitochondrial
0	B9E180	
0	P53386	Monocarboxylate transporter 1
0	P20108	Thioredoxin-dependent peroxide reductase, mitochondrial
0	Q8R870	Vacuolar protein sorting-associated protein 13C
0	E9Q5K9	YTH domain-containing protein 1
0	Q9EPC1	Alpha-parvin
0	Q6NVF4	DNA helicase B
0	Q8R850	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A
0	Q2P7J1	A-kinase anchor protein 9
0	P63071	Ras-related protein R-Ra2
0	Q55F07	Insulin-like growth factor 2 mRNA-binding protein 2
0	Q921F4	Heterogeneous nuclear ribonucleoprotein L-like
0	Q2Y0W2	Protein misato homolog 1
0	P63011	Ras-related protein Rab-3A
0	Q3T0X8	tRNA (guanine(26)-N(2))-dimethyltransferase
0	Q9D880	Mitochondrial import inner membrane translocase subunit TIM50
0	Q8C318	Protein HGH1 homolog
0	Q8R3V5	Endophilin-B2
0	Q35543	AP-1 complex subunit beta-1
0	Q8R784	Treacle protein
0	P19426	Negative elongation factor E
0	Q9D8V0	Minor histocompatibility antigen H13
0	Q88544	COP9 signalosome complex subunit 4
0	Q5XG71	Small subunit processome component 20 homolog
0	Q921G8	Gamma-tubulin complex component 2
0	Q3UYV9	Nuclear cap-binding protein subunit 1
0	Q9JIC8	AP-3 complex subunit mu-1
0	P11688	Integrin alpha-5/integrin alpha-5 heavy chain/integrin alpha-5 light chain
0	Q8R8C2	Probable lysosomal cobalamin transporter
0	Q8R667	Protein ERF3 homolog A
0	Q921Q7	Ras and Rab interactor 1
0	Q99P97	E3 ubiquitin-protein ligase TRIM33
0	Q8R8H0	Histone deacetylase complex subunit SAP130
0	P51150	Ras-related protein Rab-7a
0	Q99LDA	COP9 signalosome complex subunit 1
0	Q9QJUM	Proteasome subunit alpha type-6
0	Q89079	Cotactin subunit epsilon
0	E9QAE3	
0	P97450	ATP synthase-coupling factor 6, mitochondrial
0	Q8C384	Vacuolar protein sorting-associated protein 53 homolog
0	Q922D4	Serine/threonine-protein phosphatase 6 regulatory subunit 3
0	Q8C129	Leucyl-cystinyl aminopeptidase
0	Q80785	DOB1 and CUL4-associated factor 5
0	G3XK93	Brefeldin A-inhibited guanine nucleotide-exchange protein 1
0	P45700	Mannosyl-oligosaccharide 1,2-alpha-mannosidase 1A/alpha-1,2-Mannosidase
0	B9EKI3	TATA element modulatory factor
0	Q8C547	HEAT repeat-containing protein 58
0	Q55N20	Girdin
0	Q99N94	35S ribosomal protein L9, mitochondrial
0	Q99526	Surfactin locus protein 2
0	Q6QFX2	Anthrax toxin receptor 2
0	Q6NVF9	Cleavage and polyadenylation specificity factor subunit 6
0	Q7TQ95	Protein lunapark
0	Q9D852	Tumor protein p63-regulated gene 1-like protein
0	Q9D834	Charged multivesicular body protein 2a
0	Q9JHE7	Protein TSSC4
0	Q60596	DNA repair protein XRCC1
0	Q35593	26S proteasome non-ATPase regulatory subunit 14
0	Q55Z82	
0	Q6Q996	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform
0	P55258	Ras-related protein Rab-8A
0	Q8C878	NEDD8-activating enzyme E1 catalytic subunit
0	Q9QXD8	LIM domain-containing protein 1
0	Q8RWP8	Beta-1,4-glucuronyltransferase 1
0	Q9D8P5	UMP-CMP kinase
0	Q54825	Bystin
0	Q8R8P0	IQ calmodulin-binding motif-containing protein 1
0	Q62186	Translocon-associated protein subunit delta
0	Q66CQ19	Nodal modulator 1
0	Q92CL7	MORF4 family-associated protein 1
0	Q9WU00	Nuclear respiratory factor 1
0	Q7T513	Serine/threonine-protein phosphatase 6 regulatory subunit 1
0	P06795	Multidrug resistance protein 18/Multidrug resistance protein 1A
0	Q9R1K9	Centrin-2
0	P62996	Transformer-2 protein homolog beta
0	P70168	Importin subunit beta-1
0	Q66G75	Phosphatidylglycerophosphatase and protein-tyrosine phosphatase 1
0	Q9EKF7	Exportin-7
0	Q9J1I7	Ribonuclease inhibitor
0	Q91405	Protein transport protein Sec23A
0	Q8R5C5	Beta-actinin
0	P62315	Small nuclear ribonucleoprotein Sm D1
0	Q3UH06	Sorting nexin-27
0	Q99M87	DnaJ homolog subfamily A member 3, mitochondrial
0	P61924	Cotactin subunit zeta-1
0	Q92Y22	Tripartite motif-containing protein 59
0	Q991N2	Kelch-like protein 22
0	Q6P245	Eukaryotic translation initiation factor 5A/Eukaryotic translation initiation factor 5A-1
0	A2AAN8	E3 ubiquitin-protein ligase UBR4
0	Q6P566	UBX domain-containing protein 7
0	Q6D0D3	Protein SCAF8
0	Q9D0D5	General transcription factor IIE subunit 1
0	Q920R9	Fatty acid desaturase 2
0	Q640N1	Adipocyte enhancer-binding protein 1
0	Q8R1U2	Tetraspanin/Tetraspanin-9
0	Q3TZX8	Polynucleotide 5'-hydroxyl-kinase NOL9
0	Q9D7A8	Armadio repeat-containing protein 1
0	Q9JY91	DNA mismatch repair protein Mlh1
0	Q9QY73	Transmembrane protein 59

	mmu:75751		
Atf7			
Bet1	mmu:12068		
Clint1			
Ncln			
Psmd4	mmu:19185		
Fip11	mmu:66899		
Tbcl15	mmu:66687		
Lsm4	mmu:50783		
Bcs1l	mmu:66821		
Ric8a	mmu:101489		
Srsf3	mmu:20383		
Ptpn23	mmu:104831	1	
Naa10	mmu:56292		
Smx5	mmu:69178		
Rasa4	mmu:54153		
Rpl38	mmu:67671		1
Hdac1,6m	mmu:433759		
Slpr	mmu:380773		
Arf1,Arf3	mmu:11840		
Arhgap17	mmu:70497		
Sntb2	mmu:20650		
igsf8	mmu:140559		
Rabgap1	mmu:227800		
Spg20	mmu:229285		
Copb2	mmu:50797		
Gps1	mmu:74451		
Pdzd8	mmu:107368		
Sic16a1	mmu:20501	1	
Prcb3	mmu:11757		
Vps13c	mmu:320528		
Ythdc1	mmu:231386		
Parva	mmu:57342		
Helb	mmu:117599		
Gspt1	mmu:14852		
Akap9	mmu:100986		
Rras2	mmu:66922		
Igf2bp2	mmu:319765		
Hmnp1l	mmu:72692		
Mstc1	mmu:229524		
Rab3a	mmu:19339		
Trmt1	mmu:212528		
Timm50	mmu:66525	1	
Hgh1	mmu:59053		
Sh3glb2	mmu:227700		
Ap1b1	mmu:11764		
Tcof1	mmu:21453		
Nelfe	mmu:27632		
H13,Hm13	mmu:14950		
Cops4	mmu:26891		
Utp20			
Tubgcp2	mmu:74237		
Ncbp1	mmu:433702		
Ap3m1	mmu:55946		
Itga5	mmu:16402		
Lmbrd1	mmu:68421		
Efr3a	mmu:76740		
Rin1	mmu:225870		
Trin33	mmu:94093		1
Spt130	mmu:269043		
Rab7a	mmu:19349		
Gps1			
Psm1a6	mmu:26443		
Cope	mmu:59042		
Btaf1	mmu:107182		
Atp5j	mmu:11957		
Vps53	mmu:68299		
Ppp6r3	mmu:52036		
Lnpep	mmu:240028		
Dcaf5	mmu:320808	1	
Arfge1	mmu:211673		
Man1a1,M	mmu:17155		
Tmf1	mmu:232286		
Heat5b	mmu:320473		
Ccdc88a	mmu:108686		
Mirp9	mmu:78523		
Surf2	mmu:20931		
Antr2	mmu:71914		
Cpsf6	mmu:432508		
Lnp	mmu:69605		
Tprg11,Tpr	mmu:67808		
Chmp2a	mmu:68953		
Tssc4	mmu:56844		
Xrcc1	mmu:22594		
Psmd14	mmu:59029		
Tpm1			
Ppp2r5c	mmu:26931		
Rab8a	mmu:17274		
Uba3	mmu:22200		
Lmd1	mmu:29806		
Bgat1	mmu:108902		
Cmpk1	mmu:66588		
Bysl	mmu:53414		
lqcbl2	mmu:320299		
Srsr4	mmu:20832		
Nmof1	mmu:211548		
Mromp1,6n	mmu:67568		
Nrf1	mmu:18181		
Ppp6r1	mmu:243819		
Abcb1b,Ab	mmu:18669		
Cate2	mmu:26370	1	
Trab2	mmu:20462		
Igknb1	mmu:16211		
Ptgm1	mmu:66461		1
Xpo7	mmu:65246		
Rnh1	mmu:107702		
Sect3a	mmu:20334		
Actr1b	mmu:226977		
Snrpd1	mmu:20641		
Snx27	mmu:76742		
Dnaaj3	mmu:83945		
Cop1	mmu:56447		
Trim59	mmu:66949		
Kif125	mmu:224023		1
Elf5a	mmu:276770		
Ubr4	mmu:69116		1
Ubxen7			
Sca8	mmu:106583		
Gt2e1	mmu:74197		
Fads2	mmu:56473		
Aebp1	mmu:11568		
Tspan9	mmu:109246		
Nol9	mmu:74035		
Armc1	mmu:74252		
Mlh1	mmu:17350		
Tmem59	mmu:56374		

2762	0.2867	0.8577	0.3196
2763	2.4139	0.9034	0.3199
2764	-1.0672	0.2345	0.3211
2765	-0.0175	0.2698	0.3226
2766	0.6446	0.1818	0.3230
2767	-0.0786	0.8532	0.3234
2768	-0.0988	0.8798	0.3240
2769	0.4106	-0.3619	0.3247
2770	0.0952	0.6530	0.3253
2771	0.4240	0.5886	0.3261
2772	0.5143	0.3779	0.3273
2773	-0.0918	0.0537	0.3280
2774	0.6849	0.0960	0.3311
2775	0.6063	-0.4987	0.3313
2776	-0.2535	0.8085	0.3322
2777	0.2045	-0.3465	0.3327
2778	-0.0548	0.8788	0.3333
2779	0.4341	1.0238	0.3339
2780	0.3889	0.3246	0.3337
2781	-0.3556	0.0723	0.3341
2782	-0.2253	-0.1231	0.3343
2783	0.0940	0.5610	0.3347
2784	-0.6268	1.2601	0.3352
2785	-0.1030	0.1838	0.3357
2786	0.2166	-0.2815	0.3374
2787	0.0938	-0.4785	0.3377
2788	0.1640	1.2372	0.3379
2789	1.0260	0.5801	0.3384
2790	-0.3874	0.9877	0.3398
2791	-0.8083	0.4324	0.3405
2792	-0.1153	0.1501	0.3408
2793	0.2195	-0.1431	0.3414
2794	-0.2768	0.1019	0.3420
2795	0.5065	-0.1237	0.3447
2796	0.4932	-0.4524	0.3455
2797	-0.4689	0.3498	0.3462
2798	-0.4924	0.7078	0.3465
2799	-0.7009	0.6560	0.3469
2800	0.2688	-0.1544	0.3478
2801	0.0784	0.3331	0.3483
2802	0.7291	0.1549	0.3491
2803	0.3095	0.0534	0.3520
2804	-0.2968	0.8599	0.3531
2805	-1.2000	-0.2611	0.3535
2806	-0.2726	0.7818	0.3539
2807	-0.6478	-0.7772	0.3540
2808	-0.3064	-0.0789	0.3547
2809	-0.1432	-0.0948	0.3573
2810	-0.2779	-0.3694	0.3587
2811	-0.2275	0.7068	0.3589
2812	-0.2571	-0.0678	0.3601
2813	-0.2175	-0.0707	0.3612
2814	-0.2797	0.1055	0.3618
2815	0.9766	0.2274	0.3631
2816	-0.3381	-0.1051	0.3645
2817	-0.3998	0.0988	0.3654
2818	-0.2188	-0.1007	0.3658
2819	-0.1306	-0.4719	0.3663
2820	-2.3229	0.8747	0.3663
2821	0.1824	-0.0405	0.3665
2822	0.5052	-0.1055	0.3667
2823	0.0823	-0.8156	0.3672
2824	1.0789	0.1895	0.3685
2825	-0.5132	0.0938	0.3689
2826	-0.0888	0.2576	0.3691
2827	-0.1358	-0.4182	0.3705
2828	0.6381	-0.6028	0.3721
2829	0.2229	0.7344	0.3740
2830	0.4346	0.4912	0.3755
2831	0.5054	-0.6244	0.3758
2832	-1.1106	-0.2215	0.3763
2833	0.6168	0.5032	0.3765
2834	0.1485	-0.1503	0.3768
2835	0.5505	1.1051	0.3789
2836	0.2401	0.1622	0.3772
2837	0.4047	0.8325	0.3771
2838	0.3643	-0.1615	0.3779
2839	0.4057	0.2857	0.3783
2840	0.2140	0.6406	0.3807
2841	0.7825	-0.3736	0.3842
2842	0.8340	0.5870	0.3847
2843	0.1674	-0.5377	0.3850
2844	-0.2329	-0.1423	0.3869
2845	0.3160	-0.1806	0.3879
2846	-0.0598	-0.0871	0.3883
2847	-0.3515	-0.3982	0.3883
2848	1.2332	-0.4518	0.3916
2849	-0.0588	0.8417	0.3918
2850	0.2262	-0.2206	0.3920
2851	-0.3433	0.7505	0.3936
2852	0.0311	0.2455	0.3939
2853	-0.3167	0.1833	0.3960
2854	0.4834	0.8175	0.3982
2855	-0.1625	0.3788	0.3992
2856	-2.3227	-0.1877	0.4011
2857	-0.6142	0.0028	0.4026
2858	-0.2484	0.9139	0.4036
2859	-0.1245	2.2587	0.4048
2860	0.2535	-0.0546	0.4050
2861	-0.1350	0.8694	0.4057
2862	0.1874	0.2539	0.4058
2863	0.1325	0.3954	0.4090
2864	0.8639	-0.5385	0.4096
2865	1.0127	-1.4588	0.4099
2866	0.1927	-0.4193	0.4103
2867	0.2480	-0.4147	0.4147
2868	0.7498	-0.2645	0.4151
2869	-0.5089	-0.3229	0.4134
2870	-0.1098	-0.2963	0.4169
2871	-0.8346	0.4075	0.4197
2872	-0.0940	1.7095	0.4199
2873	0.7152	0.7724	0.4204
2874	0.2257	-0.1339	0.4226
2875	1.5690	-0.1545	0.4227
2876	-0.2579	0.3794	0.4230
2877	-0.1168	0.4738	0.4231
2878	-0.5737	-0.2688	0.4231
2879	-1.3235	-0.1523	0.4241
2880	-1.0375	2.0066	0.4246
2881	-0.1266	0.6197	0.4270
2882	-0.1157	0.3659	0.4301
2883	-1.3050	0.1490	0.4336
2884	-0.7477	0.8180	0.4347
2885	0.2498	0.1708	0.4351
2886	0.6394	0.5272	0.4364
2887	0.5915	0.4424	0.4365

Q8K012	Formin-binding protein 1-like	Fbnp1l	
Q9D1M0	Protein SEC13 homolog	Sec13	mmu:110379
A8Y5H7		Sec14l1	mmu:74136
Q8B0W7	Protein LYRIC	Mtdh	mmu:67154
O08543	COP9 signalosome complex subunit 3	Cop3	mmu:26572
Q5ZKX8	Serine/arginine repetitive matrix protein 1	Srrm1	mmu:51796
Q9D0C3	Cap-specific mRNA (nucleoside-2'-O-)-methyltransferase 1	Cmt1r	mmu:74157
Q9D062	Protein transport protein Sec23b	Sec23b	mmu:27054
P97287	Induced myeloid leukemia cell differentiation protein Mcl-1 homolog	Mcl1	mmu:17210
Q9CQU1	Microfibrillar-associated protein 1	Mfap1	mmu:67532
Q6ZW22	Ubiquitin-conjugating enzyme E2 R2	Ube2r2	mmu:67615
Q9JIG8	PRA1 family protein 2	Praf2	mmu:54637
P61022	Calneurin B homologous protein 1	Chp1	mmu:56398
E9Q987		Kidins220	mmu:77480
Q60838	Segment polarity protein dishevelled homolog DVL-2	Dvl2	mmu:13543
Q8CF12	Ubiquitin-conjugating enzyme E2 R1	Cdc34	mmu:216150
P97379	Ras GTPase-activating protein-binding protein 2	G3bp2	mmu:23881
Q92381	Lariat debranching enzyme	Dbr1	mmu:83703
Q8C407	Protein YIP4	Yip4	mmu:67864
P49586	Choline-phosphate cytidyltransferase A	Pcyt1a	mmu:13026
Q35598	Disintegrin and metalloproteinase domain-containing protein 10	Adam10	mmu:11487
Q9D071	MMS19 nucleotide excision repair protein homolog	Mms19	mmu:72199
P62897	Cytochrome c, somatic	Cycs	mmu:13063
P05213	Tubulin alpha-18 chain	Tuba1b	mmu:22143
P57080	Ubiquitin carboxyl-terminal hydrolase Z5	Usp25	mmu:30940
Q8H696	ATP-dependent Clp protease proteolytic subunit, mitochondrial	Clp	mmu:53895
Q8HKT7	THO complex subunit 5 homolog	Thoc5	mmu:107829
P70257	Nuclear factor 1; Nuclear factor 1 X-type	Nfya	mmu:18032
P11881	Inositol 1,4,5-trisphosphate receptor type 1	Itpr1	mmu:16438
Q00422	GA-binding protein alpha chain	Gabpa	mmu:14390
P10923	Osteopontin	Spp1	mmu:20750
Q9D379	Epoxide hydrolase 1	Ephx1	mmu:13849
Q9Z0L0	Trophoblast glycoprotein	Tpbp	mmu:21983
Q60865	Caprin-1	Caprin1	mmu:53872
Q89110	Caspase-8;Caspase-8 subunit p18;Caspase-8 subunit p10	Casp8	mmu:12370
Q09172	Glutamate--cysteine ligase regulatory subunit	Gclm	mmu:14630
Q91YV3	Dnal homolog subfamily C member 3	Dnajc3	mmu:100037258
P60904	Dnal homolog subfamily C member 5	Dnajc5	mmu:13002
R2R8E7	OTU domain-containing protein 4	Otu4	mmu:73945
P48453	Serine/threonine-protein phosphatase;Serine/threonine-protein phosphatase 2B catalytic subunit	Ppp3cb	mmu:19056
Q88X02	KN motif and ankyrin repeat domain-containing protein 2	Kank2	mmu:235041
Q6Z038	Cullin-associated NEDD8-dissociated protein 1	Cand1	mmu:71902
Q88LN5	Lanosterol synthase	Lss	mmu:16987
Q8B0L7	Protein MON2 homolog	Mon2	mmu:67074
Q9CQE3	28S ribosomal protein S17, mitochondrial	Mrps17	mmu:66258
Q9CQJ8	28S ribosomal protein S36, mitochondrial	Mrps36	mmu:66128
Q8CPC0	Nuclear export mediator factor Nxf1	Nxf1	mmu:66244
Q9CQV7	39S ribosomal protein L41, mitochondrial	Nrpl41	mmu:107733
Q6ZQJ8	Nucleoporin NUP188 homolog	Nup188	mmu:227699
P51125	Calpastatin	Cast	mmu:12380
Q88Y71	Histone acetyltransferase type B catalytic subunit	Hat1	mmu:107435
Q8V8T0	Thioredoxin-related transmembrane protein 1	Tmx1	mmu:72736
Q61739	Integrin alpha-6;Integrin alpha-6 heavy chain;Integrin alpha-6 light chain	Itga6	mmu:16403
Q91XC0	LIM domain-containing protein ajuba	Ajuba	mmu:16475
Q70311	Glycylpeptide N-tetradecanoyltransferase 2;Glycylpeptide N-tetradecanoyltransferase	Nmt2	mmu:18108
Q4V4A2	Protein CDV3	Cdv3	mmu:321022
Q88R89	Coiled-coil and C2 domain-containing protein 1B	C22d1b	mmu:319965
Q9P9U6	Putative ATP-dependent RNA helicase DHX30	Dhx30	mmu:72831
Q6Z0M6	Serum paraoxonase/arylesterase 2	Pon2	mmu:330260
Q8VQD0	NAD-dependent protein deacetylase sirtuin-2	Sirt2	mmu:64383
Q9WV92	Band 4.1-like protein 3;Band 4.1-like protein 3, N-terminally processed	Epb41i3	mmu:13823
Q6Z422	Osteoclast-stimulating factor 1	Ostf1	mmu:20409
Q8B0J5	Ubiquitin-protein ligase E3C	Ube3c	mmu:100763
Q9Z199	Transcription elongation factor SPT4;B;Transcription elongation factor SPT4-A	Supt4hb;1	mmu:100041294
Q61411	GTPase HRas;GTPase HRas, N-terminally processed	Hras	mmu:15461
Q9CWN6	PRKR-interacting protein 1	Pkrrip1	mmu:66801
Q5ZC85	Nuclear speckle splicing regulatory protein 1	Nrspl1	mmu:237859
Q9CQV9	Multifunctional methyltransferase subunit TRM112-like protein	Ntrm12	mmu:67674
Q4VBE8	WD repeat-containing protein 18	Wdr18	mmu:216156
P17439	Glucosylceramidase	Gba	mmu:14466
A6H8H2	DENN domain-containing protein 4C	Dennd4c	mmu:329877
Q04692	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A containing 5	Smardc1	mmu:13990
Q9D085	Alpha-soluble NSF attachment protein	Napa	mmu:108124
Q8CBY3	Leukocyte receptor cluster member 8 homolog	Leng8	mmu:232798
A2R5S4	UHRF1-binding protein 1-like	Uhrf1bpl1	mmu:75089
Q9D890	Protein SMG9	Smg9	mmu:71997
P68372	Tubulin beta-4B chain;Tubulin beta-4A chain	Tubb4b;Tb	mmu:227613
Q8B6K6	Y4L amino acid transporter 2	Slc7a6	mmu:330836
Q9ZDH3	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1	Smardc1	mmu:20587
Q64008	Ras-related protein Rab-34	Rab34	mmu:19376
Q9ET30	Transmembrane 9 superfamily member 3	Tm9sf3	mmu:107358
Q8R0A0	General transcription factor IIF subunit 2	Gtf2f2	mmu:68705
A2ASR2	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	Argef2	mmu:99371
Q9CXG3	Peptidyl-prolyl cis-trans isomerase-like 4	Ppi4	mmu:67418
P99024	Tubulin beta-5 chain	Tubb5	mmu:22154
Q91WQ3	Tyrosine--tRNA ligase;Tyrosine--tRNA ligase, cytoplasmic;Tyrosine--tRNA ligase, cytoplasmic, N-ten Yars	Yars	mmu:107271
Q8CIG8	Protein arginine N-methyltransferase 5	Pnmt5	mmu:27374
Q8R480	Nuclear pore complex protein Nup85	Nup85	mmu:445007
Q9N9C3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	Ndufa10	mmu:67273
Q9CQF3	Cleavage and polyadenylation specificity factor subunit 5	Nudt21	mmu:68219
A54984	ATPase Asna1	Asna1	mmu:56495
Q3UM29	Conserved oligomeric Golgi complex subunit 7	Cog7	mmu:233824
Q3TVC7	Cyclin-D1-binding protein 1	Ccndb1	mmu:17151
P51859	Hepatoma-derived growth factor	Hdgf	mmu:15191
Q9WU29	Ectonucleoside triphosphate diphosphohydrolase 5	Entpd5	mmu:12499
Q8B551	Mitochondrial Rho GTPase 1	Rho1	mmu:59040
Q6VNB8	WD repeat and FYVE domain-containing protein 3	Wdfy3	mmu:72145
P72349	Zinc finger protein 36, C3H1 type-like 2	Zfp362	mmu:12193
Q8BQM4	HEAT repeat-containing protein 3	Heatr3	mmu:234549
Q53236	Serine/arginine-rich splicing factor 5	Srsf5	mmu:20384
Q9J139	ATP-binding cassette sub-family B member 10, mitochondrial	Abcb10	mmu:56199
Q01768	Nucleoside diphosphate kinase;Nucleoside diphosphate kinase B;Nucleoside diphosphate kinase A	Gim20390;1	mmu:18103
Q88448	Kinesin light chain 2	Klc2	
P62204	Calmodulin	Calm1	mmu:12313
Q8BHN3	Neutral alpha-glucosidase AB	Ganab	mmu:14376
Q8C2F9	Bromodomain-containing protein 3	Brd3	mmu:67382
Q9ECQ9	Protein O-GlcNAcase	Mgea5	mmu:76055
Q8BTT6	Digestive organ expansion factor homolog	Dioxf	mmu:215193
Q91V92	ATP synthase subunit gamma;ATP synthase subunit gamma, mitochondrial	Atp5c1	mmu:11949
P11103	Poly (ADP-ribose) polymerase 1	Parp1	
Q8CIV2	Membralin	Tmem259	mmu:216157
Q9C9V7	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	Ssu72	mmu:68991
Q9Z2F4	Tubulin beta-6 chain	Tubb6	mmu:67951
Q8K4Q0	Regulatory-associated protein of mTOR	Rptor	
P01895	H-2 class I histocompatibility antigen, D-D alpha chain	H2-D1	
E9Q4X2		Uggt2	mmu:66435
Q9CY94	DNA replication complex GINS protein PSF3	Gins3	mmu:78833
Q8R3P7	Clusterin-associated protein 1	Cluap1	mmu:76779
Q8W0W0	Serine/threonine-protein phosphatase 1 regulatory subunit 10	Ppp1r10	mmu:52040
Q9D6U8	Protein FAM162A	Fam162a	mmu:70186
P40336	Vacuolar protein sorting-associated protein 26A	Vps26a	mmu:30930
P28574	Protein max	Max	
Q91VH6	Protein MEMO1	Memo1	mmu:76890
P68033	Actin, alpha cardiac muscle 1;Actin, gamma-enteric smooth muscle;Actin, alpha skeletal muscle;Actin1;Actg	Act1;Actg	mmu:11464
Q6QDQ6	E3 ubiquitin-protein ligase Rnf220	Rnf220	mmu:66743
Q8V8Z3	Cleft lip and palate transmembrane protein 1 homolog	Cleftp1	mmu:56457

