

Min_inten	WT_inten	GB_acc	TIGR_TC	Role_guess	UniGene
132203	123010	AF159801	null	null	null
13508	17609	AF159803	null	null	null
52333	20136	X58149	null	null	null
75866	73547	U91966	null	null	null
148532	344853	AF168390	null	null	null
848119	272422	AF247559	null	null	null
326947	316932	X56062	null	null	null
67930	214658	AF198054	null	null	null
0	0	AI838353	TC190235	null	Mm.20332
29943	25863	AI835341	TC159795	null	Mm.34246
3997	6702	AI836148	TC162029	null	Mm.21814
24732	22620	AI835376	TC160090	epididymal secretory protein	Mm.29454
0	0	AI835491	TC205226	null	Mm.31336
0	0	AI835355	TC205891	null	Mm.22978
25853	45514	AI836154	TC187501	eIF3-p44	Mm.30080
0	0	AI835382	TC201576	paralemmin	Mm.34650
30669	54630	AI836959	TC201177	null	Mm.3037
28292	31475	AI837008	TC204328	ARF5	null
0	0	AI838477	TC192401	null	Mm.23175
0	0	AI836065	null	null	Mm.39117
0	0	AI836968	TC200144	alpha-actinin	Mm.29991
5408	7144	AI838420	TC200460	null	Mm.22577
0	0	AI835993	null	null	null
0	0	AI836072	null	null	Mm.39118
163905	163004	AF159801	null	null	null
8211	11955	AF159803	null	null	null
0	0	X58149	null	null	null
161961	153239	U91966	null	null	null
203208	479592	AF168390	null	null	null
1037095	355828	AF247559	null	null	null
580867	604084	X56062	null	null	null
546563	1709116	AF198054	null	null	null
13013	20749	AI835524	TC201674	null	Mm.20274
111206	124762	AI835727	TC174086	null	Mm.28018
250404	267750	AI835907	TC173186	non-muscle myosin light chain	Mm.3328
45759	47259	AI835957	TC203042	null	Mm.41188
5756	17132	AI835546	TC161790	TDAG51	Mm.3117
55826	48185	AI835745	TC170501	null	Mm.41141
0	0	AI835920	TC162571	I47	Mm.4884
0	0	AI835964	TC175052	null	Mm.6793
9698	10013	AI836095	TC176694	null	Mm.41814
15609	17687	AI836772	null	null	Mm.39123
183509	198586	AI836804	TC159832	proteasome subunit C2	Mm.30097
158705	140018	AI836827	TC188337	null	Mm.28712
49978	55696	AI836101	TC186934	cyclin I	Mm.22711
7385	13260	AI840315	TC203506	platelet glycoprotein Ib beta	Mm.20365
0	0	AI836811	TC204903	null	Mm.40058
36818	56235	AI840336	TC175959	null	Mm.41536
37280	32275	AF159801	null	null	null
11046	19045	AF159803	null	null	null

104765	35350	X58149	null	null	null
101979	98025	U91966	null	null	null
112784	286359	AF168390	null	null	null
509747	175148	AF247559	null	null	null
157078	165715	X56062	null	null	null
9443	20723	AF198054	null	null	null
0	0	AI836342	TC190970	mHuC-L	Mm.3477
72602	92420	AI835344	TC173682	null	Mm.28725
0	0	AI836149	null	null	null
51342	53248	AI835377	TC174101	null	Mm.30028
21920	28635	AI835492	TC199927	null	Mm.31435
0	0	AI835986	null	null	null
0	0	AI835572	TC192055	null	Mm.40192
329717	362213	AI835385	TC159810	lactate dehydrogenase	Mm.26504
28282	47998	AI836960	null	null	Mm.41872
187806	167680	AI837011	TC200930	phosphatidylinositol transfer	Mm.3128
7193	5346	AI838479	TC173884	null	null
17432	22970	AI836066	TC174782	Nucleosome assembly protein 1-	Mm.2831
0	0	AI836973	TC164754	null	Mm.40311
58388	69394	AI838428	null	null	Mm.40763
0	0	AI835995	TC177825	null	Mm.23114
0	0	AI836074	TC165075	null	Mm.44094
140283	136102	AF159801	null	null	null
21182	32116	AF159803	null	null	null
122197	41631	X58149	null	null	null
925646	912923	U91966	null	null	null
240964	577802	AF168390	null	null	null
1111702	378274	AF247559	null	null	null
292558	303394	X56062	null	null	null
815852	2420349	AF198054	null	null	null
11613	8326	AI835528	TC162980	null	Mm.34412
55197	78980	AI835731	TC186637	ryudocan core protein	Mm.3815
167557	300630	AI835909	TC159537	ribosomal protein S3	Mm.4696
23500	24082	AI835958	TC162231	null	Mm.3445
11263	13910	AI835548	TC176486	null	Mm.36523
56982	61741	AI835749	null	null	null
11146	10628	AI835922	TC157991	null	Mm.35707
21763	21082	AI835965	TC160681	null	Mm.22353
0	0	AI836096	TC177835	glial fibrillary acidic protei	Mm.5716
99652	133862	AI840311	null	null	Mm.40098
3831	6016	AI840324	TC205803	null	Mm.40741
86682	79748	AI836829	TC174656	protein kinase type II regulat	Mm.27046
0	0	AI836102	TC191755	null	Mm.44232
662887	583662	AI840316	null	null	null
136852	227611	AI840326	null	null	Mm.42960
6437	5536	AI840337	null	null	null
98347	95241	AF159801	null	null	null
10752	12228	AF159803	null	null	null
16284	6002	X58149	null	null	null
245379	229930	U91966	null	null	null
248576	570233	AF168390	null	null	null

1041328	361483	AF247559	null	null	null
414461	417588	X56062	null	null	null
64062	219976	AF198054	null	null	null
12814	9647	AI836344	TC161427	null	Mm.28160
33955	64696	AI835983	TC163662	null	Mm.11346
20434	22645	AI836151	TC161911	null	Mm.28164
9654	14934	AI835378	TC178410	null	Mm.41362
0	0	AI836349	TC190365	null	Mm.6144
63653	79553	AI835359	TC158858	null	Mm.25393
67525	61437	AI835575	null	null	Mm.39111
4331	9929	AI835386	TC209382	null	Mm.44621
0	0	AI836962	null	null	null
34868	32967	AI838406	null	null	null
8306	3609	AI838481	TC160809	null	Mm.21881
11414	12079	AI836067	TC188246	Fus1 protein	Mm.21739
41098	39671	AI836976	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
0	0	AI838424	null	null	Mm.40404
0	0	AI835996	TC178862	null	Mm.40738
9526	9470	AI836075	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
41430	40584	AF159801	null	null	null
5289	12256	AF159803	null	null	null
10335	13173	X58149	null	null	null
175140	165554	U91966	null	null	null
101673	232188	AF168390	null	null	null
532017	165349	AF247559	null	null	null
211388	189786	X56062	null	null	null
394020	1178394	AF198054	null	null	null
26385	26348	AI835531	TC188455	null	Mm.41558
45607	43700	AI835733	TC161019	small zinc finger-like protein	Mm.22201
247262	309427	AI835910	TC159548	calmodulin	Mm.18041
54672	63562	AI835959	TC174431	null	Mm.30184
0	0	AI835551	TC202066	null	null
133811	147688	AI835750	TC163683	null	Mm.41359
92763	100795	AI835924	TC200741	signal recognition particle su	Mm.2233
72405	97083	AI835967	TC201195	arylhydrocarbon receptor	Mm.4452
90890	95707	AI836097	null	null	Mm.40053
11580	9348	AI836774	TC175173	null	Mm.27520
0	0	AI836807	TC174649	null	Mm.39985
136370	76296	AI836830	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
6876	8239	AI836104	TC175373	intracellular hyaluronan-bindi	Mm.40989
0	0	AI836782	TC202829	neuroglycan C	Mm.38496
3284	5639	AI840328	null	null	Mm.41299
19631	24175	AI836837	TC162145	voltage-dependent calcium chan	Mm.3544
177631	164115	AF159801	null	null	null
24133	21227	AF159803	null	null	null
290255	89535	X58149	null	null	null
123033	102617	U91966	null	null	null
257366	543177	AF168390	null	null	null
1276670	416226	AF247559	null	null	null
529267	469156	X56062	null	null	null
182450	530712	AF198054	null	null	null

84711	82814	AI836346	TC174088	null	Mm.28018
270233	368648	AI835347	TC159944	tropomyosin 5	Mm.17306
17783	24850	AI836152	TC175329	null	Mm.22189
26309	27420	AI835379	TC175706	cancer associated surface anti	Mm.41436
0	0	AI835314	TC177502	cyclin dependent kinase 5 regu	Mm.136
36270	31580	AI835361	TC188923	c-fms protein precursor (AA -1	Mm.22574
0	0	AI835576	TC191333	null	Mm.39312
0	0	AI836170	TC187670	MYLE protein	Mm.41091
0	0	AI836964	TC201336	GS15	Mm.34315
8750	8839	AI838407	null	null	Mm.15571
14356	20294	AI838482	TC173504	HP1 alpha protein	Mm.28003
52386	51098	AI836068	null	null	Mm.39762
0	0	AI836977	TC173556	null	Mm.542
6033	2584	AI838435	TC190041	null	Mm.34087
0	0	AI835998	TC187718	cbp37	Mm.22327
3015	4457	AI836076	TC162982	vesicular inhibitory amino aci	Mm.7444
225755	191385	AF159801	null	null	null
16921	26542	AF159803	null	null	null
74922	21080	X58149	null	null	null
776846	637392	U91966	null	null	null
250067	538991	AF168390	null	null	null
1047499	368812	AF247559	null	null	null
456468	417444	X56062	null	null	null
862899	2580131	AF198054	null	null	null
37565	41426	AI835541	TC203165	null	Mm.40601
6458	11167	AI835735	TC170503	null	Mm.40733
17717	20691	AI835916	TC187105	null	Mm.42949
13985	19766	AI835960	null	null	Mm.38994
14729	16658	AI835555	TC204762	null	Mm.39311
29006	31840	AI835751	TC175971	unnamed protein product	Mm.44229
466969	741987	AI835929	TC199907	elongation factor 2	Mm.4968
28798	45104	AI835968	TC160224	null	Mm.3069
185102	168240	AI836098	null	null	null
377508	385496	AI840312	null	null	null
113398	92737	AI840325	TC186490	null	Mm.16783
83663	73081	AI840335	null	null	Mm.39154
15927	20812	AI836106	TC188187	null	Mm.18819
285389	354752	AI836784	TC173371	HRS	Mm.43331
164450	130692	AI840329	null	null	Mm.9621
39462	35123	AI836839	TC175398	null	Mm.41420
296431	257524	AF159801	null	null	null
81121	85111	AF159803	null	null	null
88147	30704	X58149	null	null	null
284694	243245	U91966	null	null	null
415954	833744	AF168390	null	null	null
1244382	383488	AF247559	null	null	null
705035	616576	X56062	null	null	null
674017	1754609	AF198054	null	null	null
130558	206681	AI836347	TC159528	alpha-tubulin	Mm.4591
24645	36176	AI835353	TC176027	serine/threonine protein kinas	Mm.2981
77227	87905	AI836153	TC187239	null	Mm.28286

460152	266168	AI835380	TC173404	succinate dehydrogenase lp sub	Mm.29141
229819	315901	AI835315	TC200132	null	Mm.22723
21858	34726	AI835371	TC161008	Msx-interacting-zinc finger pr	Mm.42495
0	0	AI836158	TC162492	E2F-5	Mm.379
8038	18994	AI835388	TC174483	null	Mm.24652
23855	13035	AI836965	TC173553	Mlark	Mm.542
57804	62912	AI838412	TC186991	null	Mm.27818
8801	11233	AI835990	TC189380	null	Mm.41580
279669	300989	AI836069	null	null	null
20866	19608	AI836978	TC189951	HCNGP	Mm.3899
6469	5666	AI838436	TC186653	peroxisomal membrane protein 2	Mm.30215
0	0	AI835999	TC196189	null	Mm.67028
0	0	AI836077	TC188760	null	Mm.38347
98649	93961	AF159801	null	null	null
35561	50386	AF159803	null	null	null
496850	177921	X58149	null	null	null
899258	932817	U91966	null	null	null
259480	634033	AF168390	null	null	null
1834954	691756	AF247559	null	null	null
745303	764200	X56062	null	null	null
959344	2721214	AF198054	null	null	null
183806	224797	AI835542	null	null	Mm.39511
206597	369266	AI835737	TC173134	ribosomal protein L18	Mm.41923
171021	235845	AI835917	TC173700	null	Mm.22244
185497	203471	AI835962	null	null	Mm.22660
106155	116250	AI835556	null	null	Mm.39512
31198	26805	AI835752	null	null	null
938668	1310188	AI835930	null	null	null
77386	64673	AI835592	TC159977	null	Mm.24108
271321	353723	AI836099	TC173252	translation repressor NAT1	Mm.525
88335	77693	AI836777	null	null	null
77924	114165	AI836808	TC159878	Id2 protein	Mm.1466
225081	204650	AI836832	TC187002	capping protein beta-subunit,	Mm.2945
182679	198968	AI836107	null	null	Mm.39119
74367	64398	AI836786	TC174865	complement subcomponent C1Q A	Mm.370
14465	13826	AI836812	TC174505	null	Mm.29829
0	0	AI836840	TC188760	null	Mm.40734
307154	299026	AF159801	null	null	null
145602	154900	AF159803	null	null	null
361351	128388	X58149	null	null	null
932511	912950	U91966	null	null	null
411900	866102	AF168390	null	null	null
1610818	644508	AF247559	null	null	null
1083295	1039080	X56062	null	null	null
164729	476387	AF198054	null	null	null
52825	52974	AI836348	TC200632	null	Mm.28910
34566	29622	AI835985	TC201742	null	Mm.45776
18825	32513	AI835570	TC200921	null	Mm.38010
609781	1204826	AI835381	TC159524	ribosomal protein L5	Mm.4419
0	0	AI835316	TC164478	null	Mm.39109
20838	17333	AI836130	TC175930	SSeCKS	Mm.27481

511619	906500	AI836160	TC160021	null	Mm.68735
61066	59598	AI835395	TC157770	neural specific sr protein NSS	Mm.10229
0	0	AI836966	TC202176	null	Mm.760
31241	31306	AI838414	TC162019	null	Mm.6952
10751	9047	AI835992	TC163021	null	Mm.34074
0	0	AI836071	TC202846	null	Mm.27296
30585	21950	AI836979	TC173202	CCTtheta, theta subunit of the	Mm.36792
0	0	AI838442	null	null	Mm.40078
90018	72889	AI836001	TC173565	unnamed protein product	Mm.29945
19807	16189	AI836078	TC204929	inward rectifier potassium cha	Mm.4273
0	0	AF159801	null	null	null
77317	77115	AF159803	null	null	null
495782	174142	X58149	null	null	null
1483077	1374862	U91966	null	null	null
440659	870139	AF168390	null	null	null
1953506	800030	AF247559	null	null	null
371878	335974	X56062	null	null	null
0	0	AF198054	null	null	null
14015	11814	AI835545	TC176138	null	Mm.41350
190992	154475	AI835741	null	null	null
32029	34749	AI835918	TC191706	null	Mm.41820
0	0	AI835963	TC187484	PIAS3	Mm.1635
43468	38277	AI835700	TC157427	null	Mm.29888
116086	81793	AI835755	TC189517	IGIF precursor polypeptide	Mm.1410
0	0	AI835931	TC173917	I3 protein	Mm.2585
862295	1552142	AI836186	TC159569	ribosomal protein L3	Mm.3486
77613	48711	AI836100	TC160507	null	Mm.28052
48211	35579	AI836780	TC159907	null	Mm.34578
0	0	AI836810	TC161180	null	Mm.40708
32033	16668	AI836834	TC187200	null	null
62617	32061	AI836108	TC192169	null	Mm.40194
105672	58514	AI836787	TC203401	null	Mm.39711
0	0	AI836813	TC179744	null	Mm.40748
0	0	AI836841	TC158174	GABA-A receptor-associated pro	Mm.30064
14516	13589	AI836658	TC201594	COQ7 protein	Mm.20634
0	0	AI836361	TC192249	null	Mm.44097
19777	16159	AI836416	TC161710	null	Mm.21067
0	0	AI837050	TC175397	apoptosis associated tyrosine	Mm.6826
22855	15568	AI836666	null	null	null
0	0	AI836374	TC200460	null	Mm.22577
6632	6744	AI836865	TC181161	null	Mm.44102
18109	23523	AI837058	null	null	Mm.40751
19052	23681	AI838039	TC159545	heat shock protein 65	Mm.1777
12689	11141	AI838101	TC202777	null	Mm.34600
8041	11342	AI838163	TC159712	mouse RNA polymerase I 40kD su	Mm.41491
0	0	AI838216	TC200572	subtilisin/kexin isozyme SKI-1	Mm.29791
0	0	AI838055	TC160193	null	Mm.38438
28257	27357	AI838117	TC187824	62 kDa subunit of TFIIH	Mm.22700
0	0	AI838174	TC188633	null	Mm.22623
287992	271080	AI838226	null	null	null
0	0	AI838978	TC196346	null	Mm.39331

32898	30298	AI838733	null	null	Mm.39327
17260	20930	AI838775	TC157927	null	Mm.21657
10775	12364	AI841653	null	null	null
12642	13998	AI838986	TC174644	cerebellar leucine rich acidic	Mm.22717
0	0	AI838744	TC162351	null	Mm.41779
20328	21285	AI838788	TC186693	null	Mm.6072
0	0	AI841665	TC158961	membrane-type matrix metallopr	Mm.19945
6749	5295	AI837849	TC175792	null	Mm.43499
0	0	AI837961	TC169476	null	Mm.40759
0	0	AI838025	TC179408	null	Mm.39129
0	0	AI837419	TC177068	null	Mm.46213
84709	69442	AI837859	TC187202	null	Mm.29828
10742	14530	AI837970	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
0	0	AI837379	TC173844	null	Mm.27435
0	0	AI837434	TC175971	unnamed protein product	Mm.40066
0	0	AI838276	TC202479	null	Mm.40762
0	0	AI838326	TC159800	null	Mm.22708
29899	41227	AI838572	TC188411	null	Mm.39477
16004	21634	AI838624	TC186669	Sec61	Mm.28375
13552	16266	AI838289	TC182560	null	Mm.68864
109907	128504	AI838336	TC158232	sulfated glycoprotein	Mm.3363
39457	58884	AI838583	null	null	null
30026	30340	AI838634	TC174718	ubiquitin-specific processing	Mm.40986
42508	56180	AI839117	TC174356	null	Mm.26537
135075	108610	AI839156	TC173412	p68(beta ig-h3)	Mm.14455
91576	62599	AI840451	TC160325	CD98 heavy chain	Mm.4114
60482	54827	AI839307	null	null	Mm.39336
0	0	AI839123	TC189867	null	Mm.41506
57047	64291	AI839168	TC160602	null	Mm.41265
7540	16852	AI840468	TC207041	null	Mm.39155
0	0	AI839315	TC181043	null	Mm.39545
0	0	AI836659	TC163626	null	Mm.40262
1021887	816236	AI836363	TC200017	thyroid hormone binding protei	Mm.16660
40781	60575	AI837019	TC199921	null	Mm.40068
13568	14849	AI837051	TC189245	null	Mm.29190
0	0	AI836668	null	null	Mm.39316
11323	14001	AI836376	TC164303	null	Mm.40031
0	0	AI837031	TC192091	null	Mm.41117
5654	10949	AI837059	TC202229	null	Mm.25547
7412	5926	AI838042	null	null	Mm.39777
4742	5448	AI838103	TC191456	null	Mm.41674
20838	22811	AI838164	TC203329	null	Mm.34858
0	0	AI838217	TC187021	null	Mm.4471
32491	25041	AI838056	TC187262	null	Mm.28422
11876	22946	AI838128	TC189493	epidermal surface antigen	Mm.3840
0	0	AI838176	null	null	Mm.40075
30371	17093	AI838228	TC175045	leukemia/lymphoma related fact	Mm.20920
7091	11559	AI838979	TC204290	null	Mm.42932
31066	28705	AI838735	TC188265	null	Mm.18634
0	0	AI838776	TC168404	null	null
2986	14163	AI841654	TC187476	serpentine receptor	Mm.13799

0	0	AI838708	TC200940	null	Mm.21187
57885	123647	AI838745	null	null	Mm.40767
15751	17627	AI841611	TC203460	null	Mm.9868
0	0	AI841671	TC203156	null	Mm.40796
0	0	AI837850	TC175827	null	Mm.40777
0	0	AI837962	TC200286	coronin-1	Mm.27317
0	0	AI838026	TC202661	null	Mm.30896
0	0	AI837422	TC199916	beta-tubulin [AA 1-444] (79 is	Mm.1703
128471	93119	AI837860	TC200103	cytochrome c oxidase subunit V	Mm.360
353451	452711	AI837976	TC158911	ribophorin	Mm.22130
42475	40015	AI837380	TC160456	null	Mm.37395
22264	19545	AI837436	TC191769	null	null
14433	34235	AI838277	TC202153	Net	Mm.4454
70025	80513	AI838328	null	null	null
310411	513628	AI838575	null	null	Mm.40081
23569	23457	AI838628	TC175452	null	Mm.29508
153946	170922	AI838290	TC200588	null	Mm.29778
29803	46241	AI838337	TC186882	null	Mm.42855
13192	12696	AI838584	TC189819	null	Mm.57466
253545	353809	AI838635	TC159890	mPRL-2	Mm.6355
221010	209628	AI839118	TC157213	Histone H1.4	Mm.22570
79530	101873	AI839158	TC173087	null	Mm.35812
60903	90773	AI840454	TC199903	c-myc binding protein MM-1	Mm.836
0	0	AI839309	TC164643	null	Mm.39785
389017	724444	AI839125	TC200021	null	Mm.43749
72018	81689	AI839173	null	null	Mm.39143
228748	426615	AI840469	TC186399	ribosomal protein S8	Mm.3381
36310	41719	AI839319	TC194290	null	Mm.41094
4644	5156	AI836662	TC173464	null	Mm.19825
22204	22368	AI836364	TC175973	null	Mm.40452
34518	42047	AI836864	TC176538	brain factor-1	Mm.4704
21637	42399	AI837052	TC188296	null	Mm.24707
0	0	AI836669	TC174720	null	Mm.41638
7978	17342	AI836378	TC210039	null	null
34704	42029	AI836866	TC189513	null	Mm.35674
5436	6349	AI837061	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
42529	42159	AI838043	null	null	null
7560	7614	AI838104	TC164913	null	Mm.39532
5877	6950	AI838165	TC210040	null	null
418482	386856	AI838219	null	null	Mm.40401
0	0	AI838057	TC176657	null	Mm.41118
1948484	1763577	AI838129	null	null	Mm.40761
0	0	AI838178	TC200267	V-1 protein	Mm.4143
7071	6499	AI838230	TC204897	rap1/rap2 interacting protein	Mm.1426
5303	11161	AI838980	TC161462	preprocathepsin K	Mm.3109
10283	7343	AI838739	TC210346	null	Mm.44008
4421	6539	AI838780	TC205819	null	Mm.45423
60699	74534	AI841659	TC189301	procollagenase	Mm.5022
23067	24767	AI838709	TC202067	spermatid perinuclear RNA bind	Mm.18034
60777	59966	AI838747	TC158331	filamin	Mm.28044
67379	55285	AI841614	TC200316	H2-IE-beta precursor	Mm.22564

0	0	AI841675	TC202932	null	Mm.41733
8147	8138	AI837851	TC182858	null	Mm.40338
0	0	AI837963	TC200558	chloride ion current inducer p	Mm.21482
36959	42453	AI837370	null	null	null
2564486	2255597	AI837425	TC157592	E25B protein	Mm.4266
0	0	AI837863	null	null	Mm.40757
0	0	AI837982	TC174688	null	Mm.32794
33372	33832	AI837382	TC175278	unnamed protein product	Mm.28198
0	0	AI841538	TC187828	null	Mm.41009
50633	89107	AI838282	TC199919	null	Mm.22774
0	0	AI838331	null	null	Mm.42430
10591	12040	AI838576	TC203351	null	Mm.54506
71246	97348	AI838630	TC173688	null	Mm.2815
5834	4079	AI838291	TC201770	homeobox protein	Mm.3869
58407	44453	AI838338	null	null	Mm.40402
32961	25119	AI838586	TC203183	null	Mm.23065
9778	8228	AI838636	TC177315	null	Mm.27795
9463	9158	AI839119	TC187603	null	Mm.36906
0	0	AI839161	TC176568	null	Mm.30766
8727	11308	AI840455	TC190292	null	Mm.41083
26976	33458	AI839310	TC161876	null	null
208299	266353	AI839126	null	null	Mm.39544
46321	60197	AI839174	TC188538	tripeptidyl-peptidase ii	Mm.28867
0	0	AI840470	null	null	null
27427	25995	AI839320	null	null	Mm.39147
28821	23546	AI836663	TC187474	PxF protein	Mm.29198
0	0	AI836366	TC176783	null	Mm.44095
219544	218998	AI837026	null	null	Mm.39525
0	0	AI837054	TC210053	null	null
19100	12433	AI836671	null	null	null
8284	7959	AI836380	TC165687	null	Mm.39121
237443	318994	AI836867	TC187468	Bcl-2-binding protein	Mm.688
12694	12817	AI837062	TC159086	null	Mm.29482
31919	44853	AI838049	TC202102	null	Mm.29342
26179	28710	AI838105	null	null	null
0	0	AI838169	TC176450	dynamain	Mm.16080
17213	17370	AI838220	TC200442	GAPIII	Mm.18517
8834	6171	AI838058	TC181128	null	Mm.40399
49384	64491	AI838132	TC173109	ADAM23	Mm.39533
74860	72584	AI838188	TC158429	null	Mm.41272
44104	36900	AI838238	null	null	null
9309	13039	AI838982	TC174714	null	Mm.28030
19804	14688	AI838740	TC162203	null	Mm.41622
0	0	AI838782	TC208916	null	Mm.976
48259	48638	AI841660	TC161437	null	Mm.38804
65271	85593	AI838711	TC173803	PKCq-interacting protein PICOT	Mm.29675
13914	9764	AI838750	TC191239	null	null
24947	27945	AI841616	null	null	Mm.39163
30043	34659	AI841677	TC186809	null	Mm.27606
27111	41719	AI837853	TC200541	null	Mm.29135
0	0	AI837964	null	null	Mm.43078

0	0	AI837371	TC174375	null	Mm.29909
0	0	AI837427	TC158386	null	Mm.40802
95357	101435	AI837865	TC203677	null	Mm.33133
0	0	AI837984	TC162367	null	Mm.41915
19998	17586	AI837386	null	null	Mm.40392
0	0	AI841545	null	null	Mm.40793
169813	287531	AI838284	null	null	Mm.39132
18908	31315	AI838332	TC187547	null	Mm.34184
20826	20845	AI838577	TC190425	null	Mm.39062
12715	15717	AI838631	TC203743	null	Mm.34792
138379	182180	AI838292	TC186556	null	Mm.41742
51845	41581	AI838339	TC190623	null	Mm.23099
21256	33767	AI838589	TC187878	TF-1 apoptosis related protein	Mm.21650
54516	53464	AI838637	TC160130	null	Mm.3871
52668	50699	AI839120	TC179960	null	Mm.54534
58469	70443	AI839162	TC200101	null	Mm.28626
22956	28408	AI840458	TC175597	null	Mm.29721
88373	76286	AI839311	null	null	Mm.4479
30088	53614	AI839129	TC186648	phosphodiesterase I/nucleotide	Mm.28107
0	0	AI839175	TC174778	null	Mm.29964
24031	22921	AI840472	null	null	Mm.40102
1506805	1280931	AI839322	null	null	null
10621	11740	AI836664	TC163821	null	Mm.41508
187112	139021	AI836367	TC158337	tapasin	Mm.4975
50746	41919	AI837028	TC160637	null	Mm.41297
34797	35648	AI836872	TC201236	null	Mm.28753
59062	57876	AI836676	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
81231	108811	AI836381	TC159654	gamma-actin	Mm.29913
150172	246472	AI837033	null	null	Mm.16820
83664	134527	AI836873	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
12655	16164	AI838050	TC162479	null	Mm.41248
0	0	AI838113	TC161899	null	Mm.41775
68894	98115	AI838171	TC161095	valyl-tRNA synthetase	Mm.28420
55706	57552	AI838222	TC187127	FK-506 binding protein homolog	Mm.6565
88351	127709	AI838060	TC160885	null	null
17407	20362	AI838133	TC175798	cornichon-like protein	Mm.3123
82428	97512	AI838189	TC190815	null	Mm.41291
0	0	AI838251	null	null	Mm.39534
34039	27250	AI838983	TC200361	glutathione-S-transferase homo	Mm.282
9099	12060	AI838741	TC160232	platelet-activating factor ace	Mm.24199
14615	14267	AI838783	TC162970	null	null
39890	45758	AI841663	TC200642	null	Mm.28600
8600	9503	AI838713	TC202411	null	Mm.12715
27501	33175	AI838753	TC161624	null	Mm.27500
18922	29433	AI841619	TC158341	null	Mm.27700
16462	18845	AI841678	TC162538	null	Mm.14787
267254	244982	AI837854	TC202008	null	Mm.28195
409529	379314	AI837967	null	null	Mm.40398
69321	64217	AI837373	TC201672	null	Mm.23940
0	0	AI837431	TC188233	Rab24 protein	Mm.18800
24057	25016	AI837866	null	null	null

70192	61111	AI837992	TC204994	null	Mm.37524
42609	30171	AI837387	null	null	null
0	0	AI841550	TC160961	null	Mm.23869
41208	58939	AI838286	TC160615	bmi-1	Mm.7719
13145	13432	AI838333	null	null	Mm.39133
25770	32124	AI838580	TC159015	interferon-g induced GTPase	Mm.33902
147949	121882	AI838632	TC200172	null	Mm.7884
103255	93149	AI838293	TC161915	null	Mm.29072
179464	164546	AI838340	null	null	null
106753	128706	AI838590	TC200630	COP9 complex subunit 4	Mm.957
28350	27076	AI838638	TC180989	tyrosine kinase	Mm.2536
17275	17559	AI839121	null	null	null
166421	197298	AI839164	TC173318	null	Mm.18688
27300	20656	AI840464	TC162732	null	Mm.36756
17335	22054	AI839313	TC175996	NG38	Mm.36675
54800	75754	AI839130	TC173127	Gh/tissue transglutaminase	Mm.18843
3017911	2862521	AI839176	TC159876	glutamine synthetase	Mm.41660
33807	25966	AI840482	TC174964	null	Mm.1795
218661	197685	AI839323	null	null	null
0	0	AI836665	null	null	Mm.40387
16463	21182	AI836373	TC175177	null	Mm.28694
102484	92839	AI837029	TC189237	reticulocalbin	Mm.4876
16589	20204	AI837057	TC163991	null	null
178602	169181	AI836677	null	null	null
51451	69142	AI836386	TC196363	null	null
0	0	AI837035	TC175520	null	Mm.39715
84998	123125	AI837065	TC160186	null	Mm.27190
0	0	AI838051	TC205162	octamer binding protein	Mm.1330
44630	40049	AI838115	TC176522	null	Mm.18506
21247	14433	AI838172	null	null	null
19426	27189	AI838225	TC204626	null	Mm.41484
0	0	AI838062	TC192258	null	Mm.29280
54700	48237	AI838135	null	null	Mm.40400
11159	8543	AI838190	TC205171	null	Mm.32934
37218	39817	AI838253	null	null	Mm.40076
15832	52386	AI838985	TC200994	CIRP	Mm.17898
22962	31552	AI838742	TC173957	unknown protein	Mm.17392
126353	115638	AI838784	TC173427	null	Mm.5885
43298	100924	AI841664	TC186563	null	Mm.3797
21879	17422	AI838714	null	null	null
21233	14778	AI838754	TC202621	insulin-like growth factor bin	Mm.21373
139963	111249	AI841622	null	null	Mm.40795
72367	80908	AI841681	TC174701	null	Mm.29408
170879	134256	AI837858	TC202570	protein kinase C beta-II (AA 1	Mm.4182
70660	65008	AI837969	TC188436	null	Mm.30489
109253	92563	AI837378	null	null	null
0	0	AI837432	TC162196	asc1	Mm.35567
0	0	AI837869	TC159923	small EDRK-rich factor 2	Mm.1106
0	0	AI837996	TC162849	GRP1-associated scaffold prote	null
0	0	AI837388	TC176620	null	null
0	0	AI841551	TC204523	kinesin family protein KIF1a	Mm.4762

27172	17338	AI838288	TC179162	null	null
0	0	AI838335	TC199692	null	Mm.39535
34972	36594	AI838581	TC162348	null	Mm.29046
31615	30192	AI838633	TC161196	null	Mm.38789
234288	374831	AI838295	TC159792	null	Mm.13944
149603	131979	AI838341	TC200694	null	Mm.41652
200917	204082	AI838591	TC159560	cytoskeletal beta-actin	Mm.297
0	0	AI838641	TC175543	arf-like protein 2	Mm.21071
44550	27570	AI839122	TC200956	flavin-containing monooxygenas	Mm.976
298356	287635	AI839167	null	null	null
38654	31120	AI840465	TC204369	null	Mm.40703
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199553	174463	AI839134	null	null	Mm.16820
0	0	AI839177	TC178647	null	Mm.3819
28716	34034	AI840484	TC174573	null	Mm.29099
85337	106642	AI839324	TC200160	null	Mm.26956
0	0	AI839716	TC163342	null	null
21280	27041	AI839764	TC187479	null	Mm.18539
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0	0	AI839953	TC201789	Meis3	Mm.4710
162644	224191	AI839723	null	null	Mm.40092
6738	9541	AI839775	TC160700	null	Mm.27269
18892	22785	AI839579	TC203964	chromogranin A	Mm.4137
0	0	AI839966	null	null	null
15208	16451	AI837073	TC173957	unknown protein	Mm.41472
4379	3952	AI837128	TC176215	null	Mm.20703
50082	57940	AI837248	null	null	null
0	0	AI837244	null	null	null
48447	71859	AI837089	null	null	Mm.39526
17800	23373	AI837138	TC200308	BTEB-1 transcription factor	Mm.19788
0	0	AI837275	TC176298	null	Mm.34308
47083	68814	AI837294	TC187526	null	Mm.24327
124116	214365	AI841020	null	null	Mm.188
44315	51901	AI840561	TC157231	ENO2	Mm.3913
15421	11278	AI840605	TC187071	null	Mm.24341
0	0	AI840663	TC173309	protein-tyrosine kinase substr	Mm.584
12729	10424	AI840515	null	null	null
64258	77585	AI840578	TC189344	receptor interacting protein 1	Mm.20895
27008	34386	AI840620	TC188837	null	Mm.36034
317259	231050	AI840673	TC173114	ARL-6 interacting protein-1	Mm.29924
9551	17025	AI840003	TC182838	null	null
195843	227866	AI840267	TC187598	null	Mm.25161
971008	1050070	AI841963	null	null	Mm.40116
0	0	AI840037	TC161073	selenoprotein R	Mm.28212
230981	536471	AI840232	TC159707	SPARC (aa 1-302)	Mm.35439
106829	132706	AI840276	TC201528	null	Mm.27768
0	0	AI840011	null	null	null
1689543	1143657	AI840354	TC174054	null	Mm.30158
0	0	AI837333	TC175792	null	Mm.43499
13107	14651	AI837616	TC191685	null	Mm.39463
8085	13770	AI837649	TC163740	null	Mm.23573

0	0	AI839232	TC205392	null	Mm.23897
18161	20848	AI837343	TC200873	null	Mm.29047
43757	69534	AI837627	TC160807	MNUDC protein	Mm.69
122145	168363	AI837657	TC159750	null	Mm.20946
37259	38199	AI839252	TC173800	Fc receptor (FcRn)	Mm.3303
87839	101376	AI840693	null	null	Mm.39343
85390	81967	AI834764	TC181290	null	Mm.41549
85384	144760	AI834844	TC199895	null	Mm.3111
11036	10372	AI841192	TC160515	null	Mm.34388
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94515	93175	AI834777	TC162763	null	Mm.886
77226	84670	AI841153	TC161289	null	Mm.40789
55332	48036	AI841203	null	null	Mm.39161
68277	61438	AI839718	TC161877	null	Mm.27579
11853	15415	AI839766	TC160409	null	Mm.44202
8750	8324	AI839581	TC204194	porcupine-B	Mm.41749
20106	25690	AI839954	TC175010	null	Mm.34046
36271	60618	AI839725	TC187989	MHC H-2K/t-w5-linked ORF precu	Mm.18556
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8583	10935	AI839580	TC204217	null	Mm.37750
3455	3313	AI839967	TC203933	null	Mm.39791
27881	31227	AI837076	TC165186	null	Mm.40606
3737	8841	AI837129	null	null	Mm.42563
80164	65296	AI837259	TC200950	null	Mm.21501
4536	6812	AI837287	TC186868	qkl-7	Mm.2655
0	0	AI837091	null	null	Mm.40062
0	0	AI837142	TC176694	null	Mm.41814
6484	10356	AI837285	TC175071	2P1 protein	Mm.45204
23708	29986	AI837298	TC176723	null	Mm.33003
49506	60191	AI841022	TC200713	null	Mm.39157
5416	11027	AI840562	TC190581	null	Mm.39794
45091	44400	AI840606	TC174547	ATP-dependent metalloprotease	Mm.23335
0	0	AI840665	TC179801	null	null
6674	13586	AI840518	TC176268	null	Mm.41908
29317	34816	AI840579	TC173617	serine racemase	Mm.19015
9130	9730	AI840621	TC166415	null	Mm.40783
282646	231731	AI840674	null	null	Mm.42432
78477	71353	AI840008	TC202124	pericentriolar material-1	Mm.28192
249680	400101	AI840270	TC160140	fertilization antigen-1; FA-1	Mm.29504
542127	658183	AI841966	TC186553	AMP activated protein kinase	Mm.6670
16611	25664	AI840039	TC202415	null	Mm.22094
84796	82797	AI840233	TC200918	K+ channel beta-1 subunit	Mm.1438
538022	762862	AI840277	TC186422	murine valosin-containing prot	Mm.18921
512617	556768	AI840013	TC187206	null	Mm.28883
381875	547910	AI840360	null	null	Mm.40099
64532	86962	AI837334	TC187877	null	Mm.608
6066	9491	AI837617	null	null	null
10043	12871	AI837652	null	null	Mm.40397
48396	53502	AI839237	null	null	Mm.39333
26993	24480	AI837346	null	null	Mm.39127
58180	59087	AI837630	TC200341	null	Mm.24387

12341	9972	AI837658	TC188245	nervous system-specific RNA bi	Mm.34904
80978	93449	AI839257	TC182795	null	Mm.39146
107955	111692	AI840695	null	null	Mm.39795
25457	30093	AI834765	TC174314	lysyl hydroxylase 1	Mm.40714
145508	158290	AI841147	TC188087	null	Mm.28121
11261	16250	AI841193	TC158944	null	Mm.28982
10537	11383	AI840703	null	null	Mm.2632
118792	109483	AI834778	TC173244	angiotensin II AT2 receptor-in	Mm.28951
48121	64610	AI841154	TC200779	G9A	Mm.28155
33024	27981	AI841207	TC196558	null	Mm.20117
301475	269450	AI840048	TC175389	TOM1	Mm.1967
46201	50767	AI839767	TC202342	null	Mm.23176
65616	78410	AI839582	TC157686	BAP37	Mm.36241
41505	33853	AI839956	TC161467	null	Mm.38211
345141	313758	AI840050	TC200622	short coiled coil protein SCOC	Mm.24763
0	0	AI839779	TC174986	null	Mm.39548
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1095015	1040210	AI839968	null	null	null
21482	21084	AI837079	TC179367	null	Mm.40752
19737	26369	AI837130	TC201733	null	Mm.39038
14778	16263	AI837260	TC188126	null	Mm.22594
17452	15246	AI837288	TC190884	null	Mm.24919
27069	22843	AI837092	TC176235	null	Mm.38993
24810	20009	AI837146	TC200974	null	Mm.35449
14378	9949	AI837214	TC175718	null	Mm.4714
90749	78329	AI837299	TC158506	573K1.1.2 (gamma-aminobutyric	Mm.32191
22647	18054	AI841023	null	null	null
19404	20879	AI840564	null	null	null
32463	29502	AI840607	TC188673	CD53	Mm.30351
92258	73788	AI840666	TC159441	medium-chain acyl-CoA dehydrog	Mm.10530
13529	15962	AI840522	TC158667	neural cell adhesion molecule	Mm.4974
0	0	AI840580	null	null	Mm.39156
6805	3265	AI840624	TC189502	null	Mm.35302
230027	170663	AI840632	TC202818	null	Mm.27241
0	0	AI840009	TC165538	null	Mm.41819
9578	8088	AI840271	TC205288	netrin-1 precursor	Mm.39095
8361	7825	AI841967	TC200932	null	Mm.24870
349910	346185	AI840041	TC175810	null	Mm.23094
21752	20121	AI840235	null	null	Mm.29926
10958	10974	AI840282	TC200804	null	Mm.18959
79414	74103	AI840014	TC159542	myelin basic protein	Mm.2992
146042	137481	AI840361	TC157377	null	Mm.40423
394783	271823	AI837335	null	null	null
6607	4767	AI837618	TC190694	null	Mm.40151
65097	75384	AI837653	TC200166	cAMP-dependent protein kinase	Mm.30039
228849	336695	AI839241	TC200170	cellular nucleic acid binding	Mm.7335
20269	20776	AI837348	null	null	Mm.39528
162192	145577	AI837632	null	null	null
8969	11367	AI839198	TC181143	null	Mm.41467
171433	140853	AI839261	TC158927	null	Mm.44226
54877	49612	AI840697	TC189223	N-myristoyltransferase 1	Mm.10265

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18546	17199	AI841149	null	null	Mm.39559
22043	20529	AI841195	TC164616	thromboxane A2 receptor	Mm.4545
57153	59265	AI840704	TC193225	null	Mm.41039
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84667	82874	AI841156	null	null	null
347953	324933	AI841209	TC200457	clathrin-associated AP-2 compl	Mm.18946
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31255	29407	AI839768	TC157644	coproporphyrinogen oxidase	Mm.35820
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6172	7660	AI839959	TC177861	null	Mm.39551
12922	12467	AI839804	TC162067	null	Mm.18268
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13049	13526	AI839587	TC174024	p19 protein	Mm.29020
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43578	44964	AI837082	TC188885	null	Mm.33338
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32773	36716	AI837264	TC188200	null	Mm.29624
14414	16950	AI837290	TC188346	null	Mm.24671
10308	19938	AI837094	TC165357	null	Mm.22970
20279	21625	AI837147	TC203170	vacuolar protein sorting homol	Mm.2582
98753	90148	AI837217	null	null	null
84869	80211	AI837302	TC173621	null	Mm.21356
10892	9435	AI841030	TC204652	null	Mm.41313
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2795336	2213558	AI840610	null	null	null
63409	58127	AI840667	TC188032	COPI coatomer complex, beta su	Mm.27327
2251941	2060542	AI840523	null	null	Mm.40782
11552	18129	AI840581	TC164347	null	Mm.31199
8221	12406	AI840625	TC190672	null	Mm.17573
39433	40994	AI840633	TC177192	null	Mm.38021
193083	208712	AI840225	TC173656	null	Mm.28571
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6721	10232	AI837336	null	null	Mm.40063
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27767	18386	AI839243	TC160521	null	Mm.39067
52731	40540	AI837350	TC179575	null	Mm.40064
42331	54593	AI837633	TC165970	null	Mm.63820
34168	42093	AI839200	TC175718	null	Mm.4714
224757	187406	AI839264	null	null	null
41581	37594	AI840698	TC158178	297 aa protein	Mm.4284
154132	147413	AI834768	TC189902	null	Mm.38806
144028	146885	AI841150	TC187399	null	Mm.29866
43779	50115	AI841196	TC207186	null	Mm.40855

33561	30040	AI840706	TC203866	null	Mm.32716
11612	8041	AI834783	TC164808	GABA-A receptor alpha-1 subuni	Mm.4914
86499	82129	AI841157	null	null	Mm.298
27177	24284	AI841210	TC175575	null	Mm.28988
71428	58176	AI839720	TC203914	null	Mm.41243
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0	0	AI839585	TC201790	NVP-1	Mm.5078
927744	469032	AI839962	TC200060	malate dehydrogenase	Mm.3156
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33055	31564	AI839784	TC176156	null	Mm.34598
25375	33710	AI839589	TC186843	14-3-3 protein gamma	Mm.29717
165128	96754	AI839975	TC160182	null	Mm.22467
12884	11569	AI837083	null	null	Mm.39773
179593	139494	AI837136	null	null	null
13420	16399	AI837265	TC175454	null	Mm.25162
26077	22643	AI837292	TC204171	calmodulin-dependent phosphodi	Mm.62
0	0	AI837098	null	null	null
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72867	74392	AI837306	TC177359	null	Mm.34093
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40592	51636	AI840582	TC200940	null	Mm.21187
2325	3868	AI840627	TC202659	potassium channel protein-1 (A	Mm.2493
342062	303967	AI840634	TC177481	PACSN	Mm.4926
508177	432126	AI840227	TC186503	mCDC47	Mm.18923
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1126313	1267679	AI841970	TC187710	hypothetical protein	Mm.26080
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289889	218258	AI840238	TC186811	BAP31	Mm.17
1391446	1138514	AI840284	TC186497	aldehyde reductase	Mm.30085
101444	112192	AI840021	TC188155	null	Mm.28499
866792	766036	AI840367	TC160293	null	Mm.34832
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27602	34577	AI837655	TC200948	null	Mm.29769
21155	17423	AI839244	TC176486	null	Mm.36523
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2990670	2850272	AI839265	null	null	Mm.39334
360061	262386	AI840700	null	null	Mm.19189
45879	61967	AI834770	TC161662	null	Mm.25581
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825248	660422	AI834784	null	null	Mm.40728
105705	91988	AI841162	null	null	null

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330345	376045	AI839722	TC159831	null	Mm.42256
41093	69666	AI839774	TC160206	null	Mm.30161
58930	71636	AI839578	TC173358	null	Mm.7091
140997	109688	AI839964	TC165191	class I MHC-restricted T cell	Mm.42791
116128	120486	AI839807	null	null	null
103333	104890	AI839785	null	null	null
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19461	21635	AI839976	TC194141	null	null
34724	35888	AI837084	TC186892	null	Mm.29369
33365	39003	AI837137	TC160854	null	Mm.20353
328151	351924	AI837271	null	null	Mm.39527
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151992	161281	AI837099	TC158967	null	Mm.28873
10313	10246	AI837159	TC164200	null	null
83707	127280	AI837221	TC200132	null	Mm.22723
32214	40115	AI837311	TC161048	null	Mm.28527
38544	28534	AI840514	TC188853	null	Mm.69091
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144771	148503	AI840676	TC173092	brain beta spectrin	Mm.20405
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1040783	929665	AI840275	null	null	Mm.3776
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226826	181150	AI840239	TC175365	null	Mm.24603
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64023	68277	AI840369	TC175812	secretogranin III	Mm.2386
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60424	42654	AI840710	TC202931	null	Mm.38813
57009	45970	AI834785	TC188976	unnamed protein product	Mm.41634
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1218152	881138	AI841215	null	null	Mm.40433
0	0	AI843348	TC160239	WW domain binding protein 11	Mm.3855
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9675	8078	AI843403	TC190202	null	Mm.2013
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40823	47692	AI843491	TC202915	MEK kinase 4a	Mm.28587
226972	239237	AI842621	TC188224	VAMP-associated protein 33b	Mm.38800
9255	15997	AI845474	null	null	Mm.42654
36684	33893	AI845521	TC180005	null	Mm.40827
63151	183180	AI846732	TC201548	gamma-glutamyl hydrolase precu	Mm.20461
217623	495589	AI846778	TC159930	decorin	Mm.1987
11595	14201	AI845481	TC173543	null	Mm.27035
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37139	27781	AI843599	null	null	Mm.39574
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108004	123090	AI846733	TC188808	null	Mm.34034
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49211	85591	AI843895	TC200011	null	Mm.17253
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7141	7404	AI843102	TC175234	ABC transporter	Mm.28663
12900	12334	AI843145	TC158696	null	null
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32868	41732	AI842535	TC160032	P311	Mm.4919
23419	57282	AI842576	TC187886	TWIK-1 K+ channel	Mm.10800
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7531	6217	AI843146	TC174443	null	Mm.34645
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12716	5031	AI846736	TC166161	null	Mm.39855
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29300	41509	AI843855	TC198663	null	null
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136217	121634	AI843192	TC175662	null	Mm.39364
82115	88913	AI843230	TC204411	null	Mm.31525
48312	45910	AI843864	TC162218	type II phosphatidylinositolph	Mm.21518
21136	29240	AI843899	TC160221	NSD1 protein	Mm.12964
51788	67107	AI843358	TC189037	null	Mm.1915
9427	6173	AI843400	TC165190	null	Mm.29272
11513	8868	AI842529	TC162092	null	null
105332	89830	AI842563	TC205256	null	Mm.29616
0	0	AI843373	TC200195	null	Mm.31800
87192	69947	AI842497	TC202119	null	Mm.9864
40494	58424	AI842537	TC158970	null	Mm.25364
0	0	AI842580	null	null	null
21188	24910	AI843596	TC190576	null	Mm.41534
63069	77210	AI843268	null	null	null
15816	14221	AI843306	TC211871	null	Mm.39826
12422	9798	AI845437	TC157231	ENO2	Mm.3913
98252	81348	AI843603	TC164432	null	null
66672	138849	AI843282	TC187645	alpha 2 (IV) collagen fragment	Mm.6954

47321	64221	AI843320	TC186412	null	Mm.6586
79071	114023	AI845447	TC187949	null	Mm.21440
29995	41488	AI843682	TC157780	null	Mm.25265
17307	14362	AI843729	null	null	Mm.41250
0	0	AI843095	TC189286	null	Mm.41101
10699	9793	AI843138	TC186597	synaptotagmin 4	Mm.2446
26916	40118	AI843689	TC158398	serine/threonine kinase	Mm.8901
48171	56490	AI843739	TC201777	transducin beta like 1	Mm.26802
20961	25169	AI843110	null	null	Mm.39823
14567	11833	AI843153	TC190034	null	Mm.27599
0	0	AI845759	TC208607	null	Mm.40829
0	0	AI843424	TC201021	null	Mm.28521
9044	11313	AI843486	TC194320	null	null
91059	91690	AI842618	TC165573	zinc finger DNA-binding protei	Mm.44137
25354	18114	AI845768	TC203741	membrane-type-4 matrix metallo	Mm.42047
377449	343735	AI843446	TC200644	null	Mm.27339
168740	126135	AI842590	TC169514	null	null
122202	123737	AI842633	TC203754	alphaA-CRYBP1	Mm.4808
79825	115888	AI845479	TC186794	null	Mm.27357
63230	54679	AI845533	TC203525	null	Mm.41010
12013	14568	AI846739	TC173984	null	Mm.30969
56069	45772	AI846790	TC169511	null	Mm.40319
245090	196755	AI845493	null	null	null
22357	24331	AI845542	TC200983	null	Mm.27509
0	0	AI846749	TC189579	mammalian atonal homolog-3	Mm.10695
173392	289706	AI846797	TC159009	tropomodulin 3	Mm.38445
46206	37230	AI843182	TC189227	null	Mm.24021
22142	20402	AI843220	null	null	Mm.39365
72632	103164	AI843857	TC174351	null	Mm.33932
35280	33238	AI843891	TC173657	null	Mm.22456
80225	62839	AI843193	TC163343	null	Mm.32812
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132632	126219	AI843361	TC209983	null	null
193545	164302	AI843401	TC201348	null	Mm.27182
86021	68619	AI842530	TC164774	null	Mm.41624
101437	114311	AI842564	TC159865	X16	Mm.28732
94603	93125	AI843374	TC189449	null	Mm.41084
16194	19759	AI842500	TC175500	null	Mm.40833
174747	170797	AI842538	TC174147	PA28 alpha subunit	Mm.830
0	0	AI842581	null	null	null
220134	168120	AI843597	TC176853	null	Mm.4614
40676	30967	AI843271	TC184811	null	null
38567	28145	AI843307	null	null	Mm.40137
16415	16850	AI845438	TC160887	null	Mm.23975
39474	37973	AI843604	TC203559	null	Mm.44191
110749	106955	AI843284	TC159426	retinoid X receptor interactin	Mm.3776
16687	17011	AI843323	TC177072	latent TGF-beta binding protei	Mm.3900
1232033	993197	AI845449	TC189126	null	Mm.794
84890	97415	AI843683	TC190266	null	Mm.31890