2888	-0.1142	-0.3378	-0.1709	-0.4992
2889	-1.4705	-0.8917	-0.2620	-0.4401
2890	-0.4499	-0.7254	-0.4810	-0.4411
2891	-1.4628	-0.3534	-3.6455	-0.4414
2892	-0.5806	-1.3969	-0.3337	-0.4447
2893	-0.6427	-0.1656	-0.2527	-0.4452
2894	-0.1334	-0.6439	-0.0889	-0.4464
2895	-0.6533	-0.3750	-0.5264	-0.4447
2896	-0.1935	-1.1188	-0.7264	-0.4447
2897	-0.2095	-0.3582	-0.1334	-0.4451
2898	-0.2640	-0.7450	-0.4554	-0.4460
2899	-1.0126	-0.9363	-0.9363	-0.4460
2900	-0.8861	-0.8138	-1.2605	-0.4464
2901	-0.3012	-0.3032	-0.3032	-0.4498
2902	-0.1347	-0.4203	-0.5518	-0.4506
2903	-0.2090	-0.4846	-0.4085	-0.4538
2904	-0.1613	-0.7245	-0.1423	-0.4531
2905	-0.2256	-0.3381	-0.1515	-0.4527
2906	-0.2098	-0.2098	-0.4023	-0.4528
2907	-0.0951	-0.6560	-0.2863	-0.4530
2908	-0.1691	-0.1002	-0.5401	-0.4579
2909	-1.2871	-0.4750	-0.5707	-0.4599
2910	-0.2270	-1.4637	-0.4253	-0.4654
2911	-0.2707	-0.1289	-0.3421	-0.4663
2912	-0.7969	-0.3111	-0.7147	-0.4685
2913	-0.3015	-0.5775	-0.4675	-0.4675
2914	-0.2778	-1.1581	-0.1753	-0.4685
2915	-0.8238	-0.1355	-0.8704	-0.4714
2916	-3.3170	-3.6184	-2.6050	-0.4720
2917	-0.5872	-0.3721	-0.0471	-0.4735
2918	-0.2104	-0.1623	-0.9682	-0.4744
2919	-0.2048	-0.1914	-0.0794	-0.4756
2920	-0.1870	-1.4753	-0.6067	-0.4785
2921	-0.5087	-0.5747	-0.8058	-0.4805
2922	-0.1372	-0.2434	-0.4831	-0.4831
2923	-0.5130	-0.2380	-0.3705	-0.4835
2924	-0.4474	-0.4839	-0.4839	-0.4839
2925	-0.4674	-0.1501	-0.4830	-0.4830
2926	-1.1354	-0.3628	-0.3218	-0.4836
2927	-0.5629	-0.1211	-0.4619	-0.4844
2928	-0.4044	-0.3325	-0.0681	-0.4863
2929	-0.4130	-0.1436	-0.3852	-0.4866
2930	-0.1325	-0.2541	-0.7923	-0.4874
2931	-0.0700	-0.2998	-0.4023	-0.4876
2932	-0.4064	-0.4877	-0.4579	-0.4888
2933	-0.2495	-0.2652	-0.7482	-0.4887
2934	-0.3806	-0.0786	-0.8584	-0.4887
2935	-0.9248	-0.7051	-1.9551	-0.4907
2936	-0.2163	-0.4414	-0.9562	-0.4908
2937	-1.9663	-0.3586	-0.3921	-0.4916
2938	-0.2025	-0.9287	-0.3158	-0.4932
2939	-0.2200	-0.2987	-0.0431	-0.4945
2940	-0.2619	-0.2261	-0.5007	-0.4949
2941	-0.4002	-0.1658	-0.1193	-0.4972
2942	-0.1476	-0.7457	-0.2940	-0.4978
2943	-0.3524	-0.6188	-0.4989	-0.4989
2944	-0.5389	-0.1513	-0.0840	-0.4990
2945	-0.4637	-0.3507	-1.0779	-0.5002
2946	-0.1197	-0.4813	-0.8148	-0.5013
2947	-0.2641	-0.0471	-0.4104	-0.5016
2948	-0.5603	-0.6107	-0.7782	-0.5046
2949	-0.2965	-0.0481	-0.3241	-0.5109
2950	-0.1485	-0.1605	-0.1618	-0.5115
2951	-0.0604	-0.5062	-0.3612	-0.5198
2952	-0.3608	-0.1924	-0.9920	-0.5249
2953	-0.1314	-0.5594	-0.4189	-0.5288
2954	-0.9679	-0.8008	-0.5281	-0.5281
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2958	-0.0411	-0.0903	-0.8322	-0.5323
2959	-0.0170	-0.8117	-0.0348	-0.5368
2960	-0.1164	-0.5611	-0.2905	-0.5370
2961	-0.3593	-0.4557	-0.0027	-0.5372
2962	-0.4798	-0.1801	-0.8275	-0.5376
2963	-0.2457	-0.7955	-0.5378	-0.5378
2964	-0.4419	-0.5926	-0.1367	-0.5379
2965	-0.6735	-0.3744	-0.3900	-0.5394
2966	-0.1463	-0.4968	-0.2381	-0.5417
2967	-0.0962	-1.3501	-0.5445	-0.5445
2968	-0.6120	-0.3234	-0.5473	-0.5446
2969	-0.9547	-0.0091	-0.2710	-0.5448
2970	-0.2846	-0.1511	-0.9009	-0.5452
2971	-0.5872	-0.2134	-0.2967	-0.5489
2972	-0.2226	-0.1301	-0.1829	-0.5534
2973	-0.4026	-0.4320	-0.4683	-0.5538
2974	-1.2358	-0.8483	-0.1595	-0.5538
2975	-0.4699	-1.5660	-0.3795	-0.5594
2976	-1.9977	-0.0983	-0.2321	-0.5609
2977	-1.0726	-0.3888	-2.3725	-0.5654
2978	-0.5095	-0.1606	-0.5671	-0.5671
2979	-0.1794	-0.0541	-1.0641	-0.5710
2980	-0.2808	-0.3466	-0.1375	-0.5712
2981	-1.9581	-0.6470	-0.7821	-0.5722
2982	-0.2972	-0.7910	-0.8984	-0.5725
2983	-0.4637	-0.9415	-0.1402	-0.5746
2984	-0.2722	-0.8721	-0.3004	-0.5842
2985	-0.1734	-0.5876	-0.7735	-0.5850
2986	-0.1325	-0.3721	-0.5854	-0.5854
2987	-0.1212	-0.2570	-0.8225	-0.5904
2988	-0.0990	-0.6525	-0.2210	-0.5905
2989	-0.2028	-0.2325	-0.9232	-0.5910
2990	-0.1316	-0.1070	-1.0858	-0.5964
2991	-0.3675	-0.8710	-0.6116	-0.5998
2992	-0.8435	-0.1004	-0.7288	-0.6048
2993	-1.1123	-0.7028	-0.3856	-0.6095
2994	-0.4188	-2.0984	-0.9310	-0.61854
2995	-0.3017	-0.4028	-0.3694	-0.6122
2996	-2.9125	-0.2444	-0.5586	-0.6174
2997	-0.4049	-0.7945	-0.7257	-0.6218
2998	-0.6420	-0.9065	-0.6239	-0.6239
2999	-0.2586	-0.4144	-0.1851	-0.6253
3000	-1.5427	-0.2656	-0.5940	-0.6253
3001	-0.2435	-0.1757	-0.3611	-0.6305
3002	-0.3324	-0.0718	-0.6273	-0.6348
3003	-0.5193	-0.0415	-1.5012	-0.6381
3004	-0.9749	-0.3534	-0.3534	-0.6381
3005	-0.2431	-0.9832	-1.5358	-0.6441
3006	-0.2981	-2.3770	-0.2539	-0.6464
3007	-1.0370	-0.2904	-0.6691	-0.6691
3008	-0.0908	-0.6776	-1.2068	-0.6711
3009	-1.0353	-0.3643	-0.5070	-0.6779
3010	-0.0917	-0.3865	-0.6845	-0.6845
3011	-0.5500	-0.0933	-0.3464	-0.6885
3012	-1.6014	-0.1793	-0.1039	-0.6875
3013	-1.0298	-0.0965	-0.2825	-0.6984

0	Q9W7X8	Mitotic spindle assembly checkpoint protein MAD1
0	A2B2E8	Ribosomal biogenesis protein LAS1L
0	Q8CH72	E3 ubiquitin-protein ligase TRIM32
0	Q8K271	NmrA-like family domain-containing protein 1
0	Q3TRM4	Neurotrophin target esterase
0	P112467	cAMP-dependent protein kinase type II-alpha regulatory subunit
0	S4R1D4	
0	Q9D8N2	Protein FAM45A
0	P61358	60S ribosomal protein L27
0	Q3UDR8	Protein YIPF3;Protein YIPF3, N-terminally processed
0	Q69257	HBS1-like protein
0	Q61333	Tumor necrosis factor alpha-induced protein 2
0	Q61771	Kinesin-like protein KIF3B;Kinesin-like protein KIF3B, N-terminally processed
0	P97742	Carnitine O-palmitoyltransferase 1, liver isoform
0	B1AY13	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 24
0	P16045	Galelectin-1
0	Q8C3Y4	Kinetochore-associated protein 1
0	Q9D6N5	Dr1-associated corepressor
0	Q09147	Hsc70-interacting protein
0	Q8B9P7	60S ribosomal protein L24
0	P63328	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
0	Q65516	Krev interaction trapped protein 1
0	Q3T1X9	U4/U6,US tri-snRNP-associated protein 2
0	Q91W86	Vacuolar protein sorting-associated protein 11 homolog
0	Q91W62	Rab GTPase-binding effector protein 2
0	Q782A7	Nucleosome assembly protein 1-like 4
0	P55120	Histone-lysine N-methyltransferase 2A;MLL cleavage product N320;MLL cleavage product C180
0	Q92217	Cytokine receptor-like factor 3
0	Q9D0R4	Probable ATP-dependent RNA helicase DDX56
0	Q88WU5	Probable tRNA N6-adenosine threonylcarbamoyltransferase
0	P14901	Heme oxygenase 1
0	Q64105	Sepiapterin reductase
0	G3X8X0	
0	O88939	Zinc finger and BTB domain-containing protein 7A
0	Q9D0M3	Cytochrome c1, heme protein, mitochondrial
0	Q25K00	Up-regulator of cell proliferation
0	Q88W72	Lysine-specific demethylase 4A
0	P52019	Squalene monooxygenase
0	Q80UK0	SEC14 domain and spectrin repeat-containing protein 1
0	Q8V0L4	ADP-dependent glucokinase
0	Q8R1F1	Niban-like protein 1
0	Q9D902	General transcription factor IIE subunit 2
0	Q9CQJ2	PIH1 domain-containing protein 1
0	Q8VU16	Splicing factor, proline- and glutamine-rich
0	Q92ZV5	Histone deacetylase 6
0	Q924K7	Kinesin-like protein
0	P97740	Serine/threonine-protein phosphatase 4 catalytic subunit
0	Q32K22	Veazatin
0	P724668	Cation-dependent mannose-6-phosphate receptor
0	Q61239	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha
0	P770459	ETS domain-containing transcription factor ERF
0	Q9W717	Unconventional myosin-1c
0	Q9WV80	Sorting nexin-1
0	T9Q137	
0	Q62470	Integrin alpha-3;Integrin alpha-3 heavy chain;Integrin alpha-3 light chain
0	Q8C0H5	Transcription initiation factor TFIIID subunit 10
0	Q8RGA0	Protein phosphatase 1F
0	Q9WTK5	Nuclear factor NF-kappa-B p100 subunit;Nuclear factor NF-kappa-B p52 subunit
0	O88545	COP9 signalosome complex subunit 6
0	Q9D1N9	39S ribosomal protein L21, mitochondrial
0	Q88YU6	Torsin-1A-interacting protein 2
0	P56135	ATP synthase subunit f, mitochondrial
0	Q9D8H5	Vesicular integral-membrane protein VIP36
0	Q8K153	Netrin receptor UNC5B
0	Q62077	Phosphoinositide phospholipase C;1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma
0	Q64085	Centrosomal protein of 170 kDa
0	Q9CQV1	Mitochondrial import inner membrane translocase subunit TIM16
0	Q88M13	Eukaryotic translation initiation factor 1A, X-chromosome;Eukaryotic translation initiation factor 1E;E1fAa;E1f1
0	Q08749	Dihydropyridyl dehydrogenase, mitochondrial
0	Q8CHG7	Rap guanine nucleotide exchange factor 2
0	P56395	Cytochrome b5
0	Q61165	Sodium/hydrogen exchanger 1
0	Q8VNC6	CD99 antigen
0	Q9QVJ0	Dnai homolog subfamily A member 2
0	Q61941	NAD(P) transhydrogenase, mitochondrial
0	Q8VCL2	Protein SCO2 homolog, mitochondrial
0	Q88746	Target of Myb protein 1
0	Q8C0D4	Rho GTPase-activating protein 12
0	P723198	Chromobox protein homolog 3
0	Q8CC56	Polyadenylate-binding protein 2
0	P35831	Tyrosine-protein phosphatase non-receptor type 12
0	Q6D1D7	Protein wntless homolog
0	Q61081	Hsp90 co-chaperone Cdc37;Hsp90 co-chaperone Cdc37, N-terminally processed
0	Q88052	Microtubule-associated protein 15;MAP15 heavy chain;MAP15 light chain
0	Q88A54	Cleft lip and palate transmembrane protein 1-like protein
0	Q9CQJ7	Integrator complex subunit 3
0	P113808	Anion exchange protein 2
0	Q09131	Glutathione S-transferase omega-1
0	Q8R003	Muscleblind-like protein 3
0	Q9QCE8	UPF0568 protein C14orf166 homolog
0	Q9D0C4	Telomere length regulation protein TEL2 homolog
0	Q8R0V1	Leucine-rich repeat-containing protein 1
0	P770670	Nascent polypeptide-associated complex subunit alpha;Nascent polypeptide-associated complex x
0	Q3UJH60	Disco-interacting protein 2 homolog B
0	Q88653	Regulator complex protein LAMTOR3
0	Q7TTP0	Integrator complex subunit 3
0	Q6G2T3	Cullin-associated NEDD8-dissociated protein 2
0	P19157	Glutathione S-transferase P 1;Glutathione S-transferase P 2
0	Q8R5Y9	Transportin-1
0	Q8R4E2	Rho guanine nucleotide exchange factor 12
0	A2A2W8	Rho guanine nucleotide exchange factor 10-like protein
0	E9QA86	
0	P61226	Ras-related protein Rap-2b
0	Q8W0V3	Carbohydrate sulfotransferase 14
0	P797363	Serine palmitoyltransferase 2
0	Q741105	60S ribosomal protein L28
0	P58R54	Gamma-tubulin complex component 3
0	Q78754	Vacuolar ATPase assembly integral membrane protein Vma21
0	Q9D1A2	Cytosolic non-specific dipeptidase
0	Q00P19	Heterogeneous nuclear ribonucleoprotein U-like protein 2
0	P81069	GA-binding protein subunit beta-2
0	P35922	Fragile X mental retardation protein 1 homolog
0	Q9D2V5	Protein AAR2 homolog
0	O88622	Poly(ADP-ribose) glycohydrolase
0	Q9D859	Oxysterol-binding protein;Oxysterol-binding protein-related protein 3
0	Q9U1C8	Sacsin
0	Q64337	Sequestosome-1
0	Q70310	Glycylpeptide N-tetradecanoyltransferase 1
0	Q92254	cGMP-dependent 3,5-cyclic phosphodiesterase
0	Q8K0C1	Importin-13
0	Q99K74	Mediator of RNA polymerase II transcription subunit 24
0	G3UW40	
0	Q9U1W9	Ras-related protein Ral-B
0	Q9EQN3	TSC22 domain family protein 4
0	Q882W8	NHL repeat-containing protein 2
0	Q4F6K6	Pre-mRNA-splicing factor 38A

Mad11l	mmu:17120
Las1l	mmu:76130
Trim32	mmu:69807
Nmr1a1	mmu:67824
Pnp1a6	mmu:50767
Pfkar2a	
Ppf1a1	
Fam5a5	mmu:67894
Rpl27	mmu:19942
Yipf3	mmu:28064
Hbs1l	mmu:56422
Tnfrap2	mmu:21928
Kif3b	mmu:16569
Cpt1a	mmu:12894
Usp24	mmu:329908
Lgals1	mmu:16852
Kntc1	mmu:208628
Str1	mmu:66556
Drc13	mmu:70356
Usp24	mmu:329908
Ppp3a	mmu:19055
Krt11	mmu:79264
Usp39	mmu:28033
Rabep2	mmu:70314
Nap14	mmu:17955
Kmt2a	mmu:214162
Crf3	mmu:54394
Ddx56	mmu:52513
Hspgp	mmu:66246
Hmx1	mmu:15368
Dh16	mmu:69192
Zbtb7a	mmu:16669
Cyc1	mmu:66445
Urgcp	mmu:72046
Kdm4a	mmu:230674
Se1e	mmu:20775
Ssd1	mmu:228071
Adg2	mmu:72141
Gtse2	mmu:68153
Ph1d1	mmu:68845
Sflq	mmu:71514
Kif13b	mmu:15554
Ppp4c	mmu:56420
Vezt	mmu:215008
Mfr	mmu:17113
Ntp1	mmu:14722
Yipf3	mmu:28064
Myo1c	mmu:17913
Sno1	mmu:56440
Tevx64	mmu:21767
Irga3	mmu:16400
Pt1f10.Gm4	mmu:24075
Ppm1f	mmu:68606
Nfb2	mmu:18034
Cops6	mmu:26893
Mpr21	mmu:353242
Tor1aip2	
Erf	mmu:57421
Lman2	mmu:66890
Unc5b	mmu:107499
Picg1	mmu:66449
Cep170	mmu:66235
Eif1a5.Eif1	mmu:13382
Dld	
Rapgef2	
Cy59	mmu:69674
Usp3a1	mmu:20345
Dna2a	mmu:56445
Nnt	
Sco2	mmu:1001268
Arhgap12	mmu:75415
Crbx3	
Pabpn1	mmu:54196
Ppn12	mmu:19248
Usp3a1	mmu:20345
Cdc37	mmu:12539
Map1s	mmu:270058
Cplm1t	mmu:218335
Btf3l4	mmu:70533
Slc4a2	mmu:20535
Gsto1	mmu:14873
Mbn13	mmu:171170
Telo2	mmu:71718
Nac	mmu:20495
Las1l	mmu:76130
Dlp2b	mmu:239667
Lamtor3	mmu:56692
Ints3	mmu:229543
Cand2	mmu:67088
Tsp1.Gstg	mmu:14870
Gtpo1	mmu:238799
Arhgef10	
Chc10	mmu:72754
Ppar1	mmu:72351
Nac	mmu:20495
Chc14	mmu:72136
Spic2t	mmu:20773
Rpl28	mmu:19943
Tubgcp3	mmu:259279
Vma21	mmu:67048
Cndp2	mmu:66054
Hnrnp12b	mmu:68693
Gabp2b	mmu:213054
Fmr1	mmu:68295
Parg	
Ospbl3	mmu:71720
Sacs	mmu:50720
Sqstm1	mmu:18412
Nmt1	mmu:18107
Pde2a	
Ipo13	mmu:230673
Med24	mmu:23989
Mcc	
Usp3a1	mmu:64143
Tsc22d4	mmu:78829
Nhr2c	mmu:66866
Prr38a	mmu:230050

3014	0.0690	0.5383	-0.0620	0.7012
3015	0.2400	-0.1799	-0.1331	0.7043
3016	0.4432	-0.2753	-0.5538	0.7052
3017	0.8742	-0.3127	-1.2245	0.7070
3018	-0.0584	-0.0000	-0.7194	0.7094
3019	0.4150	-0.0700	-0.1523	0.7098
3020	-0.0528	0.0994	-0.0000	0.7161
3021	-0.4651	0.2080	-1.2247	0.7243
3022	-0.3534	0.8545	-1.3164	0.7245
3023	-0.0410	-0.3515	-0.9101	0.7267
3024	-0.2439	0.2718	0.0849	0.7324
3025	0.8397	-0.1090	0.7595	0.7326
3026	-0.0507	-0.0407	0.6284	0.7384
3027	0.8593	-0.0000	-0.8881	0.7398
3028	0.3765	-0.0580	-0.7377	0.7480
3029	-0.3888	0.1179	-0.2832	0.7586
3030	-0.2388	0.5720	-0.4512	0.7587
3031	-4.6375	-0.4061	-0.8357	0.7728
3032	-0.2468	0.1329	0.6770	0.7750
3033	0.5513	0.7542	-1.0297	0.7820
3034	-0.2001	0.6180	1.4634	0.7951
3035	0.1308	-0.0661	1.8577	0.8003
3036	0.4781	-0.1888	-0.4258	0.8087
3037	0.0622	0.7135	-0.0868	0.8105
3038	-0.0181	0.5072	-0.3879	0.8271
3039	-2.3861	0.7041	-0.4254	0.8388
3040	-0.0000	0.2462	-0.2462	0.8451
3041	0.1980	1.9336	-0.6963	0.8480
3042	-2.5438	0.3045	-1.3408	0.8807
3043	-0.3810	0.3133	-0.9807	0.8895
3044	0.3019	-0.0000	-0.0000	0.8941
3045	0.5817	-0.0433	-1.1767	0.8974
3046	-0.0968	1.2754	0.8177	0.9035
3047	-0.3304	1.7639	0.5066	0.9081
3048	0.3671	-0.2037	-0.1889	0.9093
3049	-0.0000	0.6596	0.4087	0.9189
3050	-0.0959	1.4448	-1.5727	0.9260
3051	-1.0875	-0.3174	-0.3235	0.9340
3052	-0.2447	-0.3213	-0.9350	0.9350
3053	-2.1715	-0.0000	-0.4820	0.9580
3054	0.1863	-0.0000	-2.0116	0.9614
3055	-1.0332	-0.9479	-0.1077	0.9651
3056	-0.6954	-0.2363	1.9638	1.0248
3057	0.2318	-0.3694	0.8082	1.0249
3058	-0.7688	0.4348	-0.0718	1.0291
3059	-0.1599	0.5749	-0.4240	1.0296
3060	-0.2432	0.2877	-0.8351	1.0388
3061	-0.7968	0.6858	-4.4343	1.0488
3062	-0.1990	2.7520	-0.9569	1.0538
3063	-0.2253	1.4215	-1.1540	1.0756
3064	-0.3139	1.2659	-0.1645	1.0808
3065	-0.1733	1.0856	-0.0530	1.1135
3066	0.3564	-0.2306	-0.0000	1.1228
3067	1.3348	1.7194	-0.0950	1.1374
3068	1.6650	-0.4127	-0.1461	1.1640
3069	0.4680	-0.5749	-2.1788	1.1888
3070	-1.1229	-0.6368	-0.1989	1.2151
3071	-0.1831	-1.0239	-0.2188	1.3071
3072	-0.4867	1.7669	2.1325	1.3171
3073	-1.1778	0.0940	0.1018	1.4034
3074	-0.1597	0.1093	-0.8318	1.4260
3075	-0.2139	0.5275	-0.2023	1.5812
3076	-0.9518	0.1599	-0.5328	1.5938
3077	0.6600	-1.1089	-0.2229	1.6823
3078	-0.4011	-1.0416	-0.0000	-0.4726
3079	-0.4150	-0.2161	-0.0000	-0.2027
3080	-0.5930	-0.0000	-0.0000	-0.0849
3081	0.6148	-0.2935	-0.1794	-0.0426
3082	1.4993	-0.0856	-1.0333	0.1169
3083	2.2733	-0.4411	-0.3197	0.5042
3084	1.3960	0.5083	-0.1611	0.5811
3085	-2.7247	0.0735	-1.5969	-1.4160
3086	0.1690	-2.3199	-1.3359	-1.1623
3087	0.1057	-0.7628	-2.7694	-1.1422
3088	0.3550	-0.6774	-2.1870	-0.9029
3089	-1.6748	0.2496	-1.0873	-0.8375
3090	-0.1040	0.8091	-0.2998	-0.8353
3091	-2.5277	1.7408	-1.6439	-0.8103
3092	-1.2373	0.2417	-1.2623	-0.7523
3093	-1.1571	1.1265	-2.1920	-0.7409
3094	-2.2350	-0.0610	-0.0000	-0.7345
3095	-0.7327	-1.4618	0.1061	-0.6961
3096	-0.9782	-1.0596	0.1016	-0.6454
3097	-1.0318	-0.0000	-0.9069	-0.6404
3098	-0.1983	-0.3940	-1.9030	-0.6398
3099	-0.4422	-1.2267	-0.7885	-0.6310
3100	-1.5359	-0.0942	-1.6470	-0.6296
3101	0.2245	-1.2552	-0.8335	-0.6214
3102	-0.6501	-1.2403	-0.6533	-0.6145
3103	0.0807	-0.1697	-1.7203	-0.6031
3104	0.3248	-0.9552	-1.1436	-0.5913
3105	-0.6129	-1.2588	-0.1797	-0.5639
3106	-0.8078	0.3177	-1.2111	-0.5604
3107	-0.0000	0.4417	-1.2340	-0.5602
3108	0.3548	-0.9499	-1.0799	-0.5583
3109	0.3818	-1.1635	-0.8732	-0.5494
3110	-1.6164	-1.4124	-1.8376	-0.5445
3111	-0.2644	-1.7653	-0.5000	-0.5028
3112	-0.1956	0.6361	-1.9493	-0.5029
3113	-0.5681	-1.4791	0.6164	-0.4769
3114	-1.2722	-0.2358	0.0953	-0.4709
3115	-1.3431	-0.0000	-0.0738	-0.4655
3116	-0.2193	-1.2069	-0.0000	-0.4618
3117	-0.1692	0.6779	-1.8880	-0.4586
3118	0.3588	-0.4087	-1.2380	-0.4294
3119	1.0070	-0.9652	-1.2609	-0.4067
3120	-0.4441	-0.6962	-3.6980	-0.4042
3121	-0.5376	-1.1601	-0.7703	-0.3826
3122	-0.5542	-0.4943	-1.1891	-0.3764
3123	-0.9503	0.2160	-0.3770	-0.3702
3124	0.1046	-1.8494	0.6407	-0.3680
3125	-1.4327	-0.8679	-1.6638	-0.3663
3126	-1.3629	0.5961	-0.2708	-0.3459
3127	-0.8818	-0.2904	0.1437	-0.3428
3128	-0.6070	-0.4204	-0.0000	-0.3406
3129	-0.0540	-0.8701	-0.1759	-0.3394
3130	-0.3881	-0.1005	-0.3880	-0.3257
3131	-0.6856	-0.7029	-1.0013	-0.3257
3132	-0.1071	-0.6205	-0.4359	-0.3194
3133	-0.4941	1.0616	-1.5219	-0.3181
3134	-0.2291	-0.5881	-0.5878	-0.3156
3135	-0.0000	-0.0000	-0.9459	-0.3088
3136	-0.5364	0.1223	-0.4476	-0.2872
3137	-0.8965	0.1349	-0.0988	-0.2868
3138	-0.6286	0.1810	-0.4050	-0.2843
3139	-0.4860	-0.3576	-0.2728	-0.2728