49987	56886	AI843731	TC158834	unnamed protein product	Mm.20877
0	0	AI843096	TC161051	F3 preprotein (AA -20 to 1000)	Mm.40264
0	0	AI843139	TC177609	protein kinase C epsilon	Mm.12808
115581	114127	AI843690	null	null	null
191590	106863	AI843740	TC162466	null	Mm.31066
26975	25708	AI843112	TC188245	nervous system-specific RNA bi	Mm.46667
38213	36294	AI843154	TC181522	null	Mm.33730
85184	98778	AI845760	null	null	null
25957	19969	AI843425	null	null	Mm.39827
76886	62628	AI843490	TC182745	null	Mm.40451
104033	80975	AI842619	TC202734	null	Mm.40282
126915	142242	AI845773	TC174403	null	Mm.14569
347336	256563	AI843448	TC200542	null	Mm.29823
467161	360154	AI842591	TC182828	null	Mm.67030
65300	52989	AI842634	null	null	Mm.7277
24840	23199	AI845480	TC169459	null	null
120678	94475	AI845534	TC192525	null	null
38936	47062	AI846740	TC187721	DPM2	Mm.22001
0	0	AI846791	TC182755	null	Mm.67037
21053	33637	AI845500	TC188977	null	Mm.24592
26227	19424	AI845545	TC205222	null	Mm.41647
0	0	AI846750	null	null	null
153884	113554	AI846798	TC163208	null	Mm.28865
42026	33060	AI843187	TC174743	unnamed protein product	Mm.41198
106226	67557	AI843221	TC204562	null	Mm.41871
62908	60066	AI843858	TC204320	null	Mm.41351
47791	47289	AI843892	TC161912	null	Mm.28371
56880	49016	AI843194	TC200643	putative membrane associated p	Mm.9052
94844	90791	AI843236	TC160729	FT1 protein	Mm.28027
13235	16645	AI843866	TC190500	null	Mm.41388
0	0	AI843901	TC161842	null	Mm.227
0	0	AI846314	TC208350	ancient conserved domain prote	Mm.39388
9183	11359	AI846368	TC173503	null	Mm.15351
0	0	AI842858	TC187199	null	Mm.28327
12840	15547	AI842902	TC191073	null	Mm.33937
58456	90127	AI846329	TC176705	neurotensin receptor 3	Mm.44118
75558	116046	AI846382	TC186893	null	Mm.21707
14281	20343	AI842867	TC189985	null	Mm.28779
0	0	AI843751	TC174684	spermidine synthase	Mm.10
87953	105745	AI846707	TC173646	beta prime coatomer protein	Mm.18729
20352	6688	AI846136	null	null	Mm.40479
11226	11291	AI846150	TC201679	tumor-rejection antigen SART3	Mm.29594
15316	33649	AI846851	TC160724	null	Mm.34512
0	0	AI846719	TC192597	null	Mm.33313
7315	8681	AI842154	TC163654	null	Mm.40803
6969	14800	AI842171	TC174192	heme oxygenase (AA 1-289)	Mm.17980
142377	168179	AI846864	TC159697	MTP	Mm.30071
73178	104241	AI834956	TC157610	CCT (chaperonin containing TCP	Mm.398
7893	8798	AI834983	TC189711	null	Mm.30866
0	0	AI835017	TC167173	null	null
38016	52751	AI842447	TC196384	null	Mm.40441

8914	12702	AI834962	TC187161	null	Mm.10633
0	0	AI834995	null	null	Mm.39309
7016	9016	AI842420	TC182822	null	Mm.40804
12334	19016	AI842459	TC175472	pro-alpha2(XI) collagen	Mm.20230
33402	47552	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
0	0	AI839499	TC203275	rho7	Mm.33801
1798655	1303885	AI839535	TC181593	null	Mm.40415
192174	156950	AI839442	null	null	Mm.39788
28173	97186	AI839017	TC174365	null	Mm.30041
100712	125914	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
131553	152088	AI839548	null	null	Mm.40089
6966	8506	AI839455	null	null	null
37292	49592	AI847899	TC158267	null	Mm.27472
0	0	AI847924	TC178676	null	Mm.33501
13499	14442	AI847967	TC159653	OSF-3	Mm.412
24868	28255	AI847225	null	null	null
26383	37457	AI847906	TC189001	null	Mm.640
27958	29200	AI847939	TC159731	phosphatidylethanolamine bindi	Mm.16784
11388	19305	AI847976	TC173060	enhancer of rudimentary homolo	Mm.21952
22282	14605	AI847236	TC161406	GTPase RaIB	Mm.27832
38336	55875	AI842492	TC160536	null	Mm.28952
0	0	AI842342	TC185376	null	Mm.63866
3952	4178	AI842349	TC191308	null	null
125392	114182	AI846203	null	null	null
0	0	AI842313	TC192040	null	Mm.35088
14894	12512	AI842283	TC177252	PAR-6	Mm.41434
16392	16342	AI846155	TC162580	flt-1	Mm.3464
0	0	AI846211	TC190398	null	Mm.41644
20736	24936	AI846315	TC189533	null	Mm.29063
41804	52260	AI846370	TC200501	initiation factor 2-associated	Mm.19170
46578	59819	AI842860	null	null	null
104073	181868	AI843746	null	null	null
48906	77939	AI846333	TC158260	null	Mm.46295
526104	542087	AI846385	TC176308	Rab23 protein	Mm.40644
23102	39429	AI842868	TC174939	SETA	Mm.38525
0	0	AI843752	TC202397	neurofilament polypeptide	Mm.1956
137164	181020	AI846708	TC173347	null	Mm.22333
72428	63210	AI842147	TC159784	surfeit 4 protein	Mm.2795
21820	32836	AI846151	TC174867	phosphorylated adaptor for RNA	Mm.21244
0	0	AI846852	TC169444	null	null
8344	9665	AI846720	TC177202	null	Mm.7124
11141	12849	AI842155	null	null	Mm.39167
0	0	AI846811	TC190416	null	Mm.24485
0	0	AI846865	null	null	Mm.40846
17375	24104	AI834957	TC200835	ATP-dependent RNA helicase	Mm.3935
50483	68583	AI834984	TC158960	null	Mm.19945
73202	132936	AI835019	TC161385	null	Mm.41164
0	0	AI842451	TC202216	null	Mm.23070
21599	25603	AI834963	TC178146	null	Mm.39710
23083	26862	AI834996	TC162315	null	Mm.30799
58551	71433	AI842422	TC164190	null	Mm.63735

0	0	AI842461	TC162682	null	Mm.40754
36127	43265	AI839009	TC200046	null	Mm.29902
60225	69267	AI839501	TC169526	null	null
791025	990513	AI839536	TC161141	null	Mm.14992
123816	175317	AI839445	null	null	null
158925	174156	AI839023	null	null	null
516166	659917	AI839512	TC174366	mitochondrial inner membrane t	Mm.2368
83238	100582	AI839550	TC188066	null	Mm.40726
25582	40005	AI839461	TC165325	null	null
21460	30388	AI847900	TC186415	null	Mm.14245
142920	251473	AI847932	TC161361	ALY	Mm.1886
22415	25687	AI847969	TC158348	null	Mm.28466
9056	15012	AI847226	TC165373	null	null
91678	101683	AI847907	TC160044	null	Mm.28603
0	0	AI847940	TC186570	null	Mm.140
83293	145471	AI847977	TC162436	gankyrin	Mm.40507
15449	17452	AI847237	TC201054	dynactin subunit p25	Mm.27270
22168	41424	AI842307	TC175971	unnamed protein product	Mm.44229
18616	25276	AI842275	TC174864	null	Mm.21470
0	0	AI842351	TC188950	null	Mm.27682
21641	19929	AI846204	TC206311	null	Mm.40304
5028	9548	AI842314	TC201339	null	Mm.30083
24629	28392	AI842284	TC161314	beta-catenin-interacting prote	Mm.41537
5326	9187	AI846164	TC182781	null	Mm.68830
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17469	15211	AI846317	null	null	null
42723	40926	AI846372	TC187216	asparagine synthetase	Mm.2942
57324	72500	AI842861	TC202091	null	null
139818	161224	AI843747	TC173642	null	Mm.24397
197120	196943	AI846334	TC205802	null	null
24891	22922	AI846390	TC200172	null	Mm.7884
22791	27853	AI842871	TC192342	null	Mm.43096
45266	53265	AI843753	TC174064	null	null
4226	6897	AI846711	TC188261	null	Mm.31395
15480	17647	AI842148	null	null	null
28820	23784	AI846152	TC187605	myocyte-enriched calcineurin i	Mm.56
0	0	AI846855	null	null	Mm.41878
25890	26398	AI846721	TC187348	forkhead protein FKHR1	Mm.29891
61599	66408	AI842156	TC200768	hypothetical protein	Mm.43017
0	0	AI846812	TC174921	null	Mm.27662
87770	94112	AI846866	TC160909	SH3P2	Mm.4165
38934	47649	AI834958	TC198529	null	Mm.44509
6759	12041	AI834985	TC192445	null	Mm.40370
93740	158050	AI835020	null	null	null
98729	96226	AI842452	TC160942	Guanine Nucleotide Regulatory	Mm.20925
27184	38957	AI842134	TC205185	null	Mm.29366
0	0	AI834998	null	null	null
30022	45422	AI842423	TC161130	null	Mm.41102
22637	22190	AI842463	null	null	null
0	0	AI839010	null	null	Mm.40407
23559	34303	AI839503	TC187977	null	Mm.24575

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45521	34669	AI839447	TC158458	null	Mm.38248
15518	18965	AI839025	null	null	Mm.25311
23495	26226	AI839513	TC188453	ES2 protein	Mm.10094
56632	63281	AI839384	TC166005	null	Mm.23307
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9724	6639	AI847901	TC161590	null	Mm.27914
579305	517363	AI847934	TC188932	null	Mm.41752
53639	106563	AI847971	TC159612	plasma glutathione peroxidase	Mm.7156
0	0	AI847230	TC175300	null	Mm.18830
4321	5577	AI847908	null	null	Mm.40860
10692	5872	AI847941	TC200116	null	Mm.4533
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121817	118898	AI842308	TC175140	null	Mm.10200
11178	7822	AI842276	TC205615	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.39087
15447	19177	AI842352	TC202028	centrin	Mm.24643
13004	23095	AI846205	TC176807	null	Mm.40713
112491	135269	AI842317	TC187001	capping protein beta subunit,	Mm.2945
73190	112513	AI842286	TC186521	protein tyrosine phosphatase	Mm.27856
19115	15447	AI846165	TC188507	null	Mm.27571
32540	39504	AI846215	TC189595	null	Mm.28374
16626	22479	AI846321	TC202926	null	null
10512	8681	AI846375	TC176156	null	Mm.34598
40995	42267	AI842864	TC163064	null	Mm.41216
11684	14091	AI843748	TC175093	null	Mm.12255
264705	318847	AI846337	TC162002	null	Mm.40634
47580	75860	AI846392	TC173757	SYNCRIP	Mm.27303
30458	35516	AI842873	TC175113	null	Mm.40132
28731	45444	AI843754	null	null	Mm.39832
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0	0	AI846139	TC160438	MECA39	Mm.4606
13458	23616	AI846153	TC204385	null	Mm.41740
147676	113501	AI846856	TC187543	null	Mm.29386
3649	3390	AI846722	TC161223	nuclear body associated kinase	Mm.27601
0	0	AI846140	null	null	null
30890	35636	AI846816	TC187829	null	Mm.28577
5912	5256	AI846867	TC203726	null	Mm.33882
4070	5469	AI834959	TC174676	Kex2 homologue	Mm.1247
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60139	62878	AI835000	TC173224	basigin	Mm.726
22423	23690	AI842425	TC158948	null	Mm.8486
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45393	44437	AI839014	TC202701	null	Mm.41897
108789	134132	AI839506	TC161329	Sac1 protein	Mm.45214
14858	11547	AI839541	null	null	Mm.40088
53662	45057	AI839448	null	null	null
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158217	167763	AI839515	TC174201	null	Mm.23686
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21244	28088	AI847902	TC186787	null	Mm.46245
29516	16014	AI847936	TC175304	null	Mm.21489
51925	59328	AI847972	TC159016	null	Mm.35808
16271	14861	AI847231	TC186595	null	Mm.23675
1145989	1018725	AI847909	TC188838	null	Mm.25661
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66471	73503	AI847198	TC200445	telomerase binding protein p23	Mm.22421
78097	71581	AI847242	TC188308	unnamed protein product	Mm.28584
30661	31460	AI842309	TC175079	adaptor protein Tvl-1	Mm.20848
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14244	12222	AI842318	TC189475	null	Mm.22025
32642	36135	AI842288	TC191258	null	null
23044	31207	AI846166	TC179645	null	Mm.27013
7507	8400	AI846216	TC189651	null	Mm.41601
7919	8329	AI846322	TC166560	null	null
252046	278821	AI846379	TC165411	null	Mm.40709
40627	45532	AI842865	null	null	Mm.27113
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115988	105901	AI846338	TC174419	null	Mm.25308
105121	94927	AI846393	TC160779	null	Mm.21396
34560	40321	AI842874	TC174430	null	Mm.19281
41132	41127	AI843756	null	null	Mm.18041
27833	22514	AI846717	TC204332	null	Mm.40490
8849	12399	AI842151	null	null	null
8264	6107	AI846154	TC188245	nervous system-specific RNA bi	Mm.46667
0	0	AI846859	TC208393	null	Mm.39772
125038	97440	AI846076	TC190437	null	Mm.40710
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34496	38996	AI846822	TC180911	null	Mm.5902
9746	8732	AI846868	null	null	null
15684	30228	AI834960	TC161938	null	Mm.27851
70706	151565	AI834990	null	null	null
17197	15318	AI842417	null	null	null
52602	59770	AI842457	TC192076	null	Mm.40699
21102	19635	AI834966	TC180648	null	Mm.44620
19579	30343	AI835001	TC187923	tryptophan--tRNA ligase	Mm.38433
39801	43462	AI842428	TC174241	null	Mm.29213
0	0	AI842466	null	null	Mm.39819
1923307	1560152	AI834850	TC160394	AES-2 protein	Mm.2626
91768	118914	AI839508	TC202845	null	Mm.41269
25724	28233	AI839542	TC201546	null	Mm.34798
36738	28410	AI839452	null	null	null
342415	302267	AI834852	TC199923	ribosomal protein S19	Mm.22103
75416	67169	AI839516	null	null	null
113046	123877	AI839392	TC200405	null	Mm.24174
677291	571213	AI839689	TC161389	unnamed protein product	Mm.28911

87027	83243	AI847904	TC187519	golgi SNARE	Mm.22114
95806	114489	AI847937	TC204669	leukotriene C4 synthase	Mm.4088
17834	24158	AI847973	TC201538	null	Mm.26773
22031	25241	AI847232	TC159067	null	Mm.21906
63603	71348	AI847910	TC158329	null	Mm.35269
41671	45534	AI847944	TC159106	vesicle associated membrane pr	Mm.10699
44821	59917	AI847202	TC175698	null	Mm.34914
12729	15885	AI847243	TC201731	APOBEC-2 protein	Mm.27822
18980	10825	AI842310	null	null	null
53087	48295	AI842279	TC186998	putative	Mm.193
29088	36274	AI842356	TC173851	null	Mm.12823
25209	29987	AI846207	null	null	null
111071	94866	AI842319	TC201641	null	Mm.30869
14574	8584	AI842290	TC173999	albumin gene D-Box binding pro	Mm.3459
72736	67347	AI846167	TC179925	null	Mm.40341
25913	35109	AI846217	TC179320	null	Mm.39602
152049	149289	AI846328	TC174483	null	Mm.41919
17612	13790	AI846380	TC189501	null	null
25241	24703	AI842866	TC189252	null	Mm.46011
0	0	AI843750	TC189526	tumor protein D53	Mm.7821
320293	355401	AI846339	TC200761	profilin (AA 1-140)	Mm.2647
145540	163438	AI846395	TC188118	null	Mm.38016
43384	41813	AI842875	TC162119	null	Mm.27908
0	0	AI843757	TC186955	null	Mm.41791
38124	37446	AI846718	TC177481	PACSIN	Mm.4926
304308	206650	AI842153	TC204920	null	Mm.41323
323541	281850	AI842169	null	null	Mm.42571
26784	30075	AI846861	TC187546	SKD2	Mm.1117
14996	16532	AI846077	TC201867	cytohesin 3	Mm.19065
99422	103196	AI842158	TC202121	mCASK-A	Mm.10735
6714	16426	AI846824	TC175118	null	Mm.26632
6985	5595	AI846869	null	null	Mm.8856
17602	31024	AI834961	TC173373	null	Mm.22575
6539	8993	AI834991	TC182622	null	Mm.40043
16864	19759	AI842418	null	null	Mm.40121
1367580	1255065	AI842458	null	null	null
68508	64406	AI834967	TC188855	Sid10750p	Mm.30201
45862	50118	AI835002	TC176948	null	Mm.40472
45425	46921	AI842429	TC176022	null	Mm.41447
20068	16022	AI842467	TC201151	null	Mm.28573
119632	162036	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
236738	216626	AI839509	TC188049	Dcra	Mm.7472
39793	36616	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
1003271	936542	AI839453	TC165868	null	Mm.40314
38606	39585	AI834854	null	null	Mm.39104
55836	58010	AI839517	TC161124	null	Mm.34711
74094	89259	AI839394	TC177986	null	Mm.32422
82273	52400	AI839690	TC157760	null	Mm.25034
82240	96625	AI847905	TC200946	ISOT	Mm.3571
83954	125063	AI847938	TC179040	null	Mm.30848
249789	175769	AI847975	TC175904	null	Mm.41020

27676	22919	AI847233	TC176550	null	Mm.28698
52044	58171	AI847911	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
106492	157824	AI847945	TC189820	null	Mm.3409
28388	28846	AI847203	TC178069	null	null
208142	168683	AI847244	TC202205	null	Mm.9550
42621	55524	AI842311	TC160186	null	Mm.27198
226734	241154	AI842282	null	null	Mm.2621
38913	30808	AI842358	TC163052	K+ channel beta2 subunit	Mm.15512
0	0	AI846208	TC163909	null	Mm.40779
85048	90893	AI842320	TC157821	null	Mm.1190
17471	18352	AI842291	null	null	Mm.39356
160318	170989	AI846168	TC179974	null	Mm.67036
0	0	AI846220	TC178975	null	Mm.41645
169335	317644	AI847690	TC186429	ribosomal protein S4	Mm.66
19193	28894	AI847739	TC158292	null	Mm.7861
0	0	AI847084	TC200403	autocrine motility factor rece	Mm.34641
0	0	AI848312	TC183443	null	Mm.39998
0	0	AI847696	TC175032	null	Mm.41029
8040	10779	AI847055	TC204126	neuronal tyrosine threonine ph	Mm.39725
26241	21530	AI847095	TC189519	null	Mm.68943
0	0	AI848319	TC199445	null	null
27174	28699	AI848236	TC173960	null	Mm.28402
26377	16804	AI848263	TC191407	null	Mm.38576
4982	4455	AI848290	null	null	Mm.39868
0	0	AI848602	null	null	Mm.21906
21697	12932	AI848242	TC203725	null	Mm.40176
17398	21587	AI848270	TC202476	LR11	Mm.5396
18891	16454	AI848298	TC204211	null	Mm.11503
41675	52713	AI848609	TC200375	GTP-binding protein	Mm.6698
17367	14927	AI849320	TC173710	null	Mm.8569
8922	10940	AI849352	TC204069	null	Mm.63740
26775	27614	AI848822	TC202944	null	Mm.42972
0	0	AI848858	TC188834	null	Mm.41630
31381	33497	AI849328	TC201752	null	Mm.30137
0	0	AI849363	TC203524	voltage-gated sodium channel b	Mm.1418
44798	55051	AI848829	TC162219	null	Mm.39874
21257	24507	AI848870	TC161826	null	Mm.27167
1024279	956124	AI848342	TC158174	GABA-A receptor-associated pro	Mm.30064
14453	16392	AI848378	TC190110	null	Mm.32184
43672	51437	AI847994	TC158503	hepatoma-derived growth factor	Mm.40265
55281	53393	AI848036	TC176550	null	Mm.28698
115965	134854	AI848348	TC187563	null	Mm.33420
345135	351727	AI848389	TC200063	null	Mm.25074
117444	118783	AI848002	TC159946	null	Mm.13445
122388	104867	AI848051	TC205112	null	null
63917	63015	AI848676	TC160585	HCG-1 protein	Mm.21846
88265	110783	AI848706	TC175908	null	Mm.13758
5865	8121	AI849065	TC177242	null	Mm.45221
29304	49091	AI849104	TC160166	null	Mm.21811
17539	19721	AI848683	null	null	null
23431	28163	AI849034	TC161323	null	Mm.28777

34434	40275	AI849075	TC191154	null	Mm.34844
38403	43961	AI849116	TC188699	null	Mm.46552
46450	70531	AI849382	TC174272	125 kDa c-abl protein	Mm.1318
7734	11247	AI849434	TC202701	null	Mm.41897
8598	11690	AI848962	TC161647	null	Mm.40555
0	0	AI848994	TC191826	null	Mm.41345
13869	11460	AI849400	TC200773	FAN protein	Mm.3059
17615	25625	AI849443	TC205456	null	Mm.41744
46262	71031	AI848969	TC173399	unnamed protein product	Mm.831
10863	17742	AI849000	TC158961	membrane-type matrix metallopr	Mm.19945
26878	33768	AI847691	TC205884	null	Mm.61685
0	0	AI847049	TC191799	null	Mm.39965
118808	122028	AI847085	TC202108	null	Mm.34830
55762	96108	AI848313	TC160175	serine-threonine kinase recept	Mm.22584
44479	71820	AI847697	TC201394	null	Mm.29353
19852	20719	AI847059	TC187479	null	Mm.18539
26386	39617	AI847097	TC175762	null	Mm.23807
17186	22523	AI848323	TC186642	null	Mm.28586
5893	8129	AI848237	null	null	null
8384	11816	AI848264	TC190633	null	Mm.27120
11583	18761	AI848291	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
0	0	AI848603	TC204539	null	Mm.41402
11318	23544	AI848244	TC200027	brain expressed X-linked prote	Mm.22593
39716	28120	AI848272	TC163623	null	Mm.40359
14368	15202	AI848299	TC188208	null	Mm.29073
32781	65587	AI848610	TC189291	null	Mm.752
3226	4107	AI849321	TC174578	null	Mm.29793
41157	30656	AI849354	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.18618
3354	3306	AI848823	TC205341	null	null
9454	12059	AI848860	TC203468	null	Mm.41672
20894	23249	AI849329	TC189632	null	Mm.21914
11712	16396	AI849364	TC173766	null	Mm.30272
26052	38181	AI848830	TC186449	isocitrate dehydrogenase	Mm.2966
0	0	AI848873	null	null	null
217456	199755	AI848343	TC160608	SEC23B protein	Mm.28704
255100	264868	AI848381	TC160061	neuronal protein 15.6	Mm.30084
48373	57393	AI847996	TC188071	null	Mm.27043
227912	349483	AI848038	TC160457	null	Mm.41654
172629	149996	AI848349	TC201121	null	Mm.28679
227767	267092	AI848390	TC174933	null	Mm.41714
19249	26472	AI848003	TC188136	cell death activator CIDE-A	Mm.449
23956	34127	AI848052	TC202832	null	Mm.23711
72902	111819	AI848677	TC160388	transcription factor	Mm.925
281223	461705	AI848707	null	null	null
23386	21754	AI849067	TC200772	null	Mm.22485
0	0	AI849106	TC210671	null	null
882670	1330977	AI848684	TC186432	beta-catenin	Mm.3476
59278	34018	AI849037	TC202688	LAT2 protein	Mm.27830
13899	8756	AI849076	TC175295	null	Mm.38795
155475	156732	AI844794	TC161240	null	Mm.34456
0	0	AI849383	TC187045	null	Mm.20354

17837	15337	AI849435	TC200483	null	Mm.30113
62856	60154	AI848963	TC202190	null	Mm.34488
4147	4194	AI848995	TC160928	synaptophysin	Mm.2397
0	0	AI849401	TC188099	null	Mm.34329
38721	42047	AI849444	TC201476	null	Mm.28546
79875	126319	AI848972	TC157843	cysteine string protein	Mm.29673
13113	19680	AI849001	TC186588	growth factor-induced protein	Mm.3765
16851	25384	AI847692	null	null	Mm.39202
65285	61360	AI847050	TC203801	null	Mm.23322
34167	27000	AI847088	TC160023	null	Mm.24213
24343	26725	AI848314	TC201926	null	Mm.23964
59748	68119	AI847698	TC158419	null	Mm.2632
14200	14217	AI847060	TC202643	null	Mm.36544
30617	42586	AI847098	TC157624	null	Mm.28339
27250	29616	AI848325	TC202026	null	Mm.21759
6484	13045	AI848238	TC202321	null	Mm.40681
82617	95486	AI848265	TC186542	null	Mm.27955
25193	20246	AI848293	TC176708	null	Mm.34507
41165	31596	AI848604	TC176517	null	Mm.39209
1425421	952883	AI848245	TC200121	beta2-microglobulin precursor	Mm.163
10907	16836	AI848273	TC190863	null	Mm.30908
21610	22953	AI848300	TC213020	null	Mm.40866
24683	23000	AI848611	TC201885	Sir2alpha protein	Mm.38981
6373	9789	AI849322	TC177720	null	Mm.44059
0	0	AI849355	TC163921	null	Mm.41124
15962	19494	AI848824	TC163718	null	Mm.34263
5726	3425	AI848861	null	null	Mm.39211
31207	36242	AI849330	TC173466	null	Mm.30017
8345	8347	AI849365	TC165025	null	Mm.45697
0	0	AI848831	TC173942	null	Mm.28483
4056	7050	AI848874	TC175288	null	Mm.41804
13569	12772	AI848344	TC173520	null	Mm.29849
76966	94517	AI848382	TC200850	null	Mm.27496
58732	60025	AI847997	TC174286	null	Mm.24161
35739	43952	AI848040	TC200279	null	Mm.41699
80600	79215	AI848359	TC173641	null	Mm.30200
712197	736772	AI848391	TC157685	mouse 57-KD Calcium-binding p	Mm.1971
53441	56454	AI848006	TC188235	null	Mm.29385
33120	31313	AI848053	TC187287	null	Mm.30023
54807	95937	AI848679	TC173665	mammary transforming protein	Mm.544
23772	27938	AI848708	TC205059	null	Mm.39404
9273	5510	AI849069	TC188241	null	Mm.27917
0	0	AI849107	TC178306	null	Mm.41339
30567	33338	AI848685	TC161231	small zinc finger-like protein	Mm.21826
8743	8626	AI849040	TC187601	glycerol-3-phosphate dehydroge	Mm.41718
24964	34906	AI849078	TC159920	null	Mm.22225
55509	67859	AI844795	TC161063	thymic epithelial cell surface	Mm.29710
26522	29977	AI849387	TC157283	null	null
44352	38906	AI849437	TC201060	null	Mm.1608
14582	18331	AI848964	TC204803	null	Mm.31337
43733	43581	AI848996	TC161588	null	Mm.2830

8404	4424	AI849403	null	null	null
6871	6677	AI849445	TC190340	null	Mm.35452
6184	6040	AI848973	TC175224	null	Mm.29228
11323	13060	AI849002	TC188119	lysophospholipid receptor B1	Mm.982
238713	268656	AI847693	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
20478	24998	AI847051	TC202015	p34SEI-1	Mm.3323
4399	4599	AI847089	TC167230	null	null
9484	10464	AI848315	TC174692	null	Mm.41253
17701	14590	AI847699	TC191043	null	Mm.33785
16046	11709	AI847063	TC187575	null	Mm.34356
35487	38380	AI847099	TC203750	null	null
14213	12557	AI848326	TC188252	null	Mm.31229
28182	27974	AI848239	TC188541	WW domain binding protein 6; W	Mm.8709
11429	10465	AI848266	TC201531	neuronal protein	Mm.24183
56894	62186	AI848295	TC202043	null	Mm.39281
6769	6790	AI848606	null	null	Mm.39618
122751	134238	AI848246	TC161161	NEDD8-conjugating enzyme	Mm.12892
9314	8598	AI848274	TC160683	adrenodoxin	Mm.1061
5741	4638	AI848301	null	null	Mm.39206
0	0	AI848612	TC160642	null	Mm.17631
0	0	AI849325	TC173600	NAD(H)-specific isocitrate deh	Mm.14825
32263	67356	AI849357	TC196050	null	Mm.22785
18564	15312	AI848826	TC187561	null	Mm.28677
21482	20836	AI848864	null	null	Mm.5293
60532	113086	AI849331	TC158243	ribosomal protein	Mm.2235
5240	3307	AI849367	TC173929	null	Mm.3395
8942	8254	AI848832	null	null	Mm.35835
0	0	AI848876	TC176585	high affinity IgE receptor gam	Mm.22673
19716	21253	AI848345	TC182582	null	Mm.39616
11689	21998	AI848386	TC190867	null	Mm.20342
13943	15233	AI847999	TC165538	null	Mm.41819
7441	11039	AI848042	TC163122	null	Mm.23827
7585	8500	AI848360	TC176912	P24 protein	Mm.4766
10650	8984	AI848392	TC177538	null	Mm.38232
38461	55638	AI848008	TC173288	S-adenosylmethionine decarboxy	Mm.7880
42033	35008	AI848054	null	null	Mm.40509
66532	119561	AI848680	TC201339	null	Mm.30083
42736	41597	AI848709	TC189353	null	Mm.27844
29750	33367	AI849071	TC191013	hck tyrosine kinase (AA 1-503)	Mm.715
38794	62352	AI849108	null	null	null
40148	49571	AI848686	TC200580	damage-specific DNA binding pr	Mm.29623
2108505	1858247	AI849041	TC200571	rin	Mm.5163
33159	34294	AI849079	TC173042	null	Mm.4537
30637	28392	AI844796	TC189357	null	Mm.32183
71513	70592	AI849388	null	null	null
45867	64790	AI849438	TC203296	null	Mm.41439
15605	17302	AI848966	TC161422	null	Mm.7843
82216	74489	AI848997	TC186909	Sacm21	Mm.20926
107668	132870	AI849405	TC180621	null	Mm.41014
27392	28255	AI849446	TC187672	null	Mm.24576
80600	112116	AI848974	TC173252	translation repressor NAT1	Mm.525

46971	54781	AI849003	TC159146	null	Mm.35724
39033	37458	AI847694	TC176620	null	Mm.38483
25853	24304	AI847053	TC188576	uroporphyrinogen III synthase	Mm.3160
249759	293157	AI847090	TC160014	hepatocyte growth factor activ	Mm.26835
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72543	62290	AI847065	TC201926	null	Mm.23964
23237	23059	AI847100	TC206086	null	Mm.40707
7534	5004	AI848327	TC170187	null	null
33107	30387	AI848240	TC158285	Zic protein	Mm.2719
53469	46315	AI848268	TC162387	rab 4	Mm.9221
45810	59589	AI848296	TC174509	null	Mm.26765
73331	72150	AI848607	null	null	null
78143	103790	AI848248	TC157615	apolipoprotein E	Mm.21417
154408	119111	AI848275	TC200582	null	Mm.29455
242405	163702	AI848302	TC199956	malate dehydrogenase	Mm.21743
10333	12368	AI848613	TC175863	null	Mm.41764
123038	154888	AI849326	TC159865	X16	Mm.6787
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6636	7380	AI848827	TC160155	null	Mm.9210
21987	15285	AI848867	TC175392	glycogen synthase kinase 3 bet	Mm.34370
22568	32309	AI849332	TC175401	null	Mm.25496
56548	76240	AI849368	TC159860	p66 mot1	Mm.2849
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9104	10909	AI848879	TC202829	neuroglycan C	null
337409	363748	AI848346	TC200948	null	Mm.29769
26682	29137	AI848387	null	null	null
67145	63083	AI848000	TC204656	null	Mm.41621
18530	15557	AI848043	TC174797	null	null
94001	101407	AI848361	TC188724	null	Mm.2069
19616	25579	AI848393	TC159054	null	Mm.21118
52716	79086	AI848011	TC166962	null	Mm.46174
788168	651415	AI848056	TC160705	null	Mm.27695
149249	152779	AI848681	TC186727	null	Mm.25148
11133	20386	AI849031	TC199907	elongation factor 2	Mm.4968
124917	135735	AI849072	TC158412	Cdc25a	Mm.29800
7842	8030	AI849111	TC187056	null	Mm.30001
26582	26373	AI848687	null	null	Mm.39403
34996	46027	AI849043	TC177062	activated leukocyte cell adhes	Mm.2877
35564	29071	AI849080	TC161625	null	Mm.29599
58117	77524	AI844798	TC174080	null	Mm.27947
11718	12564	AI849390	TC170168	null	Mm.40189
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13311	8639	AI848967	TC174057	null	Mm.24091
34431	27734	AI848998	TC173830	null	Mm.29075
75932	89308	AI849408	null	null	null
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44441	100650	AI847066	TC161512	null	Mm.21972
12374	7308	AI847101	TC176655	null	Mm.24031
25230	30546	AI848328	TC160578	deoxycytidine kinase	Mm.3446
85334	65419	AI848241	TC173520	null	Mm.29849
44942	43215	AI848269	TC188991	null	Mm.42256
24363	24849	AI848297	null	null	null
35445	31283	AI848608	TC164181	null	Mm.41303
18607	20552	AI848249	TC203814	null	Mm.25700
70716	68387	AI848276	TC188226	null	Mm.28169
13999	10660	AI848304	TC176042	null	Mm.3158
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38439	47937	AI849327	TC200365	null	Mm.21094
11982	15059	AI849362	TC189973	null	Mm.41089
170855	158093	AI848828	TC201340	null	Mm.41939
74653	86885	AI848868	TC201607	null	Mm.27466
53711	102627	AI849333	TC159985	cerebellum postnatal developme	Mm.29613
155212	230033	AI849369	TC173840	null	Mm.7723
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48482	41639	AI848880	TC158326	adipose differentiation relate	Mm.381
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278437	284823	AI848050	TC200308	BTEB-1 transcription factor	Mm.19788
983145	1124845	AI848364	TC173462	ubiquitin-homology domain prot	Mm.7353
147013	165941	AI848394	TC210684	null	Mm.40952
25172	24029	AI848012	TC166050	null	Mm.40508
182935	143487	AI848057	TC189106	null	Mm.4772
72413	82941	AI848682	TC173246	GP106	Mm.2698
62781	148669	AI849033	TC190947	null	Mm.39969
160886	125119	AI849074	TC162234	null	Mm.29011
47222	43663	AI849112	TC191770	null	Mm.40621
60107	74526	AI848688	null	null	null
298424	264913	AI849044	TC200995	null	Mm.28144
597607	477619	AI849082	TC200682	null	Mm.28614
23258	23164	AI844799	TC174033	membrane-associated phosphatid	Mm.1860
32648	38836	AI849399	TC198554	null	Mm.60664
16806	15625	AI849442	TC191324	Wnt-7a	Mm.60584
83451	75916	AI848968	TC174076	null	Mm.28270
66843	62069	AI848999	TC200779	G9A	Mm.28155
55368	66147	AI849409	TC200900	MEK binding partner 1	Mm.20922
367275	301187	AI849451	TC186387	null	Mm.22699
20927	18394	AI848977	TC187481	SH3P7	Mm.27622
79998	67976	AI849005	TC175615	null	Mm.46218
0	0	AI848929	TC162804	Wnt-4	Mm.20355
20979	19099	AI844022	null	null	null
0	0	AI844060	TC189431	null	Mm.22541
10101	6693	AI844113	TC158818	null	Mm.24650
60119	39579	AI848937	TC157697	KOI-4	Mm.27775

0	0	AI844033	TC177684	oligodendrocyte-specific bHLH	Mm.45219
0	0	AI844076	TC186480	truncated hsp25	Mm.13849
0	0	AI844123	TC175120	null	Mm.33007
6803	22571	AI854325	TC187917	null	Mm.36611
0	0	AI854370	TC158384	null	Mm.29729
32536	28348	AI850128	null	null	Mm.19370
8615	10510	AI850172	TC201734	null	Mm.34105
7739	33577	AI854338	TC173485	null	Mm.29377
47480	34699	AI854380	TC162288	OCTN2	Mm.24317
0	0	AI850135	TC200262	null	Mm.29641
19873	16684	AI850186	TC160789	null	Mm.5545
45804	38891	AI850634	TC186578	EH domain-containing protein E	Mm.30169
42320	51462	AI850673	TC187633	null	Mm.27756
281316	178034	AI850717	TC159453	sterol-carrier protein X	Mm.1779
0	0	AI851742	TC190012	null	Mm.38064
24610	44577	AI850644	TC160525	null	Mm.26614
0	0	AI850680	TC157836	null	Mm.41302
0	0	AI850727	null	null	null
0	0	AI851749	TC160038	null	Mm.46230
854690	749544	AI844160	TC186387	null	Mm.22699
46086	65533	AI844215	TC175528	null	Mm.30596
0	0	AI844254	TC176183	null	Mm.29832
41388	36311	AI849670	TC174331	RNA binding protein TIAR	Mm.4363
88707	92173	AI844176	TC162143	drebrin E2	Mm.19016
77212	87954	AI844222	TC161727	null	Mm.27444
131065	191164	AI849635	TC187145	null	Mm.38292
83021	111709	AI849683	TC170171	null	Mm.39879
105907	129018	AI850215	TC174126	FXR1	Mm.4038
15934	17294	AI850255	null	null	null
0	0	AI850290	TC176382	null	Mm.829
63974	74897	AI850322	TC157755	null	Mm.22587
0	0	AI850229	null	null	null
41863	43279	AI850266	TC189364	null	Mm.41563
0	0	AI850297	TC157775	null	Mm.28770
492918	556926	AI850331	TC159803	ARF1	Mm.6836
118855	133698	AI851775	TC204712	null	Mm.903
14960	16544	AI851605	TC189857	null	null
143334	120481	AI851630	TC187533	purine nucleoside phosphorylas	Mm.17932
21652	18966	AI851660	TC164766	null	Mm.44112
114912	163105	AI851782	TC200073	null	Mm.17362
16672	15413	AI851612	TC166501	null	Mm.40635
0	0	AI851637	TC201707	null	Mm.18847
25713	27559	AI851667	TC191126	null	null
116126	143335	AI848932	TC159992	FAF1	Mm.3722
100032	102025	AI844023	null	null	null
14220	14813	AI844061	null	null	null
0	0	AI844114	null	null	Mm.40820
28392	76729	AI844617	TC162956	null	Mm.40463
65764	62360	AI844034	TC173516	null	Mm.24378
39301	60767	AI844078	TC201449	ORF	Mm.7914
0	0	AI844124	TC207032	cryptochrome 2	Mm.39085

22156	29781	AI854330	TC201571	RNaseP protein p30	Mm.12440
9942	12928	AI854371	TC202023	null	Mm.36606
0	0	AI850129	null	null	null
29668	36093	AI850175	TC159984	null	Mm.21606
0	0	AI854340	null	null	null
0	0	AI854383	null	null	Mm.40960
2377	2645	AI850136	TC205085	null	Mm.24628
182015	201875	AI850187	TC201246	retinal-specific heterotrimeri	Mm.4702
0	0	AI850635	TC190481	null	null
23378	45794	AI850675	TC160552	null	Mm.25200
16312	27065	AI850718	TC189467	null	Mm.37380
0	0	AI851743	TC204922	null	Mm.40539
6242	6359	AI850648	TC161711	null	Mm.27687
27980	32150	AI850686	TC200731	null	Mm.30263
58796	39692	AI850729	null	null	null
7576	13517	AI851751	TC188358	null	Mm.21553
632808	482908	AI844163	TC160833	null	Mm.30053
221902	267151	AI844216	TC200362	ablphilin-1	Mm.695
339907	381704	AI844255	TC194571	null	Mm.39508
22924	23033	AI849671	null	null	Mm.40521
53464	79264	AI844178	TC157203	BAT3	Mm.866
46342	43366	AI844223	null	null	Mm.39838
56923	70311	AI849636	TC160936	snRNP core Sm protein homolog	Mm.7312
46056	46576	AI849684	null	null	null
22767	20753	AI850216	TC175134	putative chloride channel prot	Mm.22727
42695	40625	AI850257	TC186401	null	null
59716	51760	AI850291	TC157592	E25B protein	Mm.4266
21847	22552	AI850323	TC174077	null	Mm.17580
12445	15085	AI850230	null	null	Mm.40199
34493	42056	AI850267	TC175514	AP-4 adaptor complex sigma4 su	Mm.23861
17053	11398	AI850298	TC181266	null	Mm.39633
45139	54403	AI850332	TC200707	null	Mm.21901
15741	31577	AI851776	TC159059	myosin I beta	Mm.25194
19420	31274	AI851606	TC200763	null	Mm.21183
0	0	AI851631	null	null	Mm.27336
6632	11352	AI851662	TC175045	leukemia/lymphoma related fact	Mm.40271
42047	61038	AI851783	TC157436	null	Mm.41021
0	0	AI851613	TC170161	null	Mm.39871
21482	28334	AI851638	TC161473	augmenter of liver regeneratio	Mm.28124
10775	6218	AI851668	TC173746	DNA-directed DNA polymerase	Mm.16549
21282	22676	AI848933	null	null	Mm.43290
11964	10588	AI844027	TC167669	null	Mm.44666
12946	12673	AI844065	TC204478	null	Mm.40817
6211	7574	AI844115	TC204746	null	Mm.39494
13947	23651	AI844619	TC162434	null	Mm.41566
246530	174775	AI844035	TC188970	cholinephosphate cytidyltran	Mm.3905
16216	17424	AI844079	TC205812	null	Mm.40818
0	0	AI844125	TC174664	null	Mm.40622
5329	6376	AI854331	null	null	Mm.27337
32024	32376	AI854373	TC161044	null	Mm.29283
21956	20757	AI850130	TC202691	null	Mm.24984

0	0	AI850176	TC163764	synaptotagmin III	Mm.4824
103334	91126	AI854341	TC191864	null	null
120810	173085	AI854384	TC160362	null	Mm.391
21479	42976	AI850137	null	null	Mm.4907
0	0	AI850188	TC204937	neuregulin-3	Mm.40198
17476	21545	AI850636	TC200732	null	Mm.28426
26508	36442	AI850676	TC202265	null	Mm.28153
0	0	AI850721	TC164806	null	Mm.24783
43610	43221	AI851745	TC159459	SC1 precursor	Mm.29027
0	0	AI850649	null	null	Mm.41073
168227	109107	AI850687	TC201596	null	Mm.42180
67561	31189	AI850731	TC188128	null	Mm.25013
0	0	AI851752	TC188259	polycystic kidney disease-like	Mm.41040
51738	63978	AI844164	TC160088	SMCD	Mm.39278
64977	56436	AI844217	TC173672	null	Mm.23877
0	0	AI844257	TC193394	null	null
0	0	AI849672	TC204595	null	Mm.23011
332245	300566	AI844180	TC187517	null	Mm.21214
9801	10721	AI844225	TC179786	null	Mm.28002
7149	10275	AI849637	TC173246	GP106	Mm.40628
88082	94198	AI849685	TC161767	null	Mm.24613
4044	6659	AI850221	TC202359	null	Mm.38907
40116	37226	AI850258	null	null	Mm.40200
13069	10537	AI850293	TC186636	aspartyl protease 2	Mm.24044
33034	40128	AI850324	TC173712	modifier 2	Mm.28148
5203	7792	AI850231	TC205343	null	Mm.33645
5809	10632	AI850268	TC173194	null	Mm.29815
21666	23019	AI850299	TC190959	null	Mm.46107
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0	0	AI851608	TC179868	null	Mm.40175
0	0	AI851632	TC193806	null	null
19148	15766	AI851663	TC174989	null	Mm.28519
45480	51026	AI851784	TC201425	ras-related protein	Mm.39557
53008	43581	AI851614	TC187595	null	Mm.27282
22619	17162	AI851639	TC174724	null	Mm.42068
8583	8379	AI851669	TC162458	null	Mm.26560
20492	34290	AI848934	TC173422	protocadherin 2C	Mm.28785
15321	24066	AI844028	TC163984	null	Mm.40026
13216	34577	AI844072	TC160994	protease-nexin 1	Mm.3093
24561	29924	AI844116	TC174556	null	Mm.41300
7031	5652	AI848940	null	null	Mm.2944
38871	42648	AI844037	TC182726	null	Mm.44988
17259	14683	AI844081	TC175138	putative membrane protein	Mm.1209
58570	49744	AI844126	TC201097	null	Mm.28399
146349	156605	AI854333	TC200108	tropomyosin isoform 2	Mm.646
13581	10696	AI854375	null	null	Mm.40581
6423	8894	AI850132	TC206216	null	Mm.40350
0	0	AI850177	null	null	null
5886	5537	AI854342	null	null	null
94679	90754	AI854387	TC174105	null	Mm.1971

24733	32658	AI850140	TC186716	3SG protein	Mm.25622
14256	10369	AI850189	TC160654	null	Mm.29987
21592	27564	AI850638	TC200870	thyrotroph embryonic factor	Mm.19258
3964	10804	AI850677	TC192890	null	null
0	0	AI850722	null	null	Mm.40891
8812	9251	AI851746	TC158284	vacuolar H(+)-ATPase	Mm.30155
9582	9549	AI850651	TC165156	null	Mm.41131
64633	40265	AI850689	TC190134	null	Mm.27062
105629	80102	AI850732	TC203501	null	Mm.25459
21088	15961	AI851755	TC205404	null	Mm.39900
25262	21482	AI844165	TC213140	null	null
92656	103032	AI844218	TC202081	null	Mm.27553
61839	54872	AI844261	TC195094	null	null
77912	69264	AI849674	TC201050	null	Mm.24300
80462	85650	AI844183	TC159207	null	Mm.22981
24090	19793	AI844229	TC209956	null	null
32078	39242	AI849642	TC172063	null	Mm.40191
327897	339627	AI849686	TC201729	null	Mm.41463
28573	38774	AI850222	TC161182	Pinin	Mm.22347
13234	9701	AI850261	TC175458	syntrophin-2	Mm.30228
82746	76297	AI850294	TC201342	null	Mm.41682
49980	48133	AI850327	TC160729	FT1 protein	Mm.28027
0	0	AI850234	TC204245	null	Mm.39416
29712	27339	AI850270	TC157756	putative phosphatase subunit	Mm.22587
0	0	AI850301	TC201756	null	Mm.31242
0	0	AI850334	TC192338	null	Mm.41706
21596	23183	AI851778	TC161320	[Mouse mRNA sequence.], gene p	Mm.1810
4628	3433	AI851609	null	null	null
16584	23821	AI851633	TC159465	beta globin	Mm.2329
0	0	AI851664	null	null	null
61133	72806	AI851785	null	null	Mm.42441
16965	16665	AI851615	TC203046	null	Mm.41686
40819	37555	AI851640	TC173753	mitochondrial transcription fa	Mm.41766
39792	44729	AI851670	TC189636	null	Mm.24809
119433	120370	AI848935	TC161381	null	Mm.22602
31364	35195	AI844029	TC157641	delta7-sterol reductase	Mm.3747
16936	13661	AI844073	TC186943	null	null
39008	41819	AI844119	TC192234	null	Mm.32162
8501	8277	AI848942	TC200089	growth hormone precursor (aa -	Mm.1240
0	0	AI844038	TC162046	Hrs	Mm.7919
8100	11159	AI844083	TC202482	null	Mm.30075
0	0	AI844127	TC158296	null	Mm.16820
10487	11960	AI854334	TC170117	null	null
34883	39834	AI854376	TC210621	null	Mm.44515
0	0	AI850133	TC174096	null	Mm.24028
12056	15288	AI850180	TC208264	null	null
25244	29264	AI854347	TC193786	null	Mm.40580
6329	5314	AI854388	null	null	null
13598	12644	AI850146	null	null	Mm.40197
114148	121289	AI850190	TC160957	null	Mm.28551
0	0	AI850640	null	null	null

1153265	1139725	AI850678	TC176727	null	Mm.23437
282030	357212	AI850723	null	null	Mm.18041
38589	36702	AI851747	null	null	null
22961	16839	AI850652	TC176564	null	Mm.27905
15320	14449	AI850690	TC181736	unknown	null
10081	10249	AI850733	TC164699	null	Mm.38180
0	0	AI851756	TC159234	null	Mm.31999
125317	117951	AI844166	TC182725	null	null
45731	66774	AI844220	TC160949	null	Mm.29873
23143	24912	AI849631	TC175880	null	Mm.33277
55828	57753	AI849675	TC161275	Fyn(T)	Mm.4848
66243	86268	AI844184	TC174747	calbindin	Mm.46714
28749	25140	AI844231	null	null	Mm.51560
28265	24362	AI849646	TC189587	null	Mm.21201
45997	46125	AI849689	TC191523	null	Mm.39724
83511	102567	AI850226	TC160086	protein kinase	Mm.1761
28022	25097	AI850262	TC174023	LAP2 binding protein 1	Mm.7508
29699	27722	AI850295	TC197063	null	Mm.40884
25968	22806	AI850328	TC210713	null	Mm.40201
32695	33485	AI850235	TC204076	null	Mm.12607
18521	24201	AI850273	TC188938	null	Mm.28913
13200	14145	AI850303	TC205791	null	Mm.39992
101155	103370	AI850335	TC160906	null	Mm.21241
14635	6098	AI851780	null	null	null
101490	88563	AI851610	TC174507	membrane interacting protein o	Mm.30126
26107	18750	AI851634	TC192132	null	Mm.17830
24577	20707	AI851665	null	null	null
76177	70119	AI851787	TC202254	DNA-binding protein	Mm.39098
81459	82784	AI851616	null	null	Mm.34775
0	0	AI851644	null	null	null
9539	6720	AI851671	TC160709	stat5b	Mm.41404
60740	67735	AI848936	TC173339	WS-3 protein	Mm.29089
89820	107454	AI844030	TC202822	null	Mm.24102
67327	92199	AI844075	TC173760	nuclear LIM-only 4 protein	Mm.35004
50137	31649	AI844122	TC161197	null	Mm.28649
215684	355917	AI844620	TC201558	formin binding protein 30	Mm.745
77945	90511	AI844040	TC193725	null	Mm.67033
40287	52572	AI844084	TC190898	null	Mm.25687
282243	223072	AI844129	TC201852	null	Mm.39988
36805	49615	AI854335	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
28255	35239	AI854379	TC175701	null	Mm.28184
66083	73009	AI850134	TC187524	null	Mm.29294
23835	28693	AI850181	TC202884	null	Mm.34540
107180	254321	AI854349	TC160410	serum and glucocorticoid-regul	Mm.28405
32189	25409	AI854390	TC191435	null	Mm.25262
0	0	AI850147	null	null	Mm.40526
44290	43219	AI850194	TC201987	UNC-51-like kinase ULK1	Mm.10750
23307	49222	AI850641	TC160530	nuclear factor i	Mm.4025
15637	12910	AI850679	TC210711	null	Mm.60661
51158	50717	AI850724	TC187034	null	Mm.27394
18760	25213	AI851748	TC206244	null	null

32069	36727	AI850653	TC201670	cupidin	Mm.228
18778	18025	AI850692	TC187514	null	Mm.29356
248930	276640	AI850736	null	null	null
71941	59406	AI851757	TC161563	null	null
48741	88546	AI844168	TC207215	null	Mm.40149
33484	27561	AI844221	TC180901	null	Mm.39371
31338	33597	AI849634	null	null	Mm.39878
55863	69093	AI849676	TC160434	null	Mm.28397
212917	276705	AI844189	TC204145	null	Mm.35141
10738	12888	AI844235	TC169409	null	Mm.40174
96369	105345	AI849649	TC159612	plasma glutathione peroxidase	Mm.7156
374122	498195	AI849691	TC186602	null	Mm.1661
14857	16827	AI850227	TC189370	null	Mm.25538
416074	772557	AI850263	TC160272	null	Mm.486
22706	19940	AI850296	TC187345	methylenetetrahydrofolate dehy	Mm.443
176648	255528	AI850329	TC186487	non-histone chromosomal high-m	Mm.16421
36526	41819	AI850236	TC186545	null	Mm.21905
173965	135940	AI850274	TC174355	glutaredoxin	Mm.29728
40624	41940	AI850304	null	null	null
217021	171001	AI850336	TC186640	null	Mm.43319
26086	27563	AI851781	TC174917	MRP5	Mm.20845
31089	38501	AI851611	TC161734	null	Mm.38921
25899	19383	AI851636	TC208721	null	Mm.41105
17707	15047	AI851666	TC175882	null	Mm.27715
97198	101294	AI851788	TC175150	tyrosine kinase	Mm.21056
137582	135683	AI851617	TC202000	null	Mm.37962
20219	11728	AI851645	TC202682	epsilon tyrosine phosphatase c	Mm.945
7109	14889	AI851672	TC173665	mammary transforming protein	Mm.544
9612	15606	AI853382	TC174911	null	Mm.45521
16261	19760	AI851804	TC186825	null	Mm.21069
4505	9538	AI851843	TC188903	mTAFII30 protein	Mm.21419
0	0	AI854416	TC175160	null	Mm.33202
0	0	AI853388	TC162296	similar to Dvl-1 product encod	Mm.5114
11831	15682	AI851817	TC202193	ELL	Mm.1552
0	0	AI851854	TC174857	formerly known as STM2; homol	Mm.4338
0	0	AI854422	TC175708	null	Mm.31557
0	0	AI852789	null	null	Mm.39434
0	0	AI852816	null	null	Mm.39240
0	0	AI852943	TC202829	neuroglycan C	Mm.38496
5614	7222	AI852978	TC188002	TR2L	Mm.5159
17290	19056	AI852796	TC168592	null	Mm.39435
43278	32869	AI852909	null	null	Mm.39666
60666	75458	AI852952	TC200350	mDj3	Mm.29186
9918	8016	AI852039	TC174613	MUEL protein	Mm.29492
25056	20342	AI853138	TC200512	null	Mm.29879
0	0	AI853739	TC161770	null	Mm.26783
0	0	AI853775	TC165573	zinc finger DNA-binding protei	Mm.40505
13896	17747	AI853807	TC161689	null	Mm.22271
30261	35846	AI853145	TC160598	bromodomain-containing FSH-lik	Mm.28721
21857	21136	AI853748	null	null	null
20391	26173	AI853786	null	null	null

0	0	AI853163	null	null	Mm.40232
40620	40972	AI854446	TC203765	null	Mm.41207
0	0	AI854476	TC164030	TWEAK	Mm.8983
25052	23517	AI852594	TC206901	null	Mm.44141
9510	9925	AI852624	null	null	Mm.30491
23713	29710	AI854452	null	null	Mm.40583
0	0	AI854486	TC159419	protein precursor (AA -43 to 5	Mm.16773
13122	14857	AI852600	TC203341	null	Mm.68839
28425	36429	AI852633	null	null	null
0	0	AI852064	TC166382	null	Mm.40297
15842	19262	AI852102	TC174807	small GTP-binding protein asso	Mm.21904
33177	35548	AI852138	TC203920	null	Mm.30463
48806	56436	AI852179	TC188129	null	Mm.27951
15918	18365	AI852072	TC176120	null	Mm.21571
31064	37183	AI852110	null	null	Mm.41845
15402	34794	AI852142	TC201207	myosin I	Mm.3390
16154	11824	AI852186	TC197061	null	Mm.48503
35110	31495	AI853192	TC186667	null	Mm.41
15131	16594	AI853231	null	null	Mm.39671
22596	25434	AI852678	TC203609	null	Mm.32494
17556	26807	AI852712	TC159957	connexin 43	Mm.4504
7380	8373	AI853203	null	null	Mm.39670
67356	97843	AI852654	TC159887	null	Mm.21848
0	0	AI852688	TC179644	null	Mm.32010
18013	18005	AI852721	null	null	null
112092	87839	AI853383	TC200477	null	Mm.29196
14445	18993	AI851805	TC174897	fallotein	Mm.40268
16388	21407	AI851844	TC202566	null	Mm.29245
0	0	AI854417	TC176489	null	Mm.33904
0	0	AI853389	TC184234	null	Mm.40947
38911	71032	AI851818	TC201222	null	Mm.46548
47223	63239	AI851856	TC191529	null	Mm.57474
14962	19979	AI854423	TC160678	null	Mm.23918
14007	17126	AI852790	TC176939	null	Mm.45183
12906	20277	AI852817	TC188914	null	Mm.39436
13245	11491	AI852946	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
0	0	AI852979	TC191057	DNA-binding protein	Mm.3179
3955	4601	AI852797	TC166766	null	Mm.41685
12622	11204	AI852911	TC200794	null	Mm.41389
0	0	AI852955	null	null	null
0	0	AI852041	null	null	null
13720	19294	AI853139	TC160822	null	Mm.34164
16251	20416	AI853742	TC191752	Six3b	Mm.15630
24120	22494	AI853776	TC187138	null	Mm.25293
6209	5535	AI853808	TC162585	null	Mm.45758
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0	0	AI853164	null	null	null
38649	45032	AI854447	TC200290	SET	Mm.36677
55219	61680	AI854477	TC200863	null	Mm.28028

37317	50906	AI852595	TC187216	asparagine synthetase	Mm.2942
74745	98173	AI852625	TC178992	null	Mm.36389
0	0	AI854453	null	null	Mm.40962
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31124	40560	AI852602	TC210694	null	Mm.39918
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0	0	AI852065	null	null	null
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8114	6806	AI852139	TC198710	null	Mm.44139
21594	36367	AI852181	TC163888	null	Mm.21117
15460	21102	AI852074	TC200055	receptor-like tyrosine kinase;	Mm.5021
0	0	AI852111	TC190226	null	Mm.30552
0	0	AI852143	TC175324	null	Mm.41245
4669	5365	AI852187	TC183510	null	Mm.63744
0	0	AI853193	TC192267	Fuc-TVII	Mm.1203
37237	35493	AI853232	TC190291	null	Mm.36757
27415	43193	AI852679	TC160541	p33ING1 protein	Mm.36840
20718	36874	AI852713	null	null	Mm.39664
6164	6533	AI853204	TC176994	p8 MTCP-1	Mm.16366
67680	99858	AI852655	TC162514	null	Mm.36705
4327	7101	AI852689	TC191951	null	Mm.27441
6819	7752	AI852724	TC189648	null	Mm.41068
0	0	AI853384	TC202491	null	Mm.495
15741	18383	AI851806	TC178121	neuronal calcium sensor-1	Mm.41189
0	0	AI851847	TC203951	G beta-like protein GBL	Mm.68241
0	0	AI854418	TC178747	null	Mm.40961
11803	10286	AI853390	TC162967	methyltransferase-like protein	Mm.41667
13655	13539	AI851819	TC163823	null	Mm.31815
3673	1586	AI851857	null	null	Mm.39227
0	0	AI854426	TC189928	null	null
16227	20589	AI852792	TC200672	Mdes protein	Mm.29648
0	0	AI852818	TC174367	prodynorphin	Mm.6239
15141	16161	AI852947	TC174761	null	Mm.29930
47735	37609	AI852981	TC164481	null	Mm.41855
20043	22046	AI852798	TC165027	null	Mm.55620
52641	70248	AI852912	TC202843	null	Mm.27614
13844	11368	AI852958	TC196434	null	Mm.44142
0	0	AI852042	TC174670	GTPase-activating protein	Mm.3072
8021	11865	AI853140	TC163663	null	Mm.11171
72439	97065	AI853743	TC189822	null	Mm.18998
36726	47227	AI853778	TC201930	null	Mm.26709
16103	25706	AI853810	TC166291	null	Mm.24528
12783	8198	AI853147	TC206155	null	Mm.44192
17532	14368	AI853751	TC163375	transcription factor TFEB	Mm.2305
9112	12943	AI853789	TC187600	null	Mm.27990
97033	121110	AI853165	TC174745	null	Mm.24655
114467	106229	AI854448	TC159055	null	null
0	0	AI854479	null	null	Mm.37462
4193	4367	AI852596	null	null	Mm.40227
51409	53722	AI852628	TC161469	hydrophilic protein	Mm.2948
15079	13714	AI854454	TC162745	null	Mm.32885

8556	10126	AI852574	TC189732	null	Mm.1960
12627	19748	AI852603	TC174716	null	Mm.29491
47803	51703	AI852636	null	null	Mm.18494
0	0	AI852066	TC197058	null	Mm.44138
16677	16202	AI852104	TC175535	null	Mm.27633
0	0	AI852140	TC174836	null	Mm.41368
24684	26180	AI852182	TC204506	null	Mm.41051
0	0	AI852075	TC193728	null	Mm.39905
0	0	AI852112	TC161753	null	Mm.39906
21893	27142	AI852144	TC187169	pre-B-cell colony-enhancing fa	Mm.28830
5715	3641	AI852188	TC177761	null	null
31955	44552	AI853194	TC159483	testicular antigen	Mm.46540
0	0	AI853233	TC188214	Rab8-interacting protein	Mm.25860
16024	22872	AI852680	TC190388	null	Mm.34463
8334	13985	AI852716	null	null	null
42913	29798	AI853207	TC157709	null	Mm.34422
56216	48163	AI852657	TC189224	null	Mm.40318
29631	42538	AI852690	null	null	Mm.39293
20227	18427	AI852725	TC187309	null	Mm.1444
5210	5128	AI853385	TC205054	null	Mm.44145
29877	29406	AI851811	TC201476	null	Mm.28546
381988	264787	AI851848	TC160287	aldehyde dehydrogenase II	Mm.4514
10062	13026	AI854419	TC173896	null	Mm.21915
8895	9983	AI853392	TC190463	null	Mm.41572
19204	19972	AI851821	TC173914	null	Mm.3600
12755	13606	AI851858	TC187897	null	Mm.32247
12749	10713	AI854427	TC204513	ion channel BCNG-2	Mm.12956
0	0	AI852793	TC187806	superoxide dismutase 2, mitoch	Mm.2597
30705	25489	AI852906	TC189898	CLOCK	Mm.3552
26771	26134	AI852949	TC174734	null	Mm.26168
34777	37856	AI852036	TC160221	NSD1 protein	Mm.12964
21161	17892	AI852799	TC202025	persyn	Mm.22231
15510	19093	AI852913	TC189755	null	Mm.40937
0	0	AI852959	TC160964	serine/threonine protein kinas	Mm.4082
0	0	AI852043	TC192423	null	Mm.25203
26359	29476	AI853141	TC201886	lysophospholipase II	Mm.34302
16470	10466	AI853744	TC201723	null	Mm.41518
15128	14561	AI853780	TC193356	testis-specific Y-encoded-like	Mm.20445
11089	18797	AI853812	TC173812	null	Mm.34772
61136	66216	AI853148	TC199902	null	Mm.37346
0	0	AI853753	TC162862	null	Mm.25816
15900	28004	AI853790	TC172472	null	null
33379	29685	AI853166	TC165363	null	null
124568	156454	AI854449	TC175185	YL-1 protein	Mm.29819
66031	60282	AI854481	null	null	Mm.40964
38497	40936	AI852597	null	null	Mm.40557
67585	59134	AI852629	TC177890	null	Mm.5337
0	0	AI854455	null	null	Mm.41710
49198	44346	AI852575	TC210857	null	Mm.40225
23311	26914	AI852605	TC159452	Dlgh1 homolog	Mm.382
181054	186637	AI852638	TC161799	null	Mm.26381

33258	27238	AI852067	TC192797	null	null
0	0	AI852107	TC177621	null	Mm.31329
24002	18813	AI852146	TC202037	null	Mm.29043
17885	26301	AI852183	null	null	Mm.51565
26171	21879	AI852078	TC157967	null	Mm.31364
0	0	AI852116	TC170710	null	Mm.44629
0	0	AI852151	TC178067	null	Mm.41587
0	0	AI852189	TC189930	unnamed protein product	Mm.31367
0	0	AI853195	null	null	null
34710	46638	AI853236	TC187087	Murine homolog of human ftp-3	Mm.22757
0	0	AI852681	TC172966	null	Mm.38830
94168	81694	AI852717	TC160256	succinyl-CoA synthetase	Mm.29845
14975	14439	AI853208	TC174496	histone deacetylase 5	Mm.22665
26235	21536	AI852659	TC201221	null	Mm.26480
15147	21680	AI852691	TC200469	microtubule-associated protein	Mm.12625
19228	15846	AI852726	TC189590	null	Mm.6926
68987	70000	AI853386	null	null	Mm.39929
28819	22865	AI851815	TC161378	null	Mm.29553
0	0	AI851852	null	null	null
9312	6429	AI854420	TC178795	null	Mm.41354
42216	32514	AI853393	TC203506	platelet glycoprotein Ib beta	Mm.20365
9361	10931	AI851823	TC159687	E2F-like transcriptional repre	Mm.29590
10068	10007	AI851859	TC188463	null	null
0	0	AI854428	TC177394	null	Mm.41618
41835	42383	AI852794	TC175873	null	Mm.44224
87640	81687	AI852907	TC188356	null	Mm.42908
34787	78502	AI852950	TC181817	null	Mm.39500
28215	46756	AI852037	TC174134	ets2 protein	Mm.22365
41477	46297	AI852801	TC182469	null	Mm.35297
26670	26221	AI852914	TC203946	null	null
12005	9886	AI852960	TC174404	null	Mm.14569
15964	15352	AI852045	TC162733	null	Mm.35655
28660	34732	AI853142	TC187172	null	Mm.21852
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35974	47257	AI853784	TC174823	null	Mm.18210
19468	16120	AI853813	TC203417	null	Mm.39940
36086	53662	AI853149	null	null	null
60747	73087	AI853755	TC163644	null	Mm.33378
68317	83397	AI853791	TC188046	null	Mm.18249
32494	42202	AI853169	null	null	Mm.22026
13825	19437	AI854450	TC160962	null	Mm.18054
77194	85972	AI854482	TC202898	jerky	Mm.20971
22853	22319	AI852598	TC165688	null	null
44547	35402	AI852630	null	null	Mm.710
0	0	AI854456	null	null	Mm.39684
208307	180090	AI852576	TC173097	null	Mm.3035
8080	11483	AI852606	null	null	null
106838	63413	AI852640	TC177659	null	Mm.37520
27256	32242	AI852068	TC183508	null	null
31705	44314	AI852108	TC176371	null	Mm.41450
22457	27744	AI852148	TC201387	null	Mm.30991

21136	18027	AI852184	TC188078	null	Mm.28690
49173	35694	AI852082	TC188637	null	Mm.28059
31059	31069	AI852118	null	null	null
15335	23001	AI852152	null	null	Mm.39425
27045	25448	AI852190	TC189322	null	Mm.40217
27496	25391	AI853201	TC204229	GABA-alpha receptor delta-subu	Mm.41296
13313	15443	AI852652	TC175032	null	Mm.41029
21742	22934	AI852682	TC174962	null	Mm.29713
21834	23008	AI852718	null	null	Mm.22691
34793	30982	AI853209	TC186868	qkl-7	Mm.2655
111839	157008	AI852660	TC201188	cAMP-regulated phosphoprotein	Mm.39975
20896	29703	AI852692	TC196963	null	Mm.67040
48597	64303	AI852729	TC159602	proteasome Z subunit precursor	Mm.2246
19300	23823	AI853387	TC176080	null	Mm.33502
13579	9206	AI851816	TC177168	null	Mm.68357
16689	16865	AI851853	TC188685	null	Mm.39903
15672	13408	AI854421	TC190189	N-copine	Mm.5249
14370	13544	AI853395	TC193063	null	Mm.40569
0	0	AI851826	TC205288	netrin-1 precursor	Mm.39095
20271	20776	AI851861	TC205204	null	Mm.40214
19322	23887	AI854429	TC189101	null	Mm.37336
20589	25772	AI852795	TC173067	null	Mm.21952
14574	11870	AI852908	null	null	Mm.39438
32144	34841	AI852951	TC176162	null	Mm.27110
350305	687240	AI852038	TC186375	PO protein	Mm.5286
18755	16691	AI852802	TC187093	E6-AP ubiquitin protein ligase	null
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11824	11777	AI852961	TC206955	SLIT1	Mm.40322
32654	30823	AI852046	TC162358	null	Mm.41648
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62410	60262	AI853150	TC201280	D-dopachrome tautomerase	Mm.5731
69743	55973	AI853758	TC202760	NSP-like 1	Mm.24142
25205	34638	AI853792	TC188005	white homolog	Mm.15691
114049	146048	AI853170	TC174643	null	Mm.613
31033	23073	AI854451	TC175238	null	null
25071	27071	AI854485	TC163563	null	Mm.41738
55284	51019	AI852599	null	null	null
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134346	165262	AI854457	TC188538	tripeptidyl-peptidase ii	Mm.28867
510713	587441	AI852577	TC159507	putative steroid dehydrogenase	Mm.22505
185850	172487	AI852607	TC157311	null	Mm.39287
465432	536159	AI852641	TC187450	p8 protein	Mm.18742
26611	27542	AI852070	TC201602	Ese1 protein	Mm.40546
12095	12220	AI852109	TC157348	null	Mm.40624
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86657	105118	AI852185	TC187325	null	Mm.29503
47476	49569	AI852085	TC160822	null	Mm.34164
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99884	97540	AI852154	TC161047	null	Mm.30160
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64708	64729	AI853202	TC195082	null	Mm.40018
66216	49723	AI852653	TC162384	null	Mm.27178
38337	38567	AI852684	TC189057	MHR23A	Mm.41064
7316	5151	AI852719	null	null	null
21040	28607	AI853210	TC200181	basement membrane collagen alp	Mm.738
118032	101000	AI852661	TC204955	null	Mm.2388
113995	114312	AI852694	TC162093	null	Mm.33285
20816	17244	AI852730	null	null	null
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30704	35920	AI854263	TC202237	Supt6h	Mm.20755
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23320	30946	AI853465	TC163020	orphan receptor	Mm.3398
23569	62513	AI854178	TC174043	null	Mm.24155
125849	107171	AI854206	TC173316	beta-hexosaminidase	Mm.27816
58016	61200	AI853062	TC174927	null	Mm.34790
13757	19968	AI852348	null	null	Mm.39428
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80734	50211	AI852357	TC200218	initiation factor 4All (AA 1 -	Mm.16323
8075	9578	AI852423	TC178813	null	Mm.69080
61068	98319	AI852450	TC203260	null	Mm.39995
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36781	51684	AI854292	TC200430	MITF-2B protein	Mm.4269
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9095	16005	AI854299	TC163544	null	Mm.37922
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24618	44324	AI853065	TC177442	null	Mm.40648
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39388	63201	AI852445	TC162758	J domain protein 1	Mm.32550
58793	59443	AI853073	TC183411	null	null
30524	44968	AI852358	TC189460	null	Mm.25695
27858	26839	AI852425	TC164345	null	Mm.32521
125049	129907	AI852451	TC173983	Crk-associated substrate	Mm.3758
24699	26304	AI851482	null	null	Mm.39897
2660	2528	AI853901	TC189326	null	Mm.39259
6835	9466	AI853919	TC164728	null	Mm.40689
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31276	39311	AI853888	TC161355	HIRA-interacting protein (HIRI	Mm.23809
32331	36892	AI853907	TC160517	chloride channel CLC-2	Mm.44682
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9132	15692	AI854227	TC201693	null	Mm.29681
26679	28809	AI854740	TC186853	unknown	Mm.692
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66277	104068	AI854803	TC206787	null	null

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18657	31635	AI854811	TC175631	null	Mm.29203
4822	3869	AI854037	TC190654	Dlgh3 protein	Mm.20449
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86113	95952	AI852996	TC161012	retinoid X receptor interactin	Mm.968
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9827	15218	AI853003	null	null	null
8630	14643	AI853041	null	null	Mm.39440
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43256	51349	AI854272	TC160229	null	Mm.35807
97168	80860	AI854300	TC160697	null	Mm.22749
20139	18029	AI850847	TC161059	null	Mm.5244
50513	67910	AI850887	TC201367	null	Mm.423
27871	34616	AI853435	TC192117	null	Mm.26053
505378	929700	AI853461	TC177956	null	Mm.39304
132549	109530	AI854174	TC200151	uroporphyrinogen decarboxylase	Mm.22494
27245	22252	AI854201	TC201056	null	Mm.41716
42132	40626	AI853442	TC190934	null	Mm.46381
39126	31512	AI853468	TC208684	null	Mm.39465
86996	74496	AI854180	TC174799	null	Mm.41933
21511	34029	AI854208	TC202317	X-linked PEST-containing trans	Mm.5045
79093	103632	AI853067	TC160074	casein kinase I-alpha	Mm.1581
44665	70374	AI852351	TC200800	null	Mm.28494
11012	10979	AI852419	TC163636	beta-B3-crystallin	Mm.40616
19787	26327	AI852446	TC164215	null	Mm.40727
60414	57002	AI852330	TC157729	unnamed protein product	Mm.26551
47126	46824	AI852360	TC204387	null	Mm.33042
486470	700183	AI852426	TC204826	null	Mm.26167
0	0	AI853565	null	null	null
4640	5307	AI853883	TC202705	SH2 domain-containing protein	Mm.20908
9983	5437	AI853902	null	null	Mm.3076
90050	70006	AI853920	TC160589	null	Mm.42805
7951	5485	AI850992	TC158541	null	Mm.21906
8860	12694	AI851483	TC191071	null	Mm.31590
51448	74256	AI853908	TC186538	null	Mm.68370
12001	6370	AI853929	TC208073	null	Mm.40859
15413	44856	AI851001	TC159688	insulin-like growth factor bin	Mm.578
14088	13660	AI854229	TC177381	receptor protein tyrosine phos	Mm.29220
130629	223773	AI854741	TC196943	null	Mm.39269
20106	23415	AI854771	TC175535	null	Mm.27633
66898	73863	AI854804	TC188443	Frg1	Mm.67
121837	125455	AI854235	TC200828	RS21-C6	Mm.29898
63223	57434	AI854751	TC157644	coproporphyrinogen oxidase	Mm.35820
328162	257369	AI854779	TC157699	null	Mm.35849

15035	18801	AI854813	null	null	Mm.26486
27449	26577	AI854038	TC160917	ponsin-1	Mm.29030
35781	43457	AI854066	TC168030	beta-1,6-N-acetylglucosaminylt	Mm.23803
0	0	AI852998	TC177927	null	Mm.45122
10634	10291	AI853035	TC188308	unnamed protein product	Mm.28584
8019	9430	AI854044	TC189181	putative	Mm.7405
34799	37549	AI854072	TC188924	nuclear pore membrane glycopro	Mm.41373
36119	47349	AI853005	TC167307	null	Mm.39742
0	0	AI853042	TC167126	null	null
0	0	AI854266	TC187218	null	Mm.1008
19665	22136	AI854294	TC202716	null	Mm.28283
74406	115231	AI850838	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
12818	8207	AI850878	TC165552	null	Mm.32754
13877	13927	AI854273	TC187558	multiple exostosis protein	Mm.4336
25111	46780	AI854301	TC158598	Mus musculus 60kDa SS-A/Ro	Mm.35793
7440	13325	AI850849	TC177089	null	Mm.1725
6843	5162	AI850888	TC199966	null	Mm.37810
6457	4169	AI853436	TC203798	null	Mm.38154
35004	36065	AI853462	TC161314	beta-catenin-interacting prote	Mm.41550
24318	33510	AI854175	TC200743	MUSPUR	Mm.29759
144564	219259	AI854202	TC174391	null	Mm.28786
30277	62760	AI853443	TC177857	null	Mm.40234
56412	74931	AI853469	TC186580	null	Mm.5612
23208	20068	AI854181	TC162198	null	null
21310	22555	AI854209	TC176613	null	Mm.41492
87231	83704	AI853068	TC176639	null	Mm.41735
40992	54472	AI852352	TC188730	null	Mm.45561
40803	43989	AI852420	TC201077	leucine-rich repeat protein	Mm.39913
19678	17142	AI852447	TC178319	null	Mm.4692
182983	165341	AI852332	TC175065	null	Mm.41637
113600	78233	AI852361	TC191255	null	Mm.37898
137239	159974	AI852427	TC176716	null	Mm.36822
234820	293670	AI853566	TC201145	null	Mm.30965
16407	12410	AI853884	TC194714	null	Mm.32743
32870	32553	AI853903	TC186726	IER5	Mm.12246
29649	39564	AI853921	TC167534	null	null
8618	5582	AI850994	TC175336	null	Mm.28506
42535	32628	AI851484	TC168524	null	null
104565	206256	AI851493	TC173131	null	Mm.29859
62967	61954	AI853930	TC174312	null	Mm.3886
9485	8202	AI851002	null	null	null
16319	15562	AI854230	TC189585	null	Mm.38228
55563	49360	AI854742	null	null	null
5619	4335	AI854772	null	null	null
95994	110909	AI854805	TC173524	null	Mm.21868
111060	111922	AI854236	null	null	Mm.2944
15831	19990	AI854752	TC160327	radixin	Mm.7051
12587	15334	AI854780	TC169720	null	Mm.21390
15310	9218	AI854814	TC205739	null	Mm.17341
93196	53611	AI854039	TC203214	fatty acid transport protein 4	Mm.30487
0	0	AI854067	TC183421	null	null

0	0	AI852999	TC160295	null	Mm.34832
70652	81822	AI853036	TC200330	null	Mm.23929
36631	42442	AI854045	TC202888	null	Mm.34977
45825	49706	AI854074	TC182905	null	Mm.40579
10788	7038	AI853007	null	null	Mm.39669
38410	37985	AI853043	TC161660	null	Mm.35926
0	0	AI854267	TC204186	null	Mm.41143
34277	42097	AI854295	TC189969	rasGAP-activating-like protein	Mm.41209
0	0	AI850840	null	null	null
35040	40214	AI850881	TC160713	TFIIH transcription/DNA repair	Mm.10182
18156	22335	AI854274	TC159887	null	Mm.21848
23792	25676	AI854302	TC200673	null	Mm.30165
35293	53561	AI850850	TC157777	null	Mm.30240
33403	25946	AI850889	TC160871	claudin-11	Mm.4425
24189	20341	AI853437	TC161321	null	Mm.41421
47327	44283	AI853463	TC201337	null	Mm.24848
161366	135134	AI854176	TC187502	null	Mm.30007
69445	62816	AI854204	TC188663	null	Mm.11473
52595	47538	AI853444	TC160773	null	Mm.204
27497	32624	AI853470	TC184486	null	null
6853	15815	AI854182	TC173489	ORF	Mm.3940
15317	14153	AI854210	TC162537	null	Mm.24342
19425	15339	AI853069	TC161644	null	Mm.27445
114765	94805	AI852354	TC189706	orf5 protein	Mm.34273
15572	13081	AI852421	null	null	null
528685	500632	AI852448	TC175598	null	Mm.7775
44519	40066	AI852334	null	null	null
214327	168579	AI852363	TC187745	null	Mm.27396
127052	115526	AI852429	null	null	Mm.40551
238520	290468	AI853569	TC157590	null	Mm.4071
40696	29110	AI853885	TC200361	glutathione-S-transferase homo	Mm.282
57260	52268	AI853904	TC203134	null	Mm.29511
62308	54961	AI853922	TC175173	null	Mm.30822
22327	16265	AI850995	TC178101	null	Mm.37795
16780	20938	AI851485	TC158925	E46 protein	Mm.4098
103974	112725	AI851494	TC158468	KIF2 protein	Mm.4415
0	0	AI853931	TC191565	null	Mm.10255
26637	30755	AI851005	TC206494	null	Mm.41570
307665	386475	AI854231	TC161484	ARF6	Mm.4898
232224	199092	AI854743	TC187053	adenylate kinase isozyme 3	Mm.27450
33935	36641	AI854773	TC162909	null	Mm.28923
81191	98846	AI854807	null	null	Mm.39950
131922	134513	AI854237	TC161496	null	Mm.41668
38996	50792	AI854753	TC161448	null	Mm.28109
39786	48745	AI854781	TC170091	null	Mm.40589
113727	152241	AI854815	TC161310	null	Mm.18875
39757	52869	AI854040	TC190029	null	Mm.40983
21550	19630	AI854068	TC175607	null	Mm.23947
165714	78759	AI853000	TC161886	glutathione S-transferase thet	Mm.2746
140311	113639	AI853038	TC186708	iron response element binding	Mm.4927
17383	15556	AI854046	TC180294	null	Mm.40578

161141	191011	AI854075	TC173648	complement receptor	Mm.3250
66843	76076	AI853011	TC175809	null	null
12097	12568	AI853045	TC175427	cathepsin F	Mm.29561
20852	21189	AI854268	TC193215	null	null
23974	22673	AI854296	TC162342	null	Mm.34212
17457	19848	AI850841	TC183530	null	Mm.40893
9164	8321	AI850882	TC175764	double-stranded RNA-binding zi	Mm.22795
125742	143703	AI854277	TC190102	muscle-specific serine kinase	Mm.41679
28720	35459	AI854303	TC192693	null	Mm.35242
42353	40171	AI850851	TC176115	YSK2	Mm.42967
210894	194268	AI850890	TC188496	null	Mm.24457
45692	47828	AI853438	TC170157	null	Mm.44125
96196	135646	AI853464	TC202056	null	Mm.45146
171205	137758	AI854177	TC162024	nudix hydrolase	Mm.28705
9501	7613	AI854205	null	null	null
27764	35608	AI853445	TC207432	null	null
50211	46728	AI853472	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
32195	34296	AI854183	TC163400	null	Mm.46699
264497	222641	AI854211	TC159812	cytochrome c oxidase subunit V	Mm.14022
655021	613621	AI853070	TC159840	death effector domain-containi	Mm.22585
21151	25247	AI852356	TC186724	neuropilin	Mm.27448
33219	25330	AI852422	TC161847	null	Mm.34035
114405	185267	AI852449	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
0	0	AI852335	null	null	null
60389	62248	AI852368	TC162517	null	Mm.40686
1188131	759640	AI852430	TC202065	peripheral myelin protein	Mm.1237
170221	224206	AI853570	TC201483	null	Mm.29601
88926	85342	AI853886	TC173885	null	Mm.33832
30469	40071	AI853905	null	null	null
21542	20417	AI853924	TC189042	null	Mm.27153
101798	98603	AI850997	TC189425	DNA-binding protein	Mm.37216
114435	101369	AI853889	TC189294	null	Mm.27562
33958	34724	AI851495	TC201235	developmental arteries and neu	Mm.25347
438512	448005	AI851503	TC157635	overexpressed in testicular tu	Mm.4962
10221	9179	AI851006	TC201097	null	Mm.28399
50202	43891	AI854232	TC173584	Impact	Mm.8154
77859	95483	AI854744	null	null	Mm.41368
11437	12256	AI854775	null	null	null
10829	10945	AI854808	TC175058	null	Mm.5259
330446	461031	AI854238	null	null	Mm.29911
52768	56571	AI854755	TC176804	null	Mm.31646
83412	126709	AI854782	TC187673	null	Mm.23445
215363	221550	AI854816	TC177517	ALK-6	Mm.39089
15026	13362	AI854587	TC162503	proline dehydrogenase; PRODH	Mm.28456
14080	13871	AI854612	null	null	Mm.40246
27649	34490	AI854637	TC205758	null	Mm.23157
42400	32376	AI851245	TC159993	succinate dehydrogenase Fp sub	Mm.22149
11045	15076	AI854593	TC175607	null	Mm.23947
15223	14661	AI854619	TC200678	vacuolar sorting protein VPS29	Mm.28356
0	0	AI854646	TC176663	invasion inducing protein	Mm.1211
9653	13308	AI851253	TC170197	null	Mm.40534

0	0	AA410118	TC200398	UBE-1c2	Mm.42795
0	0	AA407096	null	null	null
0	0	AA407298	TC160678	null	null
0	0	AA407758	TC188964	null	Mm.18658
0	0	AA407044	TC203570	null	Mm.27443
333478	420632	AA407187	TC157214	ubiquitin	Mm.235
1366059	1669280	AA407733	TC159796	calmodulin	Mm.2648
0	0	AA407855	null	null	null
289710	324426	AI851275	TC176815	arsenite-translocating ATPase	Mm.41475
163040	282644	AI851307	TC175245	null	Mm.37541
10942	16880	AI851098	TC162359	APEG-1 protein	Mm.2104
212241	236587	AI851160	TC159157	transmembrane protein TM9SF1	Mm.29649
36465	46879	AI851283	TC163726	null	Mm.40719
55466	85941	AI851074	TC162974	novel stromal cell protein	Mm.17958
63470	69796	AI851105	TC175802	null	Mm.28354
227553	201454	AI851168	TC159753	cytochrome c oxidase subunit V	Mm.16769
0	0	AA408160	TC164545	null	null
0	0	AA408278	TC158443	null	Mm.29927
0	0	AA408420	TC177315	null	Mm.27795
0	0	AA408513	TC187878	TF-1 apoptosis related protein	Mm.21650
61739	69942	AA408182	null	null	Mm.37214
22747	39725	AA408304	null	null	Mm.24486
13816	21195	AA408446	TC159890	mPRL-2	Mm.6355
7483	11997	AA408518	TC193566	null	Mm.23210
13988	13288	AI854588	TC165299	null	null
17552	20016	AI854613	null	null	null
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165047	184470	AI851246	TC160396	D52	Mm.2777
92052	126429	AI854594	TC205923	null	null
42909	38446	AI854620	TC187594	null	Mm.31586
35463	23963	AI854647	TC188909	cationic amino acid transporte	Mm.5140
20782	15744	AI851254	TC183498	null	Mm.40902
0	0	AA406997	TC201207	myosin I	Mm.3390
40115	44923	AA407162	null	null	null
18127	33224	AA407299	TC160164	ribonucleotide reductase subun	Mm.99
8054	13949	AA407843	TC161532	null	Mm.198
9264	13498	AA407046	TC163888	null	Mm.21117
0	0	AA407204	TC202076	null	Mm.22449
126246	158384	AA407734	TC200267	V-1 protein	Mm.4143
7094	5623	AA407858	TC158381	null	Mm.3344
1481109	1683988	AI851276	TC174631	null	Mm.22374
48518	70255	AI851309	TC162381	null	Mm.28819
41763	67701	AI851099	TC194837	null	null
20370	21606	AI851161	TC180439	null	Mm.40023
195796	184536	AI851284	TC187166	reading frame interferon beta-	Mm.168
124738	102572	AI851075	TC198924	null	Mm.39641
22057	24533	AI851141	TC197066	null	Mm.40532
13990	16572	AI851169	TC174553	null	Mm.37744
38802	32384	AA408162	TC201385	null	Mm.29036
0	0	AA408178	TC160419	phospholipase A-2-activating p	Mm.22724
0	0	AA408424	TC161464	null	Mm.821

0	0	AA408515	TC202505	null	Mm.24277
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35318	42707	AI854595	TC164187	null	Mm.19957
0	0	AI854621	TC161548	null	Mm.28040
14155	16266	AI854648	TC200167	fibromodulin	Mm.41573
19284	25556	AI851255	TC157638	cathepsin B	Mm.27986
6729	7272	AA407023	TC200669	null	Mm.30242
26636	25325	AA407180	null	null	null
0	0	AA407300	TC164003	null	Mm.22881
41329	48363	AA407832	null	null	Mm.20938
52147	45046	AA407010	TC176560	null	Mm.28928
81231	93806	AA407206	TC160165	null	Mm.21811
0	0	AA407765	null	null	Mm.100529
170123	250124	AA407887	TC174133	null	Mm.22365
199986	217297	AI851277	TC209862	null	Mm.39735
192428	378590	AI851312	TC188197	MSSP	Mm.27230
76543	73137	AI851100	null	null	Mm.40900
29020	35892	AI851162	TC202040	null	Mm.36697
36672	38192	AI851285	TC177380	unknown	Mm.44161
19571	21327	AI851076	TC191289	null	Mm.32333
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12798	14594	AI851170	TC165996	null	Mm.41151
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0	0	AA408488	TC188831	null	Mm.34095
15314	18217	AA407993	TC200979	null	Mm.29902
6929	10290	AA408308	TC159749	null	Mm.27157
10256	16272	AA408450	TC160441	null	Mm.29187
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39738	50539	AI854590	TC202332	null	Mm.28412
0	0	AI854615	null	null	Mm.21671
15219	18924	AI854640	TC206395	null	Mm.28984
0	0	AI851249	TC162003	null	Mm.27787
51850	69377	AI854596	TC187225	integrin binding protein kinas	Mm.8131
57416	81456	AI854622	TC201354	11-zinc-finger transcription f	Mm.493
10259	6881	AI854649	TC165994	null	null
98587	95735	AI851257	TC159949	syntenin	Mm.14744
18565	16110	AA407026	TC158337	tapasin	Mm.4975
3840	5094	AA407182	TC166012	null	Mm.37989
30357	30695	AA407270	TC163882	null	Mm.27585
0	0	AA407879	TC187703	DXImx46e protein	Mm.29297
0	0	AA407019	null	null	Mm.100527
63639	58532	AA407215	TC174439	null	Mm.34028

108739	180731	AA407767	TC174160	helix-loop-helix protein (ld)	Mm.90549
6979	12751	AA407974	null	null	Mm.3678
34437	37087	AI851278	null	null	null
234198	212097	AI851313	TC176411	null	Mm.28825
135821	110721	AI851102	TC202380	myosin binding protein-C	Mm.10728
26307	25548	AI851164	null	null	Mm.39223
34711	35933	AI851286	null	null	Mm.39895
69898	62276	AI851078	TC189573	null	Mm.21200
75648	55095	AI851143	TC204785	null	Mm.23131
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15834	13561	AA408426	TC158841	null	Mm.13052
0	0	AA408489	TC161939	null	Mm.18588
0	0	AA408112	TC161398	null	Mm.87585
15036	26644	AA408310	TC186862	centrosomin B	Mm.2238
0	0	AA408456	null	null	null
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8705	9844	AI854616	TC175322	null	Mm.41245
12011	15381	AI854643	TC203051	null	Mm.46766
12230	17040	AI851250	TC163622	null	Mm.5794
40997	28234	AI854597	TC202660	null	Mm.38108
72863	61267	AI854623	TC188067	null	Mm.29181
46838	39547	AI854652	TC160083	null	Mm.22559
60357	55727	AI851258	TC189941	null	Mm.1560
9472	7390	AA407033	TC174927	null	Mm.34790
30003	37966	AA407183	TC174259	null	Mm.28091
56083	141790	AA407316	null	null	Mm.8856
29458	27547	AA407881	null	null	null
7436	4554	AA407066	TC176643	null	Mm.33192
32888	33646	AA407218	TC203573	NFATx	Mm.3107
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20631	19681	AA407978	null	null	Mm.4550
42418	41386	AI851279	null	null	Mm.39894
53602	51390	AI851314	null	null	null
188861	158720	AI851103	TC200313	null	Mm.29065
71396	59310	AI851165	TC179302	null	Mm.34070
70615	71905	AI851288	TC178130	null	Mm.27463
12392	16291	AI851079	TC183525	null	null
191058	183722	AI851144	TC170208	null	Mm.39421
354711	356623	AI851173	TC164724	null	Mm.68837
8679	8984	AA408156	null	null	Mm.3682
9744	8093	AA408298	TC190416	null	Mm.24485
0	0	AA408436	TC177644	null	Mm.38169
0	0	AA408490	TC173156	DBY protein	Mm.20950
36484	44945	AA408038	TC174901	null	Mm.24472
42743	32017	AA408311	TC176341	hypermethylated in cancer 1	Mm.57250
113564	129847	AA408396	null	null	Mm.24489
121789	111247	AA408545	TC174854	null	Mm.4467
313174	252524	AI854592	TC205252	null	Mm.23483

44992	50599	AI854618	null	null	null
80632	77467	AI854645	TC175880	null	Mm.33277
31758	36302	AI851251	TC162795	null	Mm.38442
130284	156648	AI854598	TC164832	null	Mm.40339
125729	219808	AI854624	null	null	Mm.21671
9098	8403	AI854653	TC162094	null	null
369992	348357	AI851259	TC173415	null	Mm.29719
18197	17988	AA407035	TC201923	mBLVR	Mm.28463
41441	56617	AA407184	TC160541	p33ING1 protein	Mm.25709
430757	349415	AA407320	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
55780	46526	AA407849	TC162892	null	Mm.22525
16171	10646	AA407055	TC176879	null	Mm.249
32280	36432	AA407196	TC201211	prolyl 4-hydroxylase alpha(II)	Mm.3705
1149938	916630	AA407780	TC158844	immunoglobulin heavy chain-bin	Mm.103647
39184	41633	AA407980	TC164546	null	Mm.23987
44713	36422	AI851280	TC186798	the third largest RNA polymera	Mm.2186
49430	47609	AI851315	TC158381	null	Mm.21435
131496	109313	AI851104	TC160900	null	Mm.26697
254056	236068	AI851166	TC203033	FL10	null
310600	271755	AI851289	TC173427	null	Mm.5885
24685	21464	AI851080	TC177915	null	Mm.39702
276626	216237	AI851145	TC170211	null	Mm.39642
35600	37715	AI851174	null	null	Mm.39893
21538	29006	AA408181	TC160799	peripheral-type benzodiazepine	Mm.1508
0	0	AA408302	TC173156	DBY protein	Mm.20950
0	0	AA408441	TC201304	null	Mm.22087
0	0	AA408528	TC173786	null	Mm.27545
24289	27311	AA408042	TC175195	hepsin	Mm.19182
271802	417651	AA408313	null	null	Mm.1129
26097	25151	AA408288	TC161711	null	Mm.27687
80872	128659	AA408548	null	null	null
0	0	AW537980	null	null	Mm.102539
74785	85214	AW538033	null	null	null
17917	35136	AW538070	TC200390	APEX nuclease precursor	Mm.203
31100	35339	AW538125	TC188049	Dcra	Mm.7472
22625	14445	null	null	null	null
10050	13689	AW538041	TC163766	null	Mm.103522
23804	28840	AW538080	TC162898	null	Mm.23880
0	0	null	null	null	null
0	0	AW538976	TC173105	null	Mm.63
24003	45405	AW539204	TC201102	null	Mm.30036
0	0	AW539252	null	null	Mm.18494
0	0	AW539319	null	null	null
0	0	AW539091	TC213521	null	Mm.102573
25039	37597	AW539217	null	null	null
70627	103430	AW539262	TC203596	null	Mm.3764
279190	275230	AW539333	TC176480	2-5A synthetase (AA 1-367)	Mm.14301
31701	29962	AW542895	TC187768	epithelial zinc-finger EZF	Mm.4325
49576	112190	AW542954	TC202543	null	Mm.38736
53600	36396	AW543376	TC160894	unnamed protein product	Mm.27764
0	0	null	null	null	null

0	0	AW542912	TC176719	null	Mm.46029
0	0	AW543060	TC204478	null	Mm.40817
24434	26966	AW543393	TC184096	null	Mm.102716
0	0	AW543461	null	null	null
30134	22951	AW538183	TC160102	null	Mm.30019
15127	26575	AW538222	TC160625	null	Mm.29390
0	0	AW538298	null	null	Mm.28508
78275	304030	AW538349	TC173505	lipocortin I (AA 1-346)	Mm.14860
628426	527593	AW538191	null	null	null
58093	53444	null	null	null	null
249551	212539	AW538312	TC200316	H2-IE-beta precursor	Mm.22564
148168	127188	AW538366	TC160612	null	Mm.29034
22845	26545	AW539366	TC205889	null	Mm.29850
18276	18801	AW539431	TC162135	null	Mm.38503
51911	47552	AW539491	null	null	Mm.102596
64731	76919	AW539545	TC201262	null	Mm.21500
109566	132362	AW539380	null	null	null
29382	32858	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
41045	32518	AW539505	TC187898	null	Mm.5202
14028	43758	AW539558	TC202404	null	Mm.15643
187921	283036	AW543515	TC160376	null	Mm.24874
0	0	AW543664	TC191228	null	Mm.20201
51576	59499	AW543727	TC201506	mitogen-activated protein kina	Mm.22612
98364	152578	AW543791	TC160023	null	Mm.80562
28486	29766	AW543529	TC201065	secretory carrier membrane pro	Mm.3230
38754	46112	AW543677	TC176821	null	Mm.34461
249384	420590	AW543750	TC160186	null	Mm.27190
17193	14846	AW543817	TC203572	BLM protein	Mm.12932
43292	41949	AW537981	TC189655	G gamma protein	Mm.102540
387588	399595	AW538035	TC160236	G protein beta 36 subunit	Mm.2344
42462	47603	AW538072	TC158344	null	Mm.86915
51992	90934	AW538128	TC161738	connexin 31	Mm.28078
64253	53328	AW537996	TC175227	neutral Sphingomyelinase	Mm.953
156477	197260	AW538044	null	null	Mm.102542
431895	405859	AW538082	TC187411	null	Mm.39726
0	0	AW538140	null	null	Mm.102545
44516	62321	AW538981	null	null	null
77109	77663	AW539206	TC174608	null	Mm.17231
486635	491510	AW539253	null	null	null
1857443	1878083	AW539320	null	null	Mm.30271
46233	42937	AW539092	TC174273	null	Mm.25320
39272	70031	AW539270	TC161559	null	Mm.43167
16926	36940	AW539335	TC162843	null	Mm.28795
16587	13178	AW542898	TC162317	null	Mm.17166
19514	18274	AW543044	null	null	Mm.25161
17518	22686	AW543380	TC174234	null	Mm.28876
27523	29717	AW543445	TC175970	serine proteinase inhibitor 6	Mm.3368
3916	5367	null	null	null	null
30025	43435	AW543063	TC160231	null	Mm.34315
42387	63371	AW543394	TC173625	axotrophin	Mm.18157
17360	27426	AW543465	null	null	Mm.102718

0	0	AW538185	TC157364	null	Mm.22367
3519	8931	AW538227	TC157845	null	Mm.41801
3569	7546	AW538299	TC201240	CDC6 protein	Mm.20912
0	0	AW538350	null	null	null
598359	585302	AW538193	TC162710	null	Mm.86786
42085	90096	AW538249	TC188075	null	Mm.28645
45960	79673	AW538315	TC174250	eIF-1A	Mm.1540
66265	87039	AW538368	TC158650	null	Mm.5274
140157	278849	AW539367	TC159689	ribosomal protein L23	Mm.16820
0	0	AW539434	TC162701	null	Mm.21884
5589	10852	null	null	null	null
17445	22189	AW539546	TC189832	null	Mm.24886
3183	4248	AW539381	null	null	Mm.102591
4872	4781	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
0	0	AW539506	TC175366	null	Mm.29734
225250	218686	AW539563	TC200173	null	Mm.29702
6250	1601	AW543518	TC157274	null	Mm.24140
81090	94478	AW543668	TC200372	integral membrane protein 1	Mm.2863
12753	18797	AW543738	TC188639	null	Mm.27952
27367	28197	AW543798	TC201879	null	Mm.37562
172663	172070	AW543608	TC173413	sid478p	Mm.1017
23351	47315	AW543678	TC200412	NIX	Mm.29820
15081	19316	AW543751	TC162361	null	Mm.41751
49677	57775	AW543818	TC175475	null	Mm.24159
49736	54494	AW537989	TC178069	null	Mm.102541
20424	28696	AW538036	TC174801	Efs	Mm.28543
70641	111641	AW538073	null	null	null
30004	44570	AW538132	TC188623	null	Mm.21824
329164	597831	AW538002	TC173071	unidentified reading frame	Mm.12858
198701	202355	AW538046	TC160465	P100 polymyositis-scleroderma	Mm.28159
283591	311372	AW538084	TC160291	null	Mm.25018
30301	62747	AW538141	TC162776	null	Mm.9916
161877	144793	AW538984	null	null	null
40208	65825	AW539211	TC187885	null	Mm.34818
890300	1696494	AW539255	TC159992	FAF1	Mm.3722
79347	86957	AW539323	TC161149	null	Mm.22109
0	0	AW539093	TC158924	null	Mm.26217
126894	145199	AW539220	TC199900	null	Mm.45118
155202	195451	AW539271	TC175899	null	Mm.26690
23310	26491	AW539338	TC201380	C1 transcription factor	Mm.29375
180410	164612	AW542901	TC160010	null	Mm.24187
22825	22378	null	null	null	null
42108	40591	AW543386	TC162794	null	Mm.31267
0	0	AW543447	null	null	null
227480	240152	AW542916	TC160149	null	Mm.28464
105277	113983	AW543080	TC162332	null	Mm.30116
423678	544292	AW543395	TC159412	heterogenous nuclear ribonucle	Mm.16767
37581	48117	AW543466	TC173618	null	Mm.19015
22151	26531	AW538187	TC173766	null	Mm.30272
146656	183876	AW538230	null	null	null
122532	194888	AW538303	null	null	null

46614	53667	AW538352	TC173727	null	Mm.41374
80182	108559	AW538196	TC200882	null	Mm.21287
99624	87451	AW538251	TC200772	null	Mm.22485
183391	167909	AW538316	TC161367	mitochondrial dicarboxylate ca	Mm.3991
86808	120258	AW538369	TC174575	lamin B	Mm.4846
25231	24840	AW539369	null	null	null
0	0	AW539436	TC160971	null	Mm.36715
26123	33440	AW539494	TC200070	null	Mm.17362
23143	37737	AW539549	TC187569	null	Mm.36725
7232	8668	AW539385	TC203166	nemo-like kinase	Mm.9001
0	0	AW539449	TC200828	RS21-C6	Mm.29898
5496	6094	AW539510	TC200280	dystroglycan	Mm.7524
5104	6522	AW539567	TC187263	null	Mm.12831
58578	66915	AW543519	null	null	null
38834	34195	AW543669	null	null	null
98589	108205	AW543740	TC187693	translocase of inner mitochond	Mm.34791
36735	23251	AW543802	TC204790	DNase gamma	Mm.10287
35811	39672	AW543613	null	null	null
246364	366421	AW543679	null	null	null
30875	30168	AW543752	TC188096	null	Mm.22281
37640	68792	AW543820	TC199983	null	Mm.43452
28617	25218	AW537991	TC175446	null	Mm.25621
434954	523804	AW538038	TC200580	damage-specific DNA binding pr	Mm.29623
121783	196913	AW538074	TC186973	null	Mm.76081
185545	165473	AW538133	TC160975	null	Mm.29118
251673	439219	AW538002	TC173071	unidentified reading frame	Mm.12858
155793	143482	AW538048	TC187010	RING zinc finger protein	Mm.9326
15181	12177	null	null	null	null
58469	68371	AW538144	TC200443	Hrs binding Protein	Mm.32614
170032	193687	AW538990	null	null	Mm.102572
12891	21746	AW539212	TC203749	null	Mm.86820
107135	210159	AW539326	null	null	Mm.102588
21766	28329	AW539099	TC202503	null	Mm.28816
25274	30067	null	null	null	null
84475	112371	AW539272	TC162119	null	Mm.27908
289564	582250	AW539342	TC200834	hepatoma transmembrane kinase	Mm.4005
129082	179874	AW542903	TC186903	inositol polyphosphate 5-phosp	Mm.30030
33820	27763	AW543050	TC175339	null	Mm.20697
55226	64930	AW543387	TC189722	AP-3 complex sigma3B subunit	Mm.2564
114804	156272	AW543448	null	null	null
19282	39364	AW542918	null	null	Mm.3317
26623	57757	AW543081	TC175766	null	Mm.25309
85852	110138	AW543396	null	null	null
37378	50014	AW543467	TC174324	UbcM4 interacting protein 48;	Mm.27934
0	0	AW538188	TC175341	cyclin E	Mm.16110
71204	71565	AW538235	null	null	null
349221	361544	AW538307	TC200063	null	Mm.25074
137326	146700	AW538357	TC173870	transcription factor Sp3	Mm.28513
42504	52316	AW538198	TC202870	osteoclast-specific 116-kDa V-	Mm.19185
149124	146413	AW538262	TC161641	null	Mm.28924
594908	545142	AW538318	null	null	null

114181	101887	AW538374	TC189687	null	Mm.28596
959592	600257	AW539371	TC186409	null	Mm.43822
81384	99648	AW539437	null	null	Mm.89137
0	0	AW539497	TC164012	null	Mm.6636
10853	15725	AW539554	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
575313	700118	AW539386	TC160985	null	Mm.28870
6904	9058	AW539450	TC190240	null	Mm.19892
11116	13929	AW539511	TC174168	tyrosine kinase	Mm.21974
27859	54199	AW539579	null	null	Mm.102600
308581	244297	AW543520	null	null	null
43972	40642	AW543670	null	null	Mm.102723
14709	15240	AW543743	TC163177	null	Mm.44179
55552	79513	AW543803	null	null	null
8906	9149	AW543618	TC192154	null	Mm.23468
293729	322574	AW543680	TC173232	Mac-2 antigen (AA 1-264)	Mm.2970
137845	150622	AW543755	null	null	null
29526	34019	AW543822	TC188865	transcription factor Sp1	Mm.4618
69590	179580	AW537992	TC173063	null	Mm.30142
17730	20751	AW538039	TC189817	null	Mm.5434
17068	30079	AW538075	TC161438	fibrillarlin	Mm.4595
25291	30462	AW538135	null	null	null
180835	281408	AW538002	TC173071	unidentified reading frame	Mm.12858
93791	75733	AW538050	TC170794	null	null
52971	59972	AW538087	TC188461	null	Mm.36699
14898	16517	null	null	null	null
68283	89885	AW538992	TC201088	26S proteasome, non-ATPase sub	Mm.27933
2339249	1696118	AW539213	TC177303	null	Mm.6053
107709	184668	AW539257	TC186814	null	Mm.24948
495493	905468	AW539329	TC206785	null	Mm.102589
45581	52717	AW539100	TC162400	null	Mm.28253
0	0	AW539221	null	null	null
99042	123863	AW539280	TC160409	null	Mm.44202
558195	999634	AW539343	null	null	null
15174	21221	AW542904	TC202630	null	Mm.29836
206280	152539	AW543056	TC200258	null	Mm.30147
545093	466988	AW543389	null	null	Mm.12909
14359	8919	AW543454	TC207019	null	Mm.31457
64569	98260	AW542919	TC201902	null	Mm.27544
78234	132144	AW543087	TC201393	null	Mm.28773
13861	11126	null	null	null	null
101807	99093	AW543469	TC189084	null	Mm.19126
26185	28965	AW538189	TC200280	dystroglycan	Mm.7524
109032	122584	AW538240	TC174356	null	Mm.26537
36746	33394	AW538310	TC162910	null	Mm.46741
223908	417950	AW538359	TC158805	ribosomal protein S2	Mm.1129
25958	24196	AW538199	TC191450	null	Mm.6215
0	0	AW538264	null	null	null
101421	105369	AW538325	TC176228	null	Mm.41160
67866	60564	AW538376	TC162441	null	Mm.41786
31821	33958	AW539376	TC206951	null	Mm.54737
212939	199714	AW539443	null	null	null