0	Q9EP69	Phosphatidylinositol phosphatase SAC1
0	P35821	Tyrosine-protein phosphatase non-receptor type 1
0	Q88FV2	PCI domain-containing protein 2
0	D320L8	
0	P15379	CD44 antigen
0	Q35586	COP9 signalosome complex subunit 5
0	Q3UFX8	FERM domain-containing protein 8
0	Q08734	Bcl-2 homologous antagonist/killer
0	Q8K368	Fanconi anemia group I protein homolog
0	Q9QC80	Vacuolar protein-sorting-associated protein 25
0	P62862	40S ribosomal protein S30
0	Q3U0N2	Lysocardiolipin acyltransferase 1
0	Q8R2R3	Alpha- and gamma-adaptin-binding protein p34
0	Q35379	Multidrug resistance-associated protein 1
0	Q09J30	NAF1C2-interacting protein
0	P61804	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1
0	Q3TH56	5-adenosylmethionine synthase isoform type-2
0	Q90600	DNA replication complex GINS protein PSF2
0	P84096	Rho-related GTP-binding protein RhoG
0	Q92136	DNA-directed RNA polymerase III subunit RPC6
0	Q60520	Paired amphipathic helix protein Sin3a
0	Q904F8	Gamma-tubulin complex component 4
0	P61166	Transmembrane protein 258
0	P48377	MHC class II regulatory factor RFK1
0	Q8VCK5	Calcium uptake protein 1, mitochondrial
0	P8VPP8	
0	P47754	F-actin-capping protein subunit alpha-2
0	A2AT37	
0	P61620	Protein transport protein SecE1 subunit alpha isoform 1
0	Q8C2A2	tRNA-splicing endonuclease subunit Sen54
0	Q90C16	Endoplasmic reticulum-Golgi intermediate compartment protein 1
0	Q90XU1	Amyloid beta A4 precursor protein-binding family B member 1
0	Q9U1V6	Bifunctional polynucleotide phosphatase/kinase;Polynucleotide 3-phosphatase;Polynucleotide 5'-Pnkp
0	Q05A36	RNA-binding E3 ubiquitin-protein ligase MEX3C;RNA-binding protein MEX3B;RNA-binding protein MEX3C;Me
0	Q9D7N9	Adipocyte plasma membrane-associated protein
0	Q9D7N4	GTP-loop GTPase 3
0	Q60650	Killer cell lectin-like receptor 2
0	Q9N970	Ras-related GTP-binding protein C,Ras-related GTP-binding protein D
0	Q80V26	Inositol monophosphatase 3
0	Q64310	Surfeit locus protein 4
0	Q9NVM3	Anaphase-promoting complex subunit 7
0	Q80808	Protein diaphanous homolog 1
0	P42227	Signal transducer and activator of transcription 3;Signal transducer and activator of transcription
0	Q92247	Leptidyl-prolyl cis-trans isomerase FKBP9
0	P47753	F-actin-capping protein subunit alpha-1
0	Q80717	Lethal[2] giant larvae protein homolog 1
0	Q80HG3	GRIP and coiled-coil domain-containing protein 2
0	P70460	Vasodilator-stimulated phosphoprotein
0	Q88MK4	Cytoskeleton-associated protein 4
0	Q9D1C8	Vacuolar protein sorting-associated protein 28 homolog
0	Q9UJK2	LanC-like protein 2
0	Q8K2V6	Importin-11
0	P97370	Sodium/potassium-transporting ATPase subunit beta-3
0	Q8K1Y8	Vacuolar fusion protein CCZ1 homolog
0	Q78K4	MICO5 complex subunit Mic27
0	Q9U735	Ubiquitin conjugation factor E4 A
0	Q62WR5	Nesprin-3
0	Q9D883	Splicing factor U2AF 35 kDa subunit;Splicing factor U2AF 26 kDa subunit
0	Q9R118	Serine protease HTRA1
0	Q9U1K1	Proteasomal ubiquitin receptor ADRM1
0	P12787	Cytochrome c oxidase subunit 5A, mitochondrial
0	Q60631	Growth factor receptor-bound protein 2
0	P62743	AP-2 complex subunit sigma
0	Q9D281	Protein Noxp20
0	Q885X8	Ribosomal protein S6 kinase beta-1
0	Q70335	Rho-associated protein kinase 1
0	Q80V99	Serine/threonine-protein kinase WNK3
0	Q64P93	Phosphatidylinositol 3-kinase;Phosphatidylinositol 3-kinase catalytic subunit type 3
0	Q9D0C8	Casein kinase I isoform delta
0	Q9D0C8	Casein kinase I isoform delta
0	Q9WTR2	Mitogen-activated protein kinase kinase kinase 6
0	P62254	Ubiquitin-conjugating enzyme E2 G1;Ubiquitin-conjugating enzyme E2 G1, N-terminally processed
0	Q88FT2	HAUS augmin-like complex subunit 4
0	Q9R0P5	Destrin
0	Q791V5	Mitochondrial carrier homolog 2
0	Q8K142	Low density lipoprotein receptor adapter protein 1
0	P62340	TATA box-binding protein-like protein 1
0	Q9D0C4	Interferon-induced 35 kDa protein homolog
0	Q8R813	Conserved oligomeric Golgi complex subunit 6
0	Q8K2C9	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydrogenase 3
0	E9Q7L1	
0	Q9CR59	Growth arrest and DNA damage-inducible proteins-interacting protein 1
0	Q60739	BAG family molecular chaperone regulator 1
0	Q8K3X2	Coiled-coil domain-containing protein 90B, mitochondrial
0	Q99H.C8	Translation initiation factor eIF-2B subunit alpha
0	Q3U0V2	Tumor necrosis factor receptor type 1-associated DEATH domain protein
0	P62322	US snRNA-associated 5m-like protein LSm5
0	Q9D045	Protein LPL homolog
0	Q8K612	Succinate dehydrogenase assembly factor 2, mitochondrial
0	Q00780	Collagen alpha-1(VIII) chain;Vastatin
0	P37889	Fibulin-2
0	Q61263	Sterol O-acyltransferase 1
0	Q8R2Y9	SOSS complex subunit B1
0	P47955	60S acidic ribosomal protein P1
0	Q9D0L8	Peptidyl-prolyl cis-trans isomerase-like 3
0	Q8VCS7	BTB/POZ domain-containing protein KCTD5
0	P38060	Hydroxymethylglutaryl-CoA lyase, mitochondrial
0	Q3V485	COMM domain-containing protein 6
0	Q9D8T3	Coiled-coil domain-containing protein 97
0	Q91W68	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase;UDP-N-acetylglu
0	Q88H69	Selenide, water dikinase 1
0	Q9CUX1	52 kDa repressor of the inhibitor of the protein kinase
0	P62073	Mitochondrial import inner membrane translocase subunit Tim10
0	Q88393	Transforming growth factor beta receptor type 3
0	P05977	Myosin light chain 1/3, skeletal muscle isoform;Myosin light chain 3
0	Q91W53	Golggin subfamily A member 7
0	Q923A2	Protein Spindly
0	Q9D9N8	Insulin-like growth factor 2 mRNA-binding protein 3
0	Q9N9N3	39S ribosomal protein L16, mitochondrial
0	Q3UM45	Protein phosphatase 1 regulatory subunit 7
0	Q9N9H9	SH3 domain-binding protein 5-like
0	Q9N9L5	Elongator complex protein 5
0	Q9N9P5	Phosphatidate phosphatase LPIN2
0	Q8V062	UPF0696 protein C11orf68 homolog
0	Q8K1R3	Polynucleotide diphosphate kinase 1, mitochondrial
0	Q5U529	BRCA1-A complex subunit RAP80
0	Q78W27	DNA-directed RNA polymerase I subunit RPA43
0	Q9N9J5	Diphosphomevalonate decarboxylase
0	P11826	Phosphorylase b kinase regulatory subunit alpha, skeletal muscle isoform
0	Q55580	Dehydrogenase/reductase SDR family member 13
0	Q9N9M1	PER2 amino acid-rich with GYF domain-containing protein 1
0	Q91V84	Hermansky-Pudlak syndrome 3 protein homolog
0	Q9NW42	Nuclear receptor corepressor 2
0	P32020	Non-specific lipid-transfer protein
0	Q71511	Pleckstrin homology domain-containing family M member 1
0	Q8C5D8	E3 SUMO-protein ligase PIAS2;E3 SUMO-protein ligase PIAS1

Sacm1l	mmu:83493	1
Ptpn1	mmu:19246	1
Pcid2	mmu:234069	
Actn4		
Cd44	mmu:12505	
Cops5	mmu:26754	
Frm8b	mmu:67457	
Bak1	mmu:12018	1
Fanci	mmu:208836	
Vps25	mmu:28084	
Fau		
Lclat1	mmu:225010	
Aagab	mmu:66939	
Abcc1	mmu:17250	
Nfatc2ip	mmu:18020	
Dad1	mmu:13135	
Mat2a	mmu:232087	
Gins2	mmu:272551	
Rhog	mmu:56212	
Polr3f	mmu:70408	
Sin3a	mmu:20466	1
Tubgcp4	mmu:51885	
Tmem258	mmu:69038	
Rfx1	mmu:19724	
Micu1	mmu:216001	
Zc3h7b	mmu:20286	
Capza2	mmu:12343	
Upf2	mmu:326622	
Sec61a1,Sec61a2	mmu:53421	
Tden54	mmu:76265	
Ergic1	mmu:67458	
Apbb1	mmu:11785	
h Pnkp		1
Mex3c,Mex3d	mmu:240396	
Apmap	mmu:71881	
Gpn3	mmu:68080	
Kira2		
Rragc,Rrag	mmu:54170	
Inppad1	mmu:242221	1
Surf4	mmu:20992	
Anapc7	mmu:56317	
Diap1,Diap2	mmu:13367	1
Stat3	mmu:20848	
Fkbp9	mmu:27055	
Capza1	mmu:12340	
Ligl1	mmu:16897	
Gcc2		
Vasp	mmu:22323	
Ckap4	mmu:216197	
Vps28	mmu:66914	
Lanc2	mmu:71835	
Ipo11	mmu:76582	
Atp1b3	mmu:11933	
Ccz1	mmu:231874	
Apool	mmu:68117	
Ube4a	mmu:140630	
Syne1	mmu:64009	1
U2af1,U2a	mmu:108121	
Hra1	mmu:56213	
Grip774,A	mmu:56436	
Co5a	mmu:12858	
Grb2	mmu:14784	
Ap2s1	mmu:232910	
Fam114a1	mmu:68303	1
Rps6kb1	mmu:72508	1
Rock1	mmu:19877	1
Wnk3	mmu:279561	1
Plk3c3	mmu:225326	1
Conk1d	mmu:104318	1
Conk1d	mmu:104318	1
Map3k6		1
Ube2g1	mmu:67128	
Haus4	mmu:219072	1
Dstn	mmu:56431	
Mtch2	mmu:56428	
Ldlrap1	mmu:100017	
Tbpl1	mmu:237336	
Ifh35	mmu:70110	
Cog6	mmu:67542	
Hacd3	mmu:57874	
Ubr2	mmu:382038	
Gadd45gfp	mmu:102060	
Bag1	mmu:12017	
Ccdc90b	mmu:66365	
Eif2b1	mmu:209354	
Tradd	mmu:71609	
Lsm5	mmu:66373	
Lph	mmu:66225	
Sdhaf2	mmu:66072	
Cd81a1	mmu:12837	
Fhlh2	mmu:14115	
Soat1	mmu:20652	
Nabp2	mmu:69917	
Gm10073	mmu:56040	
Ppil3	mmu:70225	
Kctd5	mmu:69259	
Hmgcl	mmu:15356	
Commdd	mmu:66200	
Ccdc97	mmu:52132	
Gne	mmu:50798	
Spshs1	mmu:109079	
Pkrir1	mmu:72981	
Timm10	mmu:30059	
Tgfbir3	mmu:21814	
My1l,My13	mmu:17901	
Golga7	mmu:57437	
Spd11	mmu:70385	
Igf2bp3	mmu:140488	
Mprl16	mmu:94063	
Mprl17	mmu:66385	
Sh3bp5l	mmu:79566	
Elo5	mmu:54351	
Lpin2	mmu:64898	
A1837181	mmu:107242	
Pnpt1	mmu:71701	1
Uimc1	mmu:20184	
Twistnb	mmu:28071	
Mvd	mmu:192156	
Phka1	mmu:18679	
Dhrs13	mmu:70451	
Glypf1	mmu:57340	
Hps3	mmu:12887	
Ncor2	mmu:20602	
Scp2	mmu:20280	
Plekhn1	mmu:353047	
Pias2,Pias2	mmu:17344	

3140	-0.8990	0.3535	-0.2431	-0.2629
3141	0.5928	0.9438	-0.4343	-0.2618
3142	-0.0808	0.0495	-0.7499	-0.2603
3143	-1.0828	-0.1021	0.4269	-0.2527
3144	0.2489	0.7015	-0.2774	-0.2465
3145	-0.9699	0.0000	-0.2329	-0.2408
3146	-0.5238	0.0000	-0.5529	-0.2399
3147	0.1556	0.1399	-1.0000	-0.2350
3148	-0.3192	0.5326	0.1507	-0.2337
3149	-0.2865	0.1447	-0.5526	-0.2315
3150	-0.3916	0.3295	-0.6263	-0.2295
3151	-1.7376	0.7581	1.8206	-0.2250
3152	-0.4775	0.6250	-0.8113	-0.2213
3153	0.0930	0.0057	-0.8089	-0.2201
3154	0.8283	-0.7611	-0.7262	-0.2197
3155	-0.0089	0.5875	-1.1942	-0.2173
3156	0.1397	-0.3920	-0.3915	-0.2146
3157	-0.0436	1.4541	-1.0556	-0.2144
3158	0.5835	0.6438	-1.8651	-0.2126
3159	0.5750	-0.5902	-0.6229	-0.2125
3160	-0.5944	-0.2328	0.2150	-0.2041
3161	0.2515	0.7904	0.0772	-0.2040
3162	-1.5446	0.0830	0.8640	-0.1995
3163	0.2602	0.0664	0.7900	-0.1982
3164	-0.4898	-0.5862	-0.3048	-0.1904
3165	0.8069	0.0166	-0.4423	-0.1838
3166	-0.5206	0.1325	-0.1625	-0.1825
3167	0.1854	0.1547	-0.8638	-0.1746
3168	0.3627	-1.1111	0.2310	-0.1722
3169	-0.2663	0.8918	-1.1253	-0.1666
3170	0.3015	0.8254	-0.1659	-0.1659
3171	-0.5333	0.1331	-0.0811	-0.1604
3172	-0.1623	0.2305	-0.5429	-0.1582
3173	-0.6065	-0.1495	0.2834	-0.1575
3174	-1.3856	-1.2810	-2.2012	-0.1558
3175	-0.0088	0.2669	-0.7883	-0.1548
3176	0.2507	0.0000	-0.6902	-0.1535
3177	-0.1171	0.7435	0.4034	-0.1524
3178	-0.2746	-0.6148	0.4416	-0.1493
3179	-0.7092	0.8277	-0.5636	-0.1484
3180	-1.2390	0.3185	0.4844	-0.1454
3181	0.2034	0.7447	0.1135	-0.1426
3182	0.1971	0.0000	-0.6004	-0.1411
3183	0.1704	0.1224	0.4680	-0.1400
3184	-0.3264	0.6937	0.4032	-0.1390
3185	-1.2310	0.1748	-0.0889	-0.1385
3186	-1.6136	-0.1488	-1.1797	-0.1379
3187	-0.5467	0.4442	-0.5088	-0.1354
3188	0.3499	-0.6079	-0.1402	-0.1327
3189	0.6457	-0.3585	-0.6831	-0.1320
3190	-0.0624	-0.3784	-0.0476	-0.1310
3191	-0.7461	0.1076	0.2543	-0.1281
3192	-1.5061	0.4467	-1.4416	-0.1274
3193	-1.0776	0.3188	0.3843	-0.1248
3194	-0.0938	0.3347	-0.0547	-0.1240
3195	-0.3103	0.1748	-0.2879	-0.1221
3196	-0.7255	-0.3488	-0.4863	-0.1219
3197	-0.0636	0.4902	-0.1385	-0.1204
3198	0.4827	-0.6091	-0.2321	-0.1195
3199	-0.5741	0.1540	0.0825	-0.1125
3200	0.5728	-1.1687	0.2615	-0.1115
3201	-0.2262	0.3482	-0.4446	-0.1075
3202	0.2542	-0.3099	-0.2620	-0.1059
3203	0.7657	0.0000	-1.0288	-0.0946
3204	-0.8058	0.1608	0.3778	-0.0891
3205	0.2445	0.8960	-0.4629	-0.0889
3206	-0.2658	1.2738	-0.7274	-0.0826
3207	0.2650	-0.3081	-0.8781	-0.0850
3208	-0.4798	0.1144	0.3464	-0.0826
3209	0.3087	-0.5528	-0.0819	-0.0819
3210	0.0652	0.0000	-0.2925	-0.0791
3211	-0.7710	-0.0620	0.5978	-0.0784
3212	0.0601	0.2792	-0.0759	-0.0759
3213	-0.1543	0.4457	-0.5188	-0.0751
3214	-0.3159	-0.3513	0.4401	-0.0690
3215	0.2484	0.8960	-0.3475	-0.0687
3216	-1.0539	-0.3248	-1.1977	-0.0635
3217	-0.8150	0.2871	0.3391	-0.0629
3218	-0.5454	0.3119	0.0531	-0.0599
3219	0.7261	0.1264	-1.0278	-0.0584
3220	0.0963	0.2332	-0.4970	-0.0558
3221	0.6548	0.1441	0.3533	-0.0524
3222	0.4562	0.3600	0.2342	-0.0480
3223	0.2147	0.7534	0.4106	-0.0434
3224	-0.0365	0.4032	-0.1081	-0.0425
3225	0.1436	-0.1330	-0.1352	-0.0415
3226	0.5118	0.5546	-0.5546	-0.0395
3227	0.1372	-0.1010	-0.2479	-0.0385
3228	0.0000	-0.8011	0.7272	-0.0376
3229	-0.7163	0.1203	0.4976	-0.0376
3230	0.0000	0.1353	-0.1994	-0.0364
3231	0.6111	0.3480	-1.0392	-0.0274
3232	-0.5516	0.9471	0.4763	-0.0269
3233	0.0000	0.2300	0.1335	-0.0257
3234	0.1624	0.4478	-0.7020	-0.0250
3235	0.2122	0.6818	-0.4189	-0.0248
3236	0.0000	0.3618	-0.4165	-0.0248
3237	-0.5100	0.1917	0.2311	-0.0248
3238	0.3745	-0.4329	-0.0000	-0.0248
3239	0.3869	-0.3216	-0.0955	-0.0248
3240	0.1513	-0.2781	0.1000	-0.0248
3241	-0.1011	0.2720	-0.1857	-0.0248
3242	0.0970	0.0460	0.0640	-0.0248
3243	0.1130	0.1918	0.0984	-0.0248
3244	0.9889	-0.4115	-0.1777	-0.0248
3245	-0.1005	0.5498	0.4688	-0.0248
3246	-0.1906	-0.2971	-0.1164	-0.0248
3247	0.4293	-0.0624	0.4701	-0.0248
3248	0.6059	-0.2793	-0.3039	-0.0248
3249	-0.0830	-0.4027	0.5089	-0.0248
3250	-0.0580	-0.1566	0.2372	-0.0248
3251	0.0657	0.6247	0.5841	-0.0248
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3253	0.4371	0.0781	-0.3196	-0.0248
3254	-0.2148	0.4032	-0.3478	-0.0248
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3257	0.1577	-0.0633	0.2442	-0.0248
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3259	0.4813	-0.2477	-0.1449	-0.0248
3260	-0.0644	-0.0781	0.2239	-0.0248
3261	-0.1211	0.0000	0.1748	-0.0248
3262	-0.0954	-0.2872	0.4803	-0.0248
3263	0.2197	0.0559	-0.0658	-0.0248
3264	-1.1612	1.4091	-0.1473	-0.0248
3265	-0.1529	0.3205	0.0618	-0.0248