15324	15972	AW539499	TC159184	null	Mm.52356
55991	57093	AW539555	TC162893	precursor NEFA protein	Mm.9901
57441	82036	AW539387	null	null	null
0	0	AW539452	TC180450	null	Mm.102593
14094	22489	AW539512	TC201922	null	Mm.30122
5735	7921	null	null	null	null
370499	380770	AW543524	TC174426	adenylosuccinate synthetase	Mm.6317
64416	55958	AW543672	null	null	Mm.27246
139844	199962	AW543745	TC187501	eIF3-p44	Mm.30080
25233	46244	AW543811	TC161123	null	Mm.28742
111699	138837	AW543620	TC175307	null	Mm.27878
178473	160507	AW543682	TC175092	putative gap junction protein	Mm.7604
2348680	2177216	AW543756	null	null	null
14680	17420	AW543824	TC166711	null	Mm.31213
151657	150707	AW537993	TC161251	null	Mm.28171
49543	48520	AW538040	TC202064	cysteine-rich repeat-contains	Mm.19271
8017	15339	AW538077	null	null	Mm.102544
158865	178434	AW538136	TC175134	putative chloride channel prot	Mm.22727
0	0	AW538007	null	null	null
28936	40115	AW538051	TC188015	null	Mm.12441
1994278	1571400	null	null	null	null
49229	42509	AW538151	null	null	Mm.102546
53513	72681	AW539080	TC200097	null	Mm.622
403788	430929	AW539214	TC163108	null	Mm.19223
0	0	AW539258	TC174876	cyclin C protein	Mm.32383
68301	95212	AW539331	null	null	Mm.297
55353	50491	AW539101	TC190543	null	Mm.44865
40462	43703	AW539224	null	null	null
18298	20457	AW539286	TC174079	null	Mm.5875
197265	174039	AW539344	null	null	null
97785	157031	AW542909	TC159918	null	Mm.2756
0	0	AW543058	TC203802	null	Mm.18130
13109	12154	AW543390	TC174739	null	Mm.21353
0	0	AW543456	TC160583	decidual PRL-related protein	Mm.35840
0	0	AW542924	TC157823	null	Mm.35105
11518	16294	AW543088	null	null	null
26863	30452	AW543400	TC161936	null	Mm.41690
81580	83367	AW543475	TC158924	null	Mm.26217
385524	329142	AW538190	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
40875	34783	AW538243	TC184112	null	null
24304	28574	AW538311	TC161789	placental PRL-like protein E	Mm.87973
868504	1155604	AW538365	null	null	null
111060	137491	AW538200	TC159096	null	Mm.28095
1116512	849819	AW538269	null	null	null
123809	105926	AW538326	TC204890	null	Mm.50596
16191	26034	AW538378	TC162042	null	Mm.24591
902493	1005168	AW539377	null	null	null
5836	8294	AW539445	TC201670	cupidin	Mm.228
0	0	AW539501	TC197662	null	Mm.102597
15481	18253	AW539556	TC201896	null	Mm.28333
0	0	AW539389	null	null	Mm.102592

34284	28717	AW539454	null	null	Mm.102594
0	0	AW539513	TC173976	RING1B protein	Mm.31512
0	0	AW539581	TC159076	null	Mm.46687
73599	96606	AW543528	TC176957	null	Mm.103500
152865	114369	AW543673	TC187202	null	Mm.29828
106658	100319	AW543748	TC159059	myosin I beta	Mm.25194
333853	292924	AW543815	null	null	null
30409	42127	AW543621	TC188008	mORC2L	Mm.3411
80808	210553	AW543683	TC159415	nucleolin	Mm.4907
0	0	AW543759	TC211349	null	Mm.102726
120138	119658	AW543826	TC186547	GTP-binding protein	Mm.21905
111510	86714	AW544502	TC159523	sodium/potassium ATPase beta	Mm.4550
432665	514860	AW544560	TC159796	calmodulin	Mm.2648
6254	4976	AW544641	TC175742	null	Mm.45169
0	0	AW544709	TC202161	null	Mm.86867
74996	53491	AW544515	TC173114	ARL-6 interacting protein-1	Mm.29924
111907	188815	AW544577	TC202257	null	Mm.40295
25121	28996	AW544661	TC203337	LOK	Mm.8235
0	0	AW544728	TC187577	alkaline phosphatase	Mm.1265
105567	113748	AW545825	null	null	null
0	0	AW536076	null	null	null
0	0	AW536120	TC188544	null	Mm.44082
0	0	AW545836	TC161930	null	Mm.22385
223844	134725	AW536086	TC189452	null	Mm.30190
25751	28436	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
4590	12348	AW536751	TC160711	pLK	Mm.16525
51247	75257	AW536795	TC160086	protein kinase	Mm.1761
27708	28763	null	null	null	null
113552	197016	AW536875	TC159785	null	Mm.2050
0	0	AW536758	null	null	null
73525	127285	AW536805	TC186487	non-histone chromosomal high-m	Mm.16421
0	0	AW536836	TC161653	MAP Kinase Kinase	Mm.14487
217481	363677	AW536875	TC159785	null	Mm.2050
231756	190536	AW544782	null	null	null
0	0	AW544837	TC197625	null	Mm.102647
60237	66067	null	null	null	null
19351	19038	AW544956	TC164851	null	Mm.102774
184108	365529	AW544801	TC186566	DN38	Mm.3797
801656	1442415	AW544848	null	null	null
17344	16675	AW544905	TC159156	null	Mm.104563
44914	54659	AW544990	TC157694	GDP-dissociation inhibitor	Mm.28084
55532	80147	AW536180	null	null	null
264489	342407	AW536207	TC186465	null	Mm.21840
0	0	AW536255	TC190885	null	Mm.23847
13140	22836	AW536290	TC187882	null	Mm.41541
0	0	AW536185	TC158317	null	Mm.3862
60263	65550	AW536215	TC160503	extendin	Mm.4540
186845	173550	AW536264	TC160855	fumarase	Mm.41502
38183	41777	AW536302	TC187688	null	Mm.28875
0	0	AW536912	TC164421	null	Mm.44429
85015	114011	AW536970	TC190604	null	Mm.45065

21703	28708	AW537012	TC161199	null	Mm.3779
444879	780060	AW537056	TC189977	octamer-binding protein 4	Mm.17031
33538	76263	AW536927	TC201579	null	Mm.30666
43240	59019	AW536978	TC204719	null	Mm.102025
0	0	AW537023	TC204631	null	Mm.63694
41013	54229	AW537069	TC174159	null	Mm.34763
0	0	AW544503	TC179118	null	null
20546	25537	AW544562	TC167189	null	Mm.80879
95427	110806	AW544651	TC174390	null	Mm.13705
205896	233829	AW544713	TC158869	null	Mm.186
93927	117984	AW544517	TC188279	null	Mm.28711
171238	200899	AW544580	TC157624	null	Mm.28339
202371	234491	AW544666	TC187463	null	Mm.21556
13033	14206	AW544730	TC202479	null	Mm.40762
0	0	AW545826	null	null	null
50671	53530	AW536078	TC188580	null	Mm.24025
15854	28302	AW536126	TC190228	phosphatidylinositol 4-phospha	Mm.3191
60765	140228	AW545839	TC186566	DN38	Mm.3797
52674	46531	AW536087	TC202294	null	Mm.30130
64122	108838	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
0	0	AW536752	TC174893	null	Mm.62046
45168	70947	AW536798	TC186841	null	Mm.24703
47419	68873	AW536828	TC173705	null	Mm.28693
24332	37362	AW536867	TC201734	null	Mm.34105
0	0	AW536762	null	null	Mm.102512
10660	14333	AW536806	TC200343	null	Mm.18583
0	0	AW536837	null	null	Mm.45683
149103	216441	AW536880	TC186557	null	Mm.29057
65656	100257	AW544786	null	null	null
36067	36497	AW544840	TC175773	null	Mm.103542
42110	52127	AW544885	TC175155	null	Mm.28103
0	0	null	null	null	null
259789	304877	AW544803	TC159729	ferritin light chain	Mm.7500
43043	37815	AW544850	TC159102	null	Mm.21596
14430	14931	AW544907	null	null	Mm.4735
43091	88235	AW544992	TC201140	null	Mm.38832
102381	123308	AW536182	null	null	Mm.28375
122416	139173	AW536207	TC186465	null	Mm.21840
201392	139551	null	null	null	null
6053	11862	AW536294	TC160930	null	Mm.25231
138446	290939	AW536186	TC186375	PO protein	Mm.5286
145001	284204	AW536216	TC159528	alpha-tubulin	Mm.4591
32882	35837	AW536265	TC202378	PKR-associating protein RAX	Mm.82561
3050	4774	null	null	null	null
10605	15281	AW536914	null	null	Mm.102515
506265	1042518	AW536971	TC159524	ribosomal protein L5	Mm.4419
76960	148058	AW537013	TC173911	BAF57	Mm.27330
37848	45433	AW537059	TC175293	null	Mm.34493
0	0	AW536929	TC163813	null	Mm.103496
6764	9297	null	null	null	null
0	0	AW537024	TC174327	null	Mm.41438

193169	279190	AW537070	TC186914	null	Mm.25994
58654	90739	AW544505	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
40004	54720	null	null	null	null
19366	26343	AW544652	TC161551	null	Mm.23173
146458	172006	AW544719	TC189808	null	Mm.40284
37617	41536	AW544518	TC205026	null	Mm.46191
238060	244836	AW544588	TC173533	protein kinase C inhibitor	Mm.425
91228	106985	AW544671	null	null	Mm.30132
58552	60470	AW544732	TC186958	null	Mm.101782
1106737	963846	AW545830	null	null	null
23897	19752	AW536081	null	null	null
57060	62392	AW536127	TC201639	null	Mm.5274
55105	73522	AW536144	TC173599	null	Mm.6118
8317	11743	AW536090	TC204566	null	Mm.100638
78524	52387	AW536138	TC186643	glucosamine-6-phosphate deamin	Mm.5736
170478	200303	AW536161	TC159729	ferritin light chain	Mm.7500
67736	58399	AW536753	TC187851	null	Mm.31778
61266	94418	AW536799	TC189383	null	Mm.34139
52528	68771	AW536832	TC188227	null	Mm.22669
63318	68910	AW536870	TC158375	null	Mm.21716
11219	7941	AW536765	TC189237	reticulocalbin	Mm.4876
18843	106562	AW536807	TC186498	F52	Mm.2769
180001	202693	AW536838	TC187278	magnesium dependent protein ph	Mm.3766
49925	75919	AW536884	TC191322	null	Mm.18737
113682	127012	AW544787	TC162696	Ext1	Mm.1424
92940	107079	AW544842	TC163549	null	Mm.33803
41202	43957	AW544886	TC190362	null	Mm.57269
27485	28830	AW544981	TC191469	null	Mm.3369
90923	136301	AW544804	TC188341	null	Mm.28232
29255	33928	AW544851	null	null	Mm.102602
23757	32018	AW544910	TC157205	null	Mm.43005
7579	5467	AW544994	TC157242	Kiz-1	Mm.15409
140752	181760	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
13592	15504	AW536208	TC174250	eIF-1A	Mm.1540
134427	145340	AW536256	TC200305	partial homology to cytochrome	Mm.30072
32512	36554	AW536295	null	null	null
455434	901928	AW536186	TC186375	PO protein	Mm.5286
86851	101346	AW536218	TC160157	Wdr1 protein	Mm.2654
656886	411677	AW536267	null	null	Mm.102498
135512	154906	AW536303	TC199927	null	Mm.31435
961042	816131	AW536916	TC173148	adenine nucleotide translocase	Mm.658
882558	1740307	AW536971	TC159524	ribosomal protein L5	Mm.4419
97520	358085	AW537016	TC159637	cathepsin L	Mm.930
67328	79957	AW537061	TC175265	null	Mm.46507
145235	207521	AW536931	TC174558	null	Mm.219
13930	21907	AW536981	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308
0	0	AW537025	TC174864	null	Mm.21470
15535	19494	AW537071	TC203174	null	Mm.11660
159360	119409	AW544506	TC160708	4-trimethylaminobutyraldehyde	Mm.29803
100628	89654	AW544567	TC180464	null	Mm.102679
7135	12330	AW544654	TC189768	null	Mm.86399

60342	65057	AW544721	TC188717	null	Mm.41936
41012	59542	AW544521	TC200469	microtubule-associated protein	Mm.12625
60074	76512	AW544589	TC160282	APC-binding protein EB1 homolo	Mm.18418
0	0	AW544672	null	null	null
7845	9413	AW544734	TC203924	null	Mm.103426
13921	9363	null	null	null	null
7865	12329	AW536083	TC175032	null	Mm.41029
0	0	AW536132	TC201916	null	Mm.24054
34306	57880	AW536149	TC160259	ATRX protein	Mm.10141
32599	25399	AW536092	TC160595	null	Mm.28597
165408	160715	AW536140	TC158172	heat shock-like protein	Mm.1843
240505	256165	AW536161	TC159729	ferritin light chain	Mm.7500
187771	239472	AW536755	TC173767	null	Mm.30069
52219	68793	AW536801	TC174946	null	Mm.21735
43905	65466	AW536833	TC162156	null	Mm.24737
57815	62440	AW536873	TC173275	deoxyribonuclease I	Mm.38470
254461	311187	AW536769	null	null	null
799783	1396465	AW536808	TC159762	G protein beta subunit like	Mm.5305
26041	39114	AW536839	TC160657	SKD3	Mm.3990
22138	46585	AW536886	TC160389	null	Mm.29363
212120	161680	AW544792	TC158353	cyclin E2	Mm.61892
0	0	AW544844	TC205976	null	Mm.83637
161455	191775	AW544887	TC158455	null	Mm.22936
105170	259253	AW544982	TC174062	squalene epoxidase	Mm.22663
427997	712437	AW544805	TC173757	SYNCRIP	Mm.27972
456945	335159	AW544857	TC160307	null	Mm.29051
13877	8081	AW544913	TC194084	null	Mm.102692
339790	461686	AW544996	TC187493	mannose-6-phosphate-receptor	Mm.1358
88400	129944	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
23608	15383	AW536209	TC203380	null	Mm.31550
680672	576130	AW536258	TC188538	tripeptidyl-peptidase ii	Mm.28867
43117	38002	AW536297	TC161963	null	Mm.28811
28672	23983	AW536188	TC205998	null	Mm.32430
38149	65219	AW536219	TC161776	null	Mm.40292
42212	57685	AW536269	TC202005	null	Mm.23224
43308	49337	AW536307	TC187301	null	Mm.20315
37537	43408	AW536921	TC200530	null	Mm.27671
324985	613591	AW536971	TC159524	ribosomal protein L5	Mm.4419
3471	12094	AW537016	TC159637	cathepsin L	Mm.930
0	0	AW537063	TC178038	null	Mm.2718
32943	32072	AW536933	TC162180	null	Mm.28684
214254	364623	AW536982	TC159684	synapsin Ib	Mm.20936
377590	423331	AW537026	TC159862	RFG	Mm.28261
74696	95694	AW537072	TC187763	cyclophilin C	Mm.4587
87738	88755	AW544507	TC160198	LIM domains containing protein	Mm.10987
0	0	null	null	null	null
519651	875280	AW544655	null	null	Mm.1318
16130	18297	AW544724	TC184101	null	Mm.102758
96087	75233	AW544525	TC201160	UGTrel1	Mm.4593
1003145	984818	AW544592	null	null	null
189965	190474	AW544673	null	null	null

210146	229480	AW544737	TC158284	vacuolar H(+)-ATPase	Mm.30155
0	0	AW545835	TC160142	Smt3A protein	Mm.24433
71752	61704	AW536084	null	null	null
7084	6496	AW536133	TC166369	null	Mm.100644
48913	54972	AW536151	TC159545	heat shock protein 65	Mm.1777
18845	15476	null	null	null	null
202901	212299	AW536140	TC158172	heat shock-like protein	Mm.1843
226715	245821	AW536161	TC159729	ferritin light chain	Mm.7500
209741	355034	AW536757	null	null	Mm.28805
230094	455049	AW536803	TC158268	thymic shared antigen-1	Mm.788
0	0	AW536834	TC205131	null	Mm.103499
14668	18775	AW536866	TC158589	second largest subunit of RNA	Mm.34589
12192	11317	AW536770	TC163375	transcription factor TFEF	Mm.2305
553332	568983	AW536809	null	null	null
65652	100040	AW536842	TC201261	fibroblast growth factor induc	Mm.14501
53855	49318	AW536887	TC179008	null	Mm.3055
82952	74959	AW544793	null	null	Mm.102763
8713	9526	AW544846	TC176377	gene trap locus-13	Mm.25164
9342	5855	null	null	null	null
184647	129459	AW544985	TC186397	null	Mm.3381
42639	44580	AW544806	TC190980	null	Mm.25159
46385	54257	AW544858	TC173781	von Hippel-Lindau binding prot	Mm.8294
299710	248495	AW544915	TC188510	null	Mm.41271
456267	411003	AW545004	null	null	null
172495	262317	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
9132	9101	AW536210	TC203724	null	Mm.29304
92190	96860	AW536259	TC173691	putative CCAAT binding factor	Mm.28845
85583	80904	AW536299	TC200262	null	Mm.29641
132036	187109	AW536189	TC200520	proliferation-associated prote	Mm.4742
22695	25980	AW536221	TC212909	null	Mm.101633
252909	427485	AW536271	TC200161	null	Mm.1538
30575	29831	null	null	null	null
67450	102443	AW536922	TC189112	null	Mm.23666
1257645	2107243	AW536971	TC159524	ribosomal protein L5	Mm.4419
15417	13014	AW537017	TC158920	ornithine decarboxylase, ODC {	Mm.15259
0	0	AW537064	TC163928	null	Mm.45759
16884	28694	AW536937	TC188197	MSSP	Mm.27230
330196	600876	AW536982	TC159684	synapsin lb	Mm.20936
293277	294542	AW537028	null	null	null
532105	757317	AW537074	TC174136	cathepsin H	Mm.2277
43840	52218	AW544513	TC189364	null	Mm.41563
22481	41142	AW544660	TC191497	null	Mm.103353
964692	1184276	AW544726	TC186539	14-3-3 zeta protein	Mm.3360
207693	174261	AW544526	null	null	null
5716	9098	AW544597	TC189957	null	Mm.30464
92959	92951	AW544674	TC189077	null	Mm.38390
9605	9341	AW544738	null	null	Mm.34674
29540	35377	AW545835	TC160142	Smt3A protein	Mm.24433
216662	317758	AW536085	null	null	Mm.188
94828	64341	AW536136	TC191575	null	Mm.24247
111435	113124	AW536151	TC159545	heat shock protein 65	Mm.1777

10018	11232	AW536094	TC204265	DNA binding protein	Mm.3318
124442	126795	AW536140	TC158172	heat shock-like protein	Mm.1843
369026	332075	AW536162	TC159810	lactate dehydrogenase	Mm.26504
339640	567513	AW536757	null	null	Mm.28805
115101	120789	AW536804	null	null	null
96436	83002	AW536835	TC200964	unnamed protein product	Mm.18230
211866	343076	AW536875	TC159785	null	Mm.2050
7758	10141	AW536772	TC163843	null	Mm.40290
138495	145978	AW536810	TC200283	null	Mm.28049
163099	191433	AW536843	TC200088	CCT (chaperonin containing TCP	Mm.6821
33683	37223	AW536892	TC157452	null	Mm.77586
167685	155499	AW544795	TC203183	null	Mm.23065
64886	67872	AW544847	TC187514	null	Mm.29356
42478	95377	AW544893	TC174461	null	Mm.29101
96726	116767	AW544986	TC160964	serine/threonine protein kinas	Mm.4082
16216	13847	AW544808	TC190225	null	Mm.17800
92909	49835	AW544861	TC197636	null	Mm.102765
45995	52721	AW544921	TC189506	null	Mm.4563
27454	33059	AW545005	TC203792	null	Mm.89821
109191	173124	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
66349	78127	AW536212	TC203235	null	Mm.46788
97311	110003	AW536262	TC175809	null	Mm.45993
44298	42904	AW536301	TC160997	null	Mm.7588
139453	107641	AW536190	null	null	null
13621	19582	AW536222	TC160036	embigin precursor	Mm.89123
118000	190807	AW536271	TC200161	null	Mm.1538
1230551	1266266	AW536311	null	null	Mm.2944
346403	555160	AW536926	TC160945	null	Mm.28540
249598	219283	AW536972	TC177296	null	Mm.33152
0	0	AW537021	TC163440	rab17	Mm.46396
90504	127554	AW537067	TC187405	null	Mm.6691
0	0	AW536942	TC188197	MSSP	Mm.27230
37080	35237	AW536983	TC203916	null	Mm.31972
24110	30802	AW537030	TC162552	null	Mm.41635
30952	47634	null	null	null	null
0	0	AW537551	TC174206	ATP-binding cassette protein	Mm.27135
0	0	AW537615	TC176089	ORC1-related protein	Mm.42024
33792	35598	AW537659	TC200171	null	Mm.972
27370	15134	AW537752	TC176494	null	Mm.25078
7256	19749	AW537567	TC175108	null	Mm.10153
41145	50872	AW537625	TC160376	null	Mm.24874
5583	10540	AW537669	TC173550	methyl purine glycosylase	Mm.33019
0	0	AW537767	TC166418	null	Mm.102530
27651	25014	C76863	TC175577	null	Mm.5544
0	0	C76948	null	null	null
0	0	C77017	null	null	null
0	0	C77096	null	null	null
53090	25904	C76882	null	null	null
66965	75171	C76958	TC168422	null	Mm.24927
0	0	C77044	null	null	null
9841	6994	C77108	TC163468	null	Mm.24937

0	0	C78069	TC188162	null	Mm.27932
0	0	C78148	null	null	null
89726	116716	C78257	null	null	Mm.34497
15535	22148	C78336	TC160550	h2-calponin	Mm.21776
48393	33925	C78087	null	null	null
17725	23491	C78172	null	null	null
10496	11845	C78278	null	null	null
0	0	C78361	TC194121	null	null
53020	101065	AW537799	TC174154	SIK similar protein	Mm.10303
45062	41990	AW537704	TC188859	null	Mm.28898
0	0	C76065	null	null	null
72774	82939	AW537811	TC161652	null	Mm.33425
119406	128148	AW537717	null	null	Mm.102535
0	0	C75994	null	null	null
34749	51793	C76081	TC174185	null	Mm.24488
0	0	C77164	null	null	null
0	0	C77257	null	null	Mm.5593
0	0	C77333	null	null	null
20927	19081	C77414	TC176420	G protein-coupled receptor Rec	Mm.4772
23927	33156	C77183	null	null	null
662395	739943	C77281	TC157774	p120	Mm.35738
0	0	C77347	null	null	null
28346	29277	C77432	TC160201	null	Mm.21450
42115	44267	C78423	TC163391	null	Mm.44200
6272	6662	C78485	null	null	null
199479	342352	C78555	TC201916	null	Mm.23207
5603	9347	C78625	null	null	null
0	0	C78441	null	null	Mm.34945
34674	43634	C78507	TC160881	null	Mm.17009
0	0	C78568	null	null	null
26601	23060	C78643	TC206223	null	Mm.34938
13390	33119	AW537558	TC201814	null	Mm.31227
178226	234003	AW537616	TC187397	null	Mm.24036
0	0	AW537661	TC200446	RNA polymerase I associated fa	Mm.26772
15629	19762	AW537756	null	null	Mm.102529
0	0	AW537568	TC174912	null	Mm.27234
55263	54422	AW537632	TC159100	null	Mm.104
20120	16843	AW537670	TC159036	heat shock protein 40	Mm.2982
0	0	AW537768	TC158178	297 aa protein	Mm.890
367099	429543	C76867	TC165243	null	Mm.19311
509493	626956	C76949	TC159894	proteasome subunit C10-II	Mm.21874
76060	102457	C77018	TC200213	ras-GTPase-activating protein	Mm.2411
0	0	C77097	null	null	null
200496	186541	C76884	TC197232	null	Mm.31742
38905	38108	C76960	TC163057	beta-2-andrenergic receptor	Mm.5598
0	0	C77049	TC199159	null	null
11674	11933	C77110	null	null	null
28943	36037	C78075	TC166769	null	Mm.24970
381609	483744	C78150	TC174006	null	Mm.29192
0	0	C78261	null	null	null
0	0	C78344	null	null	Mm.35613

10570	9021	C78089	null	null	null
0	0	C78173	null	null	Mm.90056
4812	4438	C78280	null	null	null
0	0	C78367	TC163353	null	Mm.22747
34835	49424	AW537800	TC200694	null	Mm.28538
77201	104256	AW537705	TC162539	aspartate transcarbamylase	Mm.29394
3355	4338	C75972	TC178640	putative basolateral cTAL chlo	Mm.24882
63684	83601	C76071	TC162321	pc-tp2	Mm.28896
64401	127171	AW537812	TC173217	HMG-17 protein (AA 1 - 90)	Mm.911
64721	72290	AW537724	TC188043	null	Mm.29989
23643	28547	C75999	TC187731	epidermal growth factor recept	Mm.17500
4560	5792	C76092	TC202007	null	Mm.30248
0	0	C77168	TC205734	null	Mm.24954
0	0	C77258	TC191290	null	Mm.23288
7269	7296	C77338	TC164087	null	Mm.30031
0	0	C77420	null	null	null
1876	6739	C77196	TC164433	null	Mm.24944
9440	9567	C77282	null	null	null
39422	73118	C77352	TC201291	null	Mm.23713
0	0	C77438	null	null	null
69442	76860	C78426	TC161137	null	Mm.21194
10773	15890	C78486	TC189018	null	Mm.28215
0	0	C78560	null	null	null
0	0	C78632	null	null	null
0	0	C78444	null	null	Mm.24992
538824	730178	C78511	TC187004	null	Mm.17912
0	0	C78571	TC177364	null	Mm.27284
21385	21740	C78651	null	null	Mm.24996
42238	64161	AW537561	TC159707	SPARC (aa 1-302)	Mm.35439
261403	444162	AW537619	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
3309	5439	AW537662	TC158626	null	Mm.30187
0	0	AW537758	TC206411	null	Mm.32554
27391	31491	AW537569	TC187997	phospholipid scramblase 3	Mm.28874
202438	252251	null	null	null	null
88386	159308	AW537671	TC186974	null	Mm.385
23137	43003	AW537769	TC160267	Dhm1 protein	Mm.3065
92695	109714	C76870	TC158475	null	Mm.32746
66459	88000	C76950	null	null	null
25458	30254	C77024	null	null	null
6522	7798	C77099	TC177623	null	Mm.5572
277317	229907	C76892	null	null	null
288239	465744	C76965	TC202315	NG22	Mm.29004
131187	173748	C77052	TC176671	null	Mm.29450
246680	290655	C77111	TC188637	null	Mm.28059
125771	187519	C78076	TC192902	null	Mm.5675
17406	17986	C78157	null	null	null
0	0	C78262	null	null	null
8551	10288	C78346	null	null	null
118665	190309	C78091	TC160175	serine-threonine kinase recept	Mm.22584
12782	10179	C78176	null	null	null
18412	8595	C78283	null	null	null

0	0 C78373	null	null	null
36423	52097 AW537801	TC163193	null	Mm.34134
50108	89370 AW537708	TC174896	platelet-derived growth factor	Mm.2924
8760	19777 C75983	null	null	null
0	0 C76073	TC173596	SATB1	Mm.4381
44017	65789 AW537813	TC174021	null	Mm.24209
61724	69434 AW537725	null	null	Mm.102536
43693	36257 C76001	TC178854	null	Mm.31327
0	0 C76094	null	null	null
20225	46631 C77170	TC178145	null	Mm.24942
0	0 C77263	null	null	Mm.24934
0	0 C77341	null	null	Mm.24951
25811	25061 C77425	TC176870	Vanin-1	Mm.27154
140439	131393 C77199	TC189246	null	Mm.28086
4835	12562 C77289	TC161272	GCN5 histone acetyltransferase	Mm.27559
63333	109345 C77361	TC200756	DNA topoisomerase IIalpha	Mm.4237
0	0 C77448	null	null	null
263711	220355 C78427	TC200408	protein co-factor	Mm.27842
29514	57033 C78494	TC202415	null	Mm.22094
7391	7501 C78563	TC202451	null	Mm.28388
0	0 C78633	null	null	null
133708	153293 C78445	TC158467	null	Mm.4261
8448	8327 C78513	null	null	Mm.37806
567900	176495 C78577	TC190558	null	Mm.26930
16834	17137 C78653	null	null	null
0	0 AW537563	TC159815	null	Mm.18700
27016	29960 AW537620	TC190007	null	Mm.32527
17231	18550 AW537663	TC162607	null	Mm.29255
17490	13677 AW537759	TC187065	integrin beta-5	Mm.6424
9823	19294 AW537576	TC173215	USF2	Mm.15781
186858	232695 AW537634	null	null	null
12297	9801 AW537674	TC203384	null	Mm.5267
0	0 AW537770	TC199439	null	Mm.102531
13729	14075 C76872	null	null	null
107489	92117 C76954	TC173902	GM2 activator protein	Mm.4140
0	0 C77028	TC202835	null	Mm.5727
52544	73070 C77101	null	null	null
19874	22198 C76899	null	null	null
6751	11469 C76966	null	null	Mm.24939
600755	746676 C77053	TC161769	glycolipid transfer protein	Mm.22986
0	0 C77112	null	null	Mm.5574
86126	107770 C78081	null	null	null
35522	36015 C78162	null	null	null
253128	509388 C78264	TC173131	null	Mm.29859
195656	344263 C78347	TC176650	null	Mm.27495
18214	20135 C78093	null	null	null
48099	52798 C78183	TC157970	null	Mm.80592
10151	14084 C78292	null	null	Mm.24991
1581022	1444003 C78376	TC196254	null	Mm.37386
25742	29009 AW537802	TC157968	null	Mm.104092
55669	64104 AW537712	TC200715	nucleolar protein	Mm.3716

11393	57689	C75984	TC196460	null	Mm.33438
0	0	C76076	null	null	Mm.34927
33499	41509	AW537814	TC177824	Zfp75p	Mm.12916
309893	339141	AW537726	TC159918	null	Mm.2756
0	0	C76002	null	null	Mm.5438
61294	65301	C76098	TC189351	null	Mm.24893
18200	11855	C77180	TC162254	null	Mm.22213
0	0	C77266	null	null	null
0	0	C77342	TC176803	REX-1 protein (put.); putative	Mm.3396
0	0	C77427	TC187951	bystin	Mm.27291
0	0	C77202	null	null	null
12342	6600	C77290	null	null	null
16708	25605	C77364	TC160843	DNA ligase I	Mm.1013
0	0	C77451	null	null	Mm.103684
10654	11889	C78430	TC158412	Cdc25a	Mm.29800
134621	146877	C78502	TC186760	BS4 peptide	Mm.5856
13840	7649	C78564	null	null	null
50407	47665	C78634	TC201593	null	Mm.29529
5683	7257	C78447	TC187674	BING4	Mm.2437
0	0	C78515	null	null	null
292570	377222	C78582	TC203675	null	Mm.6772
107427	94129	C78656	TC200869	NADH-ubiquinone oxidoreductase	Mm.14442
0	0	AW537564	TC185383	null	Mm.102528
103765	103321	AW537621	TC186711	coat protein gamma-cop	Mm.30183
48653	36379	AW537667	TC160039	nonclathrin coat protein zeta-	Mm.29473
9341	13155	AW537764	TC189587	null	Mm.21201
0	0	AW537581	TC199436	null	null
17334	16262	AW537638	TC188407	null	Mm.23021
47682	73056	AW537675	TC187312	putative RNA helicase and RNA	Mm.993
12271	12000	AW537772	TC188464	Ankhnzn	Mm.10313
59821	57006	C76876	null	null	null
50814	63867	C76955	null	null	null
19137	21158	C77031	null	null	Mm.16893
27102	25041	C77102	null	null	null
175689	159297	C76904	TC189844	null	Mm.23885
325021	260390	C76969	TC187847	null	Mm.24110
160006	189610	C77054	TC201834	serine/threonine kinase	Mm.5379
15901	24158	C77114	TC187309	null	Mm.1444
35341	34810	C78082	TC164495	null	Mm.80638
63404	63307	C78164	null	null	null
859019	611596	C78265	null	null	Mm.35835
76770	75489	C78353	TC173689	null	Mm.24169
25164	23896	C78094	null	null	null
16100	21235	C78185	null	null	null
117898	93037	C78293	null	null	null
42260	36639	C78379	null	null	null
455774	704293	AW537805	TC186723	Int-6	Mm.880
25371	31743	AW537713	TC175157	null	Mm.19082
9643	22727	C75987	TC179131	null	Mm.39486
7281	7156	C76077	TC180114	null	Mm.24890
16261	26829	AW537819	TC190557	null	Mm.45349

0	0 AW537729	TC187616	null	Mm.29690
26049	43985 C76006	TC174325	mSUG1 protein	Mm.665
52889	63987 C76102	TC192748	null	Mm.5454
0	0 C77181	null	null	null
8693	6255 C77267	null	null	null
7242	8226 C77344	null	null	null
0	0 C77430	TC190107	null	Mm.30095
15159	20329 C77211	TC200379	Lsc	Mm.3181
37426	29254 C77291	null	null	Mm.34932
13484	14135 C77368	null	null	null
0	0 C77456	null	null	null
168265	190471 C78431	null	null	Mm.103537
107184	71185 C78503	TC188794	DBF4-related protein	Mm.22430
23251	11881 C78565	TC173239	t-BOP	Mm.89727
29844	32069 C78640	TC202817	null	Mm.25233
29694	31483 C78451	TC205086	null	Mm.37597
71312	71322 C78516	null	null	null
296091	248388 C78584	TC174233	null	Mm.30241
73806	75297 C78659	null	null	null
102960	92252 AW537566	null	null	Mm.99776
32351	35800 AW537623	TC203207	null	Mm.27857
5536	18292 AW537668	TC166625	null	Mm.59041
8717	16683 AW537766	TC189713	null	Mm.27226
32197	34211 AW537582	TC175756	GANP protein	Mm.30098
67290	73685 AW537639	TC164101	null	Mm.102521
0	0 AW537678	TC189171	integrin alpha 5 subunit	Mm.16234
0	0 AW537774	TC201145	null	Mm.30965
377059	463557 C76879	TC186717	truncated SON protein	Mm.36553
16072	16234 C76957	null	null	null
32738	34841 C77036	null	null	null
14759	16072 C77104	TC201351	null	Mm.27928
100475	105672 C76907	TC191256	null	Mm.5547
15409	18356 C76972	TC181159	null	Mm.24928
0	0 C77055	null	null	null
24533	5362 C77118	TC173084	null	Mm.24776
126558	207373 C78085	TC157236	RNA helicase	Mm.3880
0	0 C78166	null	null	null
8578	3538 C78275	null	null	null
0	0 C78354	null	null	Mm.5706
13164	15808 C78108	null	null	null
3726	5699 C78187	TC170092	null	Mm.24985
78758	99805 C78294	TC201352	null	Mm.5702
61365	75984 C78385	TC203931	null	Mm.24950
60061	70231 AW537809	TC159226	bone morphogenetic protein-4	Mm.6813
348241	417907 AW537714	null	null	null
103386	652878 C75991	TC173504	HP1 alpha protein	Mm.28408
0	0 C76080	TC180114	null	Mm.24890
42133	47231 AW537820	TC174210	null	Mm.24131
16827	22809 AW537730	TC187030	null	Mm.25779
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0	0 C76106	null	null	null

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18236	18214	C77213	TC174889	null	Mm.29609
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37811	35993	C77369	TC160887	null	Mm.23975
7967	12673	C77459	null	null	Mm.35569
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9399	14985	C78505	null	null	null
67613	72443	C78566	null	null	Mm.100465
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18634	17982	C78452	null	null	null
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21617	15096	C78586	TC162923	null	Mm.24995
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0	0	C79210	null	null	Mm.36520
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0	0	C79365	null	null	null
13346	8207	C79457	TC161141	null	Mm.14992
0	0	C80408	null	null	Mm.43005
106253	70155	C80512	TC161534	creatine kinase isoenzyme, ubi	Mm.970
0	0	C80603	null	null	null
18081	21144	C80688	TC186640	null	Mm.2875
5642	7131	C80432	TC188538	tripeptidyl-peptidase ii	Mm.28867
0	0	C80532	null	null	Mm.16794
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0	0	C80717	null	null	null
0	0	C85289	null	null	Mm.9580
0	0	C85358	null	null	null
36638	32990	C85448	TC177801	null	Mm.21179
0	0	C85525	null	null	Mm.25386
70123	96113	C85314	TC157675	spindlin	Mm.42193
44247	34352	C85373	TC175302	null	Mm.22363
0	0	C85469	TC188446	RP42	Mm.30127
23412	21147	C85542	null	null	null
12427	19575	C79518	null	null	Mm.36431
37940	21170	C79582	null	null	null
0	0	C79649	null	null	null
26742	28158	C79712	TC188182	null	Mm.24875
127385	164611	C79533	null	null	null
0	0	C79595	null	null	Mm.2032
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0	0	C80986	null	null	null
51397	50340	C81083	TC200063	null	Mm.25074

0	0	C80820	null	null	null
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0	0	C81011	null	null	null
0	0	C81115	null	null	null
11404	17043	C85600	null	null	null
26224	28984	C85711	TC174380	null	Mm.28260
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0	0	C85851	TC204407	unnamed protein product	Mm.100980
12779	8021	C85642	null	null	null
28011	23886	C85727	TC172323	null	Mm.25488
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0	0	C85868	TC162711	mitochondrial seryl-tRNA synth	Mm.28080
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39656	36576	C79270	null	null	null
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9782	18713	C79446	null	null	null
36197	39153	C79212	TC202043	null	Mm.39281
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0	0	C79461	null	null	null
0	0	C80410	null	null	Mm.42447
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0	0	C80697	TC178565	null	Mm.31079
0	0	C80433	null	null	null
11737	21698	C80533	null	null	null
266204	205830	C80636	TC176355	null	Mm.28844
5744	6422	C80719	null	null	Mm.25085
1041385	737845	C85298	TC162478	null	Mm.25377
13531	12744	C85359	TC162396	exonuclease 1 homologue	Mm.34988
4604	8589	C85450	TC187247	SH2 domain-containing Eph rece	Mm.9593
22779	26047	C85526	TC189157	CRIB-containing BORG3 protein	Mm.34268
0	0	C85316	TC183628	null	Mm.7726
14476	17155	C85377	null	null	null
514809	490112	C85471	null	null	Mm.30050
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0	0	C79519	TC200139	null	Mm.21420
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25630	32249	C79650	TC173337	null	Mm.22533
5029	7320	C79714	TC158309	dbpA murine homologue	Mm.29794
0	0	C79534	TC176668	null	Mm.6626
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0	0	C79673	TC200827	null	Mm.29670
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0	0	C80899	null	null	Mm.34947
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0	0	C81086	null	null	null
0	0	C80822	null	null	null
0	0	C80919	null	null	Mm.38540
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0	0	C81118	null	null	null
57439	40210	C85601	null	null	null
8687	12478	C85715	TC175191	hypothetical protein COX4AL	Mm.22072
10573	16384	C85782	TC174202	outer arm dynein light chain 4	Mm.7756
0	0	C85853	TC162648	null	Mm.29625
0	0	C85643	null	null	null
0	0	C85731	null	null	null
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13771	12930	C79272	null	null	Mm.28004
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59721	51075	C79447	TC181046	null	null
55139	75541	C79213	TC174958	null	Mm.44081
28123	32544	C79292	TC186760	BS4 peptide	Mm.5856
21665	29375	C79374	TC200616	C8	Mm.22228
24937	25514	C79462	TC157760	null	Mm.25034
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21108	20524	C80521	TC164008	null	Mm.21815
35352	34038	C80612	TC190918	null	Mm.14864
7448	7966	C80702	null	null	null
7640	5773	C80435	null	null	null
6603	9356	C80546	TC179495	null	null
0	0	C80638	TC178793	null	Mm.25081
0	0	C80722	null	null	null
0	0	C85300	null	null	null
82955	68643	C85360	TC200641	null	Mm.21712
188971	173179	C85456	TC200876	KIP	Mm.30217
145857	195821	C85531	TC158166	TBX1 protein	Mm.21119
11140	11310	C85317	TC191205	null	Mm.25378
26301	36546	C85379	TC202212	null	Mm.24761
0	0	C85472	null	null	null
37296	50520	C85544	null	null	null
8047	9837	C79588	null	null	null
0	0	C79657	null	null	null
40904	44602	C79718	TC200570	IQ motif containing GTPase act	Mm.22343
16680	8905	C79535	TC189499	null	Mm.38405
27786	160697	C79602	null	null	Mm.298
7269	6201	C79675	null	null	Mm.37807
0	0	C79734	TC189495	null	Mm.5833
13002	19094	C80811	TC161112	null	Mm.22357
21893	26377	C80902	TC203369	null	Mm.26532
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21596	21880	C80922	TC203781	null	Mm.23429
66739	66408	C81017	TC187717	C3F	Mm.3634
0	0	C81120	TC164706	null	Mm.101096
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6975	5133	C85783	TC202738	null	Mm.21308

15859	18341	C85855	TC200823	null	Mm.29680
67604	43840	C85652	null	null	Mm.43229
19155	37114	C85732	TC173815	null	Mm.4024
15774	11999	C85795	TC177375	null	Mm.78699
0	0	C85879	null	null	null
86540	132431	C79202	TC160175	serine-threonine kinase recept	Mm.22584
6099	14938	C79275	null	null	null
14422	11643	C79361	TC157324	null	null
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8537	11325	C79375	TC176883	null	Mm.25028
2838	5075	C79467	TC174941	null	Mm.34910
0	0	C80425	null	null	Mm.103695
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11577	12073	C80706	TC157758	null	Mm.25608
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11427	14294	C80559	null	null	Mm.25076
6645	7990	C80641	null	null	null
0	0	C80726	null	null	null
21753	23175	C85301	TC175755	null	Mm.29332
491513	440964	C85363	TC199826	null	Mm.9584
45267	55438	C85459	TC194097	null	null
18813	14466	C85535	null	null	null
11332	8585	C85319	null	null	null
11470	15004	C85395	null	null	null
9536	20476	C85477	TC177995	secretory protein KC precursor	Mm.37300
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0	0	C79525	null	null	null
0	0	C79589	null	null	null
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54404	38164	C79603	TC188130	null	Mm.29138
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5114	5359	C79737	null	null	null
25719	22478	C80812	TC160957	null	Mm.28551
7299	5246	C80913	TC161516	NNX3	Mm.23893
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6068	5169	C81097	null	null	Mm.103700
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60483	63333	C81124	null	null	Mm.1777
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2113219	1171785	C85856	null	null	Mm.90127
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4271	10615	C79203	null	null	Mm.9086
0	0	C79278	null	null	null
36424	39052	C79363	TC159036	heat shock protein 40	Mm.2982
0	0	C79452	TC172348	null	Mm.16881
31627	39423	C79224	TC160508	null	Mm.28968
11091	11541	C79300	TC172627	null	Mm.52271
5444	5000	C79378	null	null	null
24734	21798	C79468	TC192804	null	Mm.25035
16188	23288	C80427	TC161312	null	Mm.27404
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23098	27278	C80632	TC162511	null	Mm.25080
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0	0	C80565	null	null	null
22848	20133	C80642	TC176041	null	Mm.30115
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26885	38538	C85305	TC200514	null	Mm.34293
20498	26317	C85370	null	null	Mm.25380
28712	43081	C85461	null	null	Mm.10754
22114	22907	C85537	TC210266	null	null
13062	15981	C85321	TC195009	null	Mm.25379
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65283	67081	C85482	TC159041	[Mouse TIS11 primary response	Mm.1298
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34270	32001	C79663	null	null	Mm.26498
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9814	12293	C79739	TC160290	null	Mm.4538
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62462	64474	C81104	TC162921	EHM2	Mm.28217
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11822	13838	C80928	null	null	Mm.5999
86070	68932	C81033	null	null	Mm.28453
322589	220836	C81126	TC200616	C8	Mm.22228
30507	44650	C85637	TC160990	null	Mm.9854
18438	23887	C85723	TC175946	null	Mm.24734
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6110	7123	C85862	TC189511	null	Mm.28344
39296	33745	C85665	TC163119	PCTAIRE-3 protein kinase	Mm.28130
176719	156811	C85735	TC159976	adenylate kinase isozyme 2	Mm.29460
23756	17895	C85807	null	null	null
62262	72178	C85882	TC174006	null	Mm.29192
0	0	C79206	null	null	null

11008	9905	C79279	null	null	null
8095	13603	C79364	null	null	Mm.5824
0	0	C79456	TC168635	null	Mm.25033
13517	8453	C79225	null	null	Mm.25015
32502	33541	C79304	TC160987	H19	Mm.25203
15327	17500	C79382	TC174084	ferrochelatase	Mm.1070
9944	10078	C79472	null	null	null
0	0	C80430	TC191538	null	Mm.33976
15946	11439	C80530	null	null	null
21782	26307	C80633	TC173707	null	Mm.21686
5738	8961	C80713	TC191022	null	Mm.32828
10740	6245	C80443	null	null	null
0	0	C80566	TC160769	pleiotropic regulator 1	Mm.7138
0	0	C80648	TC190206	null	Mm.27843
6897	6832	C80729	null	null	Mm.18962
0	0	C85308	null	null	null
19295	25414	C85372	TC203897	null	Mm.27104
0	0	C85463	null	null	null
5569	4824	C85539	null	null	null
12229	12365	C85326	TC186223	null	Mm.16930
0	0	C85403	null	null	Mm.9587
20394	18983	C85485	TC176701	null	Mm.8581
0	0	C85556	TC203123	null	Mm.31282
45739	50008	C79532	TC176668	null	Mm.6626
15551	15906	C79593	TC176411	null	Mm.28825
87995	91826	C79669	TC202501	putative protein phosphatase t	Mm.28965
0	0	C79729	null	null	null
76793	58166	C79540	TC186778	null	Mm.28853
5591	8728	C79607	null	null	null
0	0	C79681	null	null	null
0	0	C79740	null	null	null
23841	13727	C80816	null	null	Mm.28391
17496	12104	C80915	null	null	null
165455	203519	C81009	TC206952	null	null
0	0	C81114	null	null	null
14789	11099	C80850	null	null	null
6174	6379	C80936	null	null	Mm.103698
13691	12010	C81039	TC189373	cytoplasmic linker protein 50	Mm.28288
10232	10397	C81127	null	null	null
53458	72483	C85640	TC189509	multidrug resistance protein	Mm.6404
24572	18947	C85725	null	null	null
18696	15385	C85791	TC187954	null	Mm.2822
16223	14104	C85866	TC160296	null	Mm.29124
317165	226167	C85666	null	null	null
0	0	C85736	TC185650	null	Mm.7751
20674	20118	C85808	TC202859	spi2 proteinase inhibitor	Mm.15085
4937	8088	C85886	TC203365	null	Mm.18638
44780	59004	C86591	TC162294	SDR2	Mm.18910
5326	6447	C86668	TC202442	null	Mm.34991
0	0	C86767	TC199907	elongation factor 2	Mm.43907
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0	0	C86690	null	null	Mm.90076
18104	23992	C86790	null	null	null
0	0	C87767	TC201795	3-beta-hydroxysteroid dehydrog	Mm.16941
0	0	C87851	TC163338	null	Mm.27261
0	0	C87935	null	null	Mm.29807
0	0	C88020	TC201527	null	Mm.20693
8806	9037	C87788	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
14971	18700	C87870	TC200405	null	Mm.24174
9598	13852	C87944	null	null	null
0	0	C88035	null	null	null
8363	5962	AU022334	null	null	Mm.11832
0	0	AU022397	null	null	null
0	0	AU022457	null	null	null
18527	30090	AU022504	TC160907	null	Mm.22252
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49342	50852	AU022414	null	null	null
7253	10230	AU022466	TC191613	null	Mm.31488
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0	0	C86942	null	null	Mm.9708
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0	0	C87084	null	null	null
46356	70725	C88098	TC174413	U2-snRNP-specific b"	Mm.1323
34911	44418	C88181	null	null	Mm.30266
5224	8098	C88260	TC162016	xlr3b gene product	Mm.88311
0	0	C88344	null	null	null
0	0	C88118	TC164960	null	Mm.26117
0	0	C88193	null	null	null
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0	0	AU021712	TC204269	null	Mm.25580
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0	0	AU022615	null	null	Mm.28322
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0	0	C86530	null	null	null
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8132	10254	C86771	null	null	null
59439	69344	C86548	TC190323	null	Mm.28268
139577	144054	C86603	TC174209	COP1 protein	Mm.24538
143325	124107	C86692	null	null	Mm.25441
0	0	C86799	TC186798	the third largest RNA polymera	Mm.2186

29893	41261	C87771	TC173286	null	Mm.31378
29694	36500	C87853	null	null	null
33194	38678	C87936	TC175598	null	Mm.7775
0	0	C88021	null	null	Mm.7867
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0	0	C87945	TC189800	null	Mm.35060
0	0	AU022341	null	null	null
0	0	AU022400	null	null	null
52795	97302	AU022458	TC173917	I3 protein	Mm.2585
13138	15473	AU022508	TC157710	unnamed protein product	Mm.24299
0	0	AU022363	null	null	Mm.11834
5089	7003	AU022418	TC161706	null	Mm.26315
10626	17985	AU022468	TC160327	radixin	Mm.7051
0	0	AU022523	null	null	null
0	0	C86855	null	null	null
0	0	C86933	null	null	Mm.9706
0	0	C87001	null	null	null
4793	6629	C87065	TC187368	null	Mm.26708
9252	8980	C86866	TC190184	null	Mm.30501
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11693	9663	C87018	null	null	Mm.25461
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0	0	AU022579	null	null	null
55536	50265	AU022631	TC203035	null	Mm.34245
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0	0	AU022420	null	null	null
79553	67398	AU022471	null	null	Mm.7863
0	0	AU022524	null	null	null
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41897	75616	C86934	TC159838	null	Mm.22171
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243071	31109	C88186	null	null	null
5376	7606	C88263	TC177846	null	Mm.24380
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10760	16658	C88126	TC201871	null	Mm.24022
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13416	12259	C88298	TC157955	null	null
11602	11367	AU021719	null	null	null
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24847	21847	AU022581	TC187655	galectin-8	Mm.28033
0	0	AU022636	null	null	null
16978	23271	AU022698	TC200558	chloride ion current inducer p	Mm.21482
0	0	AU022749	null	null	null
0	0	C86532	null	null	Mm.36438
11534	19814	C86598	TC202372	null	Mm.35580
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0	0	C86775	TC174839	null	Mm.28271
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33421	33047	C86694	TC192520	null	Mm.31301
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9679	8528	C87778	TC179641	null	Mm.31316
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96527	145886	C88025	null	null	Mm.16421
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0	0	C87010	null	null	null
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42544	35317	C87869	TC200936	null	Mm.29276
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13799	14221	C88117	TC157886	null	Mm.104109
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69268	75797	C88280	TC184140	null	Mm.2012
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0	0	AU024249	TC173244	angiotensin II AT2 receptor-in	Mm.35646
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0	0	AU024457	null	null	Mm.13816
17802	14760	AU018788	TC161579	null	Mm.27809
0	0	AU018882	null	null	Mm.21262
119317	88381	AU018970	TC160283	ATP-specific succinyl-CoA synt	Mm.19154
34466	46927	AU019036	TC174076	null	Mm.28270
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19499	31856	AU018902	null	null	null
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23226	37828	AU023574	null	null	null

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20147	17796	AU023705	TC209925	null	Mm.26386
16041	23103	AU023534	null	null	Mm.26377
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0	0	AU023716	null	null	null
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142456	137941	AU024609	null	null	null
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0	0	AU024659	null	null	null
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125863	262126	AU019416	TC159816	null	Mm.18700
19029	20754	AU019168	TC178338	null	Mm.24775
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26438	20458	AU023419	null	null	Mm.103820
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0	0	AU018905	null	null	Mm.26144
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21152	29726	AU019062	null	null	Mm.26154
21783	17075	AU023518	TC197101	null	null
0	0	AU023577	null	null	Mm.11987
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0	0	AU024623	null	null	null
0	0	AU024663	null	null	null
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0	0	AU019243	TC174916	Eab1	Mm.2229
50987	44839	AU019318	TC204211	null	Mm.11503
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0	0	AU019171	TC163242	hepatic alpha-tocopherol trans	Mm.24375
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5533	9603	AU019046	TC176142	null	Mm.26151
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8596	6558	AU018909	TC176402	rck	Mm.35848
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57284	73496	AU020528	TC188216	methyltransferase	Mm.28566
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10410	13811	AU016009	TC176200	null	Mm.27651
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14178	9443	AU020984	TC190217	null	Mm.25168
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17762	21575	AU020338	TC161613	null	Mm.28904
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23583	20319	AU020872	null	null	Mm.36448
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32344	39444	AU020627	TC157779	N-ras protein (AA 1-193)	Mm.734
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20326	27066	AU014772	TC160074	casein kinase I-alpha	Mm.43737
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46740	40284	AU014908	TC201450	23kDa synaptosomal associated	Mm.30197
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37137	49341	AU016000	TC160915	eRF1	Mm.3845
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0	0	AU040108	null	null
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0	0	AU040342	null	null
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675360	452826	AU040531	TC204027	null	Mm.18111
42445	40986	AU040608	TC177318	null	Mm.4052
27319	21254	AU040400	null	null	null
0	0	AU040470	TC161441	null	Mm.3289
0	0	AU040541	TC175025	null	Mm.18876
47668	65612	AU040628	null	null	null
15256	23244	AU043374	TC186481	Stat3B	Mm.3948
12276	15873	AU043452	null	null	null
0	0	AU043576	null	null	null
0	0	AU043733	null	null	null
17993	14659	AU043394	null	null	null
14016	17680	AU043481	TC201568	null	Mm.22538
14996	19590	AU043615	TC176408	null	Mm.18790
39221	46307	AU043784	TC202584	null	Mm.36683
0	0	AU044725	null	null	null
30984	42516	AU044835	TC186446	protein phosphatase 1cgamma	Mm.7793
0	0	AU044932	null	null	Mm.26882
0	0	AU045012	null	null	null
8831	8651	AU044752	TC200412	NIX	Mm.29820
0	0	AU044855	null	null	null
0	0	AU044950	null	null	null
0	0	AU045044	TC177376	elafin-like protein I	Mm.10859
0	0	AU041583	null	null	Mm.36596
27458	63376	AU041670	null	null	null
99357	257164	AU041737	null	null	null
0	0	AU041819	TC157775	null	Mm.28770
32261	35786	AU041611	TC200732	null	Mm.28426
5832	7481	AU041693	TC176913	null	Mm.19172
15114	29888	AU041754	null	null	null
0	0	AU041848	TC179743	null	Mm.17626
0	0	AU042859	TC176162	null	Mm.27110
9265	6767	AU042938	TC194658	null	Mm.17704
28760	19383	AU043000	null	null	null
66432	54663	AU043075	TC204755	null	Mm.17711
0	0	AU042876	TC175606	cyclin-dependent kinase 5	Mm.4818
19859	28561	AU042952	TC162839	null	Mm.29242
33568	67565	AU043012	TC190377	null	Mm.28640
81897	71074	AU043086	null	null	Mm.90115
0	0	AU045113	null	null	null
83230	96648	AU045238	TC173077	PW29	Mm.100115
72110	113917	AU045350	TC186556	null	Mm.29057
0	0	AU045475	TC160702	null	Mm.22314
37748	42486	AU045159	TC201222	null	Mm.18739
20207	18816	AU045254	TC159940	H-FABP (AA 1-133)	Mm.22220
15617	15696	AU045381	TC160100	null	Mm.27707
24100	26636	AU045494	null	null	null
0	0	AU041899	TC206229	null	Mm.36180
13701	19594	AU041979	TC166341	null	Mm.38015
77353	87330	null	null	null	null

26246	21896	AU042121	TC160946	null	Mm.27322
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40815	56183	AU042065	null	null	null
31044	57737	AU042133	TC200544	null	Mm.22024
66250	74943	AW545938	TC158325	SAP18	Mm.35851
21961	27156	AW545987	TC175398	null	Mm.41420
92131	72859	AW546142	TC171354	null	Mm.102804
163655	72399	AW546196	null	null	Mm.89843
156233	126690	AW545953	TC159726	null	Mm.7500
17330	23892	AW546067	TC201420	MAP kinase phosphatase 6; MKP6	Mm.27978
150511	136813	AW546153	TC188260	null	Mm.21977
19091	24737	AW546227	null	null	null
7422	14926	AU044733	TC189072	null	Mm.18452
18131	19904	AU044842	TC176991	null	Mm.21577
16365	23214	AU044936	TC160594	guanylate kinase	Mm.3624
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11372	12541	AU044755	null	null	null
0	0	AU044857	null	null	Mm.35830
26302	37789	AU044951	null	null	null
14704	11375	AU045048	TC170262	null	Mm.26884
0	0	AU041585	TC210807	null	null
121312	74097	AU041673	TC160313	null	Mm.730
16869	34015	AU041740	TC200167	fibromodulin	Mm.41573
53034	68628	AU041614	TC163901	null	Mm.5409
14439	21453	AU041696	null	null	null
54079	65268	AU041756	TC176211	null	Mm.17621
52682	53978	AU041850	TC174189	null	Mm.29750
25635	51368	AU042862	TC175667	KIF3 protein	Mm.4635
0	0	AU042946	null	null	null
13907	13947	AU043001	null	null	Mm.17707
149228	76118	AU043077	TC161233	null	Mm.1554
7086	7302	AU042878	TC174382	TBPIP	Mm.18344
19668	20160	AU042956	null	null	null
23310	32249	AU043013	null	null	null
8809	9440	AU043087	null	null	null
0	0	AU045116	null	null	Mm.103806
8108	10222	AU045239	TC161013	null	Mm.9348
3617	5147	AU045352	null	null	null
61576	94045	AU045477	TC200113	null	Mm.21690
62258	108037	AU045161	TC160372	null	Mm.28866
18272	23551	AU045257	null	null	null
11723	9704	AU045383	TC202458	Dgcr6 protein	Mm.27155
0	0	AU045495	TC164632	null	Mm.24668
7358	3939	AU041901	null	null	null
0	0	AU041981	null	null	Mm.17634
0	0	AU042047	null	null	null
9320	17559	AU042122	TC174939	SETA	Mm.86432
52919	73054	AU041934	TC174911	null	Mm.27133
14654	24025	AU042001	null	null	Mm.35051
154592	130886	AU042069	TC201243	TF-1 cell apoptosis related pr	Mm.28441

11450	9173 AU042134	TC202656	null	Mm.29941
113850	245158 AW545939	TC199976	ribosomal protein S12 (AA 1 -	Mm.43452
32363	70498 AW545988	TC160498	null	Mm.24106
28678	29193 AW546145	TC203821	null	Mm.103318
118256	97338 AW546201	null	null	null
72083	85446 AW545954	TC191829	null	Mm.89892
93778	141359 AW546071	TC173656	null	Mm.28571
494690	940765 AW546154	TC159569	ribosomal protein L3	Mm.3486
854236	959296 AW546231	null	null	null
48767	88570 AU044738	TC173544	somatic histone binding protei	Mm.7516
0	0 AU044846	null	null	null
43832	52963 AU044938	TC187914	magnesium dependent protein ph	Mm.28918
77770	145490 AU045027	TC162935	null	Mm.28254
26821	31093 AU044759	TC206663	null	Mm.17817
13690	23864 AU044860	TC186400	null	Mm.17872
10146	16058 AU044952	TC204001	null	Mm.26883
15000	9415 AU045050	TC209912	null	Mm.37398
82146	84985 AU041598	TC158215	MHC class I heavy chain precur	Mm.16771
12761	15354 AU041678	null	null	null
159963	174587 AU041748	null	null	null
21406	22084 AU041842	null	null	null
38019	56303 AU041615	TC201063	house-keeping protein	Mm.103
30922	28793 AU041699	TC162749	null	Mm.28309
13168	11053 AU041758	TC163734	null	null
7737	5033 AU041851	TC190671	null	Mm.31215
22848	27074 null	null	null	null
36596	48458 AU042947	TC162299	null	Mm.28995
11625	10305 AU043004	null	null	null
36240	32482 AU043079	null	null	null
0	0 AU042879	null	null	Mm.42604
25334	31112 AU042958	TC203564	null	Mm.17706
37162	47031 AU043017	TC173855	null	Mm.29640
17775	10994 AU043096	null	null	null
12840	26772 AU045125	TC202676	null	Mm.24141
17844	24208 AU045245	null	null	Mm.29067
180485	606515 AU045358	TC162730	null	Mm.17853
0	0 AU045482	null	null	null
33197	41893 AU045163	TC189389	null	Mm.21978
14429	16565 AU045258	TC175884	null	Mm.981
18318	12340 AU045392	null	null	null
7008	7558 AU045499	null	null	null
45303	64786 AU041906	TC160603	null	Mm.26991
24709	12460 AU041989	null	null	null
40056	36898 AU042052	TC157861	null	Mm.26457
9849	13984 AU042124	null	null	Mm.104620
0	0 AU041935	null	null	null
1072	17587 AU042002	TC178651	null	Mm.17636
42752	38342 AU042072	TC176550	null	Mm.28698
0	0 AU042135	TC189698	null	Mm.86651
52068	84806 AW545940	TC160049	TIF1 beta protein	Mm.15701
138928	146401 AW545990	TC187474	PxF protein	Mm.29198

48482	59084	AW546147	TC200672	Mdes protein	Mm.29648
0	0	AW546206	null	null	null
8863	9486	AW545961	TC202346	null	Mm.28168
2383	5189	AW546075	null	null	null
412307	753773	AW546154	TC159569	ribosomal protein L3	Mm.3486
0	0	AW546233	TC192229	null	Mm.38865
3969	3934	AU044742	null	null	null
0	0	AU044848	TC188801	mitotic checkpoint protein kin	Mm.29133
21472	28100	AU044942	TC162238	null	Mm.41540
3790	5070	AU045030	TC197560	null	Mm.17829
18683	28860	AU044761	null	null	Mm.42537
0	0	AU044861	null	null	null
0	0	AU044953	TC162621	null	Mm.18898
0	0	AU045051	null	null	null
22944	35915	AU041600	TC188008	mORC2L	Mm.3411
22666	28750	AU041682	TC201050	null	Mm.24300
0	0	AU041749	TC177041	null	Mm.32392
12136	13994	AU041844	null	null	Mm.17690
44433	47069	AU041620	TC158493	null	Mm.104412
16803	15651	AU041702	TC192011	null	Mm.17639
1918325	1676286	AU041764	TC186864	null	Mm.28976
78467	64479	AU041853	TC186457	histone H2a.1-F	Mm.22676
7382	15209	AU042865	null	null	Mm.17698
33712	19643	AU042949	null	null	null
432330	316525	AU043006	null	null	Mm.17708
12160	9656	AU043080	null	null	null
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38673	37628	AU042959	TC200545	null	Mm.88078
10949	11787	AU043018	TC162551	null	Mm.104297
6265	8285	AU043103	null	null	Mm.35130
9964	6373	AU045135	null	null	Mm.17746
8105	7819	AU045246	null	null	null
14728	23232	AU045362	TC201204	cyclin B2	Mm.22592
23316	26450	AU045483	TC160678	null	Mm.92529
28976	24769	AU045167	null	null	null
102668	64985	AU045261	TC161956	null	Mm.28628
54690	49098	AU045395	null	null	Mm.103859
9256	13592	AU045512	null	null	null
20195	21310	AU041915	null	null	null
295027	307530	AU041991	TC159796	calmodulin	Mm.2648
11513	8154	AU042053	null	null	Mm.24998
11634	13734	AU042125	TC164063	adenylyl cyclase type 9	Mm.4294
108439	127684	AU041939	TC158166	TBX1 protein	Mm.21119
37764	49032	AU042003	null	null	null
139238	197336	AU042074	TC160176	null	Mm.253
14047	19844	AU042149	TC162946	null	Mm.25642
24337	18835	AW545941	null	null	Mm.104504
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165771	223901	AW546148	TC199895	null	Mm.14796
8959	5233	AW546209	TC158438	FLI-LRR associated protein-1	Mm.10272
17928	20882	AW545966	TC205456	null	Mm.41744

87925	143493	AW546078	TC186419	null	Mm.14245
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91333	168499	AW546241	TC173073	16S ribosomal protein	Mm.702
15727	18063	AU044744	TC158491	null	Mm.44861
102978	70189	AU044849	TC202323	null	Mm.28301
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50401	49001	AU045034	TC201737	null	Mm.43737
13881	17208	AU044764	null	null	null
0	0	AU044873	TC159119	regulator of G-protein signali	Mm.44606
4034	6995	AU044961	null	null	null
22651	25726	AU045059	null	null	null
73568	60718	AU041608	TC201463	null	Mm.34812
89610	387196	AU041685	TC158257	null	Mm.27846
270507	232906	AU041750	TC203075	null	Mm.24514
23474	24043	AU041845	null	null	null
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24173	21049	AU041704	null	null	null
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31779	34655	null	null	null	null
16400	21442	AU042950	TC196280	null	Mm.10853
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67968	61402	AU043081	TC174149	null	Mm.32572
42845	60240	AU042886	null	null	null
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46209	64596	AU043022	null	null	Mm.17709
183491	329529	AW546008	TC199957	TIS	Mm.27927
22678	27850	AU045146	null	null	null
42528	33257	AU045249	TC160513	null	Mm.103858
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32901	35760	AU045168	TC163025	null	Mm.21297
21267	24115	AU045271	null	null	null
137417	100839	AU045397	null	null	null
24787	12731	AU045523	null	null	Mm.17857
178712	232140	AU041928	TC200741	signal recognition particle su	Mm.89927
28429	90206	AU041995	null	null	null
77253	61325	AU042057	TC166815	null	null
12677	13757	AU042129	TC191968	null	Mm.83644
12192	11716	AU041942	null	null	null
60338	76776	AU042007	TC170249	null	null
28378	25665	AU042077	null	null	null
36554	46872	AU042150	TC200652	null	Mm.12267
41078	53571	AW545947	TC160233	null	Mm.33981
25836	30957	AW546005	TC197057	null	Mm.76650
191602	181029	AW546149	TC202398	null	Mm.39751
11494	12820	AW546220	TC188976	unnamed protein product	Mm.41634
205305	360875	AW545968	null	null	Mm.16820
21119	27020	AW546079	TC160044	null	Mm.28603
571532	1041168	AW546154	TC159569	ribosomal protein L3	Mm.3486
105069	179750	AW546241	TC173073	16S ribosomal protein	Mm.702

33828	33427	AU044745	TC177184	null	Mm.17815
64279	100352	AU044850	TC206611	null	Mm.17882
219736	261689	AU044944	TC187395	Rab 11	Mm.1387
69003	64077	AU045038	TC162040	NAKAP95	Mm.9590
29960	44326	AU044766	null	null	null
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47959	125875	AU045060	null	null	Mm.14438
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57228	67425	AU041690	null	null	null
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35971	23017	AU041847	null	null	null
11631	11279	AU041623	TC158557	null	Mm.23881
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11105	11988	AU041767	TC164118	null	Mm.18620
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17938	20326	AU042951	null	null	Mm.17705
10526	13340	AU043011	null	null	null
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162681	300161	AU045152	TC158161	Nedd-4	Mm.16553
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67128	65425	AU045489	TC158969	Nbr1	Mm.784
25830	25304	AU045171	TC202566	null	Mm.29245
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21770	24110	AU045524	TC173225	null	Mm.27615
17977	7640	AU041929	null	null	null
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9484	11657	AU042078	TC159446	amyloid precursor-like protein	Mm.19133
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232812	347613	AW546150	TC200141	CCT (chaperonin containing TCP	Mm.3670
19339	16631	AW546222	TC173331	null	Mm.27567
304723	518021	AW545968	null	null	Mm.16820
64359	74494	AW546080	TC163103	null	Mm.28658
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19598	19442	AW546244	TC201416	null	Mm.29711
0	0	AW546936	TC176210	null	Mm.41477
49477	85064	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
16791	43472	AW547113	TC203347	null	Mm.46501
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438024	288611	AW547143	TC175712	null	Mm.45106
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113584	85518	AW548483	null	null	Mm.102865
0	0	AW548568	TC200658	chromaffin granule ATPase II h	Mm.52254
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605774	894140	AW550123	TC185479	null	Mm.102915
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88576	111550	AW550036	TC176132	null	Mm.26771
66682	114547	AW550157	TC186884	null	Mm.42855
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32279	51318	AW547467	TC174508	null	Mm.18834
29712	36945	AW547581	TC191775	null	Mm.34175
32307	46150	AW548837	TC158952	null	Mm.34796
20378	31798	AW548911	TC160686	MEK Kinase 3	Mm.27041
26983	34335	AW549078	TC174649	null	Mm.39985
9549	9749	AW549001	TC162044	prion-like protein	Mm.32297
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40310	45007	AW548928	TC203986	null	Mm.31223
62299	83275	AW549106	TC174075	null	Mm.23889
2061968	2045317	null	null	null	null
116213	173216	AW550294	null	null	null
23901	27967	AW550353	TC170821	null	Mm.102925
21453	26872	null	null	null	null
26576	26358	AW550578	TC158971	null	Mm.8688
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42020	76046	AW550401	TC202316	null	Mm.27773
47499	55339	AW550514	TC189514	null	Mm.37976
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33443	45657	AW547114	TC161181	null	Mm.41935
0	0	null	null	null	null
139365	277449	AW546965	TC187042	ATPase inhibitor	Mm.2171
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8420	11988	AW547144	null	null	Mm.102828
0	0	AW547228	null	null	null

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8099	14453	AW548687	TC175185	YL-1 protein	Mm.2140
709276	1338907	AW548764	null	null	null
288378	211984	AW548506	null	null	null
17002	26254	AW548605	TC162067	null	Mm.18268
41376	46248	AW548708	TC200683	cyclin G1	Mm.2103
13343	15064	AW548782	null	null	null
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56175	73952	AW550023	TC177155	null	Mm.11768
114274	170499	AW550134	TC203712	null	Mm.24309
76351	107530	AW550236	TC188406	null	Mm.24543
282877	511863	AW549945	null	null	null
219942	271555	AW550037	TC200678	vacuolar sorting protein VPS29	Mm.28356
146201	245794	AW550161	TC174644	cerebellar leucine rich acidic	Mm.22717
14500	10470	AW550262	TC200442	GAPIII	Mm.18517
0	0	AW547278	TC188507	null	Mm.27571
10303	14588	AW547349	TC176481	null	Mm.24823
0	0	AW547448	null	null	null
12336	19532	AW547569	TC162073	null	Mm.44604
90335	92608	AW547292	TC200402	null	Mm.22354
6971	16719	null	null	null	null
0	0	AW547468	null	null	null
24252	28325	AW547583	null	null	null
5012	7533	AW548842	TC177461	homeobox protein PSX	Mm.10105
23481	35671	AW548914	null	null	Mm.1574
74631	469612	AW549081	TC201551	null	Mm.32553
18926	20592	AW549002	null	null	null
54432	61004	AW548860	TC174327	null	Mm.46380
46667	52961	AW548934	TC159232	null	Mm.104611
43191	53441	AW549107	null	null	Mm.27948
4345	9909	AW550295	TC200994	CIRP	Mm.17898
5677	8472	AW550359	TC174084	ferrochelatase	Mm.1070
48875	61754	AW550498	TC174765	null	Mm.1521
71809	83936	AW550586	TC173769	null	Mm.25228
19297	27824	AW550321	TC178833	null	Mm.38094
119397	159332	AW550409	TC162943	null	Mm.45774
120308	233163	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
190607	277231	AW550624	TC157209	TI-225	Mm.331
48718	70908	AW546943	null	null	Mm.29629
370865	677561	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
25544	42016	AW547118	TC163715	retinoic acid-responsive prote	Mm.10801
27938	37312	AW547208	TC164865	null	Mm.89820
72025	90299	AW546978	TC159051	ubiquitin fusion-degradation 1	Mm.1830
33486	51554	AW547060	TC203445	null	Mm.5360
17844	22460	AW547147	TC201708	epsilon-sarcoglycan	Mm.8739
15603	29398	AW547231	TC191714	null	Mm.100800
14502	14239	AW548496	TC157361	null	Mm.102866
333763	521504	AW548573	null	null	null
73716	79617	AW548688	TC204646	null	Mm.20292
72090	192960	AW548767	null	null	null

129907	212279	AW548509	TC161718	cytochrome B561	Mm.18942
30982	52066	AW548610	TC202589	null	Mm.20387
1238598	1186026	AW548709	TC187140	null	Mm.1706
19951	16672	AW548783	TC173291	elav-type RNA-binding protein	Mm.27880
24640	30785	AW549934	TC205961	null	Mm.31073
99044	74581	AW550024	TC159923	small EDRK-rich factor 2	Mm.1106
1071414	1868774	AW550140	null	null	null
9395	11423	AW550240	null	null	null
475784	489226	AW549950	TC186551	aldehyde dehydrogenase	Mm.4210
103918	171157	AW550042	TC200110	snapin	Mm.28793
24321	33059	AW550163	null	null	Mm.102916
15014	16004	AW550263	null	null	null
10918	9411	AW547281	TC202616	null	Mm.7024
26607	31032	AW547357	TC188491	Rad51 protein	Mm.231
36526	38232	AW547460	TC203831	null	Mm.52252
11774	18248	AW547573	TC203941	null	Mm.74366
49070	63716	AW547293	TC162163	tsg24	Mm.3989
52309	62641	AW547374	TC163462	null	Mm.23286
333370	447327	AW547469	TC159770	14-3-3 epsilon	Mm.42972
7576	9985	AW547589	TC170855	null	null
128709	242661	AW548843	TC158271	ribosomal protein S26	Mm.372
183866	288661	AW548915	TC158451	null	Mm.21963
31819	35533	AW549085	TC163109	null	Mm.35564
39237	61303	AW549010	TC177062	activated leukocyte cell adhes	Mm.2877
0	0	AW548864	TC197699	null	Mm.102880
628623	1151104	AW548936	TC186429	ribosomal protein S4	Mm.66
915471	904065	AW549108	null	null	null
110134	110532	AW550296	TC160393	SRP 54K subunit (AA 1-504)	Mm.12848
399998	277920	AW550368	null	null	null
39778	84576	AW550503	null	null	null
29280	40456	AW550594	TC161334	null	Mm.30157
104728	157839	AW550326	null	null	Mm.15571
23604	26662	AW550414	TC158495	null	Mm.34961
135751	238929	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
283688	381999	AW550624	TC157209	TI-225	Mm.331
21222	13768	AW546949	TC162598	null	Mm.32395
118030	212439	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
21406	21583	AW547124	TC188928	tuftelin-interacting protein 3	Mm.20933
27745	25405	AW547213	TC203078	null	Mm.11778
73061	75483	AW546981	TC158957	null	Mm.17224
37748	48660	AW547061	TC164113	null	Mm.27090
16037	24126	AW547148	TC176616	null	Mm.28639
429239	316502	AW547236	null	null	null
668592	743115	AW548498	null	null	null
0	0	AW548579	null	null	null
34055	40066	AW548691	TC188053	null	Mm.62186
18686	46548	AW548769	TC175007	null	Mm.27944
38304	29910	AW548515	TC177784	null	Mm.100607
9017	12162	AW548614	null	null	Mm.102871
1432109	1225734	AW548714	null	null	null
56617	56590	AW548789	TC188428	null	Mm.29556

446531	563677	AW549936	TC160778	null	Mm.34536
220473	199454	AW550025	null	null	null
93278	124712	AW550141	TC161632	null	Mm.8233
28115	32929	AW550241	TC188835	null	Mm.29783
11327	13017	AW549955	TC177339	null	Mm.36824
23547	29369	AW550049	TC188883	null	Mm.21795
63586	365571	AW550167	null	null	Mm.102917
10718	13144	AW550264	null	null	null
52225	36874	AW547284	TC159108	null	Mm.24883
10120	8317	AW547358	TC163725	null	Mm.25390
186394	147368	AW547462	TC204129	null	Mm.35097
24418	26535	AW547574	TC178073	null	Mm.30613
16193	16390	AW547297	TC163726	null	Mm.40719
34176	38754	AW547379	TC201630	null	Mm.28242
485279	435407	AW547474	null	null	null
25211	129603	AW547590	TC201238	ets-related transcription fact	Mm.22874
50513	46837	null	null	null	null
90164	144032	AW548916	TC187232	null	Mm.21693
23065	22471	AW549090	TC162980	null	Mm.34412
209346	216874	AW549013	null	null	null
21633	16425	AW548868	TC185048	null	Mm.102881
1030730	1770631	AW548936	TC186429	ribosomal protein S4	Mm.66
2661230	2317764	AW549112	null	null	null
567810	519372	null	null	null	null
201917	273623	AW550297	TC200131	cofilin	Mm.4024
21037	20478	AW550378	null	null	Mm.102926
208606	371226	AW550508	TC199898	microsomal glutathione S-trans	Mm.14796
13297	12007	AW550606	TC204165	null	Mm.27149
11076	13200	AW550327	TC174675	neurotrophin receptor interact	Mm.26926
45549	61003	AW550521	TC188830	peroxisome membrane protein	Mm.21853
218550	317849	AW550625	TC173058	alpha-1 type-III collagen prec	Mm.1543
18220	24571	AW546959	TC204509	null	Mm.64914
173592	230350	AW547052	TC160362	null	Mm.391
89388	108320	AW547136	TC173589	null	Mm.26598
25182	24014	null	null	null	null
58506	64821	AW547149	TC186839	null	Mm.20348
44785	50884	AW547238	null	null	null
13113	11094	AW548502	TC197706	null	Mm.102867
191770	256672	AW548581	TC191302	null	Mm.40196
30014	52121	AW548695	TC164579	null	Mm.24820
55444	71270	AW548776	TC202772	null	Mm.39036
107139	93180	AW548520	TC158917	Ly-3 precursor protein	Mm.21764
239909	525241	AW548616	TC158256	null	Mm.14747
28375	38502	AW548716	TC169700	null	null
17424	25699	AW548794	TC189017	null	Mm.46019
115533	162010	AW549937	TC188898	transcriptional regulator homo	Mm.19806
53606	53368	AW550027	TC202854	null	Mm.30047
915128	1039350	AW550148	TC160014	hepatocyte growth factor activ	Mm.26835
29084	34681	AW550250	TC162127	null	Mm.23595
33751	35180	AW549972	null	null	null
118102	191206	AW550050	null	null	null

16143	11587	AW550175	null	null	Mm.102918
17767	41114	AW550265	TC160517	chloride channel CLC-2	Mm.40955
72734	89534	AW547285	TC186531	null	Mm.2395
108842	154430	AW547363	TC173311	flavin-containing monooxygenas	Mm.1668
18753	18909	AW547463	TC157904	myotubularin homologous protei	Mm.20844
32263	34954	AW547576	null	null	Mm.38869
58097	82752	AW547298	TC200284	null	Mm.29868
171668	135283	AW547382	TC173394	cytochrome c oxidase subunit V	Mm.2151
27547	25811	AW547479	TC187611	null	Mm.29372
118430	150398	AW547591	TC174821	null	Mm.28449
340197	108865	AW548849	TC174122	Apolipoprotein C2	Mm.28394
168213	222903	AW548920	TC174999	null	Mm.34786
223831	206396	AW549093	null	null	null
360025	250124	null	null	null	null
22773	23446	AW548879	TC160795	fibulin-2	Mm.6120
321793	510105	AW548939	TC187087	Murine homolog of human ftp-3	Mm.14838
162739	153181	AW549113	TC201888	null	Mm.38886
86914	93226	AW549020	TC200451	null	Mm.10586
370672	433184	AW550306	null	null	null
62246	78764	AW550391	TC174061	multiubiquitin-chain-binding p	Mm.2261
13215	13264	AW550509	null	null	null
40314	39040	AW550609	TC163155	channel interacting PDZ domain	Mm.29127
0	0	AW550328	null	null	Mm.87156
52476	58067	AW550425	TC186420	mitotic checkpoint protein iso	Mm.27250
21464	21167	AW550523	TC161876	null	Mm.40004
0	0	AW550627	TC162143	drebrin E2	Mm.19016
31128	33712	AW546960	null	null	Mm.102823
201718	311067	AW547055	TC174191	null	Mm.34385
83558	82027	AW547140	TC159107	null	Mm.34951
779578	752733	AW547223	null	null	null
59721	58290	AW546988	null	null	null
132727	200429	AW547151	TC173757	SYNCRIP	Mm.27972
24903	28540	AW547239	TC186864	null	Mm.28976
60742	87791	AW548503	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
91128	110237	AW548592	TC177039	null	Mm.44849
23007	26300	AW548698	TC202707	null	Mm.87499
82482	121040	AW548777	TC160949	null	Mm.29873
14373	15594	AW548525	TC201885	Sir2alpha protein	Mm.12604
0	0	AW548628	TC174100	oxysterol-binding protein	Mm.18502
0	0	AW548720	null	null	null
72743	207098	AW548796	TC168437	null	Mm.25981
114670	155002	AW549941	TC174468	null	Mm.7361
43536	36200	AW550030	null	null	null
65719	73899	AW550149	null	null	null
29335	41134	null	null	null	null
294395	286793	AW549974	null	null	null
27431	26195	AW550051	null	null	Mm.102912
170539	155052	null	null	null	null
19893	28317	AW550268	TC176958	integrin beta-7 subunit	Mm.58
15038	15274	AW547286	TC173801	null	Mm.35616
180607	205518	AW547365	TC161247	null	Mm.41173

22599	18411	AW547464	TC163081	null	Mm.32022
0	0	AW547579	TC211360	null	null
29575	30182	AW547301	TC187511	unnamed protein product	Mm.17035
153430	193727	AW547390	TC200895	null	Mm.31353
8452	9343	AW547593	TC205006	null	Mm.45191
50623	47024	AW548852	TC203687	null	Mm.19324
0	0	AW548925	TC159797	null	Mm.29493
0	0	AW549102	TC176137	null	Mm.23965
9789	11275	AW549019	TC179927	null	Mm.34545
0	0	AW548881	TC204945	null	Mm.87260
45174	46665	AW548942	TC159920	null	Mm.22225
73151	89705	AW549114	TC186801	cytoplasmic dynein intermediat	Mm.6441
13572	16665	AW549130	TC180524	null	null
11322	15898	AW550308	null	null	Mm.16820
68125	75368	AW550394	TC189625	null	Mm.38853
208860	197262	AW550513	TC158355	null	Mm.30043
99824	136824	AW550610	TC159537	ribosomal protein S3	Mm.4696
29005	27970	AW550329	TC202322	null	Mm.28523
47948	43371	null	null	null	null
34321	168874	AW550525	null	null	null
125610	121341	null	null	null	null
156767	174679	AW551478	TC190197	null	Mm.38166
45334	58283	AW551683	TC186619	Sm-B protein	Mm.88216
28258	18869	AW551609	null	null	null
19370	21964	AW551674	null	null	null
176625	305140	AW551507	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
17802	23765	AW551696	TC186527	null	Mm.41736
19401	14765	AW551633	TC189704	null	Mm.41060
6644	13692	AW551740	TC177281	null	Mm.62101
15696	21739	AW552427	TC200202	NIPI-like protein	Mm.22776
0	0	AW552471	TC164296	null	Mm.100828
0	0	AW552351	TC211220	null	Mm.103001
28660	31449	AW552502	TC187033	null	Mm.30016
0	0	AW552439	TC175295	null	Mm.38795
0	0	null	null	null	null
5058	8306	AW552359	TC174225	null	Mm.26775
0	0	AW552513	null	null	null
0	0	AW553319	TC161903	null	Mm.28686
162738	176162	AW553363	TC157635	overexpressed in testicular tu	Mm.4962
14254	12293	AW553417	TC202147	energy-dependent regulator of	Mm.30088
23965	29723	AW553462	TC188405	null	Mm.46706
18049	15722	AW553328	TC162581	null	Mm.29723
42906	66723	AW553377	TC160904	null	Mm.29921
25452	30866	AW553432	TC200294	null	Mm.9945
0	0	AW553471	TC203284	NK-type homeobox	Mm.21265
100743	123879	AW551789	null	null	null
0	0	AW551830	TC187544	null	Mm.14064
13804	16487	AW551875	null	null	Mm.23809
64344	88985	AW551923	TC194130	null	Mm.102978
96236	137308	AW551801	TC175120	null	Mm.33007
60898	74813	AW551841	TC174011	null	Mm.29041

204096	341925	AW551889	TC186609	Rnf4	Mm.21281
167728	188886	AW551931	TC158446	null	Mm.34546
419051	374959	AW552561	TC160371	null	Mm.28866
0	0	AW552635	TC161684	null	Mm.12184
27855	45226	AW552678	TC163233	null	Mm.55211
316974	355390	AW552733	TC200501	initiation factor 2-associated	Mm.19170
18234	22392	AW552575	TC202722	SMCX	Mm.19790
319848	404183	AW552645	TC160460	null	Mm.24272
51922	51351	AW552689	TC157487	null	null
60816	82489	AW552744	TC160828	tumor susceptibility protein T	Mm.22688
57537	73125	AW553512	TC187820	null	Mm.36713
205372	232790	AW553565	TC175453	null	Mm.19804
32847	34562	AW553605	TC202996	null	Mm.41033
14069	20396	AW553655	TC163579	null	Mm.41395
574312	1577778	AW553526	TC159460	nucleolar protein	Mm.6343
56041	73641	AW553575	TC164173	null	Mm.28854
37388	49108	AW553616	TC174529	null	Mm.28299
0	0	AW553674	null	null	null
42362	50842	AW551484	null	null	null
31165	32497	AW551688	TC192014	null	Mm.31795
74725	73382	AW551611	null	null	null
123965	297956	AW551726	TC160459	WW domain binding protein 5; W	Mm.512
29206	30404	null	null	null	null
15120	16601	AW551701	TC176648	null	Mm.26530
0	0	AW551634	TC176895	null	Mm.3926
69045	249239	null	null	null	null
0	0	AW552428	TC163208	null	Mm.28865
83919	78082	AW552477	TC174140	non-receptor protein tyrosine	Mm.1483
9136	16644	AW552354	TC199932	null	Mm.34854
42833	42143	AW552503	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
0	0	AW552440	null	null	null
25144	34718	AW552312	null	null	null
14503	13211	AW552360	null	null	Mm.103002
14910	22879	AW552518	TC201895	primase small subunit	Mm.2903
216163	405515	AW553320	TC158281	ribosomal protein L35a	Mm.19355
104875	233708	AW553366	TC160783	null	Mm.486
21754	27983	AW553420	TC162733	null	Mm.35655
12366	13718	AW553463	TC190035	null	Mm.82923
15755	19548	AW553329	TC180315	null	Mm.103347
10114	6540	AW553380	TC160041	null	Mm.44123
18402	13731	AW553434	TC201402	kinesin motor protein KIFC3	Mm.22513
0	0	AW553474	TC175097	Trf-proximal protein	Mm.25072
26779	24670	AW551791	null	null	null
362823	492984	AW551831	null	null	Mm.77432
64355	62502	AW551880	TC188292	null	Mm.2937
97249	108088	AW551926	TC187446	null	Mm.27367
0	0	AW551802	TC204297	null	Mm.17649
231016	286083	AW551843	TC173472	null	Mm.23836
42753	77787	AW551890	TC188720	null	Mm.20415
300124	329445	AW551933	TC188218	null	Mm.23607
51751	51481	AW552564	TC192109	null	Mm.26260

100615	48332	AW552636	TC209248	null	null
35769	40164	AW552679	TC200499	null	Mm.9559
8802	9597	null	null	null	null
32022	53254	AW552578	TC200160	null	Mm.26956
10961	10547	AW552646	TC202079	null	Mm.10281
31662	42550	AW552690	TC161998	null	Mm.27628
0	0	AW552746	TC173754	Dazh	Mm.29781
137243	212667	AW553519	TC174066	null	Mm.22117
41549	77004	AW553566	TC187897	null	Mm.32247
15289	19518	AW553606	TC189163	null	Mm.34669
30686	40654	AW553662	null	null	null
722952	1866718	AW553526	TC159460	nucleolar protein	Mm.6343
44708	44867	AW553576	TC161904	null	Mm.23951
20712	20766	AW553617	TC173259	Lutheran glycoprotein	Mm.29236
45760	55617	AW553679	null	null	null
78451	139781	AW551486	TC201439	null	Mm.28515
107597	165759	AW551689	TC157762	biglycan	Mm.2608
23150	23419	AW551612	null	null	null
226192	402781	AW551730	TC186575	null	Mm.29919
0	0	AW551517	null	null	null
26726	31194	AW551702	TC165152	null	Mm.102957
30856	44247	AW551635	TC164013	null	Mm.102643
37643	92856	AW551743	TC157446	null	Mm.104415
14787	21751	AW552430	TC187776	null	Mm.31879
36396	32321	AW552478	TC201424	null	Mm.41856
16669	23536	AW552355	null	null	null
18454	16598	AW552504	TC186794	null	Mm.27357
4239	15363	null	null	null	null
4520	8146	AW552313	TC161308	null	Mm.102451
16002	13868	AW552361	TC190732	null	Mm.18922
39307	48786	AW552524	TC202008	null	Mm.28195
22008	21611	null	null	null	null
17267	21776	AW553368	null	null	null
61307	74204	AW553423	null	null	null
7486	10775	null	null	null	null
11021	11553	AW553331	null	null	null
42602	94535	AW553381	TC159073	null	Mm.41419
43593	77180	AW553435	TC200944	null	Mm.29999
71949	117685	AW553478	TC157856	null	Mm.29665
115486	121075	AW551796	TC174365	null	Mm.30041
75346	100574	AW551833	TC187268	null	Mm.31076
72847	83709	AW551882	null	null	Mm.16773
30964	43181	AW551927	TC174324	UbcM4 interacting protein 48;	Mm.28409
179132	189139	AW551807	null	null	null
149396	218010	AW551845	TC158398	serine/threonine kinase	Mm.8901
20087	24443	AW551891	null	null	Mm.102974
23618	30078	AW551934	null	null	null
17852	23070	AW552566	TC204028	null	Mm.27047
327151	582400	AW552638	TC158309	dbpA murine homologue	Mm.29794
106007	125609	AW552680	TC173845	null	Mm.28647
52748	67438	AW552735	TC162777	zinc finger protein 96	Mm.24124

37308	40467	AW552579	TC204784	null	Mm.45771
358662	307070	AW552647	TC175172	null	Mm.38976
78091	91994	AW552691	TC160872	kinesin motor protein KIF22	Mm.29381
36528	44340	AW552752	TC163139	null	Mm.7070
52253	76809	AW553520	TC207614	null	Mm.103055
165971	219531	AW553568	null	null	Mm.7277
26524	36168	AW553607	null	null	null
62853	95462	AW553663	TC191816	null	Mm.26316
98241	94326	AW553527	TC201282	branched chain alpha ketoacid	Mm.25848
18383	19147	AW553579	TC158607	null	Mm.104511
4157	6266	AW553622	null	null	Mm.103058
22895	37038	null	null	null	null
48321	93460	AW551495	null	null	Mm.4071
0	0	AW551690	TC164120	histidine-rich calcium-binding	Mm.39968
0	0	AW551617	TC190964	null	Mm.41333
39454	51962	AW551732	TC194125	null	Mm.102965
7665	5077	null	null	null	null
0	0	null	null	null	null
0	0	AW551639	null	null	Mm.102963
46800	59852	AW551749	null	null	null
68925	43775	AW552431	TC159453	sterol-carrier protein X	Mm.1779
6334	6576	null	null	null	null
5252	5962	AW552356	TC176178	null	Mm.11331
21528	29006	AW552505	TC175922	null	Mm.30515
98755	98243	AW552443	null	null	null
17593	23186	AW552314	null	null	null
16720	17002	AW552364	TC174974	null	Mm.24806
17251	28080	null	null	null	null
5667	11930	AW553322	TC190134	null	Mm.27062
42185	44965	AW553371	TC188390	null	Mm.5381
0	0	AW553425	TC162362	P1-A	Mm.87124
0	0	AW553467	TC161492	rhodanese	Mm.15312
41823	52455	AW553334	TC162199	PL6 protein	Mm.27312
79035	118914	AW553382	null	null	null
9756	13771	AW553438	TC170697	null	null
140828	243183	AW553479	TC201280	D-dopachrome tautomerase	Mm.5731
284035	456158	AW551797	TC201659	Lisch7	Mm.4067
0	0	AW551836	TC180508	null	null
81245	87899	AW551883	TC163066	null	Mm.100117
19134	19900	null	null	null	null
64276	81359	AW551808	TC168329	null	Mm.83634
32675	28158	AW551847	null	null	null
35967	35355	AW551893	TC161934	null	Mm.27088
134348	128404	AW551936	null	null	null
25448	17476	AW552568	null	null	Mm.103006
37251	39414	AW552639	TC173696	null	Mm.30179
0	0	AW552681	TC176216	null	Mm.29249
134406	191666	AW552736	TC173237	Dlxin-1	Mm.103011
1125343	925509	AW552580	null	null	null
273154	301945	AW552694	TC201636	null	Mm.28251
226445	176372	AW553522	TC158948	null	Mm.8486

58136	77057	null	null	null
12847	16757	AW553609	TC165866	null
27683	30265	AW553664	null	null
526130	881745	AW553529	TC158893	CArG-binding factor-A
138137	128669	AW553582	null	null
50143	50417	AW553625	null	null
26394	34124	AW553694	TC162121	null
51868	43599	AW551496	TC173942	null
38602	42996	AW551692	TC187895	null
12523	26792	AW551623	TC189044	null
81135	129194	AW551735	null	null
16037	17413	AW551535	TC188825	ubiquitously expressed transcr
31907	32648	AW551705	null	null
5227	8185	AW551640	null	null
55336	60997	AW551751	TC188464	Ankhzn
24187	17633	AW552434	TC160825	null
53609	65718	AW552307	TC161466	ferroportin1
19701	27504	AW552357	TC163704	TES101RP
16540	14326	AW552510	TC179676	null
34614	39622	AW552445	TC159139	null
17635	23777	AW552315	TC160837	null
49576	47412	AW552365	TC176100	null
0	0	AW552528	TC190637	null
19014	20536	AW553323	TC205048	null
11471	22434	AW553375	TC188925	alpha 3 type IX collagen
138439	132712	AW553426	TC159762	G protein beta subunit like
202230	254958	AW553468	TC173318	null
27242	35101	AW553335	TC175543	arf-like protein 2
183191	141656	AW553383	TC200528	beta-tropomyosin (AA 1-284)
22026	26363	AW553441	TC188504	ANA
15266	18460	AW553480	TC161307	null
71083	96754	AW551798	TC201151	null
53794	62463	AW551837	TC165903	null
19821	20967	AW551885	TC207963	null
411944	564156	AW551929	TC161747	null
27485	26930	AW551810	TC203920	null
72434	79606	AW551849	TC190114	null
103016	139061	AW551894	null	null
1034793	778164	AW551937	null	null
57369	60294	AW552571	TC161965	null
160165	147670	AW552640	TC174113	null
52996	70655	AW552686	TC175805	GARP45
54782	61667	AW552737	TC175284	null
11825	6102	AW552581	TC201694	collagen type XIV
52725	38507	AW552650	TC189449	null
23392	16351	AW552696	null	null
93045	66175	AW552760	TC159765	null
509690	494932	AW553523	null	null
38459	44257	AW553572	TC161260	null
241386	275758	AW553611	TC173104	null
83157	116006	null	null	null

28601	25314	AW553532	TC158570	null	Mm.38028
151893	118708	AW553584	null	null	null
0	0	AW553627	null	null	null
39493	39078	AW553704	TC204181	null	Mm.100844
28063	34043	null	null	null	null
254277	210106	AW551694	null	null	Mm.102956
20044	27572	null	null	null	null
249725	246053	AW551736	TC177199	null	Mm.22832
221309	131808	AW551536	TC190583	null	Mm.34524
225148	248811	AW551707	TC175844	null	Mm.20417
469326	408132	AW551643	TC174622	microtubule-actin crosslinking	Mm.3350
1038515	1315212	AW551753	null	null	Mm.102966
23437	24591	AW552438	TC187049	null	Mm.27761
27642	31607	AW552309	null	null	Mm.102997
86827	108609	AW552358	TC173649	GTP-binding protein	Mm.3250
4420	4176	AW552512	TC185063	null	Mm.103004
24742	37446	AW552446	TC187056	null	Mm.11816
129645	192961	AW552318	TC200454	null	Mm.29853
5744	9433	AW552367	TC202549	null	Mm.90311
88598	135605	AW552534	TC158866	ribosomal protein L37a	Mm.21529
7305	9583	AW553324	TC200496	null	Mm.30110
46081	47794	AW553376	TC175379	null	Mm.2420
974831	1043050	AW553427	null	null	null
0	0	AW553470	TC205421	null	Mm.103054
6264	9675	AW553336	TC177877	null	Mm.36154
35537	50534	AW553386	TC201183	septin-like protein Sint1	Mm.38450
179049	155859	AW553443	null	null	null
15106	14396	AW553482	null	null	null
28252	34189	AW551800	TC176966	null	Mm.31867
31396	31360	AW551838	TC205626	null	Mm.32714
158597	161033	AW551887	TC157765	null	Mm.29408
45596	49600	AW551930	TC189460	null	Mm.25695
502626	522222	AW551813	null	null	null
627792	602806	AW551850	null	null	null
41561	39130	AW551897	null	null	Mm.102976
49406	68077	AW551939	TC174932	null	Mm.41110
0	0	AW552574	null	null	Mm.103007
0	0	AW552644	TC176756	null	Mm.84531
0	0	AW552688	TC189290	null	Mm.23923
0	0	AW552743	TC165242	null	Mm.71018
0	0	AW552582	TC188316	deformed epidermal autoregulat	Mm.28392
0	0	AW552655	TC187973	null	Mm.103568
0	0	AW552699	TC188775	null	Mm.32973
0	0	AW552763	TC188100	null	Mm.29658
42346	37384	AW553525	null	null	Mm.103056
102097	126985	AW553574	TC158320	null	Mm.29345
21112	25730	AW553615	TC158763	null	Mm.104609
46608	71312	AW553669	TC207822	null	Mm.103062
90816	101308	AW553536	TC188913	mszf55-1	Mm.16650
15252	15418	null	null	null	null
61597	41165	AW553628	TC163188	null	Mm.100594

18166	29587	AW553712	TC188069	IkB kinase-beta	Mm.28269
11674	20962	null	null	null	null
0	0	AW554339	TC176656	null	Mm.39706
0	0	AW554397	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
0	0	AW554444	TC188558	null	Mm.28984
0	0	AW554270	TC159891	heterogenous nuclear ribonucle	Mm.2115
44271	57965	AW554361	TC178867	null	Mm.9997
357869	586472	AW554401	TC177074	null	Mm.30456
0	0	AW554472	TC162042	null	Mm.24591
12746	27647	AW555237	TC188538	tripeptidyl-peptidase ii	Mm.28867
9332	11084	AW555322	TC174542	secreted protein	Mm.3433
0	0	AW555450	null	null	Mm.103139
0	0	AW555502	TC211871	null	Mm.39826
0	0	AW555268	TC163217	null	Mm.29113
0	0	AW555341	null	null	null
10258	7245	null	null	null	null
15287	10343	AW555522	TC175685	osmotic stress protein 94	Mm.4150
31712	68378	AW556118	TC201535	receptor tyrosine kinase	Mm.2901
2016520	390003	AW556176	TC158293	null	Mm.104408
217160	306984	AW556216	TC160885	null	Mm.21762
365855	729631	AW556256	null	null	Mm.1139
0	0	null	null	null	null
55972	63624	AW556190	null	null	Mm.103169
825972	1010130	AW556222	TC200412	NIX	Mm.29820
51018	65308	AW556269	TC200071	null	Mm.100466
0	0	AW554518	TC183467	null	Mm.25750
70404	79286	AW554558	TC184136	null	null
19947	24676	AW554596	TC202022	null	Mm.28895
21317	25933	null	null	null	null
89553	158032	AW554529	TC202527	null	Mm.1511
598139	1028922	AW554565	TC186413	housekeeping protein	Mm.29821
0	0	AW554606	null	null	null
0	0	AW554660	TC187718	cbp37	Mm.22327
88459	119147	AW555380	TC157838	null	Mm.36088
51586	150595	null	null	null	null
315830	517524	AW555585	TC190666	null	Mm.31034
75770	77806	AW555640	TC160747	null	Mm.10706
0	0	AW555389	TC186388	5' ORF	Mm.14802
438712	536778	AW555550	TC157645	casein kinase II beta subunit	Mm.26789
290424	438784	AW555605	TC157832	ATP receptor P2X4 subunit isof	Mm.27861
24978	17351	AW555650	null	null	null
0	0	AW556311	null	null	Mm.103176
51167	59968	AW556360	TC163439	fractionated X-irradiation-ind	Mm.1645
26548	37531	null	null	null	null
15124	20240	AW556484	null	null	null
84069	93624	AW556325	null	null	Mm.103180
142579	352703	null	null	null	null
39336	44355	AW556424	TC159934	null	Mm.31354
41049	51401	AW556506	TC188226	null	Mm.28169
308399	606656	AW554252	null	null	null
0	0	AW554344	TC177998	null	Mm.69083

13074	31738	AW554398	TC157649	transcription factor S-II	Mm.87235
676675	629492	AW554445	null	null	null
34372	35424	AW554273	TC161310	null	Mm.18875
20464	42533	AW554403	null	null	Mm.103097
0	0	AW554473	null	null	null
42327	45986	AW555238	TC202119	null	Mm.9864
0	0	AW555326	TC157250	null	Mm.29279
17606	16658	AW555452	TC159981	null	Mm.29151
52415	54723	null	null	null	null
55473	74148	AW555269	TC157219	null	Mm.13427
95453	105324	AW555342	TC161176	syntaxin 5	Mm.26558
45428	65621	AW555464	TC157935	null	Mm.23689
0	0	AW555524	TC165873	null	Mm.33072
57142	61382	AW556119	TC162206	null	Mm.28032
147027	220966	AW556177	TC161135	null	Mm.28932
291159	555872	AW556217	TC159000	similar to Drosophila ash2	Mm.27706
54908	69781	AW556258	null	null	null
275191	261053	AW556134	TC158364	Rab11b	Mm.35727
377648	592213	AW556192	TC165068	null	Mm.103170
199757	358712	AW556225	TC186974	null	Mm.34051
487017	689026	AW556278	TC201021	null	Mm.28521
6319	7068	AW554519	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
110251	284624	null	null	null	null
94090	135165	AW554597	TC175357	null	Mm.45384
11817	17413	AW554651	null	null	null
9044	19598	AW554530	TC200554	type 1 procollagen C-proteinas	Mm.18808
229802	260017	AW554567	TC200138	FK506-binding protein	Mm.27941
4576	9422	AW554607	TC187172	null	Mm.21852
108727	158842	AW554667	TC160271	38 kDa Mov34 homolog	Mm.2472
393884	343804	AW555381	TC211200	null	null
26199	23269	AW555540	TC162545	null	Mm.72170
208216	233221	AW555588	TC189678	null	Mm.63068
196727	245958	AW555641	TC203011	null	Mm.9829
90972	138584	AW555391	null	null	null
31306	36632	AW555553	null	null	null
40633	40238	AW555606	null	null	null
90691	87573	AW555651	TC173491	cyclin D-interacting myb-like	Mm.22480
14706	18881	AW556314	null	null	Mm.104518
50641	58007	AW556362	TC163423	null	Mm.41761
10519	18379	AW556413	TC190814	null	Mm.9935
30676	35655	AW556485	TC163277	null	Mm.23992
35681	34241	AW556326	TC205017	null	Mm.103181
72622	84102	AW556377	TC188991	null	Mm.41539
24093	30863	AW556427	null	null	Mm.104519
0	0	AW556507	null	null	null
25544	38358	AW554253	TC190553	null	Mm.37551
53965	55599	AW554346	null	null	null
0	0	AW554412	TC202818	null	Mm.27241
15406	18820	AW554446	TC193230	null	Mm.102808
72719	62768	null	null	null	null
156178	150385	AW554370	TC163323	null	Mm.100587

95137	175715	AW554404	TC170828	null	null
0	0	AW554476	TC190830	null	Mm.41372
39129	41569	AW555263	TC182859	null	Mm.86671
0	0	AW555329	null	null	Mm.103136
31229	33526	AW555453	TC200601	null	Mm.24201
59633	93958	AW555504	TC177137	null	Mm.24136
99446	128560	AW555272	TC158402	null	Mm.46654
151577	192509	AW555346	TC175082	peroxisome membrane protein PE	Mm.16453
67418	101945	AW555468	null	null	null
7114	7246	AW555526	null	null	null
385000	435558	AW556120	TC187015	null	Mm.30188
70573	82775	AW556179	null	null	null
49397	54135	AW556218	TC167070	null	null
82122	82086	AW556259	null	null	null
310711	365838	AW556136	TC176845	null	Mm.100615
952322	1019821	null	null	null	null
261476	353668	AW556226	TC162995	null	Mm.28062
35045	39119	AW556279	null	null	null
33157	44402	AW554520	TC199980	null	Mm.43452
589604	1029994	AW554560	null	null	null
19783	16843	AW554599	null	null	Mm.103106
42066	54092	null	null	null	null
12347	12454	AW554531	TC204251	null	Mm.33492
1481802	1393394	AW554569	TC173415	null	Mm.29719
104638	110068	null	null	null	null
19521	22236	AW554674	TC159535	preprocomplement component C3	Mm.19131
687657	527803	AW555383	TC173042	null	Mm.4537
363833	681866	AW555541	TC189222	lymphocyte specific helicase	Mm.57223
237042	276197	AW555592	TC188467	null	Mm.27665
871100	1195057	AW555642	TC157609	null	Mm.29923
878630	1398755	AW555395	TC197547	null	null
567207	555999	AW555555	null	null	null
68092	80951	AW555607	TC158543	null	Mm.34027
24693	22919	AW555652	TC197559	null	null
96179	120960	AW556319	null	null	Mm.103179
76325	73121	null	null	null	null
67031	97774	null	null	null	null
10198	12297	AW556495	null	null	null
110303	105332	AW556329	null	null	null
1318952	2439657	AW556381	TC159640	eukaryotic translocation facto	Mm.16317
33460	35509	AW556431	TC186415	null	Mm.14245
4631	6304	AW556508	null	null	Mm.104382
25903	30853	AW554257	TC207789	null	null
15465	32961	AW554413	TC197574	null	Mm.103096
38028	60110	AW554453	TC203066	short ORF	Mm.87561
8799	10480	AW554276	TC170835	null	Mm.103092
36427	40027	AW554373	TC174111	null	Mm.29328
4884	14816	AW554480	null	null	null
14397	10973	AW555264	TC159991	alpha-B crystallin	Mm.178
60047	81703	AW555335	null	null	null
31648	46244	AW555456	TC202028	centrin	Mm.24643