0	Q90BL9	1-acylglycerol-3-phosphate O-acyltransferase ABHD5
0	O89050	Muskelin
0	O91V61	Sideroflexin-3
0	Q91WE4	UPF0729 protein C18orf52 homolog
0	Q92Z77	BC12/adenovirus E1B 19 kDa protein-interacting protein 3-like
0	Q71538	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial
0	Q90D58	ATP synthase subunit delta, mitochondrial
0	Q91H53	Regulator complex protein LAMTOR2
0	Q8R1V4	Transmembrane emp24 domain-containing protein 4
0	Q62425	Cytochrome c oxidase subunit NDUF44
0	Q920L8	Gamma-glutamyl hydrolase
0	Q61147	Ceruloplasmin
0	Q920Q8	Influenza virus NS1A-binding protein homolog
0	Q91B84	General transcription factor I1H subunit 2
0	S4R269	
0	P98917	Caveolin;Caveolin-1;Caveolin-3
0	Q78159	Protein FAM63A
0	Q90D24	Sentrin-specific protease 8
0	Q80740	DNA-directed RNA polymerase II subunit RP811
0	P97760	DNA-directed RNA polymerase II subunit RP83
0	P61027	Ras-related protein Rab-10
0	A2A1J3	FGGy carbohydrate kinase domain-containing protein
0	Q9C283	39S ribosomal protein L55, mitochondrial
0	Q90720	Non-structural maintenance of chromosomes element 1 homolog
0	A1L3P4	Sodium/hydrogen exchanger
0	Q3U777	7-methylguanosine phosphate-specific 5'-nucleotidase
0	Q9CQ06	39S ribosomal protein L24, mitochondrial
0	Q555W2	Proteasome activator complex subunit 4
0	Q8R1T4	Anaphase-promoting complex subunit 5
0	Q9CYN2	Signal peptidase complex subunit 2
0	Q8B8B7	Enolase-phosphatase E1
0	Q8R1J9	Torsin-2A
0	P19536	Cytochrome c oxidase subunit 5B, mitochondrial
0	Q92179	SHC SH2 domain-binding protein 1
0	Q3UHS5	Splicing factor, suppressor of white-apricot homolog
0	Q9CQ44	Gem-associated protein 2
0	Q8B911	Protein kintouz
0	Q81L23	Thiamine-triphosphatase
0	Q8K296	Myotubularin-related protein 3
0	Q9CX13	Protein cornichon homolog 4
0	P61082	NEDD8-conjugating enzyme Ubc12
0	P50637	Translocator protein
0	Q91J60	Transforming acidic coiled-coil-containing protein 2
0	Q88522	NF-kappa-B essential modulator
0	Q3U6R5	Halooxid dehalogenase-like hydrolase domain-containing protein 2
0	Q92130	Heterogeneous nuclear ribonucleoprotein D-like
0	Q9CQ27	Very-long chain enoyl-CoA reductase
0	Q6NSQ7	Protein LTV1 homolog
0	Q80UW8	DNA-directed RNA polymerases I, II, and III subunit RPABC1
0	Q3TMM7	Sulphydryl oxidase 2
0	Q55103	Periaxin
0	Q8C6G8	WD repeat-containing protein 26
0	Q6PNC0	DmX-like protein 1
0	Q90D08	mRNA turnover protein 4 homolog
0	Q90D39	Translocase-associated protein subunit gamma
0	Q9CQ45	Thioredoxin domain-containing protein 17
0	Q90B19	Inorganic pyrophosphatase
0	Q8CNC5	Breast carcinoma-amplified sequence 3 homolog
0	B2R591	RNA polymerase I-specific transcription initiation factor RRN3
0	Q9CY26	Uncharacterized protein C19orf60 homolog
0	Q35427	DNA-directed RNA polymerase III subunit RPC9
0	Q9CX97	WD repeat-containing protein 55
0	E9PY43	
0	Q90C63	F-box only protein 3
0	Q8CX76	Prenylcysteine oxidase-like
0	Q80W5-4	CAAX prenyl protease 1 homolog
0	P99026	Proteasome subunit beta type-4
0	Q570Y9	DEP domain-containing mTOR-interacting protein
0	Q60714	Long-chain fatty acid transport protein 1
0	Q61E82	Protein Jade-3
0	P26350	Prothymosin alpha;Prothymosin alpha, N-terminally processed;Thymosin alpha
0	Q8C0M8	Protein FAM160B1
0	Q3TPE9	Ankyrin repeat and MYND domain-containing protein 2
0	Q9CWR7	Metalloenductase STEAP1
0	Q55057	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase subunit delta
0	Q8C3R1	BRCA1-associated ATM activator 1
0	A0A087WS15	
0	Q35435	Dihydroorotate dehydrogenase (quinone), mitochondrial
0	A2R5Y6	TRMT1-like protein
0	Q80R22	Calcium-transporting ATPase;Calcium-transporting ATPase type 2C member 1
0	Q9CXY8	Ribonuclease;Ribonuclease H2 subunit A
0	Q781E5	F-box only protein 22
0	Q99KF1	Transmembrane emp24 domain-containing protein 9
0	A3K6B4	TBC1 domain family member 88
0	Q70235	Glutathione peroxidase;Phospholipid hydroperoxide glutathione peroxidase, mitochondrial;Phosph
0	P63937	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit
0	Q3U4G3	Xyloside xylosyltransferase 1
0	Q88R95	Histone deacetylase;Histone deacetylase 3
0	Q924D0	Reticulon-4-interacting protein 1, mitochondrial
0	P97376	Protein FRG1
0	P63002	Amino-terminal enhancer of split
0	Q8R2Q4	Ribosome-releasing factor 2, mitochondrial
0	Q3U276	Succinate dehydrogenase assembly factor 1, mitochondrial
0	Q91M13	Rab5 GDP/GTP exchange factor
0	Q99123	GH3 domain-containing protein
0	Q922N8	Actin-like protein 6A
0	Q8R863	Protein FAM177A1
0	Q8K215	LYR motif-containing protein 4
0	Q80W68	Kin of IIRF-like protein 1
0	Q63829	COMM domain-containing protein 3
0	Q921J3	Cysteine desulfurase, mitochondrial
0	Q3UVG3	Protein FAM91A1
0	Q3U182	CREB-regulated transcription coactivator 2
0	Q90506	Exosome complex component RRP41
0	Q92123	NF-kappa-B inhibitor alpha
0	Q54950	5-AMP-activated protein kinase subunit gamma-1
0	Q8R8G7	Rab3 GTPase-activating protein non-catalytic subunit
0	Q88GF7	PAB-dependent poly(A)-specific ribonuclease subunit PAN2
0	Q8C636	Spermatogenesis-associated protein 16
0	Q35345	Importin subunit alpha-7;Importin subunit alpha
0	Q991C9	Peroxisome assembly factor 2
0	P28474	Alcohol dehydrogenase class-3
0	P62313	U6 snRNA-associated Sm-like protein Lsm6
0	Q91K92	Heat shock protein beta-8
0	Q62P72	Protein SMG5
0	P58242	Acid sphingomyelinase-like phosphodiesterase 3b
0	Q99K11	NAD-dependent malic enzyme, mitochondrial
0	Q91P93	Deoxyribose-phosphate aldolase
0	Q62095	ATP-dependent RNA helicase DDX3Y
0	Q9C660	Vesicle transport protein GOT1B
0	Q8B1L1	F-box only protein 30
0	A0A180GR3	
0	Q8R105	Vacuolar protein sorting-associated protein 37C
0	Q8R8V5	Syntaxin-16
0	Q09061	Proteasome subunit beta type-1
0	P62077	Mitochondrial import inner membrane translocase subunit Tim8 B

Abhd5	mmu:67469
Mkln1	mmu:27418
Sfnx3	mmu:94280
	mmu:407819
Bnip3l	mmu:12177
Pdpr	mmu:319518
Atpsd	mmu:66043
Lamtor2	mmu:83409
Tmed4	mmu:103694
Ndufa4	mmu:17992
Ggh	mmu:14590
Cp	mmu:12870
Ivms1abp	mmu:117198
Gtf2h2	mmu:23894
Akr1b10	
Cav1,Cav3	mmu:12389
Fam63a	mmu:75

3266	0.1214	-0.2005	-0.0009
3267	-0.2712	0.2405	0.1505
3268	0.0432	0.5691	-0.4936
3269	0.5987	-0.8447	-0.0415
3270	-0.0000	-0.9222	1.0743
3271	0.4382	-0.2092	-0.0932
3272	-0.0641	-0.0000	-0.2124
3273	-0.4173	0.8463	-0.2903
3274	-0.5913	0.6464	-0.0906
3275	0.1855	0.4160	-0.4374
3276	-0.4790	0.9045	-0.2468
3277	0.7683	0.0772	-0.6652
3278	-0.2477	0.2425	0.1857
3279	0.3244	0.2629	-0.4058
3280	-0.5828	1.3111	-0.5426
3281	-0.2899	0.1949	-0.3049
3282	-0.1229	0.6440	-0.5756
3283	-1.0951	0.0756	1.2270
3284	0.7247	-0.1232	-0.3643
3285	0.4399	-0.0617	-0.1449
3286	-0.0101	0.6977	-0.4092
3287	-0.2637	0.7758	-0.2503
3288	-0.2152	0.6931	-0.2151
3289	-0.1309	0.2487	-0.1453
3290	1.5450	-1.0745	-0.1974
3291	0.0984	0.6278	-0.1647
3292	0.4771	-0.1354	0.9301
3293	-0.4814	0.5106	-0.4980
3294	0.5738	-0.1520	-0.0915
3295	0.4825	-0.1909	-0.0261
3296	0.2602	-0.1522	0.2411
3297	0.9033	-0.8754	0.3246
3298	-0.1530	-0.0000	0.5161
3299	-0.1062	-0.3754	0.8529
3300	-0.0804	-0.1781	0.5387
3301	0.4618	-0.3005	-0.2535
3302	0.2251	-0.1941	-0.1384
3303	0.7333	-0.5804	-0.2676
3304	0.7440	0.1024	-0.4213
3305	0.8447	0.3813	-0.7993
3306	-0.4797	0.3976	0.5114
3307	-0.7549	0.6655	0.5372
3308	0.3846	0.1785	-0.0961
3309	0.2867	-0.0946	0.2609
3310	-0.0859	-0.1724	0.7448
3311	-0.4444	-0.2289	0.2188
3312	0.8848	-0.6744	-0.2859
3313	1.0096	-0.5155	-0.1663
3314	-0.7426	0.7776	-0.4703
3315	0.3350	0.4456	-0.2750
3316	-0.9802	0.4375	1.0612
3317	1.3067	-0.6879	-0.0902
3318	0.0747	-0.1158	0.5707
3319	-0.1248	0.5735	0.1086
3320	-0.0000	-0.1478	-0.4467
3321	0.0534	-0.0707	-0.4287
3322	0.8680	-0.2329	-0.1345
3323	1.7270	-0.3315	-1.0504
3324	-0.0441	0.6881	-0.2546
3325	0.7711	-0.2557	0.0824
3326	-0.1951	0.3140	0.4956
3327	0.3510	0.8351	-0.5708
3328	0.4598	-0.4850	0.6425
3329	0.6761	-0.2498	0.1963
3330	-0.1393	-0.1047	-0.2573
3331	0.1158	-0.1769	-0.6646
3332	0.8034	-0.4084	-0.6518
3333	0.5779	0.4088	0.8159
3334	-0.3318	0.2417	0.7376
3335	0.5601	0.1546	-0.0638
3336	-0.2471	0.4867	0.4320
3337	0.1491	0.6138	-0.0631
3338	0.3647	0.8834	-0.5428
3339	0.9502	-0.0919	-0.1530
3340	-0.4025	1.4748	-0.3654
3341	0.4856	0.8267	-0.0888
3342	0.7748	0.6959	-0.7435
3343	-0.0000	0.4231	0.3255
3344	0.2303	-0.0656	0.5867
3345	0.9179	-0.0744	2.9101
3346	-0.0956	0.3118	0.5414
3347	-0.4770	0.2735	0.9723
3348	-0.0934	0.0830	0.7813
3349	1.6457	-0.7180	-0.1527
3350	-0.5466	-0.1202	0.5682
3351	-0.1751	-0.4188	0.5682
3352	1.0398	-0.6577	0.6228
3353	1.1055	-0.1327	-0.1650
3354	0.6027	-0.2588	0.4868
3355	-0.5349	-0.3036	1.6706
3356	0.3934	-0.6208	1.0661
3357	0.6634	-0.0000	0.1845
3358	0.2344	0.8340	-0.2185
3359	0.3092	-0.0000	0.5776
3360	0.6404	-0.2910	-0.5047
3361	0.8136	1.8234	-0.9727
3362	0.3981	-0.0000	-0.0000
3363	0.1404	1.2156	-0.4701
3364	0.1055	0.9472	-0.1530
3365	-0.3154	1.4799	-0.2481
3366	-0.2799	0.7012	-0.0644
3367	-0.5444	0.5515	0.9336
3368	-0.4017	0.5480	0.8074
3369	-0.0901	1.2635	-0.2062
3370	0.4744	-0.5915	-0.0038
3371	1.6053	-0.7752	-0.4044
3372	0.9991	-0.0000	-0.0781
3373	0.8896	-0.7588	-0.6289
3374	0.7692	-0.5271	0.7855
3375	-0.2661	-0.3607	1.6717
3376	-1.0906	-0.6040	0.5535
3377	-0.1604	-0.1565	1.4038
3378	-0.3750	-0.3370	1.8023
3379	-0.1253	0.8462	0.5783
3380	-0.5947	-0.0000	1.7104
3381	-0.0000	-0.1143	1.2509
3382	-0.3119	-0.4056	1.0239
3383	-0.1381	-0.2530	1.0122
3384	0.5739	-0.5422	1.0986
3385	-0.9148	1.4128	0.6350
3386	1.1846	0.9685	-0.1033
3387	-0.5248	0.3983	1.3114
3388	0.2659	1.1289	-0.2099
3389	1.3814	0.1082	0.7864
3390	-0.0000	-0.0000	1.2364
3391	0.8277	0.6296	-0.2042

0	Q9EPK5	WW domain-containing transcription regulator protein 1
0	Q64430	Copper-transporting ATPase 1
0	Q9D481	Phosphatidylcholine:ceramide cholinephosphotransferase 2
0	Q8BGX2	Uncharacterized protein C19orf52 homolog
0	Q9JUK7	AP-4 complex subunit mu-1
0	Q6Q989	E3 ubiquitin-protein ligase XIAP
0	Q8R088	Golgi phosphoprotein 3-like
0	Q9Z0E0	Neurochordin
0	P83940	Transcription elongation factor B polypeptide 1
0	Q88M83	Eukaryotic translation initiation factor 4E type 2
0	Q9D0C2	AP-3 complex subunit sigma-1
0	Q8CH62	Oral cancer-overexpressed protein 1 homolog
0	Q3TXY3	SET and MYND domain-containing protein 5
0	Q8K194	U4/U6,U5 small nuclear ribonucleoprotein 27 kDa protein
0	Q8N7N5	DOB1- and CUL4-associated factor 8
0	Q9C2N4	F-box only protein 6
0	Q61207	Prospodin
0	Q8R400	Ras-related protein Rab-39A
0	Q9QU11	Protein FAM89B
0	Q8VD75	Huntingtin-interacting protein 1
0	Q5XG73	Acyl-CoA-binding domain-containing protein 5
0	Q9CWU9	Nucleoporin Nup37
0	Q9QC54	NADH dehydrogenase [ubiquinone] 1 subunit C2
0	Q8R6B2	Tetratricopeptide repeat protein 7A
0	Q8R6V4	Dipeptidyl peptidase 9
0	P56873	Sjogren syndrome/scleroderma autoantigen 1 homolog
0	Q9C9Y3	dCTP pyrophosphatase 1
0	Q9Z2H4	Mannose 1-phosphate guanylyltransferase alpha
0	Q9CQY3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
0	Q9QYK7	RING finger protein 11
0	P28741	Kinesin-like protein;Kinesin-like protein KIF3A
0	Q8R023	Tripeptidyl-peptidase 1
0	P0COA3	Charged multivesicular body protein 6
0	P70280	Vesicle-associated membrane protein 7
0	P52875	Transmembrane protein 165
0	P73546	Urokinase plasminogen activator surface receptor
0	Q8K2L8	Trafficking protein particle complex subunit 12
0	P68369	Tubulin alpha-1A chain;Tubulin alpha-3 chain
0	Q9Z1A1	
0	Q91ZR1	Ras-related protein Rab-4B
0	Q35682	Myeloid-associated differentiation marker
0	Q9QUX4	Baculoviral IAP repeat-containing protein 1b;Baculoviral IAP repeat-containing protein 1g;Baculov
0	Q9R0X0	Mediator of RNA polymerase II transcription subunit 20
0	Q61521	Proepiregulin;Epregulin
0	Q9D1M4	Eukaryotic translation elongation factor 1 epsilon-1
0	Q64437	Alcohol dehydrogenase class 4 mu/sigma chain
0	Q8K2C0	COMMD domain-containing protein 9
0	Q8R458	TIP41-like protein
0	Q9CQC5	Cdc42 effector protein 3
0	P62311	U6 snRNA-associated Sm-like protein Lsm3
0	P01887	Beta-2-microglobulin
0	Q7TN31	Angiogenic factor with G patch and FHA domains 1
0	Q9CQ56	Vesicle transport protein USE1
0	Q05816	Fatty acid-binding protein, epidermal
0	P08030	Adenine phosphoribosyltransferase
0	P77854	
0	Q6T185	Fasciculation and elongation protein zeta-2
0	Q7M759	Alpha/beta hydrolase domain-containing protein 17B
0	Q8R676	MICAL-like protein 1
0	Q6PHN9	Ras-related protein Rab-35
0	Q9CQ58	Protein transport protein Sec61 subunit beta
0	Q8VE99	Coiled-coil domain-containing protein 115
0	Q8CBY8	Dynactin subunit 4
0	Q8R0W5	Aftiphilin
0	Q8R0Z2	Rai GTPase-activating protein subunit beta
0	Q35625	Axin-1
0	Q910C3	Diablo homolog, mitochondrial
0	P54116	Erythrocyte band 7 integral membrane protein
0	Q8R2M1	Glomulin
0	Q8R0X5	28S ribosomal protein S7, mitochondrial
0	Q8K1A0	Methyltransferase-like protein 5
0	Q8BTY2	Anion exchange protein;Sodium bicarbonate cotransporter 3
0	Q9IKF7	39S ribosomal protein L39, mitochondrial
0	Q35740	Cbp/p300-interacting transactivator 2
0	Q9Z1W0	Charged multivesicular body protein 1a
0	Q9CQ59	Trafficking protein particle complex subunit 11
0	Q9D8U0	
0	Q9D097	Uncharacterized protein C11orf98 homolog
0	Q8R978	Protein FRA10AC1 homolog
0	Q99M74	Keratin, type II cuticular Hb2
0	Q3U5Z8	Deleted in autism protein 1 homolog
0	Q9CXC0	IST1 homolog
0	Q9EC53	C-Myc-binding protein
0	Q8K183	Pyridoal kinase
0	Q9ELW7	Kinesin-like protein;Kinesin-like protein KIF13A
0	Q42AN61	
0	P75285	Ras-related protein Rab-22A
0	Q8K211	High affinity copper uptake protein 1
0	P09528	Ferritin heavy chain;Ferritin heavy chain, N-terminally processed
0	Q8R6H7	CDC42 small effector protein 2
0	Q8VE70	Programmed cell death protein 10
0	Q08639	Transcription factor Dp-1;Transcription factor Dp-2
0	Q8K0F1	TBC1 domain family member 23
0	Q64314	Hematopoietic progenitor cell antigen CD34
0	Q99M54	Cell division cycle-associated protein 3
0	Q9CCE5	Regulator of G-protein signaling 10
0	Q8CDA1	Phosphatidylinositol phosphatase SAC2
0	Q8R7Y0	Formin-binding protein 1
0	Q9N1K5	Multiple myeloma tumor-associated protein 2 homolog
0	Q8RQ46	
0	Q35604	Niemann-Pick C1 protein
0	Q8R199	Protein dopey-1
0	Q08917	Flotillin-1
0	Q6PD26	GPI transamidase component PIG-5
0	Q32316	
0	Q8R834	Meiosis arrest female protein 1
0	Q9D1E6	Tubulin-folding cofactor B
0	Q9Z0D9	WD repeat-containing protein 7
0	Q9D0L5	Coiled-coil domain-containing protein 91
0	Q3TXX3	SOSS complex subunit C
0	P40201	Chromodomain-helicase-DNA-binding protein 1
0	E9Q7G1	
0	Q6VN19	Ran-binding protein 10
0	Q8C180	Fibroblast growth factor receptor substrate 2
0	Q9D851	Transmembrane protein 43
0	Q8R1V3	CDP9 signalosome complex subunit 7b
0	Q8K582	Multiple coagulation factor deficiency protein 2 homolog
0	Q8R6Q5	Heterogeneous nuclear ribonucleoprotein A3
0	Q9CS42	Ribose-phosphate pyrophosphokinase 2;Ribose-phosphate pyrophosphokinase 1
0	P62774	Myotrophin
0	Q9CWD8	Iron-sulfur protein NUBPL
0	Q55125	Protein NipSnap homolog 1
0	Q9Z2X9	Protein arginine N-methyltransferase 7
0	Q3UUX7	Uncharacterized protein C4orf46 homolog
0	Q91WE1	Sorting nexin-15
0	P23492	Purine nucleoside phosphorylase

Wwtr1	mmu:97064	
Atp7a	mmu:11977	
Sgms2	mmu:74442	
	mmu:69773	
Ap4m1	mmu:11781	
Xiap	mmu:11798	
Golp3h1	mmu:229593	
Ncdn	mmu:26562	
Tceb1	mmu:67923	
Eif4e2	mmu:26987	
Ap3s1	mmu:11777	
Oraov1	mmu:72284	
Smyd5	mmu:232187	
Snrnp27	mmu:66618	
Dcaf8	mmu:98193	
Fbxo6	mmu:50762	
Pspap	mmu:19156	
Rab39a	mmu:270160	
Fam89b	mmu:17826	
Hip1	mmu:215114	
Acdb5	mmu:74159	
Nup37	mmu:69736	
Ndufc2	mmu:68197	
Ttc7;Ttc7a	mmu:225497	
Dpp9	mmu:224897	
Ssca1	mmu:56390	
Ctctp1	mmu:69422	
Gmpga	mmu:69080	
Ndufb5	mmu:66046	
Rnf11	mmu:29864	
Kif3a	mmu:16568	
Tpp1	mmu:12751	
Chmp6	mmu:208092	
Vamp7	mmu:20955	
Tmem165	mmu:21982	
Pfau	mmu:18793	
Trappc12	mmu:217449	
Tuba1a;Tu	mmu:22142	
Tfg		
Rab4b	mmu:19342	
Myadm	mmu:50918	
Naip2;Naip	mmu:17948	
Gm20517;G	mmu:56771	
Ereg	mmu:13874	
Eef1e1	mmu:66143	
Adh7	mmu:11529	
Comm9	mmu:76501	
Tipr1	mmu:226591	
Cdc42ep3	mmu:260409	
Lsm3	mmu:67678	
B2m	mmu:12010	
Aggf1	mmu:66549	
Use1	mmu:67023	
Fabp5	mmu:16592	
Aprt	mmu:11821	
Ankrd50		
Fez2	mmu:225020	
Abhd17b	mmu:226016	
Mical1	mmu:27008	
Rab35	mmu:77407	
Sec61b;Gr	mmu:66212	
Ccdc115	mmu:69668	
Dctn4	mmu:67665	</

3392	0.9790	0.4675	-0.1753	0.4237
3393	0.8919	1.1442	-0.6722	0.4546
3394	1.7153	0.1432	-0.4942	0.4548
3395	-0.2613	1.0058	0.6532	0.4659
3396	0.5852	-0.1957	-1.1394	0.4677
3397	0.9840	0.4937	-0.0937	0.4753
3398	0.2628	-1.5086	-0.3789	0.4886
3399	2.5236	-1.0051	-0.9338	0.4924
3400	0.7792	0.9995	-0.2693	0.4932
3401	-0.3815	0.1104	1.7481	0.5057
3402	1.7657	0.1002	-0.3241	0.5139
3403	2.0802	-0.0752	0.4494	0.5185
3404	1.5589	-0.2619	0.2662	0.5211
3405	1.4088	0.2317	-0.0728	0.5225
3406	-0.0595	0.7665	0.8957	0.5341
3407	-0.4765	-0.5162	1.0391	0.5342
3408	-0.5657	1.0982	0.8631	0.5330
3409	-0.6687	0.6484	0.9529	0.5321
3410	1.1891	0.6610	-0.1930	0.5524
3411	1.4427	-0.3887	0.6473	0.5738
3412	0.3776	1.5053	-0.1290	0.5846
3413	1.1348	-0.1777	0.8067	0.5879
3414	-2.0350	2.3740	1.4538	0.5976
3415	-0.2020	0.6710	1.3384	0.6025
3416	2.5739	0.4122	-1.0598	0.6421
3417	1.9053	0.0339	-0.0588	0.6491
3418	-0.0444	2.0805	-1.1345	0.6528
3419	1.9899	-0.6138	0.6709	0.6823
3420	-0.2003	1.4750	0.7941	0.6896
3421	2.2129	0.1004	-0.2402	0.6910
3422	0.8904	1.2941	-0.0743	0.7032
3423	2.3625	0.4316	-0.6034	0.7316
3424	4.0429	-0.6703	-1.1300	0.7475
3425	0.8224	1.8209	-0.4006	0.7476
3426	1.5071	-1.1367	-0.1951	0.7782
3427	2.3378	-0.2345	0.4494	0.8509
3428	2.0419	-0.0989	1.0208	0.8845
3429	1.3255	2.5558	-1.2204	0.8873
3430	1.5516	1.3092	-0.0946	0.9221
3431	2.1664	1.6817	-0.8667	0.9938
3432	3.8168	-1.7036	-0.9381	1.0171
3433	1.2100	4.2681	-2.4122	1.0220
3434	4.2303	0.1370	-1.2647	1.0342
3435	-0.4605	1.7482	1.8052	1.0476
3436	2.5988	1.1077	-0.4715	1.1082
3437	3.5344	-0.0604	-0.2989	1.2598
3438	1.8423	-0.4683	-0.6586	1.3091
3439	4.1014	-0.2749	-1.6425	1.8229
3440	-0.6014	NaN	NaN	-1.5520
3441	-0.8059	NaN	NaN	-0.9887
3442	-0.9671	NaN	NaN	-0.9671
3443	-0.8695	NaN	NaN	-0.8695
3444	-0.0476	-0.3688	NaN	-0.8043
3445	-0.4403	-1.0120	NaN	-0.7262
3446	NaN	-0.6591	NaN	-0.6594
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3451	-0.5082	NaN	NaN	-0.3996
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0	Q90SV6	Synapse-associated protein 1
0	Q77P55	C2 domain-containing protein 5
0	Q8R052	IQ motif and SEC7 domain-containing protein 1
0	P35288	Ras-related protein Rab-23
0	Q01721	Growth arrest-specific protein 1
0	Q55SH7	Zinc finger Z2-type and EF-hand domain-containing protein 1
0	Q9CKU1	Mediator of RNA polymerase II transcription subunit 31
0	Q8C0J8	Stonin-1
0	Q9JH95	V-type proton ATPase subunit a
0	Q8RUP5	Ankyrin repeat domain-containing protein 13A
0	Q5SV85	Synergism gamma
0	Q6PE86	MOB-like protein phocin
0	Q8C0L8	Conserved oligomeric Golgi complex subunit 5
0	Q9WU43	ATP-dependent 6-phosphofructokinase;ATP-dependent 6-phosphofructokinase, platelet type
0	Q8B1L0	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1
0	Q99MV1	Tudor domain-containing protein 1
0	Q9JUX1	Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein
0	Q9QX51	Plectin
0	P97R08	FXYD domain-containing ion transport regulator 5
0	Q77P22	E3 ubiquitin-protein ligase DZIP3
0	Z4YLD0	UPF0428 protein Xorf56 homolog
0	Q9DC9C	39S ribosomal protein L32, mitochondrial
0	P17095	High mobility group protein HMG-1/HMG-Y
0	Q6A009	E3 ubiquitin-protein ligase listerin
0	Q8C436	Protein-lysine methyltransferase METTL21D
0	Q6J756	Calpain-11
0	P01J28	Ras-related protein Rab-8b
0	Q9CQ25	Mitotic-spindle organizing protein 2
0	Q9EQN9	
0	Q9D0M0	Exosome complex exonuclease RRP42
0	Q8C61C	BAG family molecular chaperone regulator 4
0	Q9CR88	28S ribosomal protein S14, mitochondrial
0	Q9R9J4	Tetratricopeptide repeat protein 5
0	Q8K212	Phosphorin acidic cluster sorting protein 1
0	Q91WV3	Activating signal co-receptor 1 complex subunit 2
0	Q3U1V0	Endoplasmic reticulum metalloproteinase 1
0	Q9JMP6	Cdk41 effector protein 4
0	P59672	Ankyrin repeat and SAM domain-containing protein 1A
0	Q9D787	Peptidyl-prolyl cis-trans isomerase-like 2
0	P62484	Abi interactor 2
0	Q60778	NF-kappa-B inhibitor beta
0	P45377	Aldose reductase-related protein 2;Aldose reductase-related protein 1
0	T07042	Transmembrane protein 131
0	P16627	Heat shock 70 kDa protein 1-like
0	Q8B0R4	KAT8 regulatory NSL complex subunit 2
0	Q9C289	Trafficking protein particle complex subunit 6B
0	P06745	Glucose-5-phosphate isomerase
0	Q8C166	Copine-1
0	Q56618	AarF domain-containing protein kinase 4
0	Q62388	Serine-protein kinase ATM
0	P22518	Dual specificity protein kinase CLK1
0	Q8C8Q5	Phosphatidylinositol 4-kinase type 2-beta
0	Q55028	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial
0	Q9JHU3	Cyclin-dependent kinase 20
0	P25618	Platelet-derived growth factor receptor alpha
0	Q52407	Seriated muscle-specific serine/threonine-protein kinase
0	Q6A0C5	PAB-dependent poly(A)-specific ribonuclease subunit PAN3
0	P0C500	Uncharacterized serine/threonine-protein kinase SBK3
0	Q6J9G1	Tyrosine-protein kinase STYK1
0	Q62312	TGF-beta receptor type-2
0	Q07832	Serine/threonine-protein kinase PLK1
0	Q9D8U3	Serine/threonine-protein kinase RIO3
0	T07126	Aurora kinase B
0	Q55047	Serine/threonine-protein kinase tousel-like 2
0	P170424	Receptor tyrosine-protein kinase erbB-2;Receptor tyrosine-protein kinase erbB-4;ERBB4 intracellular
0	Q99AK8	Beta-adrenergic receptor kinase 1;Beta-adrenergic receptor kinase 2
0	Q91099	Mitogen-activated protein kinase kinase kinase 5
0	Q92240	3-phosphoinositide-dependent protein kinase 1
0	Q69241	Cyclin-dependent kinase 13
0	Q54784	Death-associated protein kinase 3
0	Q35280	Serine/threonine-protein kinase Chk1
0	P54763	Ephrin type-B receptor 2;Ephrin type-B receptor 1
0	Q05512	Serine/threonine-protein kinase MARK2
0	Q80X41	Serine/threonine-protein kinase VRK1
0	Q60823	RAC-beta serine/threonine-protein kinase
0	P70182	Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha
0	Q91KX8	Serine/threonine-protein kinase ATR
0	Q3U1U4	STE20-related kinase adapter protein alpha
0	Q61532	Mitogen-activated protein kinase 6
0	P97820	Mitogen-activated protein kinase kinase kinase kinase 2
0	Q8C078	Calcium/calmodulin-dependent protein kinase kinase 4
0	Q99PW4	TP53-regulating kinase
0	Q03141	MAP/microtubule affinity-regulating kinase 3
0	A2ZG49	Kalirin
0	Q14AK6	Cyclin-dependent kinase 12
0	Q99N57	Raf proto-oncogene serine/threonine-protein kinase
0	Q61161	Mitogen-activated protein kinase kinase kinase kinase 2
0	Q81116	Microtubule-associated serine/threonine-protein kinase 4
0	Q04735	Cyclin-dependent kinase 16
0	P97477	Aurora kinase A
0	P54754	Ephrin type-B receptor 3
0	Q91296	BMP-2-inducible protein kinase
0	Q88351	Inhibitor of nuclear factor kappa-B kinase subunit beta
0	Q62406	Interleukin-1 receptor-associated kinase 1
0	P15092	Fibroblast growth factor receptor;Fibroblast growth factor receptor 1;Fibroblast growth factor receptor 2
0	Q9CVP9	Protein-tyrosine kinase 2-beta
0	Q9JH52	Mitochondrial-like kinase 1
0	Q62074	Protein kinase C iota type
0	Q88G48	Serine/threonine-protein kinase 17B
0	Q35495	Cyclin-dependent kinase 14
0	Q922W1	Serine/threonine-protein kinase 25
0	Q9WUT6	Mitogen-activated protein kinase 9
0	Q92277	Tyrosine-protein kinase BAZ1B
0	Q55006	Leucine-rich repeat serine/threonine-protein kinase 2
0	Q80K14	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta
0	Q99M19	ATP-dependent RNA helicase DDX50
0	Q3U1D1	RNA-binding protein 40
0	Q8B0H8	Serpin-specific protease 7
0	Q93092	Transaldolase
0	Q8K217	REL-like protein 1
0	Q8CEC6	Peptidylprolyl isomerase domain and WD repeat-containing protein 1
0	P54099	DNA polymerase subunit gamma-1
0	Q9C2T4	DNA-directed RNA polymerase III subunit RPOC5
0	Q9E5K9	RBI-inducible coiled-coil protein 1
0	P34056	Transcription factor AP-2-alpha;Transcription factor AP-2-epsilon;Transcription factor AP-2-beta
0	P97314	Cysteine and glycine-rich protein 2
0	Q8C417	Transducin beta-like protein 3
0	P62492	Ras-related protein Rab-11A
0	E99Y12	
0	Q6PAQ4	RNA exonuclease 4
0	Q8C862	Centrobion
0	Q8R332	Nucleoporin p58/p45
0	P98192	Dihydroxyacetone phosphate acyltransferase
0	Q9CQX4	PCNA-associated factor
0	Q9CQ75	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2
0	P85094	Isochorismatase domain-containing protein 2A, mitochondrial

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Rab23	
Gas1	mmu:14451
Znf61	mmu:195018
Med31	mmu:67272
Ston1	mmu:77057
Tcigr1	mmu:27060
Ankrd13a	mmu:68420
Syngn	mmu:217030
Mob4	mmu:19070
Coq5	mmu:238123
Pfkf	mmu:56421
Smarc1	mmu:54380
Tdrd1	mmu:83561
Hspu1	mmu:64209
Plec	mmu:18810
Fxyd5	mmu:18301
Dzip3	mmu:224170
C330007P06Rik	
Mrlp32	mmu:75398
Hmgal1	mmu:15361
Ltn1	mmu:78913
Vcpkmt	mmu:207965
Capn11	mmu:268958
Rabb8b	mmu:235442
Nt2	mmu:72083
Slc19a2	mmu:116914
Exosc7	mmu:66446
Baq4	mmu:67384
Mpr14	mmu:64659
Ttc5	mmu:219022
Pacs1	mmu:107975
Emrp1	mmu:79452
Cdc42ep4	mmu:226090
Anks1;Ank	mmu:224650
Ppil2	mmu:66053
Abi2	mmu:32916
Nfkfb1	mmu:18036
Ank1b8;Ak	mmu:14187
Tmem31	mmu:13837
Usp1	mmu:15482
Kanu	mmu:69612
Trappc6b	mmu:78232
Cpne1	mmu:26669
Adck4	
Pdn2	mmu:11920
Clk1	mmu:12747
Pdk1b	mmu:13420
Bckdk	mmu:12041
Cdk20	mmu:105270
Pdgrfa	mmu:18595
Panc3	mmu:75857
Sbk3	mmu:321883
Stylk1	mmu:214365
Tlgtr2	mmu:218313
Rio3	mmu:66878
Aurbk	mmu:20877
Ttk	mmu:240086
Ilf1l;Erbb2;Erbb	mmu:13866
Adrbk1;Adk	mmu:110305
Mapk35	mmu:26408
Pdpk1	mmu:18607
Cdk13	mmu:69662
Chk1	mmu:12649
Dapk3	mmu:13844
Ephb2;Eph	mmu:13649
Mark2	mmu:137278
Prkci	mmu:22387
Pisp5k1a	mmu:11652
Strada	mmu:72149
Hsp47	mmu:25921
Mapk4	mmu:207561
Cannk2	mmu:76367
281040M8	mmu:69131
Kalrn	mmu:54515
Cdk12	mmu:69131
Raf1	mmu:31015
Mapk42	mmu:126412
Cdk16	mmu:18555
Aurka	mmu:20878
Ephb3	mmu:134875
Bmp2k	mmu:104780
Ikkb1	mmu:16150
ec;Fgf1;Fgf2	mmu:14182
Prkci	mmu:19129
Prkci	mmu:58026
Prkci	mmu:18759
Slc17b7	mmu:98267
Cdk14	mmu:18647
Slc2k5	mmu:59041
Mapk9	mmu:22480
Baz1b	mmu:232485
Pipk2b	mmu:166725
Lhr2	mmu:108008
Cnsp5	mmu:94244
Rncp3	mmu:67325
Talpo1	mmu:21051
Rel1	mmu:20353
Ppw2i	mmu:23883
Polg	
Polr3e	mmu:26939
Rbpc1	mmu:12493
Tf2a;Tf2b	mmu:12424
Csrp2	mmu:21308
Tf3	mmu:23077
Rrb1a	mmu:53869
Rntx0	mmu:227655
Renob	mmu:216840
Gnatp	mmu:17844
Unsp1	mmu:14742
Jaf	mmu:68026
Ndufa2	mmu:17991
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0	Q3U224	
0	Q80VJ2	Steroid receptor RNA activator 1
0	Q8R322	Nucleoporin GLE1
0	QAD0AGYKXMS	
0	Q80UE3	Mitofusin-2
0	E9QJ7E2	
0	Q6Q477	Calcium-transporting ATPase
0	Q8JCIE2	Zinc finger MIZ domain-containing protein 2
0	Q80Y44	Probable ATP-dependent RNA helicase DDX10
0	P70261	Paladin
0	Q7TMMK6	Protein Hook homolog 2
0	Q8BGR8	GSK3-beta interaction protein
0	Q7TUC7-2	
0	Q8R3C5	Probable RNA-binding protein 19
0	Q8QWRL1	WD repeat-containing protein 73
0	P10605	Cathepsin B;Cathepsin B light chain;Cathepsin B heavy chain
0	Q6Y5D8	Rho GTPase-activating protein 10
0	Q9D2R6	Cytochrome c oxidase assembly factor 3 homolog, mitochondrial
0	Q9D821	Inhibitor of nuclear factor kappa-B kinase-interacting protein
0	Q3TN34	MICAL-like protein 2
0	P63013	Paired mesoderm homeobox protein 1
0	Q3U0D0	WD repeat-containing protein 41
0	Q91VW5	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
0	Q6GVAD0	LEM domain-containing protein 2
0	Q9D9T1	Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial
0	Q8K396	Meiotic nuclear division protein 1 homolog
0	Q6PCM2	Integrator complex subunit 6
0	Q0VDT2	Zinc finger protein 367
0	Q68FH0	Plakophilin-4
0	Q80TA1	Ethanolaminephosphotransferase 1
0	Q8BGY7	Protein FAM210A
0	P09925	Surf1
0	Q5D5W34	Histone-lysine N-methyltransferase EHMT1
0	Q8K284	General transcription factor 3C polypeptide 1
0	Q91VE6	MK167 FHA domain-interacting nuclear phosphoprotein
0	Q3T170	Phospholipase B1, membrane-associated;Phospholipase A2;Lysophospholipase
0	Q8R1T1	Charged multivesicular body protein 7
0	Q9CWN7	CCRA-NOT transcription complex subunit 11
0	Q9D0A3	Complex III assembly factor LYRM7
0	Q8VDC0	Probable leucine-tRNA ligase, mitochondrial
0	Q8C150	Mediator of RNA polymerase II transcription subunit 19
0	Q9J1J1	Selenoprotein K
0	Q8R8M3	ADP-ribosylation factor-binding protein GGA3
0	Q9G1C1	Ubiquitin-conjugating enzyme E2 C
0	Q9CQV5	Magnesium transporter protein 1
0	Q7TMMV3	FAST kinase domain-containing protein 5
0	Q8VE92	RNA-binding protein 4B
0	Q8VIG0	Zinc finger CCHC domain-containing protein 14
0	Q8VEG6	CCRA-NOT transcription complex subunit 6-like
0	Q61009	Scavenger receptor class B member 1
0	Q3ZNY4	Metal transporter CNNM3
0	Q9Z2I9	Succinyl-CoA ligase [ADP-forming] subunit beta, mitochondrial
0	P97931	Uracil-DNA glycosylase
0	Q8RPM0	Dihydrated-associated activator of morphogenesis 1
0	Q3TQJ7	Uncharacterized protein C9orf78 homolog
0	P55302	Alpha-2-macroglobulin receptor-associated protein
0	Q9D8C3	Putative bifunctional UDP-N-acetylglucosamine transferase and deubiquitinase ALG13
0	Q8VCE6	U3 small nuclear RNA-associated protein 6 homolog
0	Q8QV86	Integrator complex subunit 8
0	B2RQG2	
0	Q8CQ02	Zinc fingers and homeoboxes protein 3
0	Q9ZD94	Paralemin-1
0	Q8R3U1	HRAS-like suppressor 3
0	Q9D915	Uncharacterized protein C8orf4 homolog
0	Q6R897	F-box/LRR-repeat protein 19
0	Q35S88	Syndecan-4
0	Q8R8E4	Sushi domain-containing protein 6
0	Q8C0I6	Ankyrin repeat domain-containing protein SOWAHC
0	Q8Q527	Guanine nucleotide-binding protein G(i)(G12)(G13) subunit gamma-5
0	Q9D0J8	Parathyrimosin
0	Q7TMY4	THO complex subunit 7 homolog
0	Q35075	Down syndrome critical region protein 3 homolog
0	Q9D8Y1	Transmembrane protein 126A
0	Q8VCF8	Adenylate kinase isoenzyme 6
0	E3XQ24	
0	Q62311	Transcription initiation factor TFIID subunit 6
0	Q09199	Sulfurtransferase;3-mercaptopropylate sulfurtransferase
0	Q80Y14	Glutaredoxin-related protein 5, mitochondrial
0	Q3TPX4	Exocyst complex component 5
0	Q80V11	E3 ubiquitin-protein ligase TRIM56
0	Q8CIV8	Tubulin-specific chaperone E
0	Q9R099	Transducin beta-like protein 2
0	Q5U4D9	THO complex subunit 6 homolog
0	Q93051	Transcriptional enhancer factor TEF-1;Transcriptional enhancer factor TEF-3;Transcriptional enhancer factor TEF-4
0	E5E537	
0	Q80VP1	Epsin-1
0	Q61578	NADPH:adenodoxin oxidoreductase, mitochondrial
0	P10630	Eukaryotic initiation factor 4A-I1;Eukaryotic initiation factor 4A-I1, N-terminally processed
0	Q9CWW0	Mitochondrial assembly of ribosomal large subunit protein 1
0	Q8R6X0	E3 ubiquitin-protein ligase TRIM23
0	Q8C561	LMNB1 domain-containing protein 2
0	Q8BU11	TOX high mobility group box family member 4
0	Q99MZ7	Peroxisomal trans-2-enoyl-CoA reductase
0	S4R2X0	
0	P0R122	Collagen alpha-2(IV) chain;Canstatin
0	Q3TFD2	Lysophosphatidylcholine acyltransferase 1
0	P11276	Fibronectin;Anastellin
0	Q8R870	Protein YIPF;Protein YIPF6
0	Q60862	Origin recognition complex subunit 2
0	Q62141	Paired amphipathic helix protein Sin3b
0	P05202	Aspartate aminotransferase, mitochondrial
0	P63044	Vesicle-associated membrane protein 2
0	Q3U1JM7	
0	Q9D0R6	Intersectin-2
0	Q91WN1	Dnai1 homolog subfamily C member 9
0	Q0H438	Tetratricopeptide repeat protein 21B
0	Q8VCG3	WD repeat-containing protein 74
0	E9QAH1	
0	Q99M04	Lipoyl synthase, mitochondrial
0	Q9CYA6	Zinc finger CCHC domain-containing protein 8
0	Q8BGR9	Ubiquitin-like domain-containing CTD phosphatase 1
0	Q8R3V2	
0	Q8VCLW8	Acyl-CoA synthetase family member 2, mitochondrial
0	Q35R74	Neutral amino acid transporter Amino acid transporter
0	P75425	POU domain protein POU domain, class 2, transcription factor 1
0	Q9CKX8	60S ribosome subunit biogenesis protein NIP7 homolog
0	Q9D074	E3 ubiquitin-protein ligase MGRN1
0	Q99P58	Ras-related protein Rab-27B
0	Q8R810	Serine/threonine-protein phosphatase PGAM5, mitochondrial
0	Q9QY42	Mitochondrial import receptor subunit TOM40 homolog
0	Q922E6	FAST kinase domain-containing protein 2
0	Q9D8M3	Heme transporter HRG1
0	Q8R8U0	Transmembrane and TPR repeat-containing protein 3
0	Q9JFK6	Nectin-1

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Palad1	mmu:27355
Hook2	mmu:170833
Gskip	mmu:66787
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Ctcb	mmu:13030
Arhgap10	mmu:78514
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Wdr41	mmu:218460
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Fam210a	mmu:108654
Surf1	mmu:20930
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Cnot11	mmu:52846
Lyrm7	mmu:75530
Lars2	mmu:102436
Med19	mmu:381379
Selk	mmu:80795
Gga3	mmu:260302
Ube2c	mmu:68612
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Fastkd5	mmu:380601
Rbm4b	mmu:66704
Zcchc14	mmu:142682
Cnot6	mmu:231464
Scarb1	mmu:20778
Cnnm3	mmu:94218
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Ung	mmu:22256
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Lrpap1	mmu:16976
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Utp6	mmu:216987
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0	Q810V0	U3 small nucleolar ribonucleoprotein protein MPP10
0	L7N236	
0	P56960	Exosome component 10
0	P035242	Protein FAN
0	Q695C09	Glucose-6-phosphatase 3
0	Q019V5	Serine protease HTRA2, mitochondrial
0	Q08L74	General transcription factor 3C polypeptide 2
0	Q01LC6	Thyrotroph embryonic factor
0	Q54754	Aldehyde oxidase 1
0	P84091	AP-2 complex subunit mu
0	G5E8P0	
0	Q092E1	Methyl-CpG-binding domain protein 2
0	Q9CX60	Protein LbH
0	Q91VU0	Protein FAM3C
0	Q6C9P6	Inhibitor of Bruton tyrosine kinase
0	Q08R22	Cirhin
0	Q3U0K1	TRAF-type zinc finger domain-containing protein 1
0	P83877	Thioredoxin-like protein 4A
0	Q09178	Differentially expressed in FDCP 8
0	Q54879	High mobility group protein B3
0	Q6NWW5	Kinesin-like protein KIF24
0	Q6CQW07	
0	Q09WU40	Inner nuclear membrane protein Man1
0	P091335	TFIIH basal transcription factor complex helicase XPB subunit
0	Q8C9C6	Ras association domain-containing protein 8
0	Q09D2N9	Vascular protein sorting-associated protein 33A
0	Q01W78	RNA-binding protein 47
0	Q80UU1	Ankyrin repeat and zinc finger domain-containing protein 1
0	Q70157	DNA topoisomerase;DNA topoisomerase 3-alpha
0	Q09D211	COX2AIP N-terminal-like protein
0	Q88X17	ADP-ribosylation factor-related protein 1
0	Q88XQ2	GPI transamidase component PIG-T
0	Q81Z74	Mitochondrial ribonuclease P protein 3
0	Q9CJ2T5	Proteasome maturation protein
0	Q09124	Ubiquitin-conjugating enzyme E2 J1
0	P04946	Receptor-type tyrosine-protein phosphatase epsilon
0	P97371	Proteasome activator complex subunit 1
0	Q922Y8	Proline synthase co-transcribed bacterial homolog protein
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0	Q020R4	Intersectin-1
0	Q8R179	Kelch repeat and BTB domain-containing protein 4
0	Q5UAK0	Mesoderm induction early response protein 1
0	Q9Q2CW0	Phospholipid-transporting ATPase;Phospholipid-transporting ATPase 11C
0	P030276	G2/M-totic-specific cyclin-B2
0	Q88LV8	Protein GPR107
0	Q01I00	DNA polymerase eta
0	Q8C021	Protein TTFG3
0	Q099M87	DnaI homolog subfamily A member 3, mitochondrial
0	Q4VC33	Macrophage erythroidal attacker
0	Q9CQR4	Acyl-coenzyme A thioesterase 13;Acyl-coenzyme A thioesterase 13, N-terminally processed
0	Q88HL7	CDC42 small effector protein 1
0	Q8C398	Phosphatidylinositol-glycan biosynthesis class W protein
0	Q9D5T0	ATPase family AAA domain-containing protein 1
0	Q9P0D03	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform
0	Q01W59	RNA-binding motif, single-stranded-interacting protein 1
0	Q8VCN9	Tubulin-specific chaperone C
0	E9Q0P9	
0	Q88M72	Heat shock 70 kDa protein 13
0	Q92059	Prelylated Rab acceptor protein 1
0	Q921G3	V-type proton ATPase subunit C 1
0	Q090L6	Pericentriolar material 1 protein
0	Q9D8N9	Probable ATP-dependent RNA helicase DDX59
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0	Q88M77	Cell growth regulator with RING finger domain protein 1
0	P06762	Mortality factor 4-like protein 1
0	Q80HP6	Polyhomeotic-like protein 3
0	Q9DC24	Apolipoprotein O
0	A2R7L5	Arginine/serine-rich coiled-coil protein 2
0	Q6P458	Integrator complex subunit 1
0	P10417	Apoptosis regulator Bcl-2
0	E9Q6R4	
0	P0D0V2	
0	P21107	Tropomyosin alpha-3 chain
0	Q8R150	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial
0	Q9D7J9	Enoyl-CoA hydratase domain-containing protein 3, mitochondrial
0	P56581	G/T mismatch-specific thymine DNA glycosylase
0	Q80X32	UPF061 protein Csf24 homolog
0	Q3U1U2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6
0	Q3U699	Protein C21orf2 homolog
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0	Q88236	RAD50-interacting protein 1
0	P97329	Kinesin-like protein KIF20A
0	Q01Y70	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
0	Q92207	Protein diaphanous homolog 3
0	P93429	TNF receptor-associated factor 2
0	Q92148	Histone-lysine N-methyltransferase EHMT2
0	Q8C181	Calmodulin-regulated spectrin-associated protein 2
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0	Q9CV28	Protein FAM188A
0	Q88G17	Survival of motor neuron-related-splicing factor 30
0	Q88559	Menin
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0	Q01U44	DNA methyltransferase 1-associated protein 1
0	Q9CR62	Mitochondrial 2-oxoglutarate/malate carrier protein
0	Q88GQ6	EF-hand calcium-binding domain-containing protein 14
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0	Q9QYC5	Kinetochore-associated protein DSN1 homolog
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0	Q9D486	C-Maf-inducing protein
0	Q77QK5	Coiled-coil domain-containing protein 93
0	Q88T77	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit C
0	Q9CQE1	Protein NipSnap homolog 3B
0	Q88R64	F-box only protein 2B
0	Q9CP26	ORML1-like protein 3
0	Q920P7	Suppressor of fused homolog
0	P53798	Squalene synthase
0	Q9CRA9	FGFR1 oncogene partner 2 homolog
0	Q91MB0	G kinase-anchoring protein 1
0	Q8R395	COMM domain-containing protein 5
0	Q88FW4	Tripartite motif-containing protein 65
0	A2ANX3	Phospholipid-transporting ATPase
0	Q99KN2	Probable cytosolic iron-sulfur protein assembly protein CIAO1
0	Q9CUL6	OTU domain-containing protein 1
0	A2A025	Sickle tail protein
0	Q80T4E	Signal-induced proliferation-associated 1-like protein 2
0	Q64321	Zinc finger and BTB domain-containing protein 7B
0	P28704	Retinoic acid receptor RXR-beta
0	Q9D710	Thioredoxin-related transmembrane protein 2
0	Q77N22	Thioredoxin domain-containing protein 16
0	Q9CY77	Protein slowmo homolog 2
0	Q8R3W5	tRNA-splicing endonuclease subunit Sen15
0	P48758	Carbonyl reductase [NADPH] 1