16720	22818	AW555507	TC200934	beta-1,4-galactosyltransferase	Mm.24545
14718	18590	AW555280	null	null	null
21789	22988	AW555347	TC162117	cAMP-dependent protein kinase	Mm.19111
10416	14840	AW555469	TC205800	null	Mm.74640
8259	8195	null	null	null	null
159574	208141	AW556123	TC200208	keratinocyte growth factor rec	Mm.16340
502473	766636	AW556184	null	null	null
127010	119197	null	null	null	null
1148549	1767949	AW556262	null	null	Mm.103172
102673	110012	AW556138	TC188972	null	Mm.90071
425277	417838	AW556196	TC202429	null	Mm.4002
175184	176788	AW556229	TC200900	MEK binding partner 1	Mm.20922
881885	893722	AW556280	TC201032	null	Mm.87700
0	0	AW554524	null	null	null
192591	282857	AW554562	TC173932	null	Mm.35508
64514	77361	AW554600	TC186650	p68 lipocortin protein (AA 1-6	Mm.22619
44684	70165	AW554656	TC177584	null	Mm.17610
20937	21547	AW554532	TC174702	null	Mm.13148
186728	198813	AW554570	TC186581	integral membrane protein	Mm.4891
413357	429771	AW554628	null	null	null
10473	10861	AW554676	null	null	null
71921	62457	AW555385	TC184004	null	null
298108	422132	AW555543	TC203547	null	Mm.32659
2300364	2284833	AW555594	null	null	null
1189556	758256	AW555644	TC173854	glutathione-S-transferase clas	Mm.31041
0	0	AW555399	TC210617	null	Mm.66402
2195390	2450605	AW555558	null	null	Mm.103147
82835	393356	null	null	null	null
89588	135287	AW555653	TC203777	null	Mm.44578
61518	57987	AW556320	TC162660	Ferredoxin-NADP Reductase prec	Mm.4719
110288	253899	AW556371	TC173237	Dlxin-1	Mm.27578
34293	35386	null	null	null	null
68371	71179	AW556496	TC188644	null	Mm.23826
101041	151172	AW556331	TC187013	null	Mm.10278
28330	38402	AW556382	TC161092	null	Mm.33951
144346	150350	AW556440	TC161132	null	Mm.12775
164907	282442	AW556509	TC186973	null	Mm.385
36488	35521	AW554258	TC162945	midnolin	Mm.103091
56165	74125	AW554353	TC194115	null	Mm.25000
4189	5858	AW554418	null	null	Mm.41719
0	0	AW554457	TC186464	null	Mm.30011
0	0	AW554277	null	null	Mm.103093
63747	60110	AW554376	null	null	Mm.382
808999	717166	AW554406	TC206330	null	Mm.38597
124042	123757	AW554482	null	null	Mm.103100
352988	421909	AW555265	TC186822	null	Mm.17307
50577	63552	AW555338	TC157964	null	Mm.65678
51180	54273	AW555458	TC199387	null	Mm.102291
270422	247214	AW555509	TC187292	null	Mm.30214
256786	245699	AW555281	TC175873	null	Mm.44224
30849	30614	AW555349	null	null	null

49747	61959	AW555473	TC161636	null	Mm.4051
28658	42764	AW555530	null	null	null
505545	677858	AW556129	TC157729	unnamed protein product	Mm.23841
0	0	AW556185	TC175527	MGA protein	Mm.87532
678693	548057	AW556220	TC189178	null	Mm.11382
446712	453224	AW556264	null	null	null
232643	244271	AW556139	TC176140	null	Mm.32329
3140401	2765934	AW556197	null	null	null
1900710	1903964	AW556230	TC173055	CDC42 protein	Mm.1022
158547	171166	AW556282	TC201755	tum- transplantation antigen	Mm.22596
70697	67979	AW554527	TC174857	formerly known as STM2; homol	Mm.4338
268519	376837	AW554563	null	null	null
123863	127967	AW554601	TC189819	null	Mm.87599
139217	222041	AW554658	TC202367	null	Mm.60794
25586	26505	AW554535	null	null	null
1065361	833262	AW554572	TC188870	null	Mm.22258
231634	212158	AW554630	TC177012	null	Mm.18001
0	0	AW554683	TC162685	null	Mm.23816
2643412	2631587	AW555387	null	null	null
99678	87222	AW555547	null	null	null
2860086	2475749	AW555595	null	null	null
514564	437460	AW555645	TC203457	aldehyde oxidase homolog-1	Mm.20108
2121126	1981801	AW555400	null	null	null
100675	93117	AW555559	null	null	null
3076212	3065442	AW555618	TC159935	matrin3	Mm.41480
0	0	AW555660	null	null	Mm.103151
239632	224534	AW556321	TC160986	null	Mm.34081
639630	1051767	AW556372	TC159930	decorin	Mm.1987
306826	250365	AW556422	TC157221	null	Mm.2041
231291	219692	AW556499	null	null	Mm.103185
79053	75181	AW556332	TC201846	m6a methyltransferase	Mm.76983
241911	292314	AW556383	TC200401	zeta proteasome chain; PSMA5	Mm.2287
107465	122657	AW556441	TC173517	null	Mm.41495
30175	39249	AW556511	TC167226	null	Mm.102585
336859	280005	AW554268	TC187987	bromodomain-containing protein	Mm.5400
46481	63722	AW554355	TC157313	Mpv17	Mm.999
183105	192307	AW554421	TC174865	complement subcomponent C1Q A	Mm.370
21041	21283	AW554463	TC174003	kidney predominant protein	Mm.21976
48208	51974	AW554281	null	null	Mm.38247
200690	133626	AW554377	TC172237	null	Mm.59137
1573529	1388858	AW554408	TC160269	unknown	Mm.396
40054	56566	AW554484	null	null	Mm.16767
80878	74929	null	null	null	null
211783	234677	AW555339	TC174268	null	Mm.21218
60889	53187	null	null	null	null
3208	5207	AW555517	TC182179	null	Mm.54911
11757	9616	AW555282	null	null	null
57334	94592	AW555351	TC160323	mitochondrial carrier homolog	Mm.29650
41243	60140	AW555477	TC173634	CTP synthetase homolog	Mm.2065
77787	64902	AW555537	TC200699	null	Mm.35695
134171	158051	null	null	null	null

483088	853205	AW556189	TC157671	tyrosine kinase	Mm.6839
185831	116933	AW556221	TC160313	null	Mm.730
212680	190914	AW556266	TC200807	calcyclin binding protein	Mm.10702
92914	99925	AW556144	null	null	null
1446680	1885651	AW556198	TC186853	unknown	Mm.692
163868	180692	AW556233	TC202783	null	Mm.99704
1272095	1214563	AW556284	null	null	Mm.103173
108448	118245	AW554528	null	null	null
498620	618812	AW554564	TC201287	null	Mm.27653
38870	35379	AW554605	TC176777	Smad interacting protein 1	Mm.37676
35074	32197	AW554536	TC159001	null	Mm.43358
516845	512354	AW554573	TC200985	null	Mm.26949
233839	204547	AW554632	TC202535	null	Mm.35084
688014	726568	AW554685	TC200030	BAP-135 homolog	Mm.22593
233869	359823	AW555389	TC186388	5' ORF	Mm.14802
737420	767911	AW555549	TC158381	null	Mm.21435
463410	528412	AW555596	TC158326	adipose differentiation relate	Mm.381
0	0	AW555646	TC170705	null	null
326372	316271	AW555403	TC178315	null	Mm.17850
52899	50434	AW555560	TC175425	F-box protein FBW5	Mm.29170
471890	457188	AW555610	TC161209	null	Mm.29139
822248	718875	AW555661	TC160932	null	Mm.28347
50790	46136	AW556324	null	null	null
169285	189101	AW556373	TC173563	null	Mm.21399
61033	59911	AW556423	TC202739	null	Mm.56098
54251	51606	AW556501	TC161731	huntingtin interacting protein	Mm.33797
17995	17628	AW556334	null	null	null
308972	275810	AW556384	null	null	null
35188	36449	AW556444	TC191740	null	Mm.23657
27626	36081	AW556513	TC173252	translation repressor NAT1	Mm.525
49950	73005	AW557010	TC203106	null	Mm.32357
0	0	AW557056	TC197613	null	Mm.103215
0	0	AW557124	TC164098	null	Mm.42710
17729	15087	AW557180	null	null	Mm.103219
27256	17932	AW557022	TC162511	null	Mm.18617
0	0	AW557065	TC176635	null	Mm.22955
44168	42178	AW557137	TC161152	collagen alpha 1 chain type V	Mm.2509
6001	8579	AW557191	TC161678	hypothetical protein	Mm.34697
32393	36687	AW558000	TC158986	Bcl-2-interacting protein becl	Mm.30040
602829	590444	AW558059	null	null	null
0	0	AW558131	null	null	null
87101	163406	AW558184	TC199992	nonamer binding protein	Mm.4280
36105	35216	AW558016	TC200483	null	Mm.30113
24326	36362	AW558078	TC175489	fosB protein (AA 1-338)	Mm.26091
52290	62744	AW558145	TC202597	null	Mm.29464
41638	51225	AW558200	TC157987	null	Mm.88628
0	0	null	null	null	null
6543	8828	AW559064	TC188534	kinase	Mm.8108
11805	20666	AW559127	TC192097	potassium channel subunit	Mm.5177
54157	64612	AW559022	TC189329	null	Mm.35756
0	0	AW559084	TC175260	cytokine inducible SH2-contain	Mm.4592

114171	125371	AW559135	null	null	null
52137	70807	AW557252	null	null	Mm.104520
113373	156259	AW557306	TC186746	D-type cyclin	Mm.3141
191619	160398	AW557397	TC188106	null	Mm.25539
140414	144620	AW557458	TC174718	ubiquitin-specific processing	Mm.40986
24448	38235	AW557260	null	null	Mm.90760
16430	23010	AW557322	TC177677	null	Mm.33039
49513	54030	null	null	null	null
103157	97088	AW557474	TC186835	null	Mm.28058
13842	20186	AW558231	TC165867	null	Mm.100443
54080	65394	AW558293	TC160505	null	Mm.30153
68299	125609	AW558347	null	null	Mm.103280
76767	92749	null	null	null	null
34341	43506	AW558245	null	null	null
100601	111898	AW558309	TC161072	polypeptide GalNAc transferase	Mm.30249
181951	184013	AW558357	TC202471	null	Mm.29483
54864	66137	AW558510	TC189596	null	Mm.27070
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0	0	AA104143	null	null	null
29420	34884	AA404189	null	null	null
0	0	AA422631	null	null	null
0	0	AA023641	null	null	null
11148	15838	AA146556	null	null	null
78451	86957	AA269839	null	null	null
0	0	AA499251	null	null	null
37552	50147	AW557011	TC187499	equilibrative nitrobenzylthioi	Mm.29744
13938	17126	AW557058	null	null	Mm.103216
28655	37791	AW557129	TC201615	poly(A) polymerase V	Mm.3170
21736	21763	AW557181	null	null	Mm.103220
51937	77408	AW557024	null	null	null
131404	185785	AW557067	TC159505	defender against cell death 1	Mm.2547
57984	67619	AW557138	TC174719	null	Mm.41390
41765	44109	AW557192	TC203641	null	Mm.60166
357507	519921	AW558008	TC200200	calumenin	Mm.7515
91666	130995	AW558065	TC162398	null	Mm.18814
147921	175134	AW558132	null	null	null
38723	57582	AW558188	TC159037	null	Mm.27529
1741519	1548235	AW558020	TC201642	null	Mm.28560
23386	43842	AW558079	TC203322	null	Mm.2415
52724	61908	AW558146	TC201994	null	Mm.20488
32223	53416	null	null	null	null
26162	36717	AW559014	TC202620	null	Mm.24411
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25269	34943	AW559128	TC187557	null	Mm.23702
18368	19295	null	null	null	null
12684	16951	AW559085	TC203264	null	Mm.306
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12494	19275	null	null	null	null
13490	19397	AW557309	TC192989	null	Mm.103230
95641	160276	AW557402	TC173272	null	Mm.534
101637	124854	AW557461	TC200246	null	Mm.8195

53745	69286	AW557261	TC201133	null	Mm.27692
178393	205437	AW557330	TC191148	null	Mm.46102
14464	21098	AW557415	TC200516	null	Mm.86625
14215	14672	AW557475	TC157724	myelin proteolipid	Mm.1268
38410	59955	AW558233	TC188616	null	Mm.90289
96369	111402	AW558295	TC163996	null	Mm.87487
59577	86904	AW558348	TC199989	ISRE-binding protein	Mm.4280
98595	107476	AW558410	TC201278	null	Mm.27302
17365	22444	AW558247	TC206150	null	Mm.86150
73806	78173	AW558313	null	null	null
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0	0	AW558512	TC176092	null	Mm.30252
0	0	AA013571	null	null	null
30014	30561	AA210248	null	null	null
0	0	AA403424	null	null	null
70401	67879	AA403649	null	null	null
34070	37258	AA021792	null	null	null
0	0	AA138835	null	null	null
69047	77762	AA270270	null	null	null
4482	9111	AI480613	null	null	null
122860	159995	AW557015	TC201733	null	Mm.39038
51487	54118	AW557059	TC164017	null	Mm.35521
63839	73835	AW557130	TC188935	null	Mm.4095
40893	55969	AW557025	TC187727	null	Mm.27388
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17541	16937	null	null	null	null
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98061	154292	AW558136	null	null	null
276551	492846	AW558191	null	null	Mm.103276
86677	111683	AW558021	TC163520	null	Mm.32675
28690	40444	AW558090	TC192589	null	Mm.82640
171643	181995	AW558147	TC160398	epsilon-COP	Mm.28668
12284	8413	AW558201	TC189670	inducible IKappaB kinase	Mm.37672
9406	6472	AW559016	TC201921	null	Mm.5264
28312	46284	AW559077	TC188187	null	Mm.45739
27888	40272	AW559129	null	null	Mm.103304
55728	59256	AW559023	TC188295	null	Mm.100190
8294	3311	null	null	null	null
57583	56477	AW559139	TC157346	null	Mm.104045
46646	61123	AW557254	null	null	Mm.57057
88259	87077	AW557310	TC188546	null	Mm.13052
26300	35739	AW557403	null	null	null
13579	17495	AW557463	TC193907	null	Mm.103239
381097	440540	AW557263	TC174126	FXR1	Mm.4038
266025	281925	AW557331	TC200975	null	Mm.27477
53553	62397	AW557416	TC161458	null	Mm.22115
122902	120799	AW557480	TC202739	null	Mm.29525
172103	101611	AW558234	TC188040	null	Mm.29742
29222	28931	AW558298	TC163178	null	Mm.23990

107348	163627	AW558351	TC162178	null	Mm.39856
88271	124956	AW558411	TC158974	contains transmembrane (TM) re	Mm.15985
20039	20900	AW558248	null	null	null
78408	128018	AW558319	TC174517	protein 4.1	Mm.30038
209387	280111	AW558365	TC188389	null	Mm.28818
16057	13715	AW558513	TC184078	null	Mm.103286
23338	37059	AA016913	null	null	null
0	0	AI323605	null	null	null
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43862	35160	AA426945	null	null	null
7187	10083	AA030139	null	null	null
4774	5408	AI325148	null	null	null
9174	12963	AA271781	null	null	null
18556	17191	AA517162	null	null	null
34573	46962	AW557019	TC173810	null	Mm.34772
113706	74820	AW557061	TC186392	null	Mm.26838
52223	53978	AW557132	null	null	null
11421	15549	AW557183	TC192534	homolog of the human ataxia te	Mm.5088
72117	54853	AW557028	null	null	null
22070	33306	AW557075	TC188724	null	Mm.2069
107427	126091	AW557146	TC186446	protein phosphatase 1cgamma	Mm.7793
11433	15110	AW557194	null	null	null
42731	62839	AW558010	TC189803	null	Mm.27165
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25833	20463	AW558142	TC162183	null	Mm.34023
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36265	43053	AW558022	TC203670	null	Mm.26600
17958	19621	AW558091	TC175962	null	Mm.78186
87945	87845	null	null	null	null
23824	20386	AW558202	TC157909	synaptonemal complex protein	Mm.21754
14806	15293	null	null	null	null
0	0	AW559079	null	null	Mm.103467
29511	39162	AW559130	TC200223	null	Mm.27039
29406	36229	AW559031	TC189855	null	Mm.27650
14998	14961	AW559089	null	null	Mm.103300
6949	6431	AW559143	null	null	null
74279	116634	AW557255	TC201418	null	Mm.38955
22048	18537	AW557311	TC211267	null	Mm.103231
1600989	1056234	AW557404	TC186390	Selenoprotein P	Mm.22699
28679	31900	AW557467	null	null	null
235051	365841	AW557266	TC200211	null	Mm.6932
183173	176970	AW557335	TC160377	null	Mm.28848
51546	98815	AW557419	TC187828	null	Mm.41009
1501347	1927715	AW557481	TC186539	14-3-3 zeta protein	Mm.3360
23648	30443	AW558241	TC187889	null	Mm.13835
61789	53391	AW558301	TC202777	null	Mm.88730
82340	63502	AW558352	null	null	Mm.103281
383151	277528	null	null	null	null
178800	144776	AW558254	TC189519	null	Mm.27325
33363	29162	AW558321	TC190739	null	Mm.87513
561058	519766	AW558366	null	null	Mm.103283

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44714	46352	AA125302	null	null	null
67701	66020	AA261175	null	null	null
42686	38294	AA423684	null	null	null
90553	90682	AI323333	null	null	null
26666	157869	AA171309	null	null	null
11847	14861	AA270904	null	null	null
0	0	AA541835	null	null	null
133505	152421	AW557020	TC174745	null	Mm.24655
235170	258140	AW557063	null	null	Mm.20903
6310	5768	AW557133	null	null	Mm.103287
0	0	AW557187	TC184070	null	Mm.103221
167790	214110	AW557029	null	null	null
397717	397863	AW557082	TC158232	sulfated glycoprotein	Mm.3363
357787	336215	AW557148	null	null	null
14962	17312	AW557197	TC202193	ELL	Mm.1552
150602	128888	AW558011	TC201918	null	Mm.21173
47160	49631	AW558070	TC164626	null	Mm.41078
28770	42653	AW558143	TC204127	null	Mm.34745
103545	155607	AW558198	TC200824	endothelial-monocyte activatin	Mm.10507
96270	126321	AW558025	TC161151	NF-YC-like protein	Mm.4748
49757	57091	AW558095	TC163433	null	Mm.74704
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48881	56892	AW558203	null	null	null
68918	75292	AW559020	TC201292	null	Mm.3224
91878	76101	AW559081	TC162634	null	Mm.28827
21624	25887	null	null	null	null
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26571	29596	null	null	null	null
37223	40985	AW559145	null	null	null
257657	313555	AW557257	TC161223	nuclear body associated kinase	Mm.27601
42854	41045	AW557317	null	null	Mm.103232
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274327	303482	AW557469	TC161088	putative E1-E2 ATPase	Mm.10288
40707	37951	AW557270	null	null	null
345820	298921	AW557336	TC188125	GES30	Mm.6577
25307	20522	AW557421	null	null	Mm.103237
17090	25802	AW557482	TC158347	nedd-1 protein	Mm.2998
23681	23757	AW558242	null	null	Mm.103278
522137	406616	AW558305	TC159976	adenylate kinase isozyme 2	Mm.29460
30340	32983	AW558354	null	null	null
57804	69878	AW558418	null	null	null
36045	31478	AW558257	TC174409	null	Mm.29233
20074	20514	null	null	null	null
175123	161099	AW558368	TC201905	null	Mm.7196
45287	47509	AW558515	TC188086	null	Mm.25595
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33979	58331	AA153597	null	null	null
25292	18301	AA267085	null	null	null
59784	101138	AA419842	null	null	null

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80788	58914	AA174705	null	null	null
223189	257987	AA271795	null	null	null
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14825	11493	AW557064	null	null	Mm.34194
236652	149067	AW557135	TC175445	xanthine dehydrogenase	Mm.3043
33376	36806	AW557188	null	null	Mm.103222
21547	23042	AW557030	TC165790	null	Mm.103214
95055	83143	AW557086	TC201434	null	Mm.28591
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112106	110717	AW557205	TC201141	null	Mm.41665
24056	22928	null	null	null	null
23697	29130	AW558072	null	null	Mm.103271
13419	15012	AW558144	null	null	null
22635	31354	AW558199	TC202737	null	Mm.27735
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187312	265002	AW558157	null	null	Mm.16820
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159978	143163	AW559082	TC189294	null	Mm.27562
36260	40005	AW559132	TC190896	null	Mm.42857
243683	299750	AW559034	null	null	null
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112180	146024	AW559146	TC161202	phosphofructokinase-M (connect	Mm.26550
121182	161598	AW557258	TC205900	null	Mm.25227
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94155	67214	AW557409	TC170760	null	null
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56805	91161	AW557276	TC175781	null	Mm.10877
71955	83692	AW557338	TC170762	null	null
57721	63127	AW557422	null	null	null
44664	46745	AW557485	TC174751	null	Mm.45032
33450	29839	AW558243	null	null	Mm.103279
186695	224042	AW558307	TC203185	ubiquitin-conjugating enzyme U	Mm.4429
41520	49280	null	null	null	null
61231	68290	AW558503	TC161566	null	Mm.28778
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99376	78803	AW558325	TC159795	null	Mm.34246
22372	28542	AW558369	TC159067	null	Mm.88641
22154	27859	AW558516	TC201679	tumor-rejection antigen SART3	Mm.29594
24255	22424	AA023362	null	null	null
138828	123336	AA154808	null	null	null
11858	13094	AA254565	null	null	null
16837	18301	AA458225	null	null	null
22192	35795	AA014405	null	null	null
0	0	AA175426	null	null	null
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8675	12475	BE448627	null	null	null
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97616	99840	M86720	null	null	null
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0	0	BE307267	null	null	null
18417	20588	BE291989	null	null	null
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41584	73711	BE369473	null	null	null
29329	34048	M86720	null	null	null
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22792	25762	AW825997	null	null	null
13340	29954	BE448207	null	null	null
50490	55763	BE288632	null	null	null
45103	76677	AW909521	null	null	null
27823	36564	BE336130	null	null	null
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225592	85264	null	null	null	null
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92817	213166	BE306409	null	null	null
65997	98871	BE291709	null	null	null
11647	12867	BE372479	null	null	null
147804	272910	BE370757	null	null	null

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0	0	AI835480	TC188073	BIT	Mm.1682
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43406	48644	AI835167	TC187046	kinesin light chain 1	Mm.20354
66893	106953	AI836289	TC157712	EWS	Mm.22691
810084	1202592	AI835106	TC200020	elongation factor 1-beta homol	Mm.2718
52562	50137	AI835132	TC164938	null	Mm.31675
134679	144119	AI835178	TC162549	null	Mm.41221
66046	68816	AI836333	TC159856	nitrilase 1	Mm.12915
0	0	AI835693	TC179606	null	null
18606	15795	AI836943	TC159958	Y box transcription factor	Mm.21054
0	0	AI839637	null	null	Mm.44165
36119	28169	AI839647	TC202764	null	Mm.33773
22424	25621	AI836904	TC204657	null	Mm.41815
51775	44676	AI836691	TC175823	null	Mm.36501
121360	208103	AI836712	TC159517	ribosomal protein S24	Mm.16775
0	0	AI839653	TC190056	null	Mm.29633
12729	15930	AI836856	TC163285	null	Mm.29579
39575	74978	AI836541	TC186373	Mus musculus ribosomal protein	Mm.30806
17795	18894	AI839755	TC175625	null	Mm.31069
0	0	AI836572	TC161602	RalGDS-like factor	Mm.43777
0	0	AI836529	TC187364	null	Mm.44244
0	0	AI836550	TC189984	selenocysteine lyase SCLY	Mm.29595
0	0	AI836561	TC203215	null	Mm.41159
5403	7302	AI839842	TC177943	null	Mm.40760
11879	14859	AI841581	TC167135	null	Mm.45553
7257	9671	AI841715	TC176304	null	Mm.45145
0	0	AI838550	TC161102	null	Mm.24646
0	0	AI838518	null	null	null
0	0	AI841594	TC204836	null	Mm.40794
0	0	AI834807	TC190269	lymphocyte specific formin rel	Mm.43069
0	0	AI838556	TC170631	null	Mm.26647
22901	25871	AI837906	TC186741	semaphorin B	Mm.22061
8685	9654	AI838660	TC189094	null	Mm.26248
20068	28903	AI838700	TC162097	null	Mm.27887
68944	68690	AI839289	TC157609	null	Mm.29923
0	0	AI840123	null	null	Mm.40419
23326	34981	AI838668	null	null	Mm.21417
46651	57412	AI841815	TC160761	cleavage and polyadenylation s	Mm.716
10259	13412	AI841835	TC174046	matrilin-2 precursor	Mm.3511
0	0	AI840132	TC173908	phosphomannomutase Sec53p homo	Mm.18939
176969	169099	AI836589	TC159417	ATP synthase beta-subunit	Mm.17869
0	0	AI836613	TC191761	null	Mm.67029
51349	74759	AI840422	TC175737	null	Mm.41603
21410	25878	AI836622	null	null	Mm.27113
0	0	AI836597	TC200517	null	Mm.10178
29954	41955	AI836213	TC188184	null	Mm.41687
32432	45130	AI836242	TC190043	Trp4	Mm.10100

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18226	24416	AI837463	null	null	null
0	0	AI837562	null	null	Mm.40755
0	0	AI840082	TC162064	null	Mm.41397
0	0	AI839469	null	null	null
0	0	AI837488	TC201182	ral-A	Mm.16779
14076	20814	AI837583	TC161281	null	null
23245	37548	AI840093	TC178417	null	Mm.22866
26489	28716	AI839475	TC161380	OIG37	Mm.9653
0	0	AI840166	TC159797	null	Mm.29493
31723	42584	AI841866	TC199982	null	Mm.21289
201843	332389	AI841921	null	null	Mm.40115
32896	46663	AI838939	TC202704	null	Mm.39994
24706	23352	AI840174	TC157384	null	Mm.27700
21182	30176	AI841880	TC162361	null	Mm.41751
57822	42417	AI838908	TC189519	null	Mm.27325
0	0	AI838946	TC188829	null	Mm.23821
30200	33352	AI840345	TC174501	null	Mm.5260
307425	553425	AI839739	null	null	Mm.40778
55705	61527	AI839756	TC200301	thioredoxin	Mm.3533
21943	32459	AI836573	TC161130	null	Mm.40302
78274	137475	AI839733	TC186848	inhibitory G protein of adenylyl	Mm.4284
80497	78283	AI839742	TC189053	N system amino acids transport	Mm.30058
66029	77467	AI839759	TC188125	GES30	Mm.6577
0	0	AI839844	TC163909	null	Mm.40779
22763	26992	AI841583	TC189945	null	Mm.41496
41560	40198	AI841719	TC163860	null	Mm.33508
33815	49707	AI838551	TC160774	prostaglandin endoperoxide	Mm.2792
33266	44272	AI838520	TC188378	GTP-binding protein	Mm.41803
0	0	AI841597	TC161700	null	Mm.26958
302678	282016	AI841739	TC201332	null	Mm.29174
10606	21398	AI838557	TC189032	acetylglucosaminyltransferase-	Mm.20872
12346	20320	AI837912	TC205840	neuritized-like protein	null
25422	31133	AI838661	TC161440	null	Mm.31726
76424	95337	AI838701	TC191580	null	Mm.31029
0	0	AI839293	TC187106	null	Mm.42949
46958	251579	AI840126	TC159456	stearoyl-CoA desaturase 2	Mm.298
35714	60753	AI838669	TC160423	null	Mm.21667
16744	21274	AI839271	TC186825	null	Mm.21069
377096	224870	AI841837	TC201710	prolidase	Mm.12838
7521	11612	AI840133	TC190895	null	Mm.23911
0	0	AI836590	TC189890	null	Mm.520
45715	64123	AI839862	TC188373	null	Mm.40037
13348	15984	AI836880	TC176235	null	Mm.30997
71186	91410	AI836623	TC186440	null	Mm.19060
0	0	AI836599	TC169488	null	Mm.44098
0	0	AI836218	null	null	null
0	0	AI836883	TC175237	unnamed protein product	Mm.22637
21912	22351	AI836631	TC160286	Ndr1 related protein Ndr3	Mm.36775
11995	15271	AI837465	TC203876	null	Mm.46606
91202	90399	AI837563	TC160932	null	Mm.28347

12784	28378	AI840083	null	null	Mm.16820
19309	42274	AI838797	TC188273	null	Mm.16976
9578	14576	AI837491	TC206932	null	Mm.40393
29286	35731	AI837584	TC175374	null	Mm.18550
0	0	AI840094	TC188042	null	Mm.26463
172700	89080	AI838813	null	null	null
9204	8997	AI840167	TC187756	null	Mm.27656
0	0	AI841869	TC189079	null	Mm.41767
0	0	AI841926	TC177105	Stem cell growth factor	Mm.20428
27116	34041	AI838940	null	null	null
0	0	AI840175	TC161130	null	Mm.40302
16383	15873	AI841881	TC202078	null	Mm.41449
14341	12407	AI838909	TC174727	F-box protein FBX18	Mm.24088
0	0	AI838950	null	null	null
15293	21264	AI836857	TC202479	null	Mm.40762
193923	181539	AI836546	TC157683	voltage dependent anion channe	Mm.569
81629	102316	AI839758	TC176289	null	Mm.28497
275574	276910	AI836574	TC188147	null	Mm.25353
24768	37570	AI836530	TC174812	null	Mm.29429
27319	30592	AI836551	TC200286	coronin-1	Mm.27317
58432	47467	AI836563	TC159795	null	Mm.34246
71484	78252	AI836577	TC188661	null	Mm.28651
0	0	AI841584	TC161179	ubiquitin-conjugating enzyme U	Mm.1485
74663	82028	AI841729	TC206070	null	null
15222	14994	AI838552	TC203895	null	Mm.34769
103705	114798	AI837891	TC166047	null	Mm.23604
6758	10625	AI841598	TC187490	null	Mm.6471
0	0	AI838523	TC163650	null	Mm.28298
18378	16549	AI838559	TC161199	null	Mm.3779
13559	23550	AI837915	TC162050	null	Mm.27848
20511	29094	AI838662	TC188230	null	Mm.41860
98348	106000	AI838702	null	null	Mm.28999
100539	108186	AI841830	null	null	Mm.40114
34139	56426	AI840128	null	null	null
110002	135954	AI838671	null	null	null
12836	16324	AI839272	null	null	Mm.39335
8176	12648	AI839297	TC175803	fibroblast activation protein	Mm.41816
33943	41006	AI840134	TC200038	myristoylated alanine-rich C-k	Mm.28743
9120	8688	AI839852	TC164776	null	Mm.39151
30732	33920	AI836615	TC201251	null	Mm.29802
120266	169254	AI836882	TC173151	cystatin C	Mm.4263
37908	864845	AI836624	TC157596	sulfated glycoprotein-2	Mm.18700
58354	72302	AI839857	TC201552	null	Mm.28400
36081	47731	AI836219	TC186522	null	Mm.30747
0	0	AI840428	null	null	null
139116	131013	AI836632	null	null	Mm.39122
7201	9652	AI837467	null	null	Mm.30132
0	0	AI837565	TC175462	null	Mm.44239
0	0	AI840085	TC164902	glutamate receptor channel sub	Mm.2879
13915	18408	AI838798	TC187231	null	Mm.30163
0	0	AI837494	TC192268	null	Mm.39836

205739	192132	AI837586	TC163410	null	Mm.39529
27784	31120	AI840097	TC200074	null	Mm.28423
0	0	AI838815	TC158553	null	Mm.37975
75397	78502	AI840168	TC186956	piL	Mm.26562
97899	169096	AI841870	null	null	null
67086	86434	AI841927	TC187850	null	Mm.22397
7379	10756	AI838941	TC177547	null	Mm.40769
13567	21001	AI840176	TC160575	null	Mm.29253
78605	387995	AI841883	null	null	Mm.39353
75974	69125	AI838911	null	null	null
4058	6594	AI838951	TC173657	null	Mm.22456
82170	65639	AI836859	TC159417	ATP synthase beta-subunit	Mm.17869
0	0	AI839740	TC157934	null	Mm.38421
40058	48927	AI836558	TC187891	null	Mm.26696
0	0	AI836575	TC165654	null	Mm.44510
0	0	AI836531	null	null	null
18116	22200	AI836552	TC202003	null	Mm.20559
35368	43346	AI839760	TC160324	mitochondrial carrier homolog	Mm.29650
8059	8707	AI839846	TC203779	null	Mm.40667
15993	21625	AI841585	TC162411	null	Mm.24856
477967	598091	AI841732	TC165575	null	Mm.41628
13345	14195	AI838553	TC204721	null	Mm.208
0	0	AI837894	null	null	null
32534	40710	AI841599	TC187608	LZIP-1 and LZIP-2	Mm.12407
0	0	AI838524	TC187078	calcineurin	Mm.293
0	0	AI838560	TC162683	null	Mm.39999
32905	45232	AI837922	TC186531	null	Mm.2395
28612	36431	AI838663	TC187313	null	Mm.28258
64175	84947	AI838704	TC157795	null	Mm.11223
24921	30885	AI841831	TC200554	type 1 procollagen C-proteinas	Mm.18808
46920	46966	AI840129	TC159856	nitrilase 1	Mm.12915
30675	31715	AI838672	TC201700	null	Mm.46494
3365	3516	AI839274	null	null	Mm.39784
43497	50772	AI839298	TC175606	cyclin-dependent kinase 5	Mm.4818
289636	359857	AI840135	TC186934	cyclin I	Mm.22711
0	0	AI839854	TC176034	nonclathrin coat protein zeta2	Mm.22144
34514	56500	AI836616	TC161521	null	Mm.21458
109360	109596	AI840425	null	null	null
31812	42518	AI836625	TC158387	null	Mm.22440
17866	20926	AI836600	TC160614	D9 splice variant 3	Mm.1973
16839	24941	AI836220	TC188912	null	Mm.38495
68655	86070	AI840429	TC189588	null	Mm.26500
27932	25415	AI836635	null	null	Mm.39768
16390	18321	AI837469	TC202415	null	Mm.22094
21469	30077	AI837573	TC188747	null	Mm.4532
25395	36347	AI840088	TC187177	30-kDa subunit of replication	Mm.2870
27126	28604	AI838800	TC161595	Ariadne protein (ARI)	Mm.27783
0	0	AI837496	null	null	Mm.39776
74025	91295	AI837587	null	null	null
64033	65068	AI840098	TC160661	null	Mm.43482
0	0	AI838816	TC178791	null	Mm.40069

12621	10639	AI840169	null	null	Mm.39553
10417	6757	AI841874	TC207879	null	Mm.40649
54322	71112	AI841928	TC202918	null	Mm.21284
16456	13395	AI838942	null	null	Mm.39141
145241	248788	AI840178	TC174136	cathepsin H	Mm.2277
23711	33110	AI841884	TC159962	null	Mm.33808
85729	147976	AI838913	TC173398	synexin	Mm.20794
95339	121886	AI838954	TC159490	cadherin associated protein	Mm.18962
0	0	AI836860	TC191499	null	Mm.40059
7817	5695	AI839741	TC176117	null	Mm.27814
4100	4391	AI836559	TC157863	synaptotagmin XI	Mm.2632
10144	19878	AI839841	TC187165	null	Mm.23329
84080	105339	AI836532	TC186833	cysteine rich protein 1	Mm.10919
0	0	AI836553	TC201169	null	Mm.40715
154547	78225	AI839796	TC186933	creatine kinase (28AA)	Mm.16831
7694	6478	AI836578	TC182865	null	null
29041	26223	AI841587	null	null	null
67927	60187	AI841737	TC186711	coat protein gamma-cop	Mm.26422
183045	182889	AI838554	TC160692	null	Mm.29737
108471	95030	AI837903	TC160099	null	Mm.27886
19987	21626	AI841603	TC188575	null	Mm.39495
365269	373348	AI838525	null	null	null
115389	64880	AI838486	TC187488	heat shock protein 105 kDa bet	Mm.1322
0	0	AI837926	null	null	Mm.42500
15790	20581	AI838665	null	null	Mm.41873
104779	139068	AI838705	TC187090	nucleobindin	Mm.2283
234940	364143	AI839296	TC186556	null	Mm.29057
151522	173650	AI840130	TC160862	null	Mm.21586
114242	76500	AI838675	TC174788	null	Mm.21184
49724	120577	AI839275	TC200181	basement membrane collagen alp	Mm.738
25325	30006	AI841840	TC161878	lysyl oxidase-2	Mm.21049
0	0	AI840136	TC157622	proline-rich protein	Mm.28797
0	0	AI836596	TC203654	null	Mm.29639
12326	19669	AI836617	TC204864	null	null
0	0	AI836240	TC179067	null	null
69806	66589	AI836627	null	null	Mm.39519
25094	30261	AI836601	TC160590	null	Mm.27841
14860	20384	AI836221	TC190324	RING finger protein HAC1	Mm.29290
60132	74518	AI840430	TC200780	null	Mm.9257
27120	30178	AI836636	TC202317	X-linked PEST-containing trans	Mm.5045
0	0	AI837474	TC191954	null	null
10219	6657	AI837574	TC191470	null	null
68653	90999	AI840089	TC159865	X16	Mm.6787
21189	23663	AI838805	TC200794	null	null
0	0	AI837498	null	null	Mm.34664
217641	269660	AI837588	TC189278	null	Mm.27176
86128	109016	AI840100	TC173256	null	Mm.21207
45020	42660	AI839477	TC173341	RNA-binding protein alpha-CP1	Mm.29089
28391	22335	AI840172	TC163123	null	Mm.9986
57121	44809	AI841875	TC204592	null	Mm.32599
21778	22798	AI841931	TC202412	null	Mm.35466

15350	10716	AI838944	TC203348	Duffy glycoprotein	Mm.6393
0	0	AI840181	TC162709	null	Mm.29442
45305	82132	AI841886	TC173053	pro-alpha-2(I) collagen	Mm.4482
36745	32204	AI838914	TC188546	null	Mm.13052
46829	53025	AI838955	TC201858	null	Mm.29620
149575	112184	AI840347	null	null	Mm.40422
74080	60283	AI836548	TC160759	null	Mm.29852
162489	110067	AI836560	TC160170	transcobalmin II	Mm.20948
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0	0	AI839735	TC187757	null	Mm.37751
23127	19886	AI839744	TC160912	Gas1 protein	Mm.22701
32821	30499	AI839797	null	null	Mm.42644
0	0	AI836579	null	null	Mm.39766
85814	174024	AI841591	TC173146	multiple inositol polyphosphat	Mm.43580
23062	30026	AI841738	TC163254	null	Mm.39808
352036	431080	AI838555	null	null	null
0	0	AI837905	null	null	Mm.4784
97608	105539	AI841606	TC202054	null	Mm.1947
13829	10736	AI838527	TC187188	null	Mm.24831
29941	64055	AI838487	TC161576	annexin III	Mm.7214
9694	10690	AI837932	TC163179	null	Mm.41483
65118	54169	AI838666	TC176393	null	Mm.24529
43605	44743	AI838707	null	null	Mm.39780
391874	837556	AI841834	TC157604	M-TAXREB107	Mm.588
103533	91538	AI840131	TC177691	null	Mm.41026
75646	94044	AI838676	TC200401	zeta proteasome chain; PSMA5	Mm.2287
0	0	AI839277	TC191018	stress-activated protein kinas	Mm.38343
82154	102643	AI839299	TC160321	acinusS'	Mm.30236
0	0	AI840141	TC189965	null	Mm.41888
0	0	AI839855	null	null	Mm.39790
271807	453784	AI836618	TC199928	5S ribosomal protein	Mm.5291
52616	45338	AI836241	null	null	Mm.10727
54949	64043	AI836628	TC187628	null	Mm.28063
11329	9390	AI839858	TC177688	syntrophin-associated serine-t	Mm.23721
220270	171505	AI836222	TC188562	vesicle trafficking protein se	Mm.33128
37202	48544	AI836887	TC158447	null	Mm.22145
45089	31263	AI836637	TC176281	null	Mm.40773
16093	30514	AI837483	TC202573	null	Mm.25322
228450	192025	AI837581	null	null	null
19670	17373	AI840092	TC174447	stat-like protein	Mm.38469
52948	72378	AI838809	null	null	null
0	0	AI837503	TC187889	null	Mm.13835
20409	17130	AI837590	TC204870	null	Mm.40756
9958	15270	AI840103	TC162671	null	Mm.38058
87403	82717	AI839478	null	null	Mm.40087
77781	70333	AI840173	TC187332	null	Mm.33926
293143	944476	AI841876	null	null	Mm.2329
58238	108985	AI841933	TC186421	TGF-beta receptor binding prot	Mm.18921
0	0	AI838945	null	null	null
34331	48822	AI840182	TC159924	retinoblastoma-binding protein	Mm.1603
0	0	AI841889	TC188824	mouse a1(XI) collagen chain	Mm.5017

32415	40192	AI838915	TC187118	null	Mm.23825
0	0	AI838956	TC162493	null	Mm.38783
0	0	AI839345	TC178783	null	Mm.40790
44780	42592	AI838844	TC162462	Ly-6/neurotoxin homolog	Mm.35270
72196	66067	AI838907	null	null	Mm.39140
0	0	AI841797	TC202046	vacuolar proton-translocating	Mm.34480
0	0	AI839352	TC161684	null	Mm.12184
0	0	AI838857	TC189702	ecto-ATPase	Mm.31308
0	0	AI841752	TC163837	null	null
35490	38633	AI841806	TC174426	adenylosuccinate synthetase	Mm.6317
0	0	AI840405	null	null	null
4603	5796	AI839908	TC157925	null	Mm.36545
0	0	AI841419	TC201514	calmodulin-binding protein	Mm.1222
0	0	AI841477	TC201585	neurochondrin-2	Mm.43445
0	0	AI839874	TC162649	carbonic anhydrase-related pol	Mm.40711
0	0	AI839920	TC175808	null	Mm.41440
9451	10601	AI841433	TC199965	null	Mm.24600
213785	144659	AI841487	TC177157	null	Mm.14189
61194	60972	AI839062	null	null	null
0	0	AI837685	TC192878	FMR2 protein	Mm.8031
17298	24092	AI837740	TC201641	null	Mm.30869
8065	9218	AI840978	TC202223	null	Mm.41067
79398	101673	AI839071	TC188405	null	Mm.46557
34980	34000	AI837696	TC200479	protein 4.1G	Mm.37941
0	0	AI840935	TC204275	null	Mm.22998
0	0	AI841037	TC157961	null	Mm.24075
0	0	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
17490	22305	AI839499	TC203275	rho7	Mm.33801
54663	75329	AI839535	TC181593	null	Mm.40415
27298	30681	AI839442	null	null	Mm.39788
156667	187219	AI839017	TC174365	null	Mm.30041
26737	22961	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
0	0	AI839548	null	null	Mm.40089
6669	7864	AI839455	null	null	null
0	0	AI841532	null	null	Mm.39162
55924	72218	AI841116	TC200075	putative TSA, thiol specific a	Mm.42948
0	0	AI842007	TC157882	null	Mm.30062
18569	24685	AI840814	TC200680	null	Mm.27718
12711	22034	AI841078	null	null	Mm.39351
30150	32234	AI841124	TC188023	null	Mm.29571
32283	29671	AI842025	TC162077	null	Mm.39811
16356	18240	AI840829	TC165717	null	Mm.45058
54090	69284	AI837768	TC163745	null	Mm.40992
41913	47253	AI837821	TC174993	null	Mm.29183
113735	116363	AI840929	null	null	null
0	0	AI840773	TC200899	null	Mm.28285
39571	41427	AI837774	TC200995	null	Mm.28144
116776	140254	AI840878	TC186528	null	Mm.27401
46575	73633	AI840738	TC174896	platelet-derived growth factor	Mm.2924
57838	54107	AI840790	null	null	null
11074	16766	AI839346	TC202569	null	Mm.26627

1420345	1456898	AI838847	null	null	null
16272	15620	AI841742	TC176135	homology to nucleosome assembl	Mm.1441
0	0	AI841798	TC159424	tissue inhibitor of metallopro	Mm.4871
23625	38035	AI839353	TC186742	intracellular chloride channel	Mm.22409
17691	26212	AI838861	TC190502	null	Mm.41399
43030	77815	AI841753	TC205593	null	Mm.33558
37131	51732	AI841809	TC160142	Smt3A protein	Mm.24433
605972	625646	AI840407	null	null	Mm.39555
108794	128975	AI839909	null	null	null
145978	149085	AI841424	null	null	null
15327	18663	AI841478	null	null	null
169615	192698	AI839875	null	null	null
56306	76483	AI839924	TC181197	null	Mm.44108
45193	63297	AI841437	TC210084	null	Mm.41828
26054	23586	AI841490	TC162575	sulfonylurea receptor-1	Mm.20868
15483	24131	AI839063	TC162676	null	Mm.40355
20776	28102	AI837687	TC158492	null	Mm.27536
264776	559388	AI837745	TC200445	telomerase binding protein p23	Mm.22421
130403	111763	AI840979	TC160256	succinyl-CoA synthetase	Mm.29845
38558	42855	AI839072	null	null	null
181048	205006	AI837697	TC187278	magnesium dependent protein ph	Mm.3766
96893	158762	AI840938	TC160561	null	Mm.21859
9835	16057	AI841038	TC203381	null	Mm.41000
20502	37670	AI839009	TC200046	null	Mm.29902
67147	59532	AI839501	TC169526	null	null
0	0	AI839536	TC161141	null	Mm.14992
107422	126946	AI839445	null	null	null
6434	6271	AI839023	null	null	null
14710	14783	AI839512	TC174366	mitochondrial inner membrane t	Mm.2368
6341	11471	AI839550	TC188066	null	Mm.40726
0	0	AI839461	TC165325	null	null
80465	76208	AI841534	null	null	Mm.39564
14247	19700	AI841117	TC162048	null	Mm.41673
42285	56274	AI842011	TC175909	null	Mm.29219
0	0	AI840815	TC162001	null	Mm.25269
8341	9718	AI841082	TC202340	erythroid ankyrin	Mm.4789
16692	22339	AI841125	null	null	Mm.17446
46738	56671	AI842029	TC202127	null	Mm.28537
49895	61778	AI840831	null	null	null
35730	36333	AI837769	TC200208	keratinocyte growth factor rec	Mm.16340
85132	160938	AI837822	TC158866	ribosomal protein L37a	Mm.21529
168566	199702	AI840724	null	null	null
11953	10439	AI840776	null	null	null
0	0	AI837781	null	null	null
4838	6711	AI840880	null	null	null
0	0	AI840740	null	null	null
12613	11537	AI841046	TC189796	mGLT-1A	Mm.2861
50041	57688	AI839347	TC161154	null	Mm.28760
13254	23211	AI838848	TC187361	null	Mm.29412
145628	133160	AI841743	TC160039	nonclathrin coat protein zeta-	Mm.29473
77367	97470	AI841801	TC160828	tumor susceptibility protein T	Mm.22688

12995	11736	AI839355	TC200382	PCTAIRE-1 protein kinase	Mm.4597
16769	13505	AI838864	null	null	Mm.40768
29879	50682	AI841755	TC158998	RHOB	Mm.687
0	0	AI841810	TC201124	ornithine decarboxylase antizy	Mm.675
1205015	1066621	AI840409	TC196395	null	Mm.40101
18450	21508	AI839911	TC173715	tetracycline transporter-like	Mm.3792
86004	95249	AI841426	TC174505	null	Mm.29829
2604639	2134419	AI841479	TC188425	null	Mm.29096
17524	13321	AI839876	TC203627	null	Mm.28376
42883	51653	AI839925	TC201961	null	Mm.21474
18619	22330	AI841439	null	null	null
11446	14513	AI841492	TC207033	null	Mm.44110
18739	16075	AI839064	null	null	null
10911	9817	AI837688	TC175181	null	Mm.18311
31568	28817	AI840930	null	null	null
13858	21719	AI840980	TC164006	null	Mm.29320
38602	40402	AI839079	TC188245	nervous system-specific RNA bi	Mm.3823
267222	300441	AI837699	null	null	null
66486	68483	AI840941	TC201742	null	Mm.27561
824340	645300	AI841041	TC161668	null	Mm.10717
30673	21534	AI839010	null	null	Mm.40407
63276	75030	AI839503	TC187977	null	Mm.24575
36886	52113	AI839539	TC202591	null	Mm.35843
67972	82963	AI839447	TC158458	null	Mm.38248
10400	12320	AI839025	null	null	Mm.25311
18281	24077	AI839513	TC188453	ES2 protein	Mm.10094
34199	40458	AI839384	TC166005	null	Mm.23307
0	0	AI839665	TC201110	H5	Mm.2214
18550	26424	AI841535	TC189014	null	Mm.34047
35742	43216	AI841118	null	null	Mm.36865
65350	95908	AI842014	TC190872	null	Mm.29950
17726	22464	AI840823	null	null	null
190998	242904	AI841084	TC160985	null	Mm.28870
19844	23400	AI841128	TC205174	null	Mm.41564
20683	22678	AI842033	null	null	null
863785	766060	AI840835	null	null	Mm.39797
68962	95322	AI837780	TC159811	thioredoxin-related protein	Mm.19169
17928	23199	AI840869	TC186465	null	Mm.21840
0	0	AI840731	TC202701	null	Mm.41897
113592	133194	AI840781	TC192292	null	Mm.40685
142903	162123	AI837783	null	null	null
36719	43926	AI840884	TC187707	null	Mm.29741
72922	80005	AI840741	null	null	null
38482	47392	AI841048	TC199989	ISRE-binding protein	Mm.4280
8542	5263	AI839348	TC177027	null	Mm.11582
0	0	AI838850	TC161171	null	Mm.28703
33220	46936	AI841746	TC157675	spindlin	Mm.42193
17097	25720	AI841802	TC157633	Seryl-RS	Mm.28688
0	0	AI839356	null	null	Mm.39338
48275	48524	AI838866	null	null	Mm.39329
0	0	AI841757	TC157564	null	Mm.32198

95840	83206	AI841811	TC175199	DXImx39e protein	Mm.29596
5442	4655	AI839865	TC175416	precursor polypeptide (AA -17	Mm.4915
12119	26396	AI839913	TC201591	MAL	Mm.39040
86780	109993	AI841427	TC161846	null	Mm.12193
50769	48825	AI841480	TC190889	null	Mm.24524
110542	100963	AI839881	TC157231	ENO2	Mm.3913
102329	139032	AI839929	TC210076	null	Mm.44623
28443	32906	AI841440	TC161566	null	Mm.28778
38795	40708	AI841494	TC189132	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.36174
67806	122209	AI839067	TC187158	hypothetical protein A	Mm.3752
86929	81118	AI837689	null	null	Mm.34775
94807	137032	AI840931	TC200138	FK506-binding protein	Mm.27941
58826	73138	AI840993	TC175233	null	Mm.23814
37061	43260	AI839082	TC190260	null	Mm.2775
71072	65313	AI837701	TC175896	null	Mm.29360
20090	28287	AI840943	TC203432	null	Mm.41882
12432	8181	AI837747	TC175247	null	Mm.34169
0	0	AI839014	TC202701	null	Mm.41897
174749	137495	AI839506	TC161329	Sac1 protein	Mm.45214
110380	117626	AI839541	null	null	Mm.40088
40389	40324	AI839448	null	null	null
21342	21779	AI839027	TC175698	null	Mm.34914
0	0	AI839515	TC174201	null	Mm.23686
17122	20037	AI839386	TC169563	null	Mm.32723
13534	19910	AI839681	TC187798	null	Mm.29795
205020	198019	AI841536	null	null	null
52960	56331	AI841121	null	null	null
38146	46299	AI842020	TC159430	myelin basic protein	Mm.2992
12764	15584	AI840824	TC205325	null	Mm.5209
37297	85798	AI841088	TC202020	null	Mm.28895
16727	13242	AI841134	null	null	null
0	0	AI842035	null	null	Mm.40800
109761	114701	AI840836	TC159762	G protein beta subunit like	Mm.29453
27521	30043	AI837771	TC161039	null	Mm.27831
269314	337366	AI840873	TC157727	kinesin heavy chain	Mm.2632
84085	83566	AI840732	null	null	null
208744	249800	AI840782	null	null	null
80487	82568	AI837786	TC163616	null	Mm.24385
48867	42009	AI840889	TC160977	vacuolar adenosine triphosphat	Mm.20476
55904	58549	AI840742	TC189531	null	null
0	0	AI841051	null	null	null
19736	20413	AI839349	TC160426	null	Mm.22086
55758	106046	AI838852	TC160312	null	Mm.28291
8585	14242	AI841750	TC162817	null	Mm.41829
840185	794821	AI841804	TC158242	nucleoside diphosphate kinase	Mm.1260
65452	46607	AI839360	TC187231	null	Mm.30163
161024	98202	AI838867	TC200060	malate dehydrogenase	Mm.3156
0	0	AI841759	TC159935	matrin3	Mm.69078
25105	24957	AI841812	TC173945	null	Mm.27272
35607	62589	AI839869	TC160420	contains transmembrane (TM) re	Mm.29870
250532	420928	AI839914	TC199942	null	Mm.3428