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Pigw	mmu:70325			
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Cu9				
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Lin9				
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Rint1	mmu:72772			
Kif20a	mmu:19348			
Ndufv1	mmu:17995			
Diap3;Diap	mmu:56419			
Traf2	mmu:22030	1		1
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Sufu	mmu:24069			
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Ciao1	mmu:26371			
Ottd1	mmu:71198			
Et4;Sk1	mmu:208618			
Sipa1l2	mmu:244668			
Zbtb7b	mmu:22724			
Rorb	mmu:20182			
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0	Q8BUJ3	Leucine-rich repeat and WD repeat-containing protein 1
0	Q61160	FAS-associated death domain protein
0	D9Y9A7	Dehydrogenase/reductase SDR family member 7B
0	Q9D0A3	Mitochondrial glutamate carrier 1
0	Q9D0A7	AFG3-like protein 1
0	Q9R0C0	Biogenesis of lysosome-related organelles complex 1 subunit 6
0	Q08696	Forkhead box protein M1
0	Q8BI56	Patatin-like phospholipase domain-containing protein 2
0	Q8BZN6	Dedicator of cytokinesis protein 10
0	Q53216	Histone H3-like centromeric protein A
0	P9Y315	Cysteine and glycine-rich protein 1
0	Q9D0C7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
0	Q91WM1	Spermatid perinuclear RNA-binding protein
0	P9Y352	Protein S100-A13
0	Q8OUK7	Spindle assembly abnormal protein 6 homolog
0	Q53963	Ras-related protein Rab-33B
0	Q78W99	Ubiquitin domain-containing protein UBFD1
0	Q99X30	Epidermal growth factor receptor kinase substrate 8-like protein 2
0	Q9CQA5	Mediator of RNA polymerase II transcription subunit 4
0	Q55126	Protein NipSnap homolog 2
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0	Q7TMM6	Cytosolic Fe-S cluster assembly factor NARFL
0	Q9ZCQ6	Septin-5
0	Q9E5W4	Acylglycerol kinase, mitochondrial
0	Q8C7Q3	Intron-binding protein aquarius
0	Q3UFB2	Box C/D snoRNA protein 1
0	EPN1W69	Epsin-3
0	EP9WW99	Protein capicua homolog
0	Q924A2	SUN domain-containing protein 1
0	Q9D666	MPN domain-containing protein
0	Q3TVE5	60S ribosomal protein L18a
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0	Q9C7M5	DAZ-associated protein 1
0	Q9D1U5	GC-rich sequence DNA-binding factor 2
0	Q8K8T3	Carbonic anhydrase 5B, mitochondrial
0	Q9QZAO	Integrator complex subunit 10
0	Q8KZAT	WD repeat-containing protein 82
0	Q3US87	Inactive phospholipase C-like protein 1
0	Q8RZW9	Pantothenate kinase 3
0	Q9D8N5	Lon protease homolog 2, peroxisomal
0	Q8K007	Tail-anchored protein insertion receptor WRB
0	Q8K450	DEP domain-containing protein 1A
0	Q6A318	Zinc finger E-box-binding homeobox 1
0	A6X8Z5	Rho GTPase-activating protein 1
0	Q7T700	Transcription factor SPT20 homolog
0	Q80Y56	Actin filament-associated protein 1
0	Q9CX11	Probable glutamate-tRNA ligase, mitochondrial
0	Q8VCH6	Delta(24)-sterol reductase
0	Q6Z245	Son of sevenless homolog 1
0	Q70Z79	Protein DGCR14
0	Q9D8N1	Uncharacterized protein C11orf24 homolog
0	Q8BRJ3	Forward box protein B3
0	Q8BRJ8	39S ribosomal protein L22, mitochondrial
0	Q9D864	Actin-related protein 6
0	P6Z141	Serine/threonine-protein phosphatase PP1-beta catalytic subunit
0	Q99M87	RING finger protein 141
0	Q8BQZ5	Cleavage and polyadenylation specificity factor subunit 4
0	Q6NQC4	PAX-interacting protein 1
0	Q8C3W1	Uncharacterized protein C1orf198 homolog
0	Q91ZEO	Trimethyllysine dioxygenase, mitochondrial
0	Q9DA15	Mitochondrial tRNA-specific 2-thiouridylase 1
0	Q5-0544	Choline kinase alpha
0	P60882	Multiple epidermal growth factor-like domains protein 8
0	Q6PFD6	Kinesin-like protein KIF18B
0	P35279	Ras-related protein Rab-6A
0	Q5H2I9	Solute carrier family 25 member 51
0	Q9D0C4	tRNA (guanine(37)-N1)-methyltransferase
0	Q91WG3	Probable tRNA pseudouridine synthase 2
0	Q8QZT7	EKC/KEOPS complex subunit TrpKb
0	Q8K1J6	CCA tRNA nucleotidyltransferase 1, mitochondrial
0	Q55153	BET1-like protein
0	Q99M51	Cytoplasmic protein NCK1
0	Q91U13	UDAP-glucuronic acid decarboxylase 1
0	Q9E5W8	Pyroglutamy-peptidase 1
0	Q9C9C8	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
0	Q3ULD5	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial
0	Q99R11	Sideroflexin-1
0	Q3V300	Kinesin-like protein KIF22
0	Q61666	Protein HIRA
0	P58774	Tropomyosin beta chain
0	Q9DQZ8	Core histone macro-H2A.1
0	P61219	DNA-directed RNA polymerases I, II, and III subunit RPABC2
0	Q9C8U5	Clathrin light chain B
0	Q70133	ATP-dependent RNA helicase A
0	D3YWT1	Peptidyl-prolyl cis-trans isomerase B
0	P24369	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3
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0	Q7TQK4	Exosome complex component RRP40
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0	Q8BP97	Rhomboid domain-containing protein 3
0	Q8BW94	Dynein heavy chain 3, axonemal
0	Q01147	Cyclic AMP-responsive element-binding protein 1
0	Q9Q5F9	Histone-lysine N-methyltransferase SETD2
0	Q9R089	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2
0	Q8C954	Coiled-coil domain-containing protein 186
0	Q6P1J4	Nuclear factor related to kappa-B-binding protein
0	Q6Z048	Astrocytic phosphoprotein PEA-15
0	Q8QZ11	Ras-related protein Rap-2a
0	Q99LM9	Transcriptional adapter 1
0	P61339	Nuclear transcription factor Y subunit beta
0	Q9Z258	Kinesin-like protein KIF2C/Kinesin-like protein
0	Q9JHC9	ETS-related transcription factor EIf-2
0	Q9D9L3	
0	Q8K4Z3	NAD(P)H-hydrate epimerase
0	Q8R035	Peptidyl-RNA hydrolase ICT1, mitochondrial
0	Q8B531	Palmitoyl-protein thioesterase 1
0	P51432	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3
0	Q8K327	Chromosome alignment-maintaining phosphoprotein 1
0	Q8R3F5	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial
0	Q6D0D5	PWWP domain-containing protein MUM1
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0	Q9CZV5	STAGA complex 65 subunit gamma

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0	P62821	Ras-related protein Rab-1A
0	P09450	Transcription factor Jun-B
0	Q8I202	AFG3-like protein 2
0	A2A671	Cerebellar degeneration-related protein 2-like
0	O54786	DNA fragmentation factor subunit alpha
0	Q91W39	Nuclear receptor coactivator 5
0	Q09U18	Dehydrodicholyl diphosphate synthase complex subunit Nus1
0	Q9WTS2	Alpha-(1,6)-fucosyltransferase
0	Q61466	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 1
0	Q3U5F4	YrdC domain-containing protein, mitochondrial
0	Q35900	U6 snRNA-associated Sm-like protein Lsm2
0	Q9D0G0	28S ribosomal protein S30, mitochondrial
0	Q9ZL13	Transmembrane and coiled-coil domain-containing protein 1
0	P9V007	
0	Q61464	Zinc finger protein 638
0	Q91VX9	Transmembrane protein 168
0	Q8VE42	Ankyrin repeat domain-containing protein 49
0	Q9D896	Neurogulin
0	Q88V3	Ran-binding protein 6
0	Q9D8B6	Protein FAM210B
0	Q8R0X0	28S ribosomal protein S10, mitochondrial
0	Q9Z1X9	Protein disulfide-isomerase A5
0	Q9C7L5	Golgi-associated plant pathogenesis-related protein 1
0	Q9C678	Apoptosis-stimulating of p53 protein 2
0	Q9C0X0	2-methoxy-6-poly(phenyl)-1,4-benzoquinone methylase, mitochondrial
0	P59110	Sentrin-specific protease 1
0	F6VFS9	Guanylate cyclase
0	Q8K1N4	Spermatogenesis-associated serine-rich protein 2
0	Q70546	Lysine-specific demethylase 6A
0	Q9CQE6	Histone chaperone ASF1A
0	Q8R307	Vacuolar protein sorting-associated protein 18 homolog
0	Q9D8X2	Coiled-coil domain-containing protein 124
0	Q8R8T8	HAUS augmin-like complex subunit 7
0	Q55500	DBF4-type zinc finger-containing protein 2 homolog
0	Q8C3X8	Lipase maturation factor 2
0	Q6PCN7	Helicase-like transcription factor
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0	Q9CR20	Immediate early response 3-interacting protein 1
0	Q6NZF1	Zinc finger CCH domain-containing protein 11A
0	Q60772	Cyclin-dependent kinase 4 inhibitor C
0	Q9D8W3	Protein NATD1
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0	Q9C0P2	RNA1-activating mini protein
0	Q8R0X2	DNA-directed RNA polymerase I subunit RPA49
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0	Q60929	Myocyte-specific enhancer factor 2A
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0	Q88HN5	RNA-binding protein 45
0	Q88H58	Syntaxin
0	Q9WVG6	Histone-arginine methyltransferase CARM1
0	P27790	Major centromere autoantigen 8
0	Q91V83	TELO2-interacting protein 1 homolog
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0	Q640L5	Coiled-coil domain-containing protein 18
0	Q08908	Phosphatidylinositol 3-kinase regulatory subunit beta
0	Q9EQR6	Fanconi anemia group G protein homolog
0	Q8VEM1	E3 ubiquitin-protein ligase RNF130
0	Q3TLR7	Denticleless protein homolog
0	Q91V24	ATP-binding cassette sub-family A member 7
0	Q8VCB2	Mediator of RNA polymerase II transcription subunit 25
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0	P50295	Arylamine N-acetyltransferase 2;Arylamine N-acetyltransferase 3;Arylamine N-acetyltransferase 4
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0	Q3U1V6	Ubiquitin-conjugating enzyme E2 variant 3
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0	Q9CZT5	Vasorin
0	Q88665	Bromodomain-containing protein 7
0	B1APX2	Uncharacterized protein KIAA0930 homolog
0	Q35730	E3 ubiquitin-protein ligase RING1
0	Q9D9K3	Cell death regulator Aven
0	Q8R8Q3	Protein FAM73B
0	Q5V0C5	Transcription termination factor 2
0	Q9EP72	ER membrane protein complex subunit 7
0	P58069	Ras GTPase-activating protein 2
0	Q8R8G8	Transmembrane protein 209
0	Q9J1L8	Serine-tRNA ligase, mitochondrial
0	Q80T95	Vacuolar protein sorting-associated protein 13B
0	Q08664	B-cell CLL/lymphoma 7 protein family member C
0	Q9CWG9	Biogenesis of lysosome-related organelles complex 1 subunit 2
0	P97355	Spermine synthase
0	Q9C4D0	39S ribosomal protein L49, mitochondrial
0	Q8C877	Transcription elongation factor B polypeptide 3
0	Q8RWR4	Ubiquitin carboxyl-terminal hydrolase 40
0	Q80V98	Phospholipase DDHD2
0	P54818	Galactocerebrosidase
0	A2AFQ9	Gemin5
0	P03975	IgE-binding protein
0	A0A0G2JE89	Phospholipid-transporting ATPase
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0	P49282	Natural resistance-associated macrophage protein 2
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0	Q80U54	Actin-related protein 5
0	Q8CE50	Sorting nexin-30
0	Q6ZQ14	WD repeat-containing protein 43
0	Q64331	Unconventional myosin-VI
0	Q9D0B1	UDP-N-acetylglucosamine transferase subunit ALG14 homolog
0	P21619	Lamin-B2
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0	P01103	UBX domain-containing protein 6
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0	P40630	Transcription factor A, mitochondrial

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0	Q8Q029	WD and tetratricopeptide repeats protein 1
0	Q9GZM4	Tumor necrosis factor receptor superfamily member 10B
0	Q8B396	GpE protein homolog 2, mitochondrial
0	Q6ZPR5	Sphingomyelin phosphodiesterase 4
0	Q9D670	Nitric oxide synthase-interacting protein
0	P35411	Thrombospondin-1
0	80V2N1	Receptor-type tyrosine-protein phosphatase 5
0	Q8BVE8	Histone-lysine N-methyltransferase NSD2
0	P15702	Leukosialin
0	P49722	Proteasome subunit alpha type-2
0	Q9D020	Cytosolic 5-nucleotidase 3A
0	Q29I05	Muscleblind-like protein 1
0	Q68FG2	
0	Q35954	Membrane-associated phosphatidylinositol transfer protein 1
0	Q8B809	Retinoblastoma-binding protein 5
0	Q9WUJ7	Cathepsin Z
0	Q99ML1	Bcl-2-binding component 3
0	Q9JX30	Origin recognition complex subunit 3
0	Q80TCS	Pogo transposable element with KRAB domain
0	Q8BUN5	Mothers against decapentaplegic homolog 3
0	Q9QUG2	Rab proteins geranylgeranyltransferase component A 1
0	Q9EPT5	Solute carrier organic anion transporter family member 2A1
0	Q9W0G5	Synaptotagmin-2
0	P51791	Chloride channel protein(HCl-) exchange transporter 3
0	Q912P6	NEDD4 family-interacting protein 2
0	E9Q4Z2	Acetyl-CoA carboxylase 2:Biotin carboxylase
0	P36552	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial
0	Q9C296	Zinc finger CCHC-type and RNA-binding motif-containing protein 1
0	Q8B855	Golgi pH regulator
0	Q80UY1	UPF0586 protein C9orf41 homolog
0	Q9CWX9	Probable ATP-dependent RNA helicase DDX47
0	P43135	CDUP transcription factor 2
0	Q8B8W5	Neuronal calcium sensor 1
0	Q8R205	Zinc finger CCHC domain-containing protein 10
0	Q9CQL5	39S ribosomal protein L18, mitochondrial
0	Q9WVA2	Mitochondrial import inner membrane translocase subunit Tim8 A/Putative mitochondrial import
0	Q8C7E7	Starch-binding domain-containing protein 1
0	Q55WV4	Mediator of RNA polymerase II transcription subunit 13
0	Q9WU80	RanBP-type and C3HC4-type zinc finger-containing protein 1
0	Q8C147	Dedicator of cytokinesis protein 8
0	Q9WUL7	ADP-ribosylation factor-like protein 3
0	Q70700	DNA-directed RNA polymerase I subunit RPA2
0	Q9D8Y0	EF-hand domain-containing protein D2
0	Q8CGG6	RNA-binding protein 28
0	Q8H178	Sec1 family domain-containing protein 2
0	Q08586	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase 1
0	A2ADAE	39S ribosomal protein L51, mitochondrial
0	Q9CPY1	YEATS domain-containing protein 2
0	Q3TUF7	Vacuolar protein sorting-associated protein 41 homolog
0	Q5K1J9	NEDD8
0	P25955	TERF1-interacting nuclear factor 2
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0	Q9JIA4	Zinc finger protein 740
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0	F7FCAS	
0	A2AHCS	Calmodulin-regulated spectrin-associated protein 1
0	Q32P12	Uncharacterized protein C1orf53 homolog
0	Q6A037	NEDD4-binding protein 1
0	Q9JIA7	Sphingosine kinase 2
0	D3Z2R5	
0	Q9JUL5	Elongation of very long chain fatty acids protein 1
0	Q9J2M2	SH2B adapter protein 1
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0	Q3UEB3	Poly(U)-binding-splicing factor PUF60
0	Q9CZ99	ER membrane protein complex subunit 4
0	Q8R2U2	
0	Q91V81	RNA-binding protein 42
0	P54923	[Protein ADP-ribosylarginine] hydrolase
0	Q02013	Aquaporin-1
0	Q8B8H4	Histone-lysine N-methyltransferase;Histone-lysine N-methyltransferase 2C
0	Q9DZK0	Acetoacetyl-CoA synthetase
0	Q8A4V7	Hermansky-Pudlak syndrome 6 protein homolog
0	Q99KW3	TRO and F-actin-binding protein
0	Q91V44	DENN domain-containing protein 2D
0	Q8B8E9	Intraflagellar transport protein 74 homolog
0	Q9D0D2	Protein Hikeshi
0	P08249	Malate dehydrogenase, mitochondrial
0	Q9WTO8	Mitochondrial import inner membrane translocase subunit Tim23
0	Q3UHX0	Nucleolar protein 8
0	Q81051	Calcium uniporter regulatory subunit MCUb, mitochondrial
0	A0A087WPH7	
0	Q9CWT9	Kinesin-like protein KIFC1
0	Q6P693	Poly(UDP-N-acetylgalactosaminyltransferase 2;Poly(UDP-N-acetylgalactosaminyltransferase 2
0	Q8C522	Endonuclease domain-containing 1 protein
0	Q35207	Cyclin-dependent kinase 2-associated protein 1
0	Q80TN7	Neuron navigator 3;Neuron navigator 1
0	Q8CSW3	Tubulin-specific chaperone cofactor E-like protein
0	Q9R078	5-AMP-activated protein kinase subunit beta-1
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0	P29452	Caspase-1;Caspase-1 subunit p20;Caspase-1 subunit p10
0	P47226	Testin
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0	Q8K1C9	Leucine-rich repeat-containing protein 41
0	Q3T2M9	GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase
0	Q3U6U5	Putative GTP-binding protein 6
0	A0A0G2JEY4	Uncharacterized protein C7orf50 homolog
0	Q9J9I8	Protein kinase C and casein kinase II substrate protein 3
0	Q8BFY6	Peflin
0	Q9D114	Guanosine-3,5-bis(diphosphate) 3-pyrophosphohydrolase MESH1
0	Q5EBP3	Armadillo repeat-containing protein 5
0	Q9R1P3	Proteasome subunit beta type-2
0	Q9CQH4	Transcription initiation factor TFIID subunit 8
0	Q8B708	Origin recognition complex subunit 4
0	Q8U0U4	E3 ubiquitin-protein ligase Praja-2
0	Q91U25	Inositol monophosphatase 2
0	Q9WVK0	Type-1 angiotensin II receptor-associated protein
0	Q6A0A2	La-related protein 4B
0	Q912B7	Mas-related G-protein coupled receptor member E
0	Q8QZ53	Follistatin
0	P58466	Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1
0	Q9Q8E9	pre-rRNA processing protein FTSJ3
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0	Q00A20	GA-binding protein subunit beta-1
0	Q01237	3-hydroxy-3-methylglutaryl coenzyme A reductase;3-hydroxy-3-methylglutaryl-coenzyme A reduct
0	Q9CR25	Diphthamide biosynthesis protein 2
0	Q91WK7	Ankyrin repeat domain-containing protein 54
0	Q7TMM2	3-5 exoribonuclease 1
0	Q91VNO	Low-density lipoprotein receptor-related protein 5
0	Q9D853	ADP-ribosylation factor GTPase-activating protein 3
0	Q8R2R6	Mitochondrial ribosome-associated GTPase 1
0	G64FW2	All-trans-retinol 13,14-reductase

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0	Q0VGY8	Protein TANC1	Tanc1
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0	Q3UVL4	Vacuolar protein sorting-associated protein 51 homolog	Vps51
0	P48725	Pericentrin	Pcnt
0	Q921E6	Polycarbonyl protein EED	Eed
0	Q90786	HAUS augmin-like complex subunit 5	Haus5
0	Q3U487	E3 ubiquitin-protein ligase HECTD3	Hectd3
0	Q61543	Golgi apparatus protein 1	Glg1
0	Q9Q2H6	Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial	Escit
0	A2AQC1		Dhx35
0	Q77PE5	Probable RNA polymerase II nuclear localization protein SLC7A60S	Slc7a60s
0	Q6P615	Mycophenolic acid acyl-glucuronide esterase, mitochondrial	Abhd10
0	Q88G50	Protein MAK16 homolog	Mak16
0	Q8VQC3	Nuclear receptor-binding factor 2	Nrbf2
0	Q91V74	Carbonyl reductase family member 4	Cbr4
0	Q6C2K0	Condensin-2 complex subunit D3	Ncapd3
0	Q8CCM6-2		
0	Q9CQL4	39S ribosomal protein L20, mitochondrial	Mrlp20
0	Q9CR00	26S proteasome non-ATPase regulatory subunit 9	Psm9
0	Q8VECA	Calcium homeostasis modulator protein 2	Calhm2
0	P56389	Cytidine deaminase	Cda
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0	Q91W57	DEP domain-containing protein 7	Depdc7
0	Q9CZG3	COMM domain-containing protein 8	Comm8
0	Q9D3E6	Cohesin subunit SA-1	Stag1
0	Q8C7Q4	RNA-binding protein 4	Gm21992i
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0	A2A4Z2	Activating molecule in BECN1-regulated autophagy protein 1	Ambrn1
0	Q3UHA3	Spatzian	Spg11
0	Q3TL26	Dimethyladenosine transferase 2, mitochondrial	Gm1818;Tl
0	E9PVP1		Aim1
0	Q68F14	Adenosylhomocysteinase;Putative adenosylhomocysteinase 3	Ahcy12
0	Q9CR80	Sorting nexin-24	Snx24
0	Q9CR89	MICOS complex subunit Mic19	Chchd3
0	Q9JH22	Progressive ankylosis protein	Ankh
0	Q88GB8	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial	Coq4
0	Q9R0M8	UDP-glucose translocator	Slc35a2
0	Q3ULF4	Paragiglin	Spg7
0	Q9CWS4	Integrator complex subunit 11	Cpf3l
0	F6ZD04	Nucleoprotein TPR	Tpr
0	Q6UWR6	Myosin-14	Mylh14
0	Q08601	Microsomal triglyceride transfer protein large subunit	Mttp
0	Q9CQL0	Protein N-lysine methyltransferase METTL21A	Mettl21a
0	Q03347	Runt-related transcription factor 1	Runx1
0	Q9D0B6	Serine/Arginine-related protein 53	Rsrc1
0	Q9C0R6	Serine/threonine-protein phosphatase 6 catalytic subunit;Serine/threonine-protein phosphatase 6	Ppp6c
0	P6Z700	Protein yippee-like 5	Ypel5
0	Q9PBA9	General transcription factor IIH subunit 1	Gtf2h1
0	Q6Q866	Phosphotriesterase-related protein	Pter
0	P59114	Phosphorylated CTD-interacting factor 1	Pcf1
0	Q79221		Try10
0	Q924H2	Mediator of RNA polymerase II transcription subunit 15	Med15
0	Q8K4D3	Proton-coupled amino acid transporter 1	Slc36a1
0	Q9D011	M-phase-specific PLK1-interacting protein	Gm7102;V
0	Q925N2	Sideroflexin-2	Sfxn2
0	P29352	Protein-tyrosine-phosphatase;Tyrosine-protein phosphatase non-receptor type 22	Ptpn22
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0	Q8R080	G2 and 5 phase-expressed protein 1	Gse1
0	Q77ME2	Sperm-associated antigen 5	Spag5
0	Q8K3G9	DCC-interacting protein 13-beta	Appl2
0	P63260	Actin, cytoplasmic 2;Actin, cytoplasmic 2, N-terminally processed	Actg1
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0	Q6NS82	Protein FAM134A	Fam134a
0	Q9C085	Mitochondrial import inner membrane translocase subunit Tim22	Timm22
0	Q9CY28	GTP-binding protein 8	Gtpbp8
0	Q8CE96	tRNA [adenine(58)-N(1)]-methyltransferase non-catalytic subunit TRM6	Trm6
0	Q8C3A0	Iron-sulfur cluster co-chaperone protein Hsc68, mitochondrial	Hsc68
0	Q9D0V7	Receptor-binding cancer antigen expressed on SiSo cells	Ebag9
0	Q9D727	Uncharacterized protein C6orf226 homolog	
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0	Q8U67		231006104Rik
0	P73708	Nuclear transcription factor Y subunit alpha	Nfyb
0	Q9C0W0	Diphthine synthase	Dph5
0	P10810	Monocyte differentiation antigen CD14	Cd14
0	Q3UJU9	Regulator of microtubule dynamics protein 3	Rmdn3
0	E9PVG2		Trappc8
0	Q6P3A8	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial	Bckdhhb
0	Q8CHY3	Dymedlin	Dym
0	P61963	DOB1- and CUL4-associated factor 7	Dcaf7
0	Q88H55	Threonine synthase-like 1	Thns11
0	Q9C394	Protein RUF3	Rufy3
0	Q8D7V8	CLIP-associating protein 1	Clasp1
0	Q8R2L5	28S ribosomal protein S18c, mitochondrial	Mrps18c
0	Q04G90	Neurofilomin	Nfl
0	Q9D032	Single-stranded DNA-binding protein 3	Ssbp3
0	Q6Q605	NACHT, LRR and PYD domains-containing protein 4F	Nlrp4f
0	Q88H65	Protein DENND6A	Dennd6a
0	Q6PDK2	Histone-lysine N-methyltransferase;Histone-lysine N-methyltransferase 2D	Kmt2d
0	Q6DFV5	Probable helicase with zinc finger domain	Helz
0	Q88M87	Lethal[3]malignant brain tumor-like protein 3	L3mbt3
0	Q9D0M5	Dynein light chain 2, cytoplasmic	Dynl12
0	P97360	Transcription factor ETV6	Etv6
0	Q9QYB1	Chloride intracellular channel protein 4	Clc4a
0	P10518	Delta-aminolevulinic acid dehydratase	Alad
0	P97432	Next to BRCA1 gene 1 protein	Nbr1
0	Q6N2B0	DnaJ homolog subfamily C member 8	Dnajc8
0	Q6D773	Cyclin-dependent kinase 4 inhibitor D	Cdkn2d
0	Q9E5T3	Eukaryotic translation initiation factor 4E transporter	Eif4enif1
0	Q9E5C8	AF4/FR2 family member 4	Aff4
0	Q88H17	Elongation of very long chain fatty acids protein;Elongation of very long chain fatty acids protein 5	Elovl5
0	Q8R0J2	Ras association domain-containing protein 6	Rasaf6
0	P70340	Mothers against decapentaplegic homolog;Mothers against decapentaplegic homolog 1;Mothers against decapentaplegic homolog 1	Smad1;Sm
0	Q9D084	Centromere protein 5	Ap1l1
0	Q8R2U6	Diphosphoinositol polyphosphate phosphohydrolase 2	Nudt4
0	Q3UR59	Coiled-coil domain-containing protein 51	Cdc51
0	Q8CE50	N-alpha-acetyltransferase 30	Naa30
0	Q9R1R2	Tripartite motif-containing protein 3	Trim3
0	Q88MK0	Centrosomal protein of 85 kDa	Cep85
0	Q3UHK6	Teneurin-4;Teneurin-3;Teneurin-1;Ten-1 intracellular domain;Teneurin C-terminal-associated pep	Tennm4;Ter
0	Q9D8T4	Golgi apparatus membrane protein TVP23 homolog 8	Tvp23b
0	Q9WU62	Inner centromere protein	Incnp

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0	O88286	Protein Wiz
0	Q8C128	RNA methyltransferase 10 homolog A
0	P97819	85/88 kDa calcium-independent phospholipase A2
0	O8Q2C4	Myotubularin-related protein 1
0	Q8Q5V4	E3 ubiquitin-protein ligase MIB1
0	P99029	Peroxisedoxin-5, mitochondrial
0	Q9QYU0	GRB2-associated-binding protein 1
0	Q9DBF7	Pre-mRNA-splicing factor CWC25 homolog
0	Q9ER81	Torsin-1A-interacting protein 2, isoform IFRG15
0	Q640M1	U3 small nuclear RNA-associated protein 14 homolog A
0	P69566	Ran-binding protein 9
0	Q55555	
0	Q9CX99	GPI-anchor transamidase
0	P24860	G2/mitotic-specific cyclin-B1
0	Q61879	Myosin-10
0	Q3U1T3	Breast cancer metastasis-suppressor 1-like protein
0	O08709	Peroxisedoxin-6
0	Q9CQK7	RWD domain-containing protein 1
0	Q55UE8	Ankyrin repeat domain-containing protein 40
0	E9Q723	
0	P41230	Lysine-specific demethylase 5C
0	Q5H2H2	Ribosome biogenesis protein TSR3 homolog
0	Q99992	39S ribosomal protein L27, mitochondrial
0	Q8CF89	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1
0	Q8Q735	Uncharacterized protein C19orf43 homolog
0	Q8C351	Laylin
0	Q9ER40	Alpha-globin transcription factor CP2;Upstream-binding protein 1
0	Q88XN9	Transmembrane protein 87A
0	Q99MK9	Ras association domain-containing protein 1
0	Q9EQM6	Microprocessor complex subunit DGCR8
0	P70349	Histidine triad nucleotide-binding protein 1
0	Q8B0J8	Integrator complex subunit 2
0	Q8R129	RING finger protein 121
0	Q2AFR3	FERM and POZ domain-containing protein 4
0	Q8B878	Transcriptional regulator Kaiso
0	O88196	E3 ubiquitin-protein ligase TTC3
0	Q9D914	TBC1 domain family member 20
0	Q9CQ69	Cytochrome b-c1 complex subunit 8
0	Q35083	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha;1-acyl-sn-glycerol-3-phosphate acyltransferase
0	Q9QXW1	Junction-mediating and -regulatory protein
0	Q8ORV5	Scaffold attachment factor B2
0	Q9JH16	Alcohol dehydrogenase [NADP(+)]
0	Q9WUJ8	Origin recognition complex subunit 6
0	Q92715	Lysoyl oxidase homolog 3
0	Q98P93	S-formylglutathione hydrolase
0	A2AJU0	MAP7 domain-containing protein 1
0	P53762	Aryl hydrocarbon receptor nuclear translocator
0	Q99P69	Kinetochore protein Nuf2
0	O88848	ADP-ribosylation factor-like protein 6
0	A2AP88	Targeting protein for Xlbp2
0	Q9D059	Histidine triad nucleotide-binding protein 2, mitochondrial
0	Q9R207	Nibrin
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0	Q3U4D2	Glucose-Fructose oxidoreductase domain-containing protein 1
0	Q3T8W2	39S ribosomal protein L10, mitochondrial
0	Q69272	RAB6A-GEF complex partner protein 1
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0	Q5ND52	rRNA methyltransferase 3, mitochondrial
0	Q8VE82	Protein salvador homolog 1
0	Q9R1P1	Proteasome subunit beta type-3
0	P61294	Ras-related protein Rab-6B
0	Q9D2N4	Dystrobrein;Dystrobrein alpha
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0	Q4U2N1	E3 ubiquitin-protein ligase HERC2
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0	Q35144	Telomeric repeat-binding factor 2
0	Q8V0Y4	EF-hand calcium-binding domain-containing protein 7
0	Q9CQY0	Small integral membrane protein 8
0	Q99MR8	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial
0	Q8QY77	Myomegalin
0	Q9D2V7	Coronin-7
0	P17095	High mobility group protein HMG-I/HMG-Y
0	P05531	X-linked lymphocyte-regulated protein PM1
0	Q98059	Four and a half LIM domains protein 3
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0	Q61584	Fragile X mental retardation syndrome-related protein 1
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0	E9QAP7	
0	Q8B6Z4	Cell division cycle protein 23 homolog
0	Q99PH3	Tripartite motif-containing protein 26
0	Q8Q0Y4	
0	Q8B259	Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32
0	Q8BH24	Zinc finger protein 592
0	Q6R724	Kinesin-like protein;Centromere-associated protein E
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0	Q99ME2	WD repeat-containing protein 6
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0	Q9CQ72	RNA-binding protein 7
0	Q8Q237	E3 ubiquitin-protein ligase Topors
0	Q9Z078	Disintegrin and metalloproteinase domain-containing protein 17
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0	Q8R3L2	Transcription factor 25
0	Q8VC03	Echlinoderm microtubule-associated protein-like 3
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0	Q31093	
0	Q8B7P1	RNA binding protein fox-1 homolog 2
0	Q5R611	Nuclear protein 10
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0	Q9D1R9	60S ribosomal protein L34
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0	Q9P9R1	ATP-dependent RNA helicase DDX51
0	Q9C0L0	Md1-interacting protein 1
0	Q9ERH4	Nucleolar and spindle-associated protein 1
0	Q6ZQF7	Protein Jade-2
0	Q8C3Q9	Caspase;Caspase-9;Caspase-9 subunit p35;Caspase-9 subunit p10
0	Q3TQY9-3	Uncharacterized protein C1orf112 homolog
0	Q61586	Glycerol-3-phosphate acyltransferase 1, mitochondrial
0	Q3U2W7	Protein-lysine N-methyltransferase EEF2KMT
0	Q9R0P6	Signal peptidase complex catalytic subunit SEC11;Signal peptidase complex catalytic subunit SEC1
0	Q9U0I8	Serine incorporator 1
0	Q9D8N6	Protein lin-37 homolog

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4525	NaN	0.7367	-0.0858

0	P97863	Nuclear factor 1;Nuclear factor 1 B-type
0	A0A0U1RN23	
0	Q8V163	MOB kinase activator 2
0	Q9D0868	Peptidyl-prolyl cis-trans isomerase;Peptidyl-prolyl cis-trans isomerase H
0	Q6A058	Armadillo repeat-containing X-linked protein 2
0	Q99AP8	BRCA1-associated protein
0	Q35350	Calpain-1 catalytic subunit
0	Q9WV91	Prostaglandin F2 receptor negative regulator
0	Q9J178	Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase
0	A2AKX3	Probable helicase senataxin
0	Q8B5F4	Phosphatidylserine decarboxylase proenzyme;Phosphatidylserine decarboxylase alpha chain;Phos
0	Q60960	Importin subunit alpha-5;Importin subunit alpha-5, N-terminally processed
0	Q8VY83	Dixin
0	Q91WD1	DNA-directed RNA polymerase III subunit RPC4
0	Q8VHL1	Histone-lysine N-methyltransferase SETD7
0	Q60824	Cold-inducible RNA-binding protein
0	Q9CQX6	
0	Q8BQX5	Transmembrane and coiled-coil domain-containing protein 6
0	Q8C167	Prolyl endopeptidase-like
0	Q8B7Y4	Retinol dehydrogenase 12
0	Q58FA4	Transcription factor E2F8
0	Q9CZG6	Nuclear distribution protein nudE homolog 1
0	Q8Y2A5	
0	A8Y558	NCK-interacting protein with SH3 domain
0	Q9ES14	Protein NEDD1
0	Q35215	Intraflagellar transport protein 81 homolog
0	Q5XK05	Diphthamide biosynthesis protein 1
0	Q91V09	WD repeat-containing protein 13
0	G3XA66	
0	Q8C7V8	Coiled-coil domain-containing protein 134
0	Q8CFE2	UPF0609 protein C4orf27 homolog
0	Q9J129	Phospholipid scramblase 3
0	Q6KAQ7	ZZ-type zinc finger-containing protein 3
0	Q9D0L7	Armadillo repeat-containing protein 10
0	Q63892	V-type proton ATPase 16 kDa proteolipid subunit
0	Q92359	Ras-related protein Rab-30
0	Q8B424	ETS translocation variant 3
0	Q8V6E4	Exonuclease 3-5 domain-containing protein 2
0	Q6P851	Coiled-coil domain-containing protein 117
0	Q9WU02	Prolactin regulatory element-binding protein
0	Q9R0Y5	Adenylate kinase isoenzyme 1
0	Q8B522	AP-3 complex subunit sigma-2
0	P62488	DNA-directed RNA polymerase II subunit RPB7
0	Q8R418	Endonuclease Dicer
0	Q921H9	Cytochrome c oxidase assembly factor 7
0	Q9C8B2	H/ACA ribonucleoprotein complex subunit 2
0	Q5XK05	Protein jagunal homolog 1
0	Q92DQ6	RNA-binding protein Musashi homolog 2
0	Q9EP14	Methyltransferase-like protein 9
0	Q5SRV7	F-box/WD repeat-containing protein 11
0	Q9D924	Iron-sulfur cluster assembly 1 homolog, mitochondrial
0	Q8K305	Kinetochore-associated protein NSL1 homolog
0	Q8BT14	CCR4-NOT transcription complex subunit 4
0	P58058	NAD kinase
0	Q8C0C2	Autophagy-related protein 16-1
0	Q92D27	Zinc finger protein 687
0	Q61206	Platelet-activating factor acetylhydrolase IB subunit beta
0	Q8R4Y8	Rotatin
0	Q5U5M8	Biogenesis of lysosome-related organelles complex 1 subunit 3
0	Q8B8X4	Oxysterol-binding protein-related protein 2
0	Q8LUP8	Sodium-dependent phosphate transporter 2
0	Q9CJQ7	Securin
0	Q9DAZ9	Abscission/NoCut checkpoint regulator
0	Q5RL51	Glutathione S-transferase C-terminal domain-containing protein
0	Q55102	Biogenesis of lysosome-related organelles complex 1 subunit 1
0	Q9C8A5	Golgi phosphoprotein 3
0	Q9C8A5	Telomerase-binding protein EST1A
0	Q9WUP7	Ubiquitin carboxyl-terminal hydrolase isozyme L5
0	Q6QXN1	SUZ domain-containing protein 1
0	B1AVY7	Kinesin-like protein KIF168
0	Q9D0F1	Kinetochore protein NDC80 homolog
0	Q8B9F9	Charged multivesicular body protein 2b
0	Q9D0R9	WD repeat-containing protein 89
0	P58064	28S ribosomal protein S6, mitochondrial
0	Q9D0C0	6-phosphogluconate dehydrogenase, decarboxylating
0	Q9CPQ3	Mitochondrial import receptor subunit TOM22 homolog
0	Q8C1M8	Integrator complex subunit 4
0	Q70A80	Vesicle-associated membrane protein 4
0	Q5EBG6	Heat shock protein beta-6
0	Q8OUV9	Transcription initiation factor TFIID subunit 1
0	Q99LQ1	MAP3K12-binding inhibitory protein 1
0	P97348	Rho-related GTP-binding protein RhoD
0	Q8IZN7	Mitochondrial Rho GTPase 2
0	Q62446	Peptidyl-prolyl cis-trans isomerase FKBP3
0	Q9D8V4	Matrix-remodeling-associated protein 8
0	Q9C773	35S ribosomal protein L44, mitochondrial
0	Q9C7P5	Nuclear protein 16
0	Q9J117	Synaptophysin-like protein 1
0	Q9JH97	KDEL motif-containing protein 1
0	Q89109	Intermediate conductance calcium-activated potassium channel protein 4
0	Q9J915	CKLF-like MARVEL transmembrane domain-containing protein 3
0	Q90900	Nuclear receptor coactivator 3
0	Q61468	Mesothelin;Megakaryocyte-potentiating factor;Mesothelin, cleaved form
0	Q8B1W9	Chromosome transmission fidelity protein 18 homolog
0	P70245	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase
0	Q8BR11	tRNA wylutidine-synthetizing protein 4
0	Q8CFK2	Transcription factor IIIB 90 kDa subunit
0	Q9CQE7	Endoplasmic reticulum-Golgi intermediate compartment protein 3
0	Q6QNH3	Vasculin
0	Q8BHL3	TBC1 domain family member 108
0	Q6Q1C0	Probable global transcription activator SNF2L2
0	Q91Y11	Protein FAM118A
0	P59326	YTH domain-containing family protein 1
0	Q9D8R0	A-kinase anchor protein 8
0	Q9D4V0	Ethanolamine kinase 1
0	P70399	Tumor suppressor p53-binding protein 1
0	P49117	Nuclear receptor subfamily 2 group C member 2
0	Q3U1RQ	Testis-expressed sequence 10 protein
0	Q8B5P2	Condensin-2 complex subunit H2
0	Q91VL8	Telomeric repeat-binding factor 2-interacting protein 1
0	Q8B630	Golgi SNAP receptor complex member 1
0	Q8CH18	E1A-binding protein p400
0	Q9JIM93	ADP-ribosylation factor-like protein 6-interacting protein 4
0	Q8R2T8	General transcription factor 3C polypeptide 5
0	Q6P216	Histone-lysine N-methyltransferase;Histone-lysine N-methyltransferase NSD3
0	Q8C992	Transcription initiation factor TFIID subunit 5
0	P97765	WW domain-binding protein 2
0	Q9C291	Serum response factor-binding protein 1
0	A0A0G2G19	
0	Q8K363	ATP-dependent RNA helicase DDX18
0	I7H155	
0	Q9ER39	Torsin-1A
0	Q3Z4Q4	
0	Q3U1M83	Killer cell lectin-like receptor subfamily G member 2
0	Q8VY55	BSD domain-containing protein 1
0	Q8C4B4	Protein unc-119 homolog 8

Nfib	mmu:18028
4931406P16Rik	
Mob2	mmu:101513
Pph	mmu:66101
Armcx2	mmu:67416
Brp	mmu:72380
Capn1	mmu:11333
Ptgrn	mmu:19221
Ngly1	mmu:59007
Setx	mmu:269254
Phos Pisd;Gm20	mmu:320951
Kpna1	mmu:16646
Dixdc1	mmu:330938
Polr3d	mmu:67065
Setd7	mmu:73251
Cirbp	mmu:12696
Gm16286	
Tmc6c	mmu:71983
Prepl	mmu:213760
Rdh12	mmu:77974
E2f8	mmu:108961
Nde1	mmu:67203
Zfyve9	
Nckip5d	mmu:80987
Nedd1	mmu:17997
Ifb1	mmu:12589
Diph1d1	mmu:116905
Vldr13	mmu:73447
Mtx1	
Ccdc134	mmu:76457
Rab30	mmu:72612
Piscr3	mmu:70310
Zzz3	mmu:108946
Armc10	mmu:67211
Atp6v0c	mmu:11984
Rab30	mmu:75985
Eiv3	mmu:27049
Evd2	mmu:97827
Ccdc117	mmu:104479
Preb	mmu:50907
Ak1	mmu:11636
Ap3s2	mmu:11778
Polr2g	mmu:67710
Dicer1	
Coa7	mmu:69893
Mhp2	mmu:52530
Jagrl1	mmu:67767
Mu2	mmu:76626
Mett9	mmu:59052
Fbxw11	mmu:103583
AK157302;	mmu:69046
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Cnot4	mmu:53621
Nadk	mmu:192185
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Zfyf87	mmu:78266
Palaf1b2	mmu:18475
Rtn	mmu:246102
Bloc13	mmu:232946
Osbp2	mmu:228983
Slc20a2	mmu:20516
Pttg1	mmu:30939
Zfyve19	mmu:72008
Gstcd	mmu:67553
Bloc1s1	mmu:14533
Golp3	mmu:66629
Mng6	mmu:103677
Uchl5	mmu:56207
Sard1	mmu:213491
Kif16b	mmu:16558
Ndc80	mmu:67052
Chmp2b	mmu:68942
Vdr89	mmu:72338
Mrspe6	mmu:121022
Pgd	mmu:110208
Tmm22	mmu:22696
Ints4	mmu:101861
Vamp4	
Hspb6	mmu:243912
Taf1	mmu:270627
Mbp	mmu:217588
Rhod	mmu:11854
Rhot2	mmu:214952
Fkbp3	mmu:30795
Mxra8	mmu:74761
Mrlp44	mmu:69163
Ntp12b	mmu:28126
Sypl1	mmu:19027
Kdel1	mmu:72050
Cnnr4	mmu:16534
Cmtm3	mmu:68119
Ncoa3	
Msln	mmu:56047
Chtf18	mmu:214901
Ebp	mmu:13595
Lcm2	mmu:329504
Brl1	
Ergic3	mmu:66366
Gbp1	mmu:73274
Tbc1d10b	mmu:68449
Smarca2	mmu:67155
Fam118a	mmu:73225
Ythdf1	mmu:228994
Akap8	mmu:56399
Enk1	mmu:75320
Trps3bp1;	mmu:27223
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Tex10	mmu:269536
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0	Q3TUUH1	Phosphatidate cytidylyltransferase, mitochondrial
0	P03930	ATP synthase protein 8
0	P38532	Heat shock factor protein 1
0	Q61205	Platelet-activating factor acetylhydrolase IB subunit gamma
0	P21460	Cytosolic RNA 2-thiolation protein 1
0	Q09110	Cytoplasmic RNA 2-thiolation protein 1
0	Q9IKT3	Taste receptor type 2 member 4
0	Q8CHP5	Partner of Y14 and mago
0	Q6P0X2	Zinc finger protein 511
0	Q54714	E3 SUMO-protein ligase PIAS3
0	Q8VG03	Poly(A)-specific ribonuclease PARN
0	Q8VB08	Protein BANP
0	Q88888	Amyloid beta A4 precursor protein-binding family A member 3
0	Q91K52	L-xylulose reductase
0	P58462	Forhead box protein P1
0	Q9IKX0	Calpinesin-3
0	Q52KX3	Protein prune homolog 2
0	Q8VE91	Protein FAM134B
0	P27201	Guanine nucleotide-binding protein subunit alpha-13
0	P81068	Iroquois-class homeodomain protein IRX-1
0	Q62276	Mediator of RNA polymerase II transcription subunit 22
0	Q61398	Procollagen C-endopeptidase enhancer 1
0	Q77528	Nucleus accumbens-associated protein 1
0	Q90BC9	Transcriptional protein SWT1
0	Q9P94	Solute carrier family 23 member 2
0	Q902V8	Major facilitator superfamily domain-containing protein 10
0	Q8MVA2	Transmembrane protein 222
0	Q50143	Ubiquitin carboxyl-terminal hydrolase 28
0	Q80V94	AP-4 complex subunit epsilon-1
0	Q8VCG9	Regulatory factor X-associated protein
0	Q8CA72	Gigaxonin
0	Q62QI3	Malectin
0	E9Q682	
0	A1AS56	TBC1 domain family member 25
0	Q88H48	Ubiquitin-associated protein 1
0	Q6P1H6	Ankyrin repeat and LEM domain-containing protein 2
0	Q9CX66	Uncharacterized protein C12orf45 homolog
0	Q8R4X3	RNA-binding protein 12
0	Q9JL62	Glycolipid transfer protein
0	Q505F1	Nuclear receptor subfamily 2 group C member 1
0	P97930	Thymidylate kinase
0	Q692C8	GPLAPP motifs-containing protein 1
0	Q3TQD1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B
0	Q9C4G3	
0	E9QAL5	Serine hydroxymethyltransferase;Serine hydroxymethyltransferase, cytosolic
0	P50431	Methionine synthase
0	F7A127	Leucine-rich repeat-containing protein 16A
0	A0A140LW13	
0	A2R5Y1	KAT8 regulatory NSL complex subunit 3
0	Q77PD1	F-box only protein 11
0	Q9IKY0	Cell differentiation protein RCD1 homolog
0	Q9ZD6E	Interferon-induced guanylate-binding protein 2
0	Q9JIF3	Bifunctional lysine-specific demethylase and histidyl-hydroxylase NO66
0	Q9J216	Kruppel-like factor 13
0	Q3T5G4	RNA demethylase ALKBH5
0	Q91270	DnaI homolog subfamily C member 24
0	Q64127	Transcription intermediary factor 1-alpha
0	Q8CGY8	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit
0	Q4P1X1	Protein odr-4 homolog
0	P25119	Tumor necrosis factor receptor superfamily member 1B
0	P70295	Ancient ubiquitous protein 1
0	Q99K11	Receptor expression-enhancing protein 3
0	Q9Z204	Heterogeneous nuclear ribonucleoproteins C1/C2
0	Q51571	Probable palmitoyltransferase ZDHHC20
0	P97473	RISC-loading complex subunit TARBP2
0	Q3U218	Little elongation complex subunit 2
0	Q99156	Derlin-1
0	Q6P1G0	HEAT repeat-containing protein 6
0	Q88879	Apoptotic protease-activating factor 1
0	Q9CYX7	RRP15-like protein
0	Q923Q2	STAR-related lipid transfer protein 13
0	Q9CQL1	Protein mago nashi homolog 2
0	Q88H07	ADP-ribosylation factor-like protein 6-interacting protein 6
0	Q926A8	Rab GTPase-activating protein 1-like
0	Q3TWW2	Type 1 phosphatidylinositol 4,5-bisphosphate 4-phosphatase
0	Q3V011	Transmembrane protein 237
0	P97823	Acyl-protein thioesterase 1
0	E9Q8V6	
0	E9Q5G3	Kinesin-like protein KIF23
0	Q9JHR7	Insulin-degrading enzyme
0	E9Q2I4	
0	Q08599	Syntaxin-binding protein 1
0	Q3Y155	
0	P83382	60S ribosomal protein L36a
0	Q9DCE5	p21-activated protein kinase-interacting protein 1
0	Q8M9H3	MAPK-interacting and spindle-stabilizing protein-like
0	Q661V4	RNA-binding protein 128-B;RNA-binding protein 128-A
0	Q9JIK4	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3
0	Q8VEK0	Cell cycle control protein 50A
0	P52480	Pyruvate kinase PKM
0	Q9CWR2	Histone-lysine N-methyltransferase SMYD3
0	P41778	Pre-B-cell leukemia transcription factor 1
0	P52927	High mobility group protein HMGI-C
0	Q9G0L2	Ganglioside-induced differentiation-associated protein 2
0	Q90J56	Late secretory pathway protein AV19 homolog
0	A2A690	Protein TANC2
0	Q9DB21	Inhibitor of nuclear factor kappa-B kinase-interacting protein
0	Q88H47	Vesicle-trafficking protein SEC22a
0	Q60954	Homeobox protein Meis3;Homeobox protein Meis1;Homeobox protein Meis2
0	Q8VDG5	Phosphopantothenate--cysteine ligase
0	Q9CQPO	39S ribosomal protein L33, mitochondrial
0	P32570	Nectin-2
0	Q6PFF0	
0	Q99P94	Anaphase-promoting complex subunit CDC26
0	Q8C263	Spindle and kinetochore-associated protein 3
0	F8VPO2	
0	A0A0G2JH12	
0	Q8N7N6	
0	Q9D855	Cytochrome b-c1 complex subunit 7
0	Q8R5K2	Ubiquitin carboxyl-terminal hydrolase 33
0	Q99PQ2	E3 ubiquitin-protein ligase TRIM11
0	Q99JW4	LIM and senescent cell antigen-like-containing domain protein 1
0	Q88Q03	Cytochrome c oxidase assembly protein COX15 homolog
0	Q95BC3	Echinoderm microtubule-associated protein-like 1
0	P59113	Fermitin family homolog 1
0	Q9D6V8	Polyadenylate-binding protein-interacting protein 2
0	Q6P6G6	Guanine nucleotide-binding protein-like 3-like protein
0	Q8CIA9	Hippocampus abundant transcript-like protein 1
0	Q80U58	Pumilio homolog 2
0	Q5RH66	Protein SMG7
0	Q61037	Tuberin
0	P70288	Histone deacetylase 2
0	Q70230	Zinc finger protein 143
0	Q8R349	Cell division cycle protein 16 homolog