1499099	1385950	AI841431	null	null	Mm.40113
133308	183760	AI841481	TC158500	null	Mm.32508
73954	71625	AI839882	TC201137	null	Mm.21911
348299	345779	AI839932	TC158172	heat shock-like protein	Mm.1843
20008	17942	AI841445	null	null	Mm.37811
33209	44351	AI841498	TC160111	C10	Mm.22195
0	0	AI839068	TC186931	null	Mm.3774
17832	19942	AI837690	TC205691	double-stranded RNA specific a	null
115741	120559	AI840932	TC186948	cornichon	Mm.3261
141307	202482	AI841031	TC160341	null	Mm.29865
44755	52354	AI839083	TC175433	pseudouridine synthase 1	Mm.23653
119143	137212	AI837705	TC200126	p59 immunophilin	Mm.12758
64460	67172	AI840945	null	null	Mm.2632
244328	221397	AI837748	TC159135	null	Mm.21569
90849	87241	AI834850	TC160394	AES-2 protein	Mm.2626
25915	19876	AI839508	TC202845	null	Mm.41269
7613	10512	AI839542	TC201546	null	Mm.34798
148265	138140	AI839452	null	null	null
66610	101520	AI834852	TC199923	ribosomal protein S19	Mm.22103
1004779	823772	AI839516	null	null	null
57376	60099	AI839392	TC200405	null	Mm.24174
36198	44873	AI839689	TC161389	unnamed protein product	Mm.28911
15288	19560	AI841073	null	null	Mm.39802
42519	51131	AI841122	null	null	Mm.39804
108319	141964	AI842022	TC173153	PR65	Mm.1034
17800	28691	AI840826	TC201108	null	Mm.38488
9263	15569	AI841090	TC157918	alpha 2,3 sialyltransferase	Mm.38248
0	0	AI841135	TC188684	null	Mm.28646
63014	74771	AI842038	TC162031	null	Mm.29587
24050	23792	AI840839	null	null	null
8181	10326	AI837772	TC176930	null	Mm.39474
24011	26371	AI840874	TC205610	null	Mm.41321
50048	38872	AI840734	null	null	null
403054	462970	AI840786	TC160657	SKD3	Mm.3990
8336	11440	AI837791	TC202002	imogen 44	Mm.1841
11222	13287	AI840891	null	null	Mm.51150
14394	10143	AI840744	TC200408	protein co-factor	Mm.27842
133730	110896	AI841059	TC174876	cyclin C protein	Mm.4300
0	0	AI839351	TC205209	null	Mm.39787
45545	48825	AI838853	TC157865	ubiquitin C-terminal hydrolase	Mm.47405
45029	53345	AI841751	TC174878	tetraspanin Tspan-5	Mm.31927
6755	12603	AI841805	TC189044	null	Mm.35841
0	0	AI839362	TC200982	null	Mm.7261
11036	10559	AI838870	TC174709	null	Mm.5265
29732	36051	AI841763	null	null	Mm.37811
0	0	AI838987	TC190403	null	Mm.40298
9021	5110	AI839870	null	null	null
81545	69566	AI839919	null	null	null
45768	51744	AI841432	TC159913	null	Mm.27429
14232	12514	AI841484	TC160486	unnamed protein product	Mm.5166
13848	16605	AI839884	TC175587	null	Mm.27233

21865	25446	AI839934	TC193605	null	Mm.40417
169854	159294	AI841447	null	null	Mm.40791
51336	63051	AI841499	TC161522	Bodenin	Mm.29258
0	0	AI839069	TC210035	null	Mm.39332
81703	91704	AI837694	TC174374	NG26	Mm.43745
56436	71317	AI840933	null	null	Mm.39801
36307	54258	AI841034	TC200398	UBE-1c2	Mm.42795
39746	55163	AI839084	TC169484	null	Mm.39542
83570	85896	AI837706	TC165274	null	Mm.35041
56917	75426	AI840949	TC160117	argininosuccinate synthetase (Mm.3217
0	0	AI837749	TC161788	null	Mm.40070
83055	83918	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
36129	41740	AI839509	TC188049	Dcra	Mm.7472
49643	87328	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
0	0	AI839453	TC165868	null	Mm.40314
65436	57307	AI834854	null	null	Mm.39104
48169	35879	AI839517	TC161124	null	Mm.34711
38006	33706	AI839394	TC177986	null	Mm.32422
78149	64166	AI839690	TC157760	null	Mm.25034
84171	105763	AI841075	TC200284	null	Mm.29868
29518	26706	AI841123	TC188158	null	Mm.34525
22600	19379	AI842024	TC210063	null	Mm.39567
94053	94113	AI840828	TC201495	unknown	Mm.32548
7598	18213	AI841091	TC188493	null	Mm.61318
24073	17744	AI841136	TC192305	null	Mm.40340
19192	19974	AI842039	TC206350	null	Mm.41676
42105	51974	AI840840	TC173671	null	Mm.29714
7429	12873	AI837773	TC189298	metallopeptidase	Mm.44420
80253	117725	AI840876	TC159924	retinoblastoma-binding protein	Mm.1603
464786	720424	AI840736	null	null	null
120960	107158	AI840788	null	null	Mm.40428
66573	78486	AI837793	TC200720	null	Mm.29965
19727	24266	AI840892	TC187271	null	Mm.11112
72089	76230	AI840745	TC200362	ablphilin-1	Mm.695
33711	29161	AI841061	TC162440	null	Mm.41786
83411	87004	AI841245	TC177207	null	Mm.40485
212669	173059	AI841290	null	null	null
66791	63081	AI841333	null	null	null
5507	6737	AI841365	TC159928	null	Mm.22514
19489	24985	AI841264	TC163373	alpha-endosulfine	Mm.30611
50386	92822	AI841296	TC160893	proteolipid protein 2	Mm.18565
210546	139022	AI841340	TC160000	null	Mm.22227
22139	36503	AI841373	TC157785	latexin	Mm.2632
22626	72706	AI842661	TC175146	null	Mm.29948
0	0	AI846433	TC190534	null	Mm.41016
9724	9745	AI846570	TC203315	null	Mm.38295
0	0	AI846608	TC157665	tctex-1 protein	Mm.1948
0	0	AI846402	null	null	Mm.40484
0	0	AI846446	TC194253	neurocan	Mm.4778
0	0	AI846580	TC157950	null	Mm.37602
9934	16771	AI846615	TC188978	null	Mm.22379

4833	10050	AI842931	TC196294	null	Mm.40810
33203	44280	AI842966	TC200467	null	Mm.29773
0	0	AI843552	TC179778	null	Mm.39575
8990	8270	AI843629	TC173207	guanine nucleotide dissociatio	Mm.5236
0	0	AI842939	TC190621	tryptophan hydroxylase	Mm.4421
4561	7366	AI842979	TC189359	unnamed protein product	Mm.23158
35554	54304	AI843564	null	null	Mm.27415
32865	36525	AI843644	TC157238	null	Mm.36685
42401	43714	AI845561	null	null	null
16623	24518	AI845602	TC187924	PDGF receptor precursor	Mm.4146
68585	66328	AI845643	TC186405	null	Mm.10009
0	0	AI845695	TC190754	null	Mm.39480
9699	12927	AI845572	TC182777	null	Mm.39380
35347	44708	AI845611	TC203032	null	Mm.30734
22540	34092	AI845663	TC167632	null	null
39534	44362	AI845699	TC161277	protein tyrosine phosphatase P	Mm.4220
33533	38738	AI846640	TC200721	null	Mm.34103
0	0	AI845842	TC170012	null	Mm.40474
21405	26338	AI845875	TC200821	mitochondrial outer membrane p	Mm.20843
65563	76696	AI843515	TC175143	ESG protein	Mm.24255
16470	23265	AI845815	TC175049	null	Mm.18228
66770	91581	AI845854	TC186685	null	Mm.29916
136072	185594	AI845883	TC200445	telomerase binding protein p23	Mm.22421
28574	40940	AI843526	TC159678	cyclin ania-6a	Mm.5293
24649	35778	AI842687	TC178489	null	Mm.45211
22031	27294	AI842742	TC200039	neuroendocrine secretory prote	Mm.17446
16169	22619	AI847180	null	null	Mm.40853
169554	170174	AI843034	null	null	null
0	0	AI842702	null	null	null
55094	80189	AI847139	TC161319	null	Mm.23566
0	0	AI847189	TC177983	170 kDa glucose regulated prot	null
13624	21338	AI843052	TC175926	null	Mm.37837
131009	246016	AI841246	TC187123	eIF3 p66	Mm.3955
318797	592188	AI841291	null	null	Mm.40111
367438	648112	AI841334	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
75507	98851	AI841367	TC201798	null	Mm.28978
52640	64120	AI841256	null	null	null
20232	23561	AI841298	TC187639	null	Mm.23671
347597	426116	AI841344	TC158172	heat shock-like protein	Mm.1843
48169	57560	AI841374	TC201357	null	Mm.8356
20485	24694	AI842662	TC207127	null	Mm.39821
0	0	AI846434	null	null	Mm.28013
40218	41109	AI846572	TC187465	null	Mm.37516
128864	267454	AI846609	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
15619	28993	AI846404	TC161124	null	Mm.41531
0	0	AI846447	null	null	null
48032	87458	AI846582	TC187038	Sm-D autoantigen	Mm.603
69776	61732	AI846617	TC164244	null	Mm.45775
18281	23846	AI842933	TC162713	null	Mm.36753
38937	64543	AI842967	TC186433	null	Mm.27074
281940	300520	AI843553	TC158844	immunoglobulin heavy chain-bin	Mm.918

36755	40083	AI843631	TC161682	DNA helicase	Mm.3674
20479	24300	AI842940	TC203909	null	Mm.22370
42340	58168	AI842980	TC158956	myeloid associated differentia	Mm.29874
100893	134514	AI843565	TC200088	CCT (chaperonin containing TCP	Mm.6821
26524	34555	AI843645	TC176955	null	Mm.28448
15900	15818	AI845564	TC189570	null	Mm.6128
17182	22316	AI845605	TC204339	null	Mm.36081
27437	31652	AI845650	TC189428	null	Mm.32011
0	0	AI845686	null	null	Mm.39382
20039	25786	AI845573	TC190107	null	Mm.30095
0	0	AI845612	TC174512	F41	Mm.21673
0	0	AI845664	TC174429	null	Mm.21070
0	0	AI845700	null	null	Mm.39847
19685	18635	AI845803	TC175912	null	null
22952	25307	AI845844	TC175891	null	Mm.23222
9395	12531	AI845876	TC192950	null	Mm.40163
57874	90589	AI843517	TC186505	null	Mm.21802
0	0	AI845817	TC179651	homeodomain protein	Mm.8008
23758	24973	AI845855	TC187163	zinc finger protein 289	Mm.43636
87676	117127	AI845884	TC175056	null	Mm.27683
18469	19770	AI843529	null	null	Mm.39572
97999	103767	AI842688	TC173675	null	Mm.29580
35771	37451	AI847127	TC160041	null	Mm.44123
25292	25088	AI847181	TC166337	null	Mm.39200
38776	83710	AI843035	TC189794	null	Mm.2861
167583	241420	AI842703	TC173058	alpha-1 type-III collagen prec	Mm.4271
0	0	AI847140	TC188706	null	Mm.31527
27104	33663	AI847197	TC161407	PalBH	Mm.24778
35314	23610	AI843055	TC157850	null	Mm.24876
106505	156064	AI841247	TC162488	null	Mm.41711
675787	1376708	AI841292	TC158974	contains transmembrane (TM) re	Mm.15985
667219	908421	AI841335	null	null	null
850226	819132	AI841368	null	null	null
37797	41438	AI841257	TC163002	null	Mm.41924
28132	29713	AI841302	TC206902	null	null
319136	408978	AI841345	TC160219	14-3-3 eta protein	Mm.3308
24826	25238	AI841375	TC189477	null	Mm.27265
29462	32304	AI842663	TC164349	null	Mm.40293
40574	51087	AI846435	TC202302	ecotropic viral integration si	Mm.24020
10552	6999	AI846573	TC162803	beta-B1 crystallin	Mm.29488
23569	21150	AI846611	TC204518	null	Mm.45218
0	0	AI846405	TC169447	null	Mm.25777
63876	73323	AI846449	null	null	null
29863	44464	AI846584	TC201009	COP9 complex subunit 3	Mm.40
0	0	AI846619	TC174767	calmodulin dependent phosphata	Mm.8302
11878	12551	AI842934	TC200280	dystroglycan	Mm.7524
24673	24360	AI842968	TC161684	null	Mm.12184
12433	10195	AI843554	TC201491	coilin p80	Mm.29736
23933	33323	AI843635	TC176695	tescalcin	Mm.26378
13743	14901	AI842941	TC187954	null	Mm.2822
19224	28408	AI842981	TC188367	null	Mm.33970

0	0	AI843566	TC202578	nuclear factor kappa B subunit	Mm.20225
29766	39783	AI843646	TC158364	Rab11b	Mm.35727
0	0	AI845566	null	null	Mm.39594
6264	6904	AI845606	TC189502	null	Mm.35302
113026	151605	AI845651	null	null	null
453743	537614	AI845688	TC159775	null	Mm.2795
22858	27073	AI845574	TC207561	null	Mm.41830
15533	18689	AI845613	TC188406	null	Mm.24543
80562	86545	AI845665	null	null	null
94216	94397	AI845702	TC163746	transcription repressor Ring1A	Mm.20343
0	0	AI845807	TC203010	null	Mm.27540
0	0	AI845846	null	null	null
26688	26431	AI845877	TC174555	null	Mm.27259
6931	7319	AI843519	TC204692	null	Mm.23434
5238	8443	AI845818	TC189238	null	Mm.44180
27099	37228	AI845857	TC167906	null	null
29780	47212	AI845885	TC201159	KIAA312p	Mm.27372
66717	67321	AI843530	null	null	null
0	0	AI842693	null	null	Mm.40807
12316	19509	AI847129	TC188343	11-beta-hydroxysteroid dehydro	Mm.28328
0	0	AI847192	TC174408	Hox-7 protein	Mm.870
0	0	AI843036	TC202658	null	Mm.49259
34854	51667	AI842707	null	null	Mm.40808
27078	38926	AI847142	TC174468	null	Mm.7361
91472	91418	AI842989	TC174637	null	Mm.2053
11204	21654	AI843056	TC164923	Cegp1 protein	Mm.40447
0	0	AI841249	TC202102	null	Mm.58554
358748	270300	AI841293	TC158323	null	Mm.2632
14918	20747	AI841336	TC207163	null	Mm.40705
115985	126698	AI841370	null	null	null
770558	614064	AI841258	null	null	null
12827	10460	AI841303	TC201514	calmodulin-binding protein	Mm.1222
489369	296407	AI841346	TC173392	glutathione transferase (EC 2.	Mm.2011
27046	34034	AI841376	TC188047	protein phosphatase 5; PP5	Mm.3294
0	0	AI846398	TC158257	null	Mm.27846
8199	12846	AI846437	TC163457	null	Mm.20883
84882	66231	AI846576	TC174135	null	Mm.2033
5751	6587	AI846612	TC201355	null	Mm.5293
0	0	AI846406	TC200041	null	Mm.44906
8197	19465	AI846451	TC200864	null	Mm.41116
10842	9641	AI846587	TC201433	KAP3A	Mm.4651
0	0	AI846620	TC206869	null	Mm.44116
0	0	AI842935	null	null	null
13823	14783	AI842974	TC203484	null	Mm.16963
38882	51994	AI843557	null	null	null
26510	32273	AI843638	TC161179	ubiquitin-conjugating enzyme U	Mm.1485
99422	90365	AI842942	TC164659	null	Mm.33537
26779	40746	AI842983	null	null	null
22942	30956	AI843568	null	null	null
16361	33105	AI843647	null	null	Mm.41430
57522	68814	AI845567	TC160551	copper transport protein Atox1	Mm.9703

61737	50187	AI845607	TC187552	null	Mm.27243
56584	50704	AI845655	TC176520	null	Mm.41581
10787	10219	AI845689	TC173302	P2B/LAMP-1	Mm.16716
18863	22630	AI845575	TC210012	null	null
21006	25503	AI845617	TC162121	null	Mm.18783
91285	101502	AI845667	TC159100	null	Mm.104
52654	34388	AI845703	TC175931	null	Mm.36823
12726	23025	AI845809	TC208654	null	Mm.39193
12380	9228	AI845847	null	null	Mm.39849
456412	335039	AI845880	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
167572	191666	AI843520	TC161850	null	Mm.23842
77987	79883	AI845819	TC187464	retinoblastoma binding protein	Mm.24216
66351	63294	AI845858	TC163172	null	Mm.21158
86984	129813	AI845886	TC160915	eRF1	Mm.3845
29921	35649	AI843531	TC162066	calcitonin gene-related peptid	Mm.18072
31284	34253	AI842696	TC158447	null	Mm.22145
28740	27355	AI847131	TC188464	Ankhzn	Mm.10313
33824	29330	AI847194	TC203246	null	Mm.61702
62834	110421	AI843041	TC199961	25kDa nuclear protein	Mm.19117
100161	115546	AI842715	TC174064	null	Mm.26599
19992	44775	AI847148	TC175664	null	Mm.21767
241871	234900	AI842990	TC160182	null	Mm.22467
12850	13299	AI843057	TC176358	null	Mm.38408
34332	41100	AI841252	TC158333	putative secreted protein SIG9	Mm.44220
89076	119587	AI841294	TC206613	null	Mm.41240
187958	195610	AI841338	TC158923	unnamed protein product	Mm.28650
18548	22162	AI841371	TC163396	null	null
88536	103514	AI841260	TC158834	unnamed protein product	Mm.20877
607877	723220	AI841304	null	null	null
202587	172295	AI841348	TC160135	SNRPN upstream reading frame p	Mm.43721
22673	19854	AI841377	TC174068	null	Mm.28872
0	0	AI846399	TC165620	null	Mm.39499
28962	35367	AI846439	TC175240	null	Mm.28455
0	0	AI846577	TC192397	null	Mm.40487
20269	17210	AI846613	TC177061	null	null
16464	14907	AI846408	TC206117	null	Mm.32080
26705	26745	AI846455	TC178776	null	Mm.41516
8076	8286	AI846589	TC176224	null	Mm.21524
33889	38687	AI846621	TC160625	null	Mm.29390
74605	90619	AI842937	TC176326	null	Mm.37736
11369	9945	AI842975	null	null	null
75283	100363	AI843558	TC199970	null	Mm.21953
14460	12921	AI843639	TC164047	null	Mm.34924
19863	25201	AI842943	TC202939	null	Mm.22645
41770	69229	AI842984	TC187556	tenascin precursor	Mm.980
172939	149418	AI843570	TC191980	null	Mm.40814
25592	22850	AI843648	TC161374	murine arylsulfatase A	Mm.620
7874	7092	AI845568	TC201381	null	Mm.40158
9044	7403	AI845608	TC201260	profilin II	Mm.20399
59446	55947	AI845657	TC200308	BTEB-1 transcription factor	Mm.40718
13721	8805	AI845696	TC187627	null	Mm.29614

14599	15580	AI845576	TC188412	paraoxonase 2	Mm.22681
37789	47555	AI845618	TC174859	null	Mm.20921
30595	37447	AI845668	TC203898	null	Mm.39291
0	0	AI845704	TC191400	null	Mm.40270
32765	42395	AI845812	TC162614	null	Mm.17665
15325	17278	AI845850	TC186792	LNR42	Mm.27728
17099	12766	AI845881	TC191438	null	Mm.41024
41635	35084	AI843524	TC188874	tyrosine phosphatase	Mm.3414
141235	239275	AI845820	TC173137	vimentin	Mm.7
42778	62260	AI845860	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
12348	12806	AI845887	TC188600	unnamed protein product	Mm.41180
0	0	AI843532	TC173463	null	Mm.21819
18790	18986	AI842697	null	null	Mm.2632
185228	108295	AI847132	null	null	null
12847	13842	AI847195	TC190015	Evf protein	Mm.23592
216817	370101	AI843046	TC188102	null	Mm.27685
126740	325898	AI842716	TC174043	null	Mm.24155
176926	130399	AI847151	TC201722	null	Mm.41641
0	0	AI842993	null	null	Mm.36612
0	0	AI843058	TC164114	null	Mm.17668
95232	109786	AI841262	TC165091	null	Mm.40001
70844	52575	AI841295	TC174978	null	Mm.27395
49602	43162	AI841339	TC190789	null	Mm.41789
0	0	AI841372	TC175415	null	Mm.29846
19110	22427	AI841267	TC160691	SCG10-related protein HiAT3	Mm.2319
16702	17117	AI841306	null	null	null
439736	584170	AI841349	TC160277	null	Mm.29812
34860	45592	AI841379	TC160096	cyclin 3	Mm.7417
385323	372714	AI846401	TC159949	syntenin	Mm.14744
9149	7811	AI846443	TC174652	null	Mm.24601
51668	39096	AI846579	TC175749	null	Mm.29946
0	0	AI846614	TC213499	null	null
10705	15064	AI846409	TC166374	voltage-dependent calcium chan	null
88187	105999	AI846461	null	null	Mm.37214
0	0	AI846590	TC204351	null	Mm.41600
73999	83411	AI846622	TC159097	cell surface molecule OX-2	Mm.14203
88666	86893	AI842938	TC175316	null	Mm.26242
86610	50995	AI842977	TC176698	null	Mm.31203
47742	43197	AI843561	TC190886	null	Mm.42357
13767	10881	AI843642	TC196301	null	null
46206	47321	AI842946	TC176556	null	Mm.41810
35288	56832	AI842985	TC176220	null	null
12834	12432	AI843571	TC160865	null	Mm.2275
14032	22978	AI843650	TC173418	null	Mm.24455
11350	9392	AI845571	TC190070	null	Mm.40357
16458	13232	AI845609	TC176186	null	Mm.41759
16664	15736	AI845662	TC165226	null	Mm.39191
15536	13832	AI845698	TC173596	SATB1	Mm.4381
31716	52744	AI845577	TC188677	RA70	Mm.10019
0	0	AI845619	TC177933	null	Mm.40828
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0	0	AI845706	TC177191	null	Mm.30647
36497	34416	AI845814	TC189086	null	Mm.5353
164609	84246	AI845853	TC173365	BM-90/fibulin	Mm.7358
88503	69544	AI845882	TC188121	null	Mm.20309
51122	40860	AI843525	TC201010	connexin 37 or connexin 37.6	Mm.24615
309845	380508	AI845821	null	null	Mm.40473
63169	55697	AI845861	TC200531	syntaxin 6	Mm.41462
77243	86962	AI845888	TC160030	Sid470p	Mm.27065
94578	74376	AI843535	TC160933	null	Mm.37326
182406	215229	AI842699	TC187317	transmembrane protein TM9SF3	Mm.2986
8112	17703	AI847133	TC208828	null	Mm.39608
54816	42784	AI847188	TC188707	pp105 Rb protein	Mm.304
25622	29102	AI843048	null	null	Mm.32803
7376	5672	AI842717	TC210068	null	Mm.4505
110582	151608	AI847155	TC161339	mitogen- and stress-activated	Mm.20914
26790	24866	AI842994	TC201829	null	Mm.57068
0	0	AI843059	TC177802	null	Mm.37499
0	0	AI843918	TC163386	acupuncture induced protein 1	Mm.23645
0	0	AI847784	TC200825	null	Mm.29798
7662	8434	AI846038	TC174376	null	Mm.27151
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0	0	AI846073	TC177036	null	Mm.37607
9040	12763	AI834924	TC186730	null	Mm.28114
6036	8868	AI846501	TC161801	core promoter binding protein	Mm.33892
11371	15007	AI846542	TC187638	null	Mm.28558
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6583	11986	AI846512	TC158876	histone H3.3A	Mm.16820
0	0	AI846556	TC191740	null	Mm.23657
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94286	188624	AI847260	null	null	null
0	0	AI847351	TC158365	null	Mm.35610
0	0	AI847432	TC201068	null	Mm.32208
9598	9822	AI847464	TC179454	null	Mm.41036
0	0	AI847273	TC203151	null	Mm.22305
19698	15413	AI847398	TC191631	null	Mm.40632
32175	50763	AI847440	TC174217	null	Mm.24220
35214	40398	AI847477	TC177476	afadin	Mm.41655
18491	23987	AI845927	TC192642	null	Mm.35086
29835	36552	AI846895	null	null	null
72229	104228	AI846954	TC160754	null	Mm.40281
74163	93670	AI846269	TC174580	AZ2	Mm.2179
40667	37683	AI845936	TC203371	null	Mm.31221
38383	49074	AI846916	TC173786	null	Mm.27545
15429	19052	AI846966	TC162258	null	Mm.46032
25415	35727	AI846279	TC187132	null	Mm.30145
40201	44534	AI842117	TC201457	null	Mm.41608
19808	28839	AI847303	null	null	null

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28713	30746	AI842127	TC207109	null	Mm.39166
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39540	42475	AI846646	TC161513	null	Mm.41739
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0	0	AI847896	TC187815	null	Mm.35854
33485	44532	AI847554	null	null	null
0	0	AI847837	TC202718	FLASH	Mm.22279
7703	19060	AI847872	TC158478	null	Mm.37811
20237	26331	AI847515	TC189298	metallopeptidase	null
35172	31343	AI847567	TC203020	null	Mm.26724
29877	31937	AI847740	TC189626	null	Mm.34014
186824	286202	AI847785	TC200508	ubiquitin activating enzyme E1	Mm.1104
97426	178342	AI846039	null	null	Mm.11376
38206	47165	AI846052	TC173491	cyclin D-interacting myb-like	Mm.22480
73113	66560	AI847749	TC173353	null	Mm.30159
72409	104143	AI847788	TC186841	null	Mm.24703
29176	34740	AI846086	null	null	Mm.40165
11856	15190	AI846075	TC206849	null	Mm.40478
14101	17599	AI834925	TC170912	null	Mm.39307
0	0	AI846502	TC204008	testican	Mm.5091
21535	25126	AI846543	TC189585	null	Mm.40840
28453	28602	AI842082	TC176044	null	null
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49935	66065	AI846515	TC190854	null	Mm.41465
12727	20528	AI842056	TC163940	null	Mm.40997
42631	46616	AI842090	TC175219	peroxisome proliferator-activa	Mm.12926
56889	81635	AI847261	TC194867	null	Mm.39803
86565	146441	AI847353	TC175943	null	Mm.35754
20286	24138	AI847434	TC188044	membrane-type-5 matrix metallo	Mm.21306
33977	45883	AI847468	TC186841	null	Mm.24703
13550	19374	AI847388	TC161317	null	Mm.34662
29108	35278	AI847400	TC190633	null	Mm.27120
72195	75777	AI847441	TC174325	mSUG1 protein	Mm.665
0	0	AI847478	TC196678	null	null
0	0	AI845928	null	null	null
21334	26099	AI846902	null	null	null
0	0	AI846955	TC170974	null	null
0	0	AI846271	TC202124	pericentriolar material-1	Mm.28192
46566	44573	AI845938	TC202203	null	null
28364	22727	AI846919	TC178871	null	null
0	0	AI846237	TC174465	null	Mm.8540
14698	20014	AI846282	null	null	Mm.10964
0	0	AI842118	TC176650	null	Mm.27495
6542	9051	AI847304	TC170002	null	Mm.51563
4528	4713	AI847387	TC209997	null	Mm.39860
0	0	AI846671	TC161807	mouse parvalbumin	Mm.2766
4457	14141	AI842128	TC189901	null	Mm.41880

73956	111364	AI847356	TC190143	null	Mm.18979
93644	125222	AI846647	TC187353	carnitine palmitoyltransferase	Mm.18522
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14161	20993	AI847830	TC205857	null	Mm.41049
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68831	99537	AI847838	TC175284	null	null
10560	10004	AI847873	TC163439	fractionated X-irradiation-ind	Mm.1645
11664	11744	AI847519	null	null	Mm.35426
35200	40303	AI847568	TC202144	cyclin-dependent protein kinas	Mm.4414
12055	19513	AI847741	null	null	null
25298	45247	AI847777	TC176278	null	Mm.25751
21603	22951	AI846040	TC161346	null	Mm.46653
17846	8551	AI846061	TC158593	null	Mm.38362
60077	69442	AI847750	TC176663	invasion inducing protein	Mm.1211
15043	17811	AI847791	TC178209	acetylcholinesterase	Mm.3142
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114042	115449	AI845892	TC161577	null	Mm.28972
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35640	43934	AI846544	TC161945	RNA polymerase II subuunit RPB	Mm.4896
22957	24477	AI842083	TC175379	null	Mm.2420
16313	23340	AI846476	TC173105	null	Mm.29048
69046	77061	AI846517	TC161718	cytochrome B561	Mm.18942
41749	64880	AI842057	TC188854	IgD B-cell receptor-associated	Mm.4236
102972	94927	AI842091	TC161357	TGN38B precursor	Mm.9940
7926	12008	AI847264	TC177176	null	Mm.23791
85845	83213	AI847354	TC158504	null	Mm.1776
6867	9683	AI847435	TC188477	Sox10	Mm.1493
32750	28883	AI847469	TC178727	null	Mm.44163
13320	18493	AI847389	TC174255	connexin 30	Mm.25652
36690	57501	AI847403	TC167576	null	Mm.44548
25972	24960	AI847443	TC189578	8-oxo-dGTPase	Mm.2539
25850	31324	AI847480	TC170180	null	Mm.54511
0	0	AI845930	TC161385	null	Mm.41164
9411	8819	AI846903	TC210002	null	Mm.39607
28955	30867	AI846960	TC162860	null	Mm.25450
22519	25550	AI846272	TC182780	null	Mm.44751
40767	69148	AI845939	TC204025	null	Mm.40832
30684	37456	AI846922	TC189403	null	Mm.41224
81522	95487	AI846238	TC163904	null	Mm.27231
125939	113492	AI846283	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
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9171	10300	AI847306	TC176279	null	Mm.40854
8501	9916	AI846642	TC179783	null	Mm.41590
15027	18939	AI846672	TC205030	null	Mm.27054
68328	47597	AI842131	TC173235	H+ ATP synthase	Mm.258
0	0	AI847357	null	null	Mm.39395
0	0	AI846648	TC192030	null	Mm.40842
33862	34132	AI846681	TC157352	null	Mm.17261

0	0	AI847831	TC176170	null	Mm.25427
10159	6985	AI847865	TC187666	HNF-3/fork-head homolog-1	Mm.455
7979	9655	AI847507	TC187008	null	Mm.17173
46093	45276	AI847556	null	null	Mm.37214
40322	69533	AI847839	null	null	Mm.39203
82888	68118	AI847875	TC161821	null	Mm.21832
27662	32084	AI847520	TC197032	null	null
92789	125473	AI847571	TC159935	matrin3	Mm.25575
0	0	AI847742	TC183484	null	null
43139	77307	AI847778	TC174979	alpha-N-acetylgalactosaminidas	Mm.20325
17210	15117	AI846041	TC201326	null	Mm.3572
72629	92000	AI846062	TC175082	peroxisome membrane protein PE	Mm.16453
45410	57454	AI847752	TC174586	null	Mm.27476
51009	68302	AI847793	TC160987	H19	Mm.25203
7555	14975	AI846092	TC176777	Smad interacting protein 1	null
0	0	AI845893	TC203449	Lim-homeodomain protein Islet1	Mm.42242
18744	25522	AI834929	TC201267	small nuclear RNA	Mm.4633
3647	5364	AI846505	TC160245	null	Mm.12864
16883	25045	AI846548	null	null	null
19132	22575	AI842085	TC202000	null	Mm.25042
0	0	AI846477	TC190735	null	null
42985	50154	AI846518	null	null	Mm.43850
71785	74795	AI842058	null	null	Mm.39354
38697	46890	AI842092	TC174878	tetraspanin Tspan-5	Mm.41448
10280	7755	AI847267	TC177633	null	Mm.45745
400312	253866	AI847355	TC200194	cytochrome c	Mm.35389
17878	16987	AI847436	TC201431	protein arginine methyltransfe	Mm.41705
0	0	AI847472	TC187321	null	Mm.41027
57808	77767	AI847392	TC188483	null	Mm.12468
9962	9574	AI847404	null	null	Mm.4550
30040	29136	AI847444	TC161622	replication factor C, 40kDa su	Mm.27855
27541	34970	AI847481	TC158430	null	Mm.2632
71297	75561	AI845932	TC176343	null	Mm.21989
0	0	AI846913	TC205124	null	null
18725	19787	AI846961	TC187740	null	Mm.24821
91377	87440	AI846273	TC203097	null	Mm.28335
91979	91140	AI845940	TC200831	null	Mm.3373
0	0	AI846923	TC164049	transcription factor	Mm.27015
15033	14908	AI846239	TC193515	null	Mm.58558
13404	15465	AI846285	TC188589	null	Mm.28207
21178	28143	AI842124	TC161089	null	Mm.27863
71495	63012	AI847307	TC187847	null	Mm.24110
15332	17755	AI846643	TC177406	null	Mm.25683
3841	7823	AI846674	TC161883	nuclear transcriptional repres	Mm.6822
0	0	AI847276	TC202927	null	Mm.27469
8024	8409	AI847360	null	null	null
34478	24997	AI846650	TC188566	serotonin transporter	Mm.3907
18288	14814	AI846682	TC189908	proton-dependent high affinity	Mm.25005
23602	33748	AI847832	TC203754	alphaA-CRYBP1	Mm.4808
8588	8388	AI847866	null	null	null
23158	38397	AI847511	TC201879	null	Mm.37562

17065	25776	AI847563	TC200617	null	Mm.31051
9291	14550	AI847844	TC160913	tyrosine protein kinase B (trk	Mm.3993
213088	185783	AI847876	TC201385	null	Mm.29036
16469	16101	AI847521	null	null	null
20723	22984	AI847572	null	null	Mm.40858
39265	44983	AI847745	TC174467	MMAC1	Mm.1591
41331	58923	AI847779	TC164086	null	null
49764	67459	AI846081	TC158482	null	Mm.14245
7758	16009	AI846067	TC160721	null	Mm.43871
16625	21216	AI847755	TC178268	null	Mm.31256
5741	7122	AI847794	TC197027	null	Mm.44325
11243	15294	AI846096	TC174061	multiubiquitin-chain-binding p	Mm.2261
0	0	AI845894	TC162524	ASC-1	Mm.27462
7648	7783	AI834930	TC200886	null	Mm.41792
18246	19358	AI846507	TC188350	dual specificity A-kinase anch	Mm.2969
15270	16747	AI846549	TC202835	null	Mm.5727
288696	338843	AI842086	TC173224	basigin	Mm.726
31494	33767	AI846478	TC203161	warts/lats-like kinase	null
12122	8627	AI846520	TC177490	null	Mm.40334
31745	38743	AI842059	null	null	Mm.15571
10017	13321	AI842094	TC207457	null	Mm.41703
107597	114636	AI847270	TC160517	chloride channel CLC-2	Mm.40496
57361	82459	AI847396	TC174191	null	Mm.34385
112766	189936	AI847437	TC160175	serine-threonine kinase recept	Mm.22584
0	0	AI847474	TC177258	null	Mm.41556
9159	11432	AI847394	TC181059	null	Mm.41834
14929	17714	AI847406	TC165725	null	Mm.41152
15856	20146	AI847445	TC166357	null	Mm.40353
17002	12065	AI847482	TC187197	null	Mm.19973
94508	77476	AI845934	TC174248	null	Mm.29906
74426	60082	AI846914	TC192087	null	Mm.40848
46788	54493	AI846963	TC177029	plasma membrane protein syntax	Mm.24867
29242	29553	AI846274	TC191863	null	Mm.40352
88041	84793	AI845941	TC159075	null	Mm.35731
0	0	AI846924	TC158516	frataxin	Mm.7319
63948	60933	AI846240	TC175633	null	null
191805	295444	AI846286	TC176220	null	Mm.28531
0	0	AI842125	TC158552	null	Mm.27248
0	0	AI847310	TC192192	null	Mm.41126
0	0	AI846644	TC189470	null	Mm.31224
11167	11308	AI846675	null	null	Mm.40488
266156	488633	AI847279	TC186373	Mus musculus ribosomal protein	Mm.30806
37635	42391	AI847363	TC160500	null	Mm.27570
44667	45194	AI846651	TC203728	ectodysplasin	Mm.6258
35726	38652	AI846684	TC188604	null	Mm.41629
13977	12616	AI847835	TC188137	null	Mm.31274
16387	12512	AI847868	TC201479	null	Mm.6803
23804	26298	AI847512	null	null	null
13303	19145	AI847564	TC187073	null	Mm.15701
13564	20787	AI847845	TC187602	Cadherin-related neural recept	Mm.15528
36409	31825	AI847877	TC203245	null	Mm.40336

478614	448848	AI847523	null	null	null
67211	422947	AI847573	TC160210	lysyl oxidase-related protein	Mm.21880
49189	53665	AI847747	TC175092	putative gap junction protein	Mm.7604
47764	46981	AI847780	TC200900	MEK binding partner 1	Mm.20922
7307	11968	AI846083	TC206971	null	Mm.41366
0	0	AI846068	TC159454	DRPLA protein	Mm.3172
29904	32967	AI847759	TC202855	null	Mm.40269
12836	16721	AI847797	TC187921	sid2057p	Mm.24231
0	0	AI846097	TC187056	null	Mm.30001
3943	5182	AI845895	TC201477	null	Mm.44905
0	0	AI834932	TC206856	null	Mm.39308
12048	9122	AI846508	TC193472	null	Mm.40839
0	0	AI846555	TC205902	PXR2	Mm.44704
0	0	AI842088	TC193626	null	Mm.39812
109217	93175	AI846481	TC209993	null	null
79576	60160	AI846522	TC176893	null	Mm.12914
41661	51396	AI842060	TC160249	gamma2-adaptin	Mm.10698
573680	395035	AI842095	TC160827	null	Mm.27733
178561	159414	AI847271	TC157705	null	Mm.27378
8192	7659	AI847397	TC182822	null	Mm.40804
24163	28183	AI847438	null	null	Mm.40499
135104	185153	AI847475	TC160328	null	Mm.27591
12090	14155	AI847395	TC165080	null	Mm.40171
37703	57949	AI847409	TC174347	null	Mm.41317
7961	7593	AI847446	TC187249	sodium bicarbonate cotransport	Mm.34747
19508	16527	AI847483	TC186943	null	Mm.43212
90654	71691	AI845935	TC160236	G protein beta 36 subunit	Mm.30267
21852	21380	AI846915	TC166059	null	null
29668	40195	AI846965	null	null	null
8260	9719	AI846275	null	null	null
34762	21153	AI845946	TC187488	heat shock protein 105 kDa bet	Mm.34828
19081	17436	AI846925	TC202814	null	Mm.33754
27648	32302	AI846241	TC205275	null	Mm.39822
107056	105468	AI846288	TC174512	F41	Mm.21673
49198	79580	AI842126	TC189274	null	Mm.31374
13114	13612	AI847315	TC189024	null	Mm.37954
12612	12888	AI846645	TC187725	null	Mm.41307
12027	15901	AI846676	null	null	null
17426	16466	AI847280	null	null	null
0	0	AI847364	TC159156	null	Mm.2632
10270	10568	AI846652	null	null	null
20048	11886	AI846685	TC201358	null	Mm.41202
15169	11724	AI847836	TC177032	null	Mm.58615
30055	34169	AI847870	TC162295	null	Mm.28817
0	0	AI847514	TC200422	null	Mm.33356
18203	21724	AI847565	TC188181	WW-domain oxidoreductase	Mm.33369
55268	90733	AI847846	TC159647	prealbumin	Mm.2108
138310	159882	AI847878	TC188512	null	Mm.20363
16982	17874	AI847524	TC161584	NG28	Mm.29088
18930	27507	AI847575	TC164128	null	null
27741	31184	AI842767	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099

40797	120198	AI842814	TC177585	null	Mm.41546
0	0	AI847003	TC191146	FK506-binding protein 12.6	Mm.20453
0	0	AI848066	TC189662	null	Mm.41925
0	0	AI842778	TC203131	null	Mm.40294
0	0	AI842823	TC201716	null	Mm.11333
0	0	AI847018	null	null	null
0	0	AI848073	TC188581	P400 protein	Mm.2726
200116	168700	AI848157	TC176133	null	Mm.11186
12315	12522	AI848195	TC161251	null	Mm.28171
10956	15583	AI849546	TC197020	null	Mm.40875
8181	7239	AI849607	null	null	Mm.40260
0	0	AI848164	TC176841	null	Mm.835
7276	10615	AI848204	TC201589	null	Mm.31946
13676	12052	AI849566	TC160719	null	Mm.27424
11756	17241	AI849620	TC186910	null	Mm.29144
6609	8968	AI844849	TC163507	Ca ²⁺ dependent activator prote	Mm.5058
18822	25774	AI844879	TC205616	null	Mm.39748
14409	16964	AI849121	TC175955	null	Mm.28557
5453	5649	AI849151	TC164467	alpha1,3-fucosyltransferase IX	Mm.20448
0	0	AI844859	TC162432	null	Mm.41616
0	0	AI844811	TC188173	null	Mm.28024
19222	28465	AI849129	TC173398	synexin	Mm.20794
7459	18784	AI849159	TC176661	null	Mm.32607
36547	35279	AI848098	TC159929	poly-glutamine tract-binding p	Mm.14616
0	0	AI848129	TC191481	null	null
146389	150973	AI845982	TC174006	null	Mm.29192
19255	13793	AI846022	TC200311	fractalkine/neurotactin	Mm.3205
0	0	AI848107	TC201906	null	Mm.28094
0	0	AI848145	TC189313	null	Mm.24633
0	0	AI845991	TC162147	null	Mm.41174
80657	90476	AI847660	TC177509	null	Mm.44755
124325	153758	AI848411	TC186959	B-cell translocation gene-1 pr	Mm.16596
0	0	AI848442	TC186845	null	null
27762	33155	AI848471	TC200784	protein-tyrosine-phosphatase	Mm.29855
50487	62850	AI849511	TC163041	null	Mm.28809
440249	356820	AI848417	TC160120	mitochondrial carrier homolog	Mm.28023
0	0	AI848448	TC190197	null	Mm.38166
41480	60979	AI849476	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
0	0	AI849519	null	null	Mm.39214
103365	162369	AI849181	TC157702	null	Mm.22635
18005	17424	AI849211	TC186458	null	Mm.30175
19455	17324	AI849250	TC187286	vacuolar adenosine triphospat	Mm.1081
0	0	AI849285	TC186912	unnamed protein product	Mm.45559
51322	62160	AI849188	TC186940	tomoregulin-1	Mm.40049
67504	101046	AI849217	TC173272	null	Mm.534
16837	52904	AI849260	TC200694	null	Mm.28538
0	0	AI849293	TC161354	cavatellin-1	Mm.2931
47651	119147	AI842770	TC161323	null	Mm.28777
29834	46395	AI842817	TC193468	null	Mm.40130
46061	54301	AI847007	TC160987	H19	Mm.25203
0	0	AI848067	TC159991	alpha-B crystallin	Mm.178

33985	36271	AI842780	TC165879	null	Mm.49722
53817	63496	AI842824	TC188149	null	Mm.41902
80975	69205	AI847020	TC175717	null	Mm.37950
23421	40262	AI848074	TC187698	BRAK CXC chemokine	Mm.30211
29635	32032	AI848158	null	null	null
7415	9379	AI848197	TC164751	null	Mm.7817
3386	5050	AI849548	TC159170	null	Mm.39408
23696	30870	AI849608	TC160282	APC-binding protein EB1 homolo	Mm.18418
25509	40806	AI848165	TC188497	unnamed protein product	Mm.29668
95697	203767	AI848205	TC160346	null	Mm.884
22733	41100	AI849568	TC162532	null	Mm.25783
56080	70072	AI849622	TC159461	alpha glucosidase II, beta sub	Mm.14244
57396	61838	AI844850	TC190964	null	Mm.41333
63010	107703	AI844880	null	null	Mm.39589
13597	18039	AI849122	null	null	null
0	0	AI849153	null	null	null
28419	29367	AI844860	TC174873	null	Mm.10407
9117	10606	AI844814	TC199940	beta-sarcoglycan	Mm.41280
90050	102187	AI849130	TC203800	unknown	Mm.29235
70566	136293	AI849160	TC201192	cytoplasmic dynein intermediat	Mm.20893
29638	37556	AI848099	TC187809	null	Mm.30709
4738	5349	AI848130	TC159163	null	Mm.41808
21471	22468	AI845983	TC175554	null	Mm.29485
0	0	AI846023	TC190075	null	Mm.3388
10197	14371	AI848108	TC201153	null	Mm.1982
0	0	AI848136	TC179669	null	null
0	0	AI845993	TC176554	null	Mm.18562
15050	16626	AI847661	TC175021	null	Mm.11946
11326	8047	AI848412	TC176317	null	Mm.25699
31712	35898	AI848443	TC189402	ABINI, A20-binding inhibitor o	Mm.24782
50494	92536	AI849463	TC188314	testis specific methyl-CpG bin	Mm.322
5500	6155	AI849512	null	null	null
11300	15501	AI848418	TC189284	null	Mm.45199
11555	12574	AI848449	TC189864	null	Mm.34749
4391	13718	AI849477	TC205209	null	Mm.39787
197436	292126	AI849521	TC160074	casein kinase I-alpha	Mm.1581
24207	20913	AI849182	TC165933	null	Mm.40871
35699	49465	AI849212	TC161713	null	Mm.28964
0	0	AI849251	TC187715	Homeodomain protein Meis2d	Mm.31436
5731	3723	AI849286	TC188954	null	Mm.41863
233235	445614	AI849189	TC200161	null	Mm.1538
8656	13614	AI849218	TC187459	ELKL motif kinase 2 long form	Mm.28678
40609	53813	AI849261	TC175418	R-ras	Mm.257
10167	15865	AI849294	TC187374	type I transmembrane protein F	Mm.22469
63412	128232	AI842771	null	null	Mm.30093
20742	19486	AI842819	TC160438	MECA39	Mm.4606
18234	24260	AI847013	null	null	null
14519	24098	AI848068	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323
40509	49393	AI842782	null	null	Mm.1944
49290	60140	AI842829	TC173961	null	Mm.28402
40824	42453	AI847022	TC189295	null	Mm.30752

39211	55027	AI848076	TC176038	DNA binding protein NFI-C	Mm.5104
25911	29403	AI848159	TC211569	null	null
26463	37041	AI848199	TC162269	null	Mm.41567
25191	18950	AI849552	TC200367	cellular repressor of E1A-stim	Mm.459
24836	31607	AI849609	TC174051	similar to Drosophila dishevel	Mm.3400
19841	25380	AI848167	TC192663	null	Mm.5277
15113	16196	AI848212	TC201125	fumarylacetoacetase	Mm.3798
23616	41349	AI849571	null	null	Mm.39877
33761	37163	AI849625	TC177052	null	Mm.39481
32289	56089	AI844851	null	null	Mm.10406
234929	336683	AI844881	TC173154	dead-box RNA helicase	Mm.18459
24094	23991	AI849123	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
16555	17792	AI849155	TC163089	C9	Mm.2624
75549	129054	AI844861	TC200601	null	Mm.29230
99239	135089	AI844819	TC186761	null	Mm.30005
105570	219878	AI849132	TC161394	null	Mm.38444
47750	92966	AI849161	TC163223	null	Mm.41227
23390	36676	AI848100	TC203345	null	Mm.26019
29061	39315	AI848133	TC200331	null	Mm.29541
0	0	AI845984	null	null	Mm.39194
68828	90059	AI846025	TC173667	null	Mm.24789
106348	125893	AI848110	TC176240	null	Mm.20374
59980	70069	AI845959	TC201639	null	Mm.41907
66559	71835	AI845994	TC160612	null	Mm.29034
51687	54586	AI847663	TC200356	makorin 1	Mm.7198
0	0	AI848413	TC188829	null	Mm.23821
164619	167905	AI848444	TC175142	null	Mm.28056
18114	19408	AI849466	TC192256	null	Mm.22879
102837	113635	AI849515	TC173816	mkf-1	Mm.310
496424	655735	AI848419	TC158876	histone H3.3A	Mm.16820
22538	19962	AI848450	TC178551	null	Mm.39617
43240	59220	AI849481	TC200716	Method: conceptual translation	Mm.2469
13775	14788	AI849522	TC165413	null	Mm.41999
13246	9764	AI849183	TC163898	null	Mm.40993
104679	187944	AI849213	TC189510	multidrug resistance protein	Mm.16086
8720	13789	AI849253	TC163022	peptidoglycan recognition prot	Mm.21855
14280	14770	AI849288	TC161517	unnamed protein product	null
37724	43164	AI849191	TC187868	null	Mm.27635
9413	8444	AI849219	null	null	null
18775	25771	AI849264	TC187760	null	Mm.30938
10533	10796	AI849295	TC199917	beta-tubulin	Mm.22774
64435	86377	AI842775	TC200228	B cell antigen receptor Ig bet	Mm.30235
10003	15217	AI842820	TC157273	null	Mm.41748
0	0	AI847015	TC177053	null	Mm.23642
39512	40560	AI848069	TC175386	null	Mm.12319
36231	43252	AI842783	TC160674	unknown	Mm.24541
19890	26934	AI846972	null	null	Mm.39393
30210	51434	AI847026	TC186634	null	Mm.40849
0	0	AI848077	TC177515	null	Mm.33121
30819	55872	AI848160	TC160799	peripheral-type benzodiazepine	Mm.1508
9053	4930	AI848201	TC203997	null	Mm.18889

17954	14362	AI849556	TC202328	null	Mm.25248
43715	45646	AI849610	TC188580	null	Mm.24025
0	0	AI848168	TC165168	null	Mm.39352
38866	33617	AI848213	TC175770	null	Mm.41625
29326	41867	AI849573	TC187275	null	Mm.29743
10482	12876	AI849626	null	null	Mm.39626
33568	40625	AI844854	TC161485	null	Mm.40276
226822	264322	AI844883	TC186669	Sec61	Mm.28375
8152	9184	AI849124	TC160032	P311	Mm.4919
32080	33957	AI849156	TC179784	null	Mm.39407
28775	34440	AI844862	null	null	null
174908	248505	AI844820	TC201162	null	Mm.26740
51597	59396	AI849133	TC186965	null	Mm.35064
0	0	AI849162	TC209660	null	Mm.60583
71426	103487	AI848102	TC162437	null	Mm.22641
34719	43862	AI848134	TC158212	insulin-like growth factor bin	Mm.38748
12449	7605	AI845987	TC160874	null	Mm.28092
19317	22250	AI846031	TC162216	phosphatidylethanolamine-N-met	Mm.2731
42412	45542	AI848111	TC183490	null	Mm.40862
12192	18850	AI845960	TC202758	null	Mm.25137
0	0	AI845998	TC189962	null	Mm.40706
13417	13196	AI847665	TC206294	null	null
44163	42774	AI848414	TC175028	null	Mm.28996
50406	90017	AI848445	TC173237	Dlxin-1	Mm.27578
0	0	AI849467	null	null	null
124524	98795	AI849516	TC173594	null	Mm.27050
11368	16288	AI848420	TC157724	myelin proteolipid	Mm.1268
13636	13373	AI848451	TC207049	null	Mm.40411
6726	7885	AI849482	TC189805	null	Mm.36786
21741	18336	AI849526	TC201385	null	Mm.39297
72857	75817	AI849184	null	null	Mm.38490
38701	195047	AI849214	TC164908	null	null
35854	37314	AI849256	null	null	null
15144	13283	AI849289	TC182818	null	Mm.39317
38137	49213	AI849192	TC200366	C10A gene product	Mm.31239
205072	182459	AI849220	null	null	Mm.35835
13469	20267	AI849267	TC188784	null	Mm.39077
0	0	AI849297	TC204794	null	Mm.23064
64270	90471	AI842776	TC201645	null	Mm.25315
55966	49152	AI842821	TC158525	phospholipase C-L2	Mm.28034
48301	59103	AI847016	TC161035	cysteine and histidine-rich pr	Mm.27731
0	0	AI848070	TC208611	null	Mm.39204
39945	33750	AI842784	TC160739	null	Mm.41684
65906	69794	AI846973	null	null	null
58694	59177	AI847027	TC163587	null	Mm.4501
16102	21912	AI848078	TC161403	null	Mm.10541
11761	19857	AI848162	TC188644	null	Mm.23826
0	0	AI848202	TC206173	null	Mm.40863
46901	48460	AI849557	TC186573	null	Mm.29657
14070	17369	AI849613	TC190409	null	Mm.34198
63591	110723	AI848171	null	null	Mm.39865

16064	16561	AI848214	TC205975	L-CaBP1	Mm.38551
205215	393814	AI849574	TC159477	ribosomal protein L7	Mm.37835
68753	76976	AI849627	TC201614	null	Mm.29881
39663	30499	AI844855	TC203531	null	Mm.44181
94380	101776	AI844884	TC186835	null	Mm.28058
15162	16470	AI849127	TC167045	null	null
49738	48125	AI849157	TC173097	null	Mm.3035
25836	27595	AI844863	TC165731	small heat shock protein B3	Mm.41410
62049	71766	AI844821	TC186979	null	Mm.29995
16034	15003	AI849135	TC161951	null	Mm.4948
0	0	AI849163	TC163954	null	Mm.45213
22222	19453	AI848103	TC201463	null	Mm.34812
20434	20653	AI848135	TC188120	Trp4-associated protein TAP1	Mm.27942
79325	73728	AI845988	TC187435	null	Mm.29476
0	0	AI846032	TC204029	null	Mm.34191
68141	40233	AI848112	TC200849	null	Mm.41013
12924	13934	AI845961	TC158918	UbcM4 protein	Mm.3074
119462	128881	AI845999	TC199927	null	Mm.31435
27073	22499	AI847667	TC178125	endonuclease III homologue 1	Mm.6207
54913	49588	AI848415	TC158488	null	Mm.35443
84475	81880	AI848446	TC201270	null	Mm.23839
67874	72269	AI849471	TC201282	branched chain alpha ketoacid	Mm.25848
35207	23904	AI849517	null	null	Mm.40518
50964	47870	AI848422	TC163166	null	Mm.41122
0	0	AI848452	TC194744	null	Mm.32480
83451	80710	AI849483	TC161363	null	Mm.29637
8336	7910	AI849528	TC176913	null	Mm.19172
27723	23612	AI849186	TC179518	null	Mm.40287
168695	197278	AI849215	TC166255	glutamate receptor channel sub	Mm.39090
10979	13308	AI849257	TC186432	beta-catenin	Mm.3476
0	0	AI849290	null	null	null
19742	24012	AI849193	TC174764	null	Mm.35127
260306	223304	AI849221	TC160334	translin	Mm.14644
13010	9697	AI849268	TC201639	null	Mm.41907
19648	17381	AI849298	null	null	Mm.39875
34488	48432	AI842777	TC203224	leucine-rich glioma-inactivate	null
24397	31196	AI842822	TC200549	null	Mm.23014
17500	17307	AI847017	TC201720	G21 protein	Mm.11337
0	0	AI848071	TC187889	null	Mm.13835
24573	22189	AI842786	TC196298	null	null
62210	68864	AI846978	TC201876	null	Mm.29797
33361	31819	AI847028	TC203358	null	Mm.35083
0	0	AI848081	TC173694	null	Mm.40039
71108	61614	AI848163	null	null	Mm.39615
458002	441759	AI848203	TC157651	precursor Apoprotein A-I	Mm.26743
19799	21505	AI849558	TC175014	compared with human FXR2 mRNA;	Mm.41930
114865	111876	AI849616	TC201243	TF-1 cell apoptosis related pr	Mm.28441
51847	45424	AI848172	TC190252	null	Mm.19440
133873	133320	AI848215	TC161067	null	Mm.27839
62867	62098	AI849575	TC187754	reproduction 8	Mm.29301
54980	101386	AI849629	TC158175	possible ubiquitin protein lig	Mm.16553