Nol12	mmu:97961
Tamm41	
Mlatp8	mmu:17706
Hsf1	mmu:15499
Pafah1b3	mmu:18476
Ct33	mmu:13016
Ct11	mmu:23189
Tazr4	mmu:57255
Wlbq	mmu:78428
Znf511	mmu:69752
Pias3	mmu:229615
Parn	mmu:74108
Banp	mmu:53325
Apba3	mmu:57267
Docr	mmu:67880
Foxp1	mmu:108655
Ran3	mmu:53902
Prune2	mmu:353211
Fam134b	mmu:66270
Gna13	mmu:14674
Irx1	mmu:16371
Med22	mmu:20933
Pcolce	mmu:18542
Nacc1	mmu:66830
Sw11	mmu:66875
Slc22a2	mmu:54338
Mfsd10	mmu:68294
Tmem222	mmu:52174
Usp28	mmu:235323
Ap4e1	mmu:108011
Rfxap	mmu:170767
Gan	mmu:209239
Mlec	mmu:109154
Irf140	
Tbc1d25	mmu:209815
Ubpap1	mmu:67123
Ankrd2	mmu:71782
D10Wsu10	mmu:28109
Gm28036j	mmu:75710
Gltp	mmu:56356
Nr2c1	mmu:22025
Dtymk	mmu:21915
Gpalp1	mmu:67467
Stt3b	mmu:68292
Dut	mmu:110074
Cald1	
Shmt1	mmu:20425
Ntr	mmu:238505
Lrrc16a	
Frmppd3	mmu:245643
Kansl3	mmu:226976
Fbxo11	mmu:225055
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Alkbh5	mmu:268420
Dnajc24	mmu:99349
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0	Q5S516	U3 small nuclear RNA-associated protein 18 homolog	Utp18	mmu:217109
0	Q9DA69	Intraflagellar transport protein 43 homolog	Ifit43	mmu:76411
0	P98195	Phospholipid-transporting ATPase;Probable phospholipid-transporting ATPase IIB	Atg9b	mmu:50771
0	P53612	Geranylgeranyl transferase type-2 subunit beta	Rabggtb	mmu:19352
0	Q88379	Bromodomain adjacent to zinc finger domain protein 1A	Baz1a	
0	Q9PEK2	Protein XBP2	Rp2	mmu:19889
0	Q92125	Tumor necrosis factor alpha-induced protein 8	Tnfaiip8	mmu:106869
0	Q62440	Transducin-like enhancer protein 1	Tle1	mmu:21885
0	Q8BH31	Major facilitator superfamily domain-containing protein 8	Mfsd8	mmu:72175
0	Q9P914	Phosphatidate phosphatase LPIN3	Lpin3	mmu:64899
0	Q8CC0C	Zinc fingers and homeobox protein 2	Zhx2	mmu:387609
0	Q61818	Retinoic acid-induced protein 1	Rai1	mmu:19377
0	Q61072	Disintegrin and metalloproteinase domain-containing protein 9	Adam9	mmu:11502
0	Q8VEK6	Inhibitor of growth protein;inhibitor of growth protein 3	Ing3	mmu:71777
0	Q692X6	Probable JmJc domain-containing histone demethylation protein 2C	Jmjd1c	mmu:108829
0	Q8C145	Zinc transporter ZIP6	Slc39a6	mmu:106957
0	Q9CWS1	E3 ubiquitin-protein ligase RNF135	Rnf135	mmu:71956
0	P11675	Carboxypeptidase;Lysosomal protective protein;Lysosomal protective protein 32 kDa chain;Lysoso	Ctsa	mmu:19025
0	Q80893	Calponin-2;Calponin	Cnn2	mmu:12798
0	Q80Z60-3			
0	Q69288	Zinc finger CCHC domain-containing protein 2	Zcchc2	mmu:227449
0	Q91K83	Y-box-binding protein 3	Ybx3	mmu:56449
0	Q52KR2	Leucine-rich repeats and immunoglobulin-like domains protein 2;Leucine-rich repeats and immun	Lrig2;Lrig3	mmu:269473
0	Q9C5C2	H/ACA ribonucleoprotein complex subunit 3	Nop10	mmu:66181
0	Q31V93		Ap1s2	
0	Q9C572	Chromatin target of PRMT1 protein	Cttop	mmu:66511
0	Q88874	Cyclin-K	Ccnk	
0	Q4V8F2	R3H domain-containing protein 4	R3hdm4	mmu:109284
0	Q08736	Caspase;Caspase-12	Casp12	mmu:12364
0	Q8BV66	RING finger and SPRY domain-containing protein 1	Rspry1	mmu:67610
0	Q55023	Inositol monophosphatase 1	Impa1	
0	Q9CPW9	Methionine aminopeptidase 10, mitochondrial	Metap1d	mmu:66559
0	Q88974	Histone-lysine N-methyltransferase SETDB1	Setdb1	
0	P7FAC9		Macf1	
0	Q8C771	Coiled-coil domain-containing protein 132	Ccdc132	mmu:73288
0	Q9P911	Hsp70-binding protein 1	Hspbp1	mmu:66245
0	Q88845	A-kinase anchor protein 10, mitochondrial	Akap10	mmu:56697
0	P49442	Inositol polyphosphate 1-phosphatase	Inpp1	mmu:16329
0	Q326G3		Mapre3	
0	Q7TMF3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12	Ndufa12	mmu:66414
0	Q9CWW7	CXXC-type zinc finger protein 1	Cxxc1	mmu:74322
0	Q5SW75	Protein phosphatase Slingshot homolog 2	Sh2	mmu:237860
0	81AR11		Vps13d	
0	Q686D3	Non-canonical poly(A) RNA polymerase PAPD5	Papd5	mmu:214627
0	Q8BH90	Protein phosphatase 1L	Ppm1l	mmu:242083
0	Q3UDW8	Heparan-alpha-glucosaminide N-acetyltransferase	Hgsnat	mmu:52120
0	Q8VE62	Polyadenylate-binding protein-interacting protein 1	Paiip1	mmu:218693
0	A6BLV7	Keratin, type I cytoskeletal 28	Krt28	mmu:70843
0	P56695	Wolfram	Wfs1	mmu:22393
0	Q6P3Y5	Zinc finger protein 280C	Znf280c	mmu:208968
0	Q09053	Werner syndrome ATP-dependent helicase homolog	Wrrn	mmu:22427
0	Q62280	Protein SSKT	Ss18	mmu:268996
0	Q5SV77	Gametogenetin-binding protein 2	Gnbp2	mmu:217039
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0	P97320	Neuroplastin	Nptn	mmu:20320
0	Q61738	Integrin alpha-7;Integrin alpha-7 heavy chain;Integrin alpha-7 light chain	Itga7	
0	Q91178	CSG1-like protein 1	Tmem63a	mmu:208795
0	Q3U3N6	AP-4 complex accessory subunit tepsin	Enthd2	mmu:78777
0	Q8R184	Protein FAM110A	Fam110a	mmu:73847
0	Q80XU3	Nuclear ubiquitously casein and cyclin-dependent kinase substrate 1	Nucks1	mmu:98415
0	Q5NBX1	Protein cordon-bleu	Cobl	mmu:12808
0	Q8VOY9	Caspase activity and apoptosis inhibitor 1	Caap1	mmu:67770
0	Q9D0K2	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial	Oxct1	mmu:67041
0	Q880W65	Volume-regulated anion channel subunit LRRC8A	Lrrc8a	mmu:241296
0	P23283	GTase KRas;GTPase KRas, N-terminally processed	Kras	mmu:16653
0	Q3U254	OTU domain-containing protein 5	Otd5	mmu:54644
0	D6R442		Zc3h7a	
0	Q55GK3	Aldehyde oxidase 2	Aox2	mmu:213043
0	Q9D215	Lish domain-containing protein ARMC9	Armc9	mmu:78795
0	Q8I2X9	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	Hmgcs1	mmu:208715
0	Q8C119	Protein-methionine sulfoxide oxidase MICAL3	Mical3	mmu:194401
0	P15066	Transcription factor jun-D	Jund	mmu:16478
0	Q8CIG0	Protein argonaute-2	Ago2	mmu:239528
0	Q88342	WD repeat-containing protein 1	Vdr1	mmu:22388
0	A24641	G patch domain-containing protein 8	Gpatch8	mmu:237943
0	Q80ZM8	Cardiolipin synthase (CMP-forming)	Crls1	mmu:66586
0	Q61188	Histone-lysine N-methyltransferase EZH2	Ezh2	mmu:14056
0	Q9OY76	Vesicle-associated membrane protein-associated protein B	Vapb	
0	Q9CWW4	Gem-associated protein 7	Gemin7	mmu:69731
0	Q91X87	Protein YIF1A	Yif1a	mmu:68090
0	A2A9C3	Protein SZT2	Szt2	mmu:230676
0	Q9D6K5	Synaptotagmin-2-binding protein	Syn2bpb;G	mmu:24071
0	Q62511	E3 ubiquitin-protein ligase ZFP91	Zfp91	mmu:109910
0	Q92201	Myotubularin-related protein 2	Mtmr2	mmu:77116
0	Q09199	Beta-1,4 N-acetylgalactosaminyl transferase 2	B4galnt2	mmu:14422
0	Q742N5	Adenosine 3-phospho 5-phosphosulfate transporter 1	Slc35b2	
0	Q80YQ2	Mediator of RNA polymerase II transcription subunit 23	Med23	mmu:70208
0	P97465	Docking protein 1	Dok1	mmu:13448
0	E9Q784		Zc3h13	mmu:67302
0	Q7T718	Activating transcription factor 7-interacting protein 1	Atf7ip	mmu:54343
0	Q8K072	Receptor expression-enhancing protein 4	Reep4	mmu:72549
0	Q9CXL2	Kinesin-like protein;Kinesin-like protein KIF21A;Kinesin-like protein KIF7;Kinesin-like protein KIF27;Kif21a;Kif7	mmu:16564	
0	Q9P9M3	Transcription initiation factor IIA subunit 1;Transcription initiation factor IIA alpha chain;Transcrip	Gtf2a1	mmu:83602
0	Q9JMH6	Thioredoxin reductase 1, cytoplasmic	Txnrd1	mmu:50493
0	Q5UAC3	Splicing factor, arginine/serine-rich 19	Scaf1	mmu:233208
0	Q64512	Tyrosine-protein phosphatase non-receptor type 13	Ptpn13	mmu:19349
0	Q9J9H1	Ribonuclease P protein subunit p25-like protein	Rpp25	mmu:69961
0	B7ZMP1	Probable Xaa-Pro aminopeptidase 3	Xpnpep3	mmu:321003
0	Q5I816	Zinc transporter 9	Slc30a9	mmu:109108
0	Q88P28	BRCA1-A complex subunit Abraxas	Fam175a	mmu:70681
0	Q9J199	HIG1 domain family member 1A, mitochondrial	Higd1a	mmu:56295
0	Q8R404	Protein QIL1	Qil1	mmu:224904
0	Q925V9	Mediator of RNA polymerase II transcription subunit 1	Med1	mmu:19014
0	Q92477	E3 ubiquitin-protein ligase RNF31	Rnf31	mmu:268749
0	Q08856	RNA polymerase II elongation factor ELL	Ell	mmu:13716
0	Q9R153	GPI ethanolamine phosphate transferase 1	Pign	
0	Q9DCM7	Nucleus accumbens-associated protein 2	Nacc2	mmu:67991
0	Q8K1N1	Calcium-independent phospholipase A2-gamma	Pnpla8	mmu:67452
0	Q61712	Ona1 homolog subfamily C member 1	Dnaic1	mmu:13418
0	Q8K389	CDK5 regulatory subunit-associated protein 2	Cdk5rap2	mmu:214444
0	Q9D4H9	PHO finger protein 14	Phf14	mmu:75725
0	Q88327	Alpha-catulin	Ctnnal1	mmu:54366
0	Q99N84	28S ribosomal protein S18b, mitochondrial	Mrps18b	mmu:66973
0	Q80U87	Ubiquitin carboxyl-terminal hydrolase;Ubiquitin carboxyl-terminal hydrolase 8	Usp8	mmu:84092
0	Q88X08	Protein FAM53C	Fam53c	mmu:66306
0	Q90BE8	Alpha-1,3/1,6-mannosyltransferase ALG2	Alg2	mmu:56737
0	Q9R1C0	Transcription initiation factor TFIID subunit 7	Taf7	mmu:24074
0	Q37FQ1	SPRY domain-containing protein 7	Spryd7	mmu:66674
0	Q88700	Bloom syndrome protein homolog	Blm	mmu:12144
0	Q9JIM5	AP-3 complex subunit beta-2	Ap3b2	mmu:11775
0	P20826	Ka ligand;Soluble KIT ligand	Kitlg	mmu:17311
0	Q9D4C5	ELL-associated factor 1	Eaf1	mmu:74427
0	P13011	Acyl-CoA desaturase 2	Scd2	mmu:20250
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0	B2RR83	Probable ATP-dependent RNA helicase YTHDC2	Ythdc2	mmu:240255

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4830	1.1150	NaN	NaN	1.1150
4831	1.1196	NaN	NaN	1.1196
4832	1.2542	NaN	1.0939	1.1376
4833	4.4480	NaN	NaN	1.1487
4834	NaN	3.0958	0.2748	1.1681
4835	NaN	1.1836	NaN	1.1830
4836	0.8708	NaN	NaN	1.1867
4837	NaN	0.1407	1.0918	1.2031
4838	NaN	NaN	1.2230	1.2230
4839	NaN	NaN	NaN	1.2507
4840	1.2687	NaN	NaN	1.2682
4841	0.6094	1.9838	NaN	1.2964
4842	NaN	NaN	1.3015	1.3016
4843	2.6738	NaN	NaN	1.3149
4844	0.4307	NaN	NaN	1.3575
4845	1.3604	NaN	NaN	1.3604
4846	1.2143	1.5450	NaN	1.3797
4847	NaN	NaN	1.3907	1.3907
4848	0.7369	NaN	NaN	1.3955
4849	NaN	NaN	NaN	1.4400
4850	NaN	NaN	NaN	1.4483
4851	NaN	1.7201	1.2008	1.4605
4852	1.2447	NaN	0.9008	1.4656
4853	1.4716	NaN	NaN	1.4716
4854	NaN	NaN	NaN	1.4738
4855	1.4752	NaN	NaN	1.4752
4856	NaN	NaN	1.4934	1.4934
4857	NaN	1.7068	1.2886	1.4977
4858	1.5357	NaN	NaN	1.5357
4859	0.7816	0.2548	NaN	1.5465
4860	NaN	NaN	NaN	1.5708
4861	NaN	NaN	1.5827	1.5827
4862	1.6088	NaN	NaN	1.6086
4863	NaN	2.4519	0.8122	1.6321
4864	1.7341	NaN	NaN	1.7341
4865	0.3114	NaN	NaN	1.8152
4866	1.8255	NaN	NaN	1.8255
4867	NaN	2.2091	1.4913	1.8505
4868	NaN	2.6053	1.2664	1.9359
4869	0.1078	NaN	NaN	1.9455
4870	1.9540	NaN	NaN	1.9540
4871	NaN	NaN	NaN	1.9753
4872	NaN	NaN	NaN	2.1243
4873	0.8889	NaN	NaN	2.1491
4874	0.3137	NaN	NaN	2.1537
4875	1.2376	NaN	NaN	2.3459
4876	NaN	NaN	NaN	2.5537
4877	2.5567	NaN	NaN	2.5567
4878	2.6696	NaN	NaN	2.6696
4879	NaN	3.2038	2.7275	2.9659
4880	3.0139	NaN	NaN	3.0139
4881	3.0459	NaN	NaN	3.0459
4882	3.2873	NaN	NaN	3.2871
4883	NaN	NaN	NaN	3.6642
4884	1.1644	NaN	NaN	4.1644
4885	NaN	NaN	NaN	4.3552

0	Q88FQ8	Parkinson disease 7 domain-containing protein 1
0	Q9ESP1	Stromal cell-derived factor 2-like protein 1
0	Q3U8Z5	MIF4 domain-containing protein
0	Q9WU84	Copper chaperone for superoxide dismutase
0	Q5G501	Serine/threonine-protein phosphatase 6 regulatory ankyrin repeat subunit A
0	Q8VEJ4	Notchless protein homolog 1
0	Q01705	Neurogenic locus notch homolog protein 1;Notch 1 extracellular truncation;Notch 1 intracellular
0	Q8N1Z6	Smad nuclear-interacting protein 1
0	Q6PAM0	5-AMP-activated protein kinase subunit beta-2
0	Q9D1G2	Phosphomevalonate kinase
0	Q8UJM7	S-adenosyl-L-methionine-dependent tRNA 4-demethyllysine synthase
0	Q3U5J8	F-BAR and double SH3 domains protein 2
0	Q9DA59	Guanine nucleotide-binding protein G(i)(G(s)/G(o)) subunit gamma-12
0	Q9D2U5	N-alpha-acetyltransferase 38, NatC auxiliary subunit
0	Q7TNB8	Protein strawberry notch homolog 2
0	Q8C283	Uveal autoantigen with coiled-coil domains and ankyrin repeats
0	Q8N9B4	WD repeat-containing protein 3
0	Q60715	Prolyl 4-hydroxylase subunit alpha-1
0	Q8C283	Histone deacetylase 7
0	Q9D1H6	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4
0	Q3X9A3	
0	Q9Z2W0	Aspartyl aminopeptidase
0	Q9C867	Transmembrane protein 33
0	P45376	Aldose reductase
0	P62911	60S ribosomal protein L32
0	Q9Q941	
0	Q3U6C5	Arginine/serine-rich protein 1
0	Q88520	Leucine-rich repeat protein SHOC-2
0	Q9D94E	
0	Q88KR5	Protein phosphatase 1 regulatory subunit 37
0	Q8Q5Y5	Pre-mRNA-splicing factor 3B8
0	Q8C7V3	U3 small nucleolar RNA-associated protein 15 homolog
0	Q7TMM9	Heterogeneous nuclear ribonucleoprotein Q
0	Q88T25	Ankyrin repeat domain-containing protein 46
0	Q8VC87	Alpha/beta hydrolase domain-containing protein 14B
0	Q9C864	Protein kish/Protein kish-A
0	Q5G587	Protein archede
0	Q9D843	Zinc finger protein-like 1
0	Q9D842	Zinc finger protein 593
0	Q9CQJ6	Density-regulated protein
0	Q9D1Q4	Dolichol-phosphate mannosyltransferase subunit 3
0	Q9B8Z4	Selenoprotein 5
0	Q8K4J6	MKL/myocardin-like protein 1
0	P61600	N-alpha-acetyltransferase 20
0	Q9R0G7	Zinc finger E-box-binding homeobox 2
0	Q9R6G3	RNA-binding protein 10
0	P73571	Transporter: Sodium- and chloride-dependent glycine transporter 1
0	Q9D7E3	Ovarian cancer-associated gene 2 protein homolog
0	Q9C9V9	DCN1-like protein 5
0	Q9D891	Mediator of RNA polymerase II transcription subunit 29
0	Q9WV76	AP complex subunit beta;AP-4 complex subunit beta-1
0	P70255	Nuclear factor 1 C-type
0	Q9WV02	RNA-binding motif protein, X chromosome;RNA-binding motif protein, X chromosome, N-terminal
0	Q9CXF7	Chromodomain-helicase-DNA-binding protein 1-like
0	Q9ER52	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13
0	Q9CWT6	Probable ATP-dependent RNA helicase DDX28
0	Q9R9K1	Pyridoxal-dependent decarboxylase domain-containing protein 1
0	Q9ERD7	Tubulin beta-3 chain
0	Q6ZWR6	Nesprin-1
0	B1AV20	Uracil phosphoribosyltransferase homolog
0	P83917	Chromobox protein homolog 1
0	Q8B8P6	Solute carrier family 25 member 40
0	Q8VFT5	Olfactory receptor
0	Q3G066	Kinesin-like protein KIF3C
0	Q9CQJ3	Coordinator of PRMT5 and differentiation stimulator
0	Q9JH58	Retinoic acid early-inducible protein 1-delta;Retinoic acid early-inducible protein 1-epsilon;Retinoic acid
0	Q9JH58	Copine-2
0	Q8R9Y9	Fidgetin-like protein 1
0	Q61458	Cyclin-H
0	Q5D7W7	Uncharacterized protein KIAA1551
0	Q8B8Y2	Nuclear core protein 4 homolog
0	Q61510	E3 ubiquitin/SGS1 ligase TRIM25
0	Q3UFS0	Protein zyg-11 homolog B
0	P48771	Cytochrome c oxidase subunit 7A2, mitochondrial
0	Q8K3W3	Protein CAS3
0	Q885L7	ADP-ribosylation factor 2
0	Q9C846	Spindle and kinetochore-associated protein 2
0	Q5FWH2	Putative E3 ubiquitin-protein ligase UNKL
0	Q330R2	Decaprenyl-diphosphate synthase subunit 1
0	Q9D809	
0	Q9D1I2	Bd10-interacting CARD protein
0	Q8D8W9	DORX domain-containing protein 1
0	Q8VDH1	F-box only protein 21
0	Q6ZP10	Protein Jade-1
0	Q8K301	Probable ATP-dependent RNA helicase DDX52
0	Q3UL36	Arginine and glutamate-rich protein 1
0	Q8K0U3	Transmembrane protein 17
0	Q8G657	Choline/ethanolaminephosphotransferase 1
0	Q91VL9	Zinc finger and BTB domain-containing protein 1
0	Q6TVD4	Dynamin-binding protein
0	Q9ET54	Palladin
0	Q8CHT3	Integrator complex subunit 5
0	Q9D8G9	Tax1-binding protein 3
0	Q70494	Transcription factor Sp3
0	Q9ZD60	PDZ domain-containing protein GIPC1
0	Q8B1D2	Ubiquitin carboxyl-terminal hydrolase 1
0	Q6KCD5	Nipped-B-like protein
0	Q9W177	Unconventional myosin-Ic
0	Q92320	G-protein coupled receptor family C group 5 member B
0	Q61602	Transcriptional activator GU3;Transcriptional repressor GU3R
0	P30561	Aryl hydrocarbon receptor
0	Q8B8W8	Beta-arrestin-1
0	Q8CGP2	Histone H2B;Histone H2B type 1-P;Histone H2B type 1-K;Histone H2B type 1-B;Histone H2B type 1
0	Q9ESV0	ATP-dependent RNA helicase DDX24
0	Q5G507	Optic atrophy 3 protein homolog
0	Q9C150	Translucan-associated protein subunit alpha
0	Q5D7T3	Protein FAM208B
0	Q9J1I8	Low-density lipoprotein receptor-related protein 1B

Pddc1	mmu:213350
Sdf2l1	mmu:64136
Mif4gd	mmu:69674
Ccs	mmu:12460
Ankrd28	mmu:105522
Nrpl	mmu:217011
Notch1	mmu:18128
Snip1	mmu:76793
Prikab2	mmu:108097
Pmkv	mmu:68603
Twy1	mmu:100929
Fchs2	mmu:207278
Gng12	mmu:14701
Naa38	mmu:78304
Sbno2	mmu:216161
Uica	mmu:72565
Wdr3	mmu:269470
P4ha1	mmu:18451
Hdac7	mmu:56233
Ndufa4	mmu:68493
Zbtb21	
Dnpep	mmu:13437
Tmem33	mmu:67878
Akr1b1/Akr	mmu:11677
Rpl32	mmu:19951
Cdh18	
Nrslp1	mmu:27981
Shoc2	mmu:56392
Yae1d1	mmu:67008
Ppp1r37	mmu:232947
Prpf38b	mmu:66921
Utp15	mmu:105372
Syncr1p	mmu:56403
Ankrd46	mmu:68839
Ahdh14b	
Tmem167	mmu:66074
Zbtb80s	mmu:67106
Zfp1	mmu:81909
Znf593	mmu:68040
Denr	mmu:68184
Dpm3	mmu:68563
Vimp	mmu:109815
Mkl1	mmu:223701
Naa20	mmu:67877
Zeb2	mmu:24136
Ddx28	mmu:236732
Slc6a9	mmu:14664
Ovca2	mmu:246257
Dcun1d5	mmu:76863
Med29	mmu:67224
Ap4b1	mmu:67489
Nfic	mmu:18029
RbmX	mmu:19655
Chd11	mmu:68058
Ndufa13	mmu:67184
Sla2	mmu:71986
Pdxc1	mmu:94184
Tubb3	mmu:22152
Syne1	mmu:64009
Uprt	mmu:331487
Cbx1	mmu:12412
Slc25a40	mmu:319653
Olfir732	mmu:258659
Kif3c	mmu:16570
Coprs	mmu:66423
Rae1d1/Rae	mmu:56554
Cpne2	mmu:234577
Fignl1	mmu:60530
Ccnh	mmu:66671
28104740	mmu:67246
Noc4l	mmu:100608
Trim25	mmu:217069
Zyg11b	mmu:414872
Cox7a2	mmu:12866
Casc3	mmu:192160
Arl2	mmu:11841
Sla2	mmu:66140
Unkl	mmu:74154
Pdss1	mmu:56075
2200002D	mmu:72275
	mmu:68480
Ddrk1	mmu:77006
Fbxo21	mmu:231670
Jade1	mmu:269424
Ddx52	mmu:78394
Argul1	mmu:234023
Tmem17	mmu:103765
Cep1	mmu:99712
Zbtb1	mmu:268564
Dnmbp	mmu:71972
Palld	mmu:72333
Ints5	mmu:109077
Tax1bp3	mmu:76281
Sp3	mmu:20687
Gipc1	mmu:67903
Usp1	mmu:230484
Nipbl	mmu:71175
Myo1c	mmu:17913
Gprc5b	mmu:64297
Gli3	mmu:14634
Ahr	mmu:11622
Arrb1	mmu:109689
	mmu:319188
Ddx24	mmu:27225
Opa3	mmu:403187
Sr1	mmu:107513
Fam208b	mmu:105203
Lrp1b	