251869	352315	AI844856	TC187312	putative RNA helicase and RNA	Mm.993
36063	48688	AI844885	null	null	null
59408	66660	AI849128	TC162679	null	Mm.23879
7877	15422	AI849158	TC177317	null	Mm.40654
54413	81403	AI844864	TC200110	snapin	Mm.21534
95519	141172	AI844822	TC160259	ATRX protein	Mm.34371
536351	468003	AI849136	null	null	Mm.39623
35369	36237	AI849164	null	null	null
27539	29647	AI848105	TC186485	null	Mm.23345
11873	13361	AI848144	TC187365	p19	Mm.3304
51276	48080	AI845990	TC192114	null	Mm.40835
27838	39529	AI846034	TC162639	null	Mm.9984
120056	106775	AI848113	TC188553	null	Mm.44223
0	0	AI845962	TC189300	unnamed protein product	Mm.40687
24294	30489	AI846001	TC200308	BTEB-1 transcription factor	Mm.19788
0	0	AI847669	TC173486	clathrin-associated protein 19	Mm.833
67889	71619	AI848416	TC174225	null	Mm.26775
101894	89061	AI848447	TC162524	ASC-1	Mm.27462
40041	40674	AI849475	TC157620	enhancer of polycomb	Mm.20828
54664	43018	AI849518	TC161956	null	Mm.28628
79679	61174	AI848423	TC175321	null	Mm.41245
68003	47989	AI848453	TC160600	null	Mm.29032
12783	17115	AI849486	TC161115	null	Mm.25157
17533	12834	AI849529	TC188900	alpha-methylacyl-CoA racemase	Mm.2787
42070	47034	AI849187	TC162896	null	Mm.40309
0	0	AI849216	null	null	Mm.40516
82838	69893	AI849259	TC200170	cellular nucleic acid binding	Mm.7335
93913	137183	AI849291	TC199904	ribosomal protein L28	Mm.3111
26717	24786	AI849194	TC175187	null	Mm.40389
78640	63139	AI849226	TC191487	null	Mm.38404
0	0	AI849269	null	null	Mm.39624
0	0	AI849299	TC201366	Sin3-associated protein	Mm.118
31563	47556	AI849023	TC202666	null	Mm.41592
24656	24564	AI844478	TC161980	null	Mm.28151
28333	23479	AI844520	TC174233	null	Mm.30241
100147	90684	AI844533	TC159923	small EDRK-rich factor 2	Mm.1106
8958	10205	AI844446	TC158561	zinc finger type transcription	Mm.67034
25254	31448	AI844487	TC201596	null	Mm.17523
12321	14564	AI848716	null	null	Mm.39619
0	0	AI844535	TC187760	null	Mm.39910
100289	102488	AI844285	TC190996	null	Mm.12261
0	0	AI844322	TC163252	null	Mm.25874
7527	8136	AI849735	TC159105	null	Mm.23781
8616	8500	AI849782	TC201910	null	Mm.28860
26298	21416	AI844295	TC176003	null	Mm.46764
12732	16303	AI844334	TC161166	null	Mm.31990
14517	16384	AI849747	TC204755	null	Mm.17711
16175	24615	AI849793	TC188008	mORC2L	Mm.3411
46811	51566	AI850361	TC162654	null	Mm.41127
11400	16784	AI850403	TC202820	null	Mm.24676
8849	8360	AI850437	TC191610	null	null

5056	4556	AI850488	TC177678	null	Mm.39886
20727	37048	AI850375	TC158179	null	Mm.1843
0	0	AI850411	TC190288	null	Mm.33714
6647	6025	AI850453	TC163232	null	Mm.41370
20889	36385	AI850505	TC188969	null	Mm.27885
180851	314902	AI848752	null	null	Mm.4093
27516	39477	AI848774	TC204193	null	Mm.65608
56079	58036	AI844568	TC200569	null	Mm.29775
0	0	AI848905	TC177495	null	Mm.41130
0	0	AI848757	TC204226	null	Mm.37361
22542	26055	AI844560	TC161291	golgi associated MP1 adapter p	Mm.41680
10674	26793	AI848804	TC202377	null	Mm.24765
0	0	AI848911	TC191622	null	Mm.63739
87797	94918	AI844730	null	null	null
0	0	AI844780	TC189685	null	Mm.24440
0	0	AI844648	TC186460	histone H2A.X	Mm.14767
0	0	AI844683	TC205813	null	Mm.41028
128899	1453119	AI844743	null	null	Mm.40465
13135	20332	AI844625	TC200184	null	Mm.23744
49306	53718	AI844656	TC200712	thyroid hormone receptor	Mm.4015
73803	89627	AI844689	null	null	null
163273	164642	AI850773	TC204588	null	Mm.38976
115826	196799	AI850810	null	null	Mm.48704
44586	49729	AI850536	TC199347	null	Mm.44132
48785	65603	AI850583	TC186568	ras-related C3 botulinium tox	Mm.889
24650	33017	AI850782	null	null	Mm.39890
26386	58353	AI850819	TC173842	fatty acid synthase	Mm.3760
28967	32289	AI850545	null	null	Mm.26743
7642	8889	AI850593	TC163084	null	Mm.36835
329149	324103	AI849024	TC157752	null	Mm.2602
0	0	AI844481	null	null	Mm.43101
132752	183644	AI844521	TC186700	proteasome subunit iota	Mm.30210
18052	24887	AI848732	TC187657	cysteinyl-tRNA synthetase	Mm.21505
54224	78005	AI844447	TC202407	centromere autoantigen B (CENP	Mm.41454
69031	76761	AI844488	TC161405	BCL-W	Mm.6967
30775	50532	AI848717	TC173273	follistatin-like protein	Mm.534
17653	22825	AI848737	TC159978	plasma phospholipid transfer p	Mm.6105
38805	39580	AI844286	TC188004	null	Mm.25726
70529	116209	AI844326	null	null	null
7254	14940	AI849738	null	null	Mm.39628
12879	12637	AI849783	null	null	Mm.40523
67107	103535	AI844297	TC194804	null	Mm.39185
28206	18187	AI844337	null	null	Mm.40459
11981	17361	AI849748	TC173950	null	Mm.1155
95862	92528	AI849795	TC162893	precursor NEFA protein	Mm.9901
23050	43699	AI850362	TC175766	null	Mm.25309
17440	26346	AI850405	TC161875	null	Mm.31643
15322	22262	AI850439	TC187819	null	Mm.29081
8583	17005	AI850491	TC200986	null	Mm.40888
40737	54040	AI850376	TC205028	null	Mm.28530
9981	14531	AI850412	TC187200	null	Mm.38477

18420	20986	AI850455	null	null	null
21054	26818	AI850507	TC162194	null	null
34585	71779	AI844542	TC200290	SET	Mm.28805
162163	171360	AI844558	null	null	null
9019	18184	AI844569	TC201148	null	Mm.39072
0	0	AI844604	TC160492	skeletal muscle LIM protein	Mm.3126
0	0	AI848758	TC175358	cholesterol acyltransferase	Mm.1593
17248	15893	AI848783	TC158163	pyruvate dehydrogenase kinase	Mm.29768
7767	8631	AI844575	TC176555	ventricular potassium channel	Mm.1241
0	0	AI844599	null	null	null
0	0	AI844731	TC192088	null	Mm.38564
18625	34895	AI844784	TC202589	null	Mm.20387
7255	9600	AI844650	TC202395	null	Mm.28087
0	0	AI844684	TC193437	null	Mm.39587
250946	363375	AI844744	TC160643	G protein signaling regulator	Mm.28262
56251	51055	AI844626	TC186919	null	Mm.29975
0	0	AI844657	null	null	Mm.39840
102467	110310	AI844691	TC157635	overexpressed in testicular tu	Mm.4962
17816	18073	AI850775	null	null	Mm.39889
0	0	AI850814	TC202772	null	Mm.39036
0	0	AI850537	null	null	Mm.39887
7056	12671	AI850586	TC164631	null	Mm.33235
38807	41444	AI850783	TC161245	null	Mm.28829
14092	11661	AI850820	TC186673	heparin cofactor II precursor	Mm.6609
21694	24226	AI850546	TC186864	null	Mm.28976
9014	11313	AI850595	TC189662	null	Mm.41925
23758	37198	AI849025	TC161971	null	Mm.6667
42373	38804	AI844483	TC175608	null	Mm.30710
102804	107133	AI848713	TC173719	null	Mm.42925
9621	9262	AI848733	TC188847	null	Mm.27689
23949	24297	AI844448	TC177344	null	Mm.41191
0	0	AI844490	TC168318	null	null
38334	46580	AI844525	TC189733	null	Mm.28248
32413	41441	AI848738	TC186686	null	Mm.29916
17126	16583	AI844289	TC187543	null	Mm.29386
15973	16479	AI844328	null	null	null
14074	7054	AI849739	TC163413	null	Mm.33706
21224	24896	AI849784	TC190277	null	Mm.24465
202116	202340	AI844299	TC186790	transaldolase	Mm.29182
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11600	7373	AI849749	TC170169	null	Mm.40878
43451	68589	AI849798	TC166289	null	null
0	0	AI850364	TC169533	null	Mm.41850
53398	51776	AI850406	TC165579	null	Mm.44129
93440	77305	AI850443	null	null	null
25615	28166	AI850496	TC174471	null	Mm.39501
128959	133136	AI850377	TC177353	B7	Mm.3207
19080	18887	AI850414	TC175221	null	Mm.50
10635	23308	AI850456	TC187237	putative NAD(P)H steroid dehyd	Mm.38792
37656	43602	AI850509	TC158486	null	Mm.58058
0	0	AI844543	null	null	Mm.29874

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41546	53774	AI844570	TC162911	null	Mm.44243
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99646	179945	AI848759	TC186863	squalene synthase	Mm.3204
11893	14520	AI848784	TC200979	null	Mm.30123
18011	22530	AI844576	TC187672	null	Mm.24576
21092	29200	AI848914	TC159632	Tssc4 protein	Mm.5293
20293	30317	AI844732	TC187825	null	Mm.28414
56522	67003	AI844786	TC189816	unnamed protein product	Mm.24829
34473	27362	AI844651	TC160656	NADH dehydrogenase	Mm.34869
0	0	AI844685	TC167003	null	Mm.34572
137056	152344	AI844746	TC189866	null	Mm.35783
67202	63462	AI844627	null	null	null
80749	85998	AI844658	TC190060	null	Mm.17613
13218	15722	AI844692	TC203166	nemo-like kinase	Mm.9001
10080	11491	AI850776	null	null	null
145356	202153	AI850815	TC201416	null	Mm.29711
11385	12356	AI850538	TC171461	null	null
11100	12403	AI850587	TC177614	null	Mm.41175
224342	212723	AI850786	TC202456	transcytosis associated protei	Mm.15868
9850	9954	AI850822	TC203263	null	Mm.63742
34707	36267	AI850549	TC162077	null	Mm.5285
9227	8680	AI850596	null	null	null
32865	49269	AI849027	TC200704	null	Mm.43765
7415	7324	AI844484	TC190382	null	Mm.17353
53405	50538	AI844522	TC161567	phosphatidylinositol 4-phospha	Mm.1945
18046	24178	AI848734	null	null	null
68448	47086	AI844450	TC161519	I54 protein	Mm.1348
13761	17879	AI844491	TC196283	neuronal pentraxin 2	Mm.10099
0	0	AI848718	TC205783	null	null
16349	26687	AI848739	TC202598	null	Mm.39469
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0	0	AI844330	TC162781	null	Mm.29019
17941	17845	AI849742	TC178710	null	Mm.32441
0	0	AI849788	TC175192	phosphoprotein	Mm.4870
96816	101135	AI844300	TC161551	null	Mm.23173
12044	12607	AI844343	TC162329	null	Mm.40036
6606	11537	AI849756	null	null	Mm.40879
45245	43758	AI849799	TC158467	null	Mm.22458
153510	187620	AI850365	TC186749	null	Mm.22651
45742	59864	AI850407	TC160506	NF2d9	Mm.28052
13213	10512	AI850449	TC187023	unnamed protein product	Mm.41730
42888	27000	AI850497	TC203175	arachidonate 5-lipoxygenase	Mm.41072
131900	153738	AI850379	TC187458	tyrosine kinase	Mm.36605
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27831	26063	AI850510	TC187104	null	Mm.44120
15360	18948	AI844544	null	null	Mm.39584
0	0	AI848777	TC163690	null	Mm.39210
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23444	26103	AI844561	TC187521	null	Mm.28378
47202	42570	AI848809	TC164126	null	Mm.39983
44404	38419	AI848915	TC201677	null	Mm.23747
12194	11833	AI844734	TC202781	null	Mm.34363
57353	51828	AI844789	null	null	Mm.39588
7981	9470	AI844652	TC173672	null	Mm.28001
43120	40420	AI844686	TC187625	null	Mm.29042
112112	118305	AI844747	TC160628	mesoderm/mesenchyme forkhead 1	Mm.12949
109259	107297	AI844628	TC176750	null	Mm.41306
75395	78480	AI844659	TC164063	adenylyl cyclase type 9	Mm.4294
46594	43037	AI844694	TC176429	null	Mm.40464
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72174	69776	AI850589	TC201232	null	Mm.22627
33456	35205	AI850787	TC163847	null	Mm.41835
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19906	30059	AI844526	null	null	Mm.42436
53255	49746	AI848740	TC174013	protein kinase inhibitor gamma	Mm.10091
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42753	40964	AI844331	TC200455	pyrroline-5-carboxylate synthe	Mm.29751
24027	25344	AI849743	TC203416	null	Mm.24616
25034	25921	AI849789	TC163015	null	Mm.40347
28732	33763	AI844302	TC189996	null	Mm.28621
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16916	17495	AI849757	null	null	null
9192	13933	AI849800	TC162321	pc-tp2	Mm.28896
23129	21508	AI850369	null	null	Mm.39885
42745	56694	AI850408	TC174638	zinc finger protein	Mm.323
20593	19663	AI850450	TC164306	null	Mm.41524
6975	6425	AI850499	TC165041	null	Mm.5014
67482	70235	AI850381	TC160520	null	Mm.29128
94971	81815	AI850417	TC190127	null	Mm.42873
310420	362003	AI850461	TC202597	null	Mm.29464
30314	38390	AI850751	TC161148	MALA-2 protein	Mm.21441
9253	9080	AI848755	TC186903	inositol polyphosphate 5-phosp	Mm.30030
98054	77169	AI844559	TC162457	Nmi	Mm.7491
31032	38098	AI848802	TC187241	null	Mm.44177
132091	131855	AI848909	TC186463	null	Mm.45425
10913	10784	AI848761	TC186843	14-3-3 protein gamma	Mm.29717
30610	40095	AI848786	TC159876	glutamine synthetase	Mm.2338
12884	16893	AI848810	TC160831	null	Mm.32780

10469	18371	AI848916	TC197009	null	Mm.63859
62019	67032	AI844736	TC189149	null	Mm.28535
82360	79881	AI844791	TC199991	null	Mm.40152
58801	44041	AI844653	TC161241	H2-M alpha chain	Mm.16373
18125	15504	AI844687	TC174767	calmodulin dependent phosphata	Mm.3150
63944	66903	AI844749	TC174026	null	Mm.34333
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75727	72499	AI844660	TC173039	Sui1 homolog	Mm.13886
342309	313133	AI844695	null	null	null
12346	12634	AI850779	null	null	null
38902	45314	AI850817	TC177842	null	Mm.40332
0	0	AI850542	TC188168	null	Mm.34183
8422	9855	AI850591	TC177766	null	Mm.63741
425455	454171	AI850788	TC200256	thymic dendritic cell-derived	Mm.24847
48391	47917	AI850824	null	null	Mm.39891
8679	14812	AI850551	TC159051	ubiquitin fusion-degradation 1	Mm.1830
41571	45796	AI850598	TC157219	null	Mm.13427
25217	35470	AI844443	null	null	null
15177	20229	AI844486	TC204427	null	Mm.44626
10509	9436	AI848715	TC190670	null	Mm.40002
18755	25089	AI848736	TC202514	null	Mm.24658
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0	0	AI848719	TC163761	null	Mm.4281
0	0	AI848741	TC188271	null	Mm.29565
0	0	AI844293	null	null	null
6652	5498	AI844333	TC188407	null	Mm.23021
0	0	AI849746	TC187608	LZIP-1 and LZIP-2	Mm.14458
9156	11707	AI849791	null	null	null
31857	44340	AI844304	TC182722	null	Mm.60579
15369	14119	AI849707	TC173696	null	Mm.30179
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36810	56268	AI849805	TC160666	RNA-binding protein staufen	Mm.41650
62773	67568	AI850370	TC189061	null	Mm.28900
0	0	AI850410	TC190549	null	Mm.40329
40781	53485	AI850452	TC189628	null	Mm.30659
40296	64212	AI850501	TC199992	nonamer binding protein	Mm.4280
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23362	18390	AI850418	TC209939	null	Mm.49694
0	0	AI850467	TC200880	null	Mm.2607
0	0	AI850754	TC188991	null	null
15914	12201	AI848756	TC174767	calmodulin dependent phosphata	Mm.38091
24189	31636	AI848779	TC174742	calcium channel gamma 5 subuni	Mm.24750
34990	44265	AI848803	TC187127	FK-506 binding protein homolog	Mm.6565
10540	9474	AI848910	TC201091	null	Mm.21162
13015	17411	AI848762	TC176015	homologue of AF022152 Homo sap	Mm.44105
11250	11575	AI848787	TC174179	transcription factor p65	Mm.28170
52564	51785	AI848811	TC179073	null	Mm.63805
33528	35003	AI844600	TC160558	null	Mm.18761
8238	11376	AI844740	TC200358	null	Mm.7198
228854	203649	AI844792	null	null	Mm.40467

75596	103660	AI844654	TC173712	modifier 2	Mm.28148
29092	26972	AI844688	TC173617	serine racemase	Mm.19015
56419	55958	AI844750	TC207061	null	Mm.40931
13687	17686	AI844631	TC191182	null	Mm.5295
20830	19596	AI844663	TC202691	null	Mm.24984
6353	9953	AI844696	TC161263	66 kDa neurofilament protein N	Mm.2496
0	0	AI850781	null	null	null
20775	30712	AI850818	TC160259	ATRX protein	Mm.10141
12137	16784	AI850544	TC203676	null	Mm.41507
8792	13072	AI850592	null	null	Mm.39635
18850	19904	AI850789	TC175541	Nibrin	Mm.20866
168899	135911	AI850825	null	null	null
75337	61861	AI850552	TC173902	GM2 activator protein	Mm.4140
73829	57877	AI850599	TC177559	null	Mm.37606
0	0	AI851687	null	null	Mm.40538
0	0	AI851723	TC189814	null	Mm.28037
13638	10876	AI852397	null	null	Mm.40924
8134	7613	AI852470	TC188678	nucleoside diphosphate kinase	Mm.27278
0	0	AI851694	TC205188	null	null
43296	37074	AI851732	TC163377	null	Mm.24291
0	0	AI852408	TC190981	glucokinase	Mm.1328
0	0	AI852478	null	null	null
45571	40951	AI853948	TC175756	GANP protein	Mm.30098
0	0	AI853984	TC206486	null	Mm.43974
0	0	AI852498	null	null	Mm.40222
22535	37279	AI852534	TC159888	null	Mm.21848
0	0	AI853957	TC164603	null	Mm.41659
0	0	AI853993	TC174357	focal adhesion kinase	Mm.29674
0	0	AI852507	null	null	Mm.40928
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0	0	AI852208	TC177431	null	Mm.39951
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0	0	AI853504	TC187960	null	Mm.39704
0	0	AI853534	TC188600	unnamed protein product	Mm.41180
5440	10590	AI852218	TC175507	null	Mm.3241
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0	0	AI853513	TC196226	null	Mm.68840
0	0	AI853542	null	null	Mm.30205
17928	10450	AI851966	TC202792	signal transducer and activato	Mm.21935
19313	22645	AI851996	TC188845	null	Mm.41382
78084	96921	AI852028	TC160269	unknown	Mm.396
56850	60591	AI853347	TC162701	null	Mm.21884
43299	57301	AI851973	TC187080	nuclear pore-targeting complex	Mm.16710
20084	15765	AI852003	TC175746	null	Mm.28325
0	0	AI852035	TC205688	null	Mm.27084
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9828	14023	AI851895	null	null	Mm.39904
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17311	21850	AI852747	null	null	null
90166	132478	AI851872	TC200741	signal recognition particle su	Mm.2233

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0	0	AI853102	null	null	null
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71379	106042	AI853077	TC158410	testis-specific calpastatin, I	Mm.40656
0	0	AI853110	TC176092	null	Mm.30252
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0	0	AI853985	null	null	Mm.39261
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17488	30165	AI853514	TC188279	null	Mm.40571
5754	11699	AI853543	TC162798	null	Mm.29330
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14699	24620	AI851997	TC187238	GLUT4 vesicle protein	Mm.29010
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0	0	AI853350	null	null	null
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0	0	AI853325	TC207380	null	Mm.40567
9585	10427	AI853358	TC168034	null	null
13173	14526	AI852570	TC179627	null	Mm.32305
0	0	AI851896	TC161396	Ftp-1	Mm.4860
0	0	AI851922	null	null	null
6787	10041	AI852752	TC189632	null	Mm.21914
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0	0	AI851902	TC201637	IL-16 precursor	Mm.10137
0	0	AI851930	null	null	Mm.31757
11924	7699	AI852765	TC160982	glypican-1	Mm.24193

0	0	AI852252	null	null	Mm.39909
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0	0	AI852326	null	null	Mm.44010
0	0	AI853104	null	null	null
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47332	80991	AI852300	TC207317	null	Mm.41807
37313	65188	AI853078	TC160478	histone macroH2A1.2 variant	Mm.30255
30012	41095	AI853111	TC201901	null	Mm.41087
18657	24655	AI851690	TC203551	null	Mm.34590
22837	26189	AI851727	TC175608	null	Mm.30710
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35234	31245	AI851735	TC177942	null	Mm.40909
74425	112522	AI852410	TC173883	ataxin-2	Mm.1989
14181	29029	AI852481	TC175865	L-myc protein	Mm.1055
21314	12216	AI853951	TC187543	null	Mm.29386
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275739	197971	AI852536	TC163137	chemokine	Mm.7275
48716	44650	AI853960	null	null	Mm.43243
22912	22930	AI853996	TC202670	null	Mm.28807
9035	9127	AI852510	TC210703	null	Mm.39661
12275	11892	AI852544	TC206993	null	null
5536	6886	AI852212	TC182883	precerebellin-1	null
27874	28278	AI852243	TC174227	translin associated protein X	Mm.40006
60358	77921	AI853506	TC186810	null	Mm.21132
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30722	39243	AI853515	TC174254	null	Mm.3051
0	0	AI853544	TC162049	null	Mm.41673
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0	0	AI853352	TC188648	null	Mm.40665
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26388	23655	AI853326	TC173642	null	Mm.24397
0	0	AI853359	TC170106	null	Mm.51574
30110	35988	AI852572	TC158995	EMeg32 protein	Mm.41304
0	0	AI851897	null	null	Mm.40543
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33171	35466	AI851874	TC180231	receptor tyrosine kinase	Mm.1977
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157164	155912	AI852292	TC175395	S182 protein	Mm.998
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102379	89900	AI852301	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
10694	14470	AI853080	TC177955	null	Mm.40716
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0	0	AI851728	TC179508	null	null
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0	0	AI853953	TC162907	null	Mm.34926
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26534	30578	AI852511	TC187420	galactokinase	Mm.2820
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11750	10525	AI852213	TC201597	UDP-glucose dehydrogenase	Mm.10709
66071	68349	AI852247	null	null	Mm.19945
12984	15060	AI853507	TC200788	ABC transporter	Mm.22759
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17171	25763	AI851905	TC174617	null	Mm.40914
7794	10999	AI851936	TC173550	methyl purine glycosylase	Mm.2358
10834	11493	AI852769	TC206098	null	null
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16897	24887	AI853963	null	null	Mm.30704
47215	35774	AI853999	TC160536	null	Mm.28952
22614	42683	AI852512	TC164810	type 2 deiodinase	Mm.21389
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23189	21812	AI852214	TC193203	null	Mm.39101
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37721	44594	AI853487	TC202360	null	Mm.22990
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11682	13838	AI851906	TC176466	null	Mm.28478
18233	18442	AI851938	TC190937	null	Mm.40216
52972	52343	AI852770	TC176231	null	Mm.27100
11602	14758	AI852256	null	null	Mm.39233
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32648	37793	AI852265	TC190424	null	Mm.40566
47772	86102	AI852305	TC176211	null	Mm.17621
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31723	37914	AI852223	TC187666	HNF-3/fork-head homolog-1	Mm.455
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15997	14750	AI853362	TC166536	null	Mm.40161
84688	89744	AI851871	TC161943	null	Mm.22682
63479	48869	AI851900	TC175851	null	Mm.40275
19441	17558	AI851927	TC190366	null	Mm.41338
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94618	97488	AI851028	TC161570	null	Mm.24095
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23584	33738	AI854093	TC202257	null	Mm.40295
40733	47459	AI854118	TC176295	null	Mm.28691
17012	15938	AI852879	null	null	Mm.39242
102135	86162	AI853250	TC161052	carnitine palmitoyltransferase	Mm.29499
95556	123590	AI853286	TC160646	null	Mm.29349
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54919	73953	AI852888	TC179428	D7H11orf14 protein	null
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6226	14846	AI853294	TC162965	null	Mm.29789
9442	16850	AI854017	TC203152	null	Mm.24381
44254	42749	AI853659	TC200191	mCASP	Mm.34465
15395	22966	AI853683	null	null	null
0	0	AI853834	TC200274	UbcM4 interacting protein 28;	Mm.28806
0	0	AI853867	TC211890	null	null
0	0	AI853665	TC176693	null	null
86986	120822	AI853689	TC202172	null	Mm.41347
20641	28158	AI853842	TC174257	null	Mm.28528
0	0	AI853875	TC160889	null	Mm.29479
49260	59537	AI854137	TC200139	null	Mm.21420
22149	32039	AI851120	TC202026	null	Mm.21759
50531	53736	AI851195	TC175985	null	Mm.523
46795	58568	AI851227	TC174256	actin-related protein 11	Mm.29317
24019	30175	AI854144	TC161158	null	Mm.18460
50366	63126	AI851129	TC187079	null	Mm.27403
0	0	AI851202	TC176685	null	null
149379	188547	AI853411	TC187811	microtubule-associated protein	Mm.20928
0	0	AI854494	TC180296	null	Mm.40300
12443	15973	AI854528	TC176767	null	Mm.45063
6764	11269	AI854565	TC195251	null	Mm.40965
0	0	AI852839	TC162705	sh3bgr protein	Mm.28638
0	0	AI854504	null	null	Mm.39449
44190	61872	AI854538	TC201201	null	Mm.28792
73913	68815	AI854572	TC186710	null	Mm.38471

0	0	AI852852	TC189668	null	Mm.24363
0	0	AI853584	TC177270	glycophorin	Mm.13123
26697	47870	AI853617	TC175531	xeroderma pigmentosum group C	Mm.2806
956768	918106	AI853644	TC177185	null	Mm.41511
24902	40498	AI853709	TC175702	null	Mm.28810
0	0	AI853590	TC198333	null	Mm.22854
155343	160794	AI853625	TC177606	L-glutamate decarboxylase	Mm.3536
11066	17666	AI853652	null	null	Mm.39937
626	22518	AI853715	TC202319	null	Mm.17846
12206	17167	AI851023	TC189385	null	Mm.30209
23383	24251	AI851056	null	null	null
11654	9989	AI854088	TC190966	null	Mm.36100
24975	23574	AI854113	TC187304	fibroglycan (syndecan-2)	Mm.29350
11031	7437	AI851029	TC162544	proton-gated cation channels m	Mm.8028
122639	133478	AI851062	TC173583	null	Mm.21752
7584	7576	AI854094	TC190506	Hox-8 protein	Mm.1763
93307	101028	AI854119	TC174616	null	Mm.21048
12882	15944	AI852880	TC162271	null	Mm.26362
46853	50689	AI853251	TC161703	null	Mm.26609
0	0	AI853287	TC187074	null	Mm.32126
0	0	AI854011	null	null	null
6662	10103	AI852889	TC175788	ribonuclease H1	Mm.10152
4028	13602	AI853260	TC162780	null	Mm.27117
23404	21708	AI853296	null	null	Mm.41609
23211	31833	AI854018	TC161112	null	Mm.22357
8186	28503	AI853660	TC203195	laminin alpha 5 chain	Mm.4339
25964	27832	AI853684	TC173091	mtprd	Mm.39490
180179	173825	AI853835	TC205497	null	Mm.28639
2933	4295	AI853868	null	null	Mm.39679
0	0	AI853666	TC194568	null	null
49629	62499	AI853814	TC176605	guanine nucleotide-binding reg	Mm.4478
0	0	AI853843	TC200692	null	Mm.22021
0	0	AI853877	TC160058	zipper protein kinase	Mm.4358
40167	44026	AI854138	TC203221	null	Mm.35423
99677	150749	AI851124	TC159943	Tum-P91A antigen	Mm.12194
0	0	AI851197	TC173787	null	null
28771	37620	AI851230	TC160568	null	Mm.41535
22706	31996	AI854145	TC173496	carboxypeptidase E	Mm.43603
57351	52960	AI851130	TC175248	null	Mm.34656
15177	14504	AI851205	TC202336	null	Mm.34205
66548	68631	AI853412	TC200752	null	Mm.27799
45723	114355	AI854495	TC174463	null	Mm.41383
28536	26671	AI854529	TC175530	null	Mm.27965
6228	7578	AI854566	TC210606	synaptotagmin VII	null
56131	69718	AI852842	TC176292	null	Mm.37457
16906	16313	AI854505	null	null	null
28729	31104	AI854539	TC176810	null	Mm.6720
10340	18515	AI854574	TC159093	Ku70	Mm.16147
0	0	AI852854	TC170109	null	null
36241	43768	AI853585	TC201109	null	Mm.25337
112201	112111	AI853618	TC203330	null	Mm.46581

0	0	AI853646	null	null	Mm.40236
3489	7770	AI853710	null	null	null
32845	45163	AI853592	TC174898	null	Mm.43591
36412	32871	AI853626	TC175747	dihydrofolate reductase	Mm.23695
65336	83185	AI853654	TC202796	null	Mm.7280
268645	285191	AI853716	TC163325	null	Mm.22969
13959	15517	AI851024	TC201667	null	Mm.29689
15263	12324	AI851057	TC175190	null	Mm.37383
185496	151350	AI854089	TC159438	cytochrome oxidase subunit 3	Mm.5293
0	0	AI854114	TC174051	similar to Drosophila dishevel	Mm.3400
103712	116098	AI851030	TC174168	tyrosine kinase	Mm.21974
18377	37686	AI851063	TC200133	A10	Mm.16898
22566	25018	AI854095	TC157849	null	Mm.58683
171862	172958	AI854120	TC200766	null	Mm.27959
48187	46732	AI852882	TC188990	null	Mm.23230
0	0	AI853252	TC164245	null	Mm.44910
179731	179482	AI853288	null	null	null
21614	33977	AI854013	TC161376	MPTPdelta	Mm.3449
11942	16982	AI852890	TC182622	null	Mm.40043
21259	24494	AI853261	TC200922	melanoma adhesion molecule	Mm.39103
34138	73893	AI853298	TC187839	SRG3	Mm.1050
0	0	AI854019	TC170115	null	Mm.40957
18160	31069	AI853661	TC175324	null	null
45640	43730	AI853685	TC161963	null	Mm.28811
4853	8559	AI853837	TC188664	null	Mm.33720
22908	31144	AI853870	TC200384	C7-1 protein	Mm.21961
17074	16519	AI853667	TC182632	null	Mm.43268
333417	303445	AI853815	TC186695	brain protein 44-like protein	Mm.2576
85514	92223	AI853846	TC186836	keratinocyte lipid-binding pr	Mm.741
44076	46915	AI853878	TC162352	null	Mm.41894
136892	134526	AI854139	null	null	Mm.39265
54632	55342	AI851125	TC186652	null	Mm.30000
25754	32211	AI851198	TC162903	null	Mm.24873
10106	7902	AI851231	TC203493	gamma-aminobutyric acid A rece	Mm.5309
10327	15579	AI854146	TC203962	null	Mm.41135
50848	83930	AI851131	TC206929	null	null
27873	32040	AI851206	TC174001	hypothetical protein	Mm.22405
21336	29888	AI853413	TC162059	null	Mm.23974
4619	4785	AI854496	TC188205	null	Mm.28606
0	0	AI854531	null	null	null
28665	44350	AI854567	TC157729	unnamed protein product	Mm.23841
15376	24425	AI852846	TC201812	methyl-CpG-binding protein 2	Mm.40984
3277	3204	AI854506	TC176616	null	Mm.28639
0	0	AI854540	TC161076	null	Mm.27964
13186	13937	AI852819	TC202840	homolog of human gene underlyi	Mm.135
7829	11579	AI852856	null	null	Mm.40561
149465	222100	AI853586	TC157774	p120	Mm.35738
0	0	AI853619	null	null	null
0	0	AI853647	TC165869	null	Mm.40573
7316	10662	AI853711	TC189310	null	Mm.23596
129666	141960	AI853596	TC187230	null	Mm.27123

8414	11561	AI853627	null	null	null
11547	12667	AI853691	TC178896	null	Mm.39253
0	0	AI853717	TC173985	null	Mm.28029
15684	10448	AI851025	null	null	null
45572	51171	AI851058	TC202808	calcium- and diacylglycerol-re	Mm.10161
14545	17138	AI854090	TC163016	null	Mm.19831
355211	275652	AI854115	TC161704	null	Mm.41473
5399	6595	AI851031	null	null	null
17277	14780	AI851064	TC187271	null	Mm.11112
15109	14738	AI854096	TC163163	null	Mm.41620
8266	4691	AI854121	TC210622	null	Mm.44388
12018	6571	AI852884	TC202704	null	Mm.44714
30463	32595	AI853253	TC161820	null	Mm.27716
4916	5523	AI853291	null	null	null
11730	14771	AI854014	TC174327	null	Mm.41438
27114	31835	AI852893	TC200302	involved in signaling by the e	Mm.35677
15645	7978	AI853262	TC177217	male-specific histocompatibili	Mm.20477
28859	42517	AI853299	TC187357	null	Mm.28053
7304	9788	AI854020	null	null	Mm.29996
21843	22612	AI853662	TC166658	null	null
15802	15922	AI853686	TC179336	glutamate receptor channel alp	Mm.42021
20703	30665	AI853838	TC186760	BS4 peptide	Mm.5856
18378	29633	AI853871	TC176408	null	Mm.18790
18619	20383	AI853668	TC188204	null	Mm.22583
40005	44995	AI853816	TC162127	null	Mm.23595
12132	9325	AI853847	TC175029	null	Mm.40725
16655	9771	AI853879	TC189888	putative transcription factor	Mm.3594
36622	42181	AI854141	TC175304	null	Mm.21489
11475	16050	AI851126	TC212749	null	Mm.39643
216414	438178	AI851199	TC200130	null	Mm.21559
129316	148945	AI851232	TC161740	null	Mm.44183
6519	5505	AI854147	TC204557	null	Mm.44234
25365	36454	AI851133	TC200700	membrane glycoprotein	Mm.944
27002	30312	AI851207	TC160508	null	Mm.28968
20824	23315	AI853414	TC187398	null	Mm.29866
0	0	AI854498	TC163119	PCTAIRE-3 protein kinase	Mm.28130
0	0	AI854532	TC160147	monocarboxylate transporter 1	Mm.9086
14109	31668	AI854569	TC161390	null	Mm.41525
0	0	AI852847	TC188044	membrane-type-5 matrix metallo	Mm.21306
161112	136126	AI854507	TC186893	null	Mm.21707
0	0	AI854543	TC183399	null	Mm.40585
5924	4360	AI852820	TC159312	null	null
48859	56433	AI852857	TC201220	null	Mm.29588
52740	34382	AI853587	null	null	null
4753	4269	AI853620	TC192194	null	null
12279	15938	AI853648	TC166498	null	Mm.5342
23388	22529	AI853712	TC176073	null	Mm.31321
39037	51268	AI853598	TC163083	mszf60	Mm.17448
463642	308620	AI853628	TC186449	isocitrate dehydrogenase	Mm.2966
8749	7253	AI853692	null	null	null
5653	7961	AI853718	TC159868	necdin	Mm.7089

32339	37081	AI851026	TC175171	null	Mm.28744
114914	131784	AI851059	TC161117	SKD1	Mm.18705
10217	14308	AI854091	TC161530	N-cadherin	Mm.14897
33584	40914	AI854116	TC174035	null	Mm.41380
14870	17877	AI851033	TC190001	null	Mm.18561
64791	77762	AI851065	TC161346	null	null
109633	187486	AI854097	TC200868	null	Mm.20491
53552	65434	AI854122	null	null	Mm.5293
25693	22522	AI852886	TC201217	null	Mm.41765
25068	30056	AI853254	TC175349	SLIT3	Mm.28509
15869	16646	AI853292	null	null	Mm.24226
16912	13388	AI854015	TC201229	null	Mm.29591
26716	24749	AI852894	TC205399	null	Mm.41196
0	0	AI853263	null	null	null
15540	11653	AI853300	TC187074	null	Mm.32126
11022	16449	AI854021	TC188757	null	Mm.27267
38265	45758	AI853663	TC188179	null	Mm.21480
49299	50373	AI853687	TC202524	null	Mm.38917
9866	6596	AI853839	TC170112	null	Mm.40231
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27951	35534	AI853669	TC203452	null	Mm.7630
27611	34450	AI853817	TC162513	null	null
0	0	AI853850	null	null	Mm.40575
48144	41774	AI853880	TC190624	null	Mm.41069
38730	36961	AI854142	null	null	null
34204	29698	AI851127	TC164980	null	Mm.23056
21382	24908	AI851200	TC159918	null	Mm.28051
9292	9305	AI853408	TC203732	unnamed protein product	Mm.32727
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16880	20356	AI851135	TC188896	null	Mm.31995
38999	50387	AI851208	null	null	null
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0	0	AI852821	TC205165	null	Mm.34517
0	0	AI852858	TC175447	ankyrin-3	Mm.3526
34362	37302	AI853588	TC177020	null	Mm.26936
4207	6804	AI853621	TC176380	null	Mm.29708
29372	32545	AI853649	TC160124	porphobilinogen deaminase (hou	Mm.1710
87200	103508	AI853713	TC200544	null	Mm.22024
30509	27113	AI853599	TC161479	Bce-1 protein	Mm.17915
16665	14277	AI853629	null	null	Mm.39444
46240	38462	AI853694	TC210623	null	Mm.39938
24917	28234	AI853719	TC183427	null	null
285304	276099	AI851027	TC186387	null	Mm.22699
41918	91337	AI851060	TC200481	beta-glucuronidase	Mm.3317
14193	11441	AI854092	TC201919	null	Mm.39483

6060	4898	AI854117	TC191758	null	Mm.44403
18398	15107	AI851034	null	null	Mm.39892
22811	19659	AI851066	TC180132	null	Mm.20118
120537	115883	AI854099	TC160319	unnamed protein product	Mm.41782
13322	10387	AI854123	TC176531	null	Mm.27204
18533	16708	AI852887	null	null	Mm.39437
40795	46066	AI853257	TC161288	ganglioside-induced differenti	Mm.12962
74933	75227	AI853293	TC173192	null	Mm.22073
7436	11969	AI854016	TC183006	null	Mm.40544
16164	26024	AI852897	TC208970	null	null
4808	7794	AI853264	null	null	Mm.39248
55078	74112	AI853301	TC201212	RNA polymerase II largest subu	Mm.16533
84367	122305	AI854022	TC186927	null	Mm.29076
15379	18289	AI853664	null	null	Mm.40953
15074	18351	AI853688	TC183425	null	Mm.39678
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53628	55245	AI853874	TC201885	Sir2alpha protein	Mm.12604
74276	62572	AI853670	TC188859	null	Mm.28898
25741	24095	AI853818	TC203310	null	Mm.27697
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0	0	AI854250	TC193384	null	Mm.40958
135508	148825	AI854143	TC173727	null	Mm.41374
24234	31492	AI851128	TC160982	glypican-1	Mm.24817
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171638	101364	AI853409	TC173952	null	Mm.29185
46585	42277	AI854149	TC189966	null	Mm.27290
7193	11576	AI851136	null	null	null
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0	0	AI853416	null	null	null
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0	0	AI854677	TC190684	null	Mm.40967
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43287	44407	AI854684	TC200914	null	Mm.22710
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61201	88361	AI851354	null	null	null
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11224	8564	AI851329	TC162868	COP9 complex subunit 7b	Mm.12973
7040	11287	AI851363	TC175511	null	Mm.35986
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15860	20409	AI851540	TC201825	null	Mm.25762
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0	0	AA409240	TC162204	B61	Mm.15675
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0	0	AA407619	TC164917	null	Mm.24462

0	0	AA409279	TC203346	erythroid membrane-associated	Mm.24043
0	0	AA409448	TC160186	null	Mm.27190
21208	12514	AI854704	TC162961	Na ⁺ /H ⁺ exchanger	Mm.4312
9643	7292	AI854730	TC202212	null	Mm.24761
0	0	AI850928	TC170210	null	Mm.39639
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29462	46392	AI854711	TC162168	null	Mm.24868
26939	33518	AI854736	TC168151	null	null
24502	30707	AI850936	null	null	null
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8879	11808	AI851423	null	null	null
0	0	AI851462	TC202248	null	Mm.26713
0	0	AI851567	null	null	null
162620	271852	AI851595	TC158296	null	Mm.16820
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46602	51507	AI851470	TC189787	null	Mm.28633
0	0	AA409525	null	null	Mm.100620
0	0	AA409862	null	null	Mm.100526
44913	115597	AA407431	TC158287	JKTBP	Mm.7861
43873	46831	AA409912	TC179559	null	Mm.27297
67326	68212	AA409688	TC201365	null	Mm.28393
48151	76205	AA409824	TC174815	ribosomal protein S6 kinase	Mm.29910
143937	133912	AA407909	TC160833	null	Mm.30053
51384	57925	AA410151	TC202607	null	Mm.41305
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141162	120259	AI854898	TC159974	null	Mm.29460
40986	45510	AI854678	TC160100	null	Mm.27707
87059	121073	AI854841	TC186992	null	Mm.155
38103	45700	AI854875	null	null	null
71683	54741	AI854659	TC174460	fibroblast growth factor recep	Mm.6904
196350	155822	AI854685	TC191200	null	Mm.40610
22601	32354	AI851320	TC187577	alkaline phosphatase	Mm.1265
54720	71214	AI851355	TC208086	null	null
22321	25502	AI851391	TC174621	null	Mm.41891
24104	24567	AI851535	TC187733	peroxisomal biogenesis factor	Mm.20901
53690	92793	AI851330	TC161043	LIM kinase 2	Mm.42927
27638	38178	AI851365	TC189071	null	Mm.27216
8205	10802	AI851514	TC162922	null	Mm.41784
0	0	AI851541	TC178562	null	Mm.36490
0	0	AA407443	TC200842	null	Mm.34091
5205	13341	AA407565	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
11671	15660	AA409242	null	null	Mm.34039
32686	35928	AA407514	TC161827	protein-tyrosine kinase (EC 2.	Mm.1834
11016	16800	AA407681	null	null	null
0	0	AA409260	TC200868	null	Mm.20491
8543	7336	AA409539	TC200839	adrenomedullin precursor	Mm.1408
38177	51631	AI854705	TC158418	null	Mm.32512
25565	25166	AI854731	TC174439	null	Mm.34028

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17791	24878	AI854712	TC179344	spalt protein	Mm.5089
0	0	AI850904	null	null	Mm.40894
5520	10340	AI850937	TC201756	null	Mm.41423
14459	19576	AI850971	TC186907	cAMP-dependent protein kinase	Mm.16766
59166	74526	AI851562	null	null	Mm.31319
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5546	9873	AI851463	TC188402	null	Mm.24558
0	0	AI851568	TC158667	neural cell adhesion molecule	Mm.4974
52601	49775	AI851596	TC160109	secreted apoptosis related pro	Mm.19155
8659	11541	AI851433	null	null	null
10901	10778	AI851471	TC175709	null	Mm.4285
30615	38473	AA409654	TC200761	profilin (AA 1-140)	Mm.2647
532525	605519	AA409871	TC159560	cytoskeletal beta-actin	Mm.297
65338	61211	AA407434	null	null	null
7887	9236	AA407393	TC163250	null	Mm.43948
96131	69808	AA409679	TC190511	null	Mm.23044
29808	31006	AA409895	TC173778	null	Mm.22277
24560	33947	AA407916	TC203545	SOX13	Mm.8575
0	0	AA409957	null	null	null
0	0	AI854836	TC163407	null	Mm.32338
91249	155961	AI854867	TC188249	null	Mm.34539
34540	43433	AI854899	TC188254	null	Mm.35714
177236	244217	AI854679	TC186628	membrane protein TMS-2	Mm.29344
13775	14582	AI854843	TC164078	null	Mm.41251
37992	54131	AI854876	TC174822	Doc2	Mm.43681
276868	345558	AI854660	TC173905	glutathione reductase	Mm.20288
87377	157160	AI854686	TC200290	SET	Mm.28805
142291	190976	AI851321	TC173763	null	Mm.28877
49801	67096	AI851358	TC200841	null	Mm.29497
22008	30829	AI851393	TC200815	null	Mm.28435
56323	59709	AI851536	TC202166	null	null
143726	182817	AI851332	TC160460	null	Mm.24272
7371	12726	AI851366	TC187870	HNP36 protein	Mm.4930
34547	42902	AI851515	TC187011	null	Mm.28348
19558	26710	AI851542	TC188221	null	Mm.27389
0	0	AA407452	TC177600	null	Mm.30860
0	0	AA407648	TC175991	null	Mm.28642
0	0	AA409244	null	null	null
52268	82087	AA409495	null	null	Mm.14722
8858	13902	AA407526	TC164688	null	Mm.21105
59732	69994	AA407686	TC188246	Fus1 protein	Mm.21739
0	0	AA409261	null	null	null
0	0	AA409570	null	null	null
17945	16643	AI854706	TC206325	null	Mm.39100
13533	12600	AI854732	null	null	null
6878	10511	AI850930	null	null	Mm.40205
13330	14738	AI850965	TC188786	null	Mm.2866
26395	30369	AI854713	TC201178	SHD-1 protein	Mm.28413

17257	18583	AI850906	TC176635	null	Mm.22955
20978	23007	AI850939	TC210729	null	Mm.40896
0	0	AI850972	TC163377	null	Mm.24291
14688	15193	AI851563	TC210693	null	Mm.40925
4263	8684	AI851590	TC159249	null	Mm.31734
76879	77290	AI851426	TC162057	unnamed protein product	Mm.27700
31634	43072	AI851464	TC164888	null	Mm.37691
70177	92528	AI851569	TC190228	phosphatidylinositol 4-phospha	Mm.3191
19876	19126	AI851597	TC179833	null	Mm.44947
26844	27838	AI851434	TC159645	serine protease	Mm.7409
15535	15267	AI851472	TC177576	null	Mm.40360
39628	43343	AA409659	TC203539	null	Mm.27519
13895	32351	AA409851	TC175106	prolyl oligopeptidase	Mm.90005
0	0	AA407657	TC188462	null	Mm.16479
12012	13402	AA407398	null	null	null
296643	186759	AA409687	TC200194	cytochrome c	Mm.35389
28554	55102	AA409897	TC175507	null	Mm.3241
0	0	AA409604	TC159568	ATPase	Mm.29582
0	0	AA409964	TC204797	null	Mm.28695
8656	11660	AI854837	TC189346	null	Mm.19091
7615	5520	AI854869	TC188859	null	Mm.28898
0	0	AI854900	TC162356	null	Mm.41156
41780	62934	AI854680	null	null	null
53246	81070	AI854844	TC160303	null	Mm.30849
35623	55911	AI854878	TC200469	microtubule-associated protein	Mm.12625
53500	59713	AI854661	TC201067	clathrin-associated protein	Mm.2237
15857	20540	AI854688	TC174353	null	Mm.29259
133081	176692	AI851325	TC174672	AM2 receptor	Mm.7221
63387	68053	AI851359	TC158430	null	Mm.2632
16796	17898	AI851394	TC187200	null	Mm.27769
20716	24541	AI851537	TC201389	HNMP-1	Mm.20829
235112	209216	AI851333	TC187307	null	Mm.42110
64570	78425	AI851368	TC175858	null	Mm.41061
13560	16035	AI851522	TC193022	null	Mm.39898
40755	41269	AI851544	TC162196	asc1	Mm.35567
41260	37271	AA407454	TC173672	null	Mm.23877
0	0	AA407651	TC186457	histone H2a.1-F	Mm.22676
0	0	AA409270	TC192723	Wnt-6	Mm.2438
6705	7633	AA409500	TC202862	null	Mm.28696
56842	106736	AA407459	TC187194	null	Mm.17917
0	0	AA407708	null	null	Mm.34092
12883	11101	AA409269	TC163499	null	Mm.29252
70491	221553	AA409573	TC186425	null	Mm.3532
24274	29497	AI854707	TC201210	null	Mm.28244
9934	13282	AI854733	TC174932	null	Mm.41110
0	0	AI850932	TC201284	isovaleryl dehydrogenase precu	Mm.6635
25301	30852	AI850966	TC159965	CDC10	Mm.2858
13071	14944	AI854714	null	null	null
16966	16965	AI850907	TC210728	null	Mm.39637
36498	41725	AI850940	TC188494	Ese2 protein	Mm.40285
17960	17765	AI850973	TC179704	null	Mm.30598

171021	371132	AI851564	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
27052	33917	AI851591	null	null	Mm.39224
29987	40551	AI851427	TC174554	cAMP-dependent protein kinase	Mm.25594
109667	191856	AI851466	TC174231	Clast1	Mm.28385
33212	39049	AI851570	TC189345	null	Mm.34579
43002	52419	AI851598	TC173359	null	Mm.9852
5418	6211	AI851435	null	null	Mm.40536
33083	37140	AI851474	null	null	Mm.39648
13914	15506	AA409663	TC174512	F41	Mm.21673
141955	293368	AA409853	TC186508	null	Mm.14802
14726	16856	AA407659	TC175722	null	Mm.29241
72658	75803	AA409404	TC190541	beta-1,3-N-acetylglucosaminylt	Mm.100619
21455	32243	AA409725	TC174741	null	Mm.2133
77052	121046	AA409925	TC173729	deletion target in pancreatic	Mm.3632
25899	44316	AA409609	null	null	null
20194	39138	AA410041	TC174942	null	Mm.30060
243679	340594	AI854838	TC159770	14-3-3 epsilon	Mm.42972
56672	57469	AI854872	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
44877	65861	AI854901	TC158371	null	Mm.35837
25799	29773	AI854681	TC189909	HCMV-interacting protein	Mm.29022
2260	4467	AI854845	TC163911	null	Mm.35755
9371	10703	AI854879	TC176582	null	Mm.10038
13282	30783	AI854662	TC203442	null	Mm.29176
10673	16493	AI854689	TC175151	null	Mm.26589
14094	20030	AI851327	TC205979	null	Mm.39475
14153	13405	AI851361	null	null	null
0	0	AI851395	null	null	null
19680	22423	AI851538	TC204031	null	Mm.38118
81715	77236	AI851335	TC203687	null	Mm.19324
33532	48173	AI851370	TC173091	mtprd	Mm.3679
17691	22912	AI851523	TC181494	null	Mm.40354
24585	34572	AI851545	TC187380	testosterone induced transcrip	Mm.42240
7056	5535	AA407468	TC161989	Tssc6 protein	Mm.28172
21090	42845	AA407614	null	null	null
19163	29269	AA409273	TC162172	null	Mm.567
126307	119040	AA409440	null	null	Mm.12970
35831	35686	AA407467	TC174512	F41	Mm.21673
29714	30639	AA407720	TC201121	null	Mm.28679
28470	28664	AA409289	null	null	null
22643	13946	AA409575	TC200971	null	Mm.29809
34693	37086	AI854709	TC177477	null	Mm.31551
8205	11311	AI854734	TC170064	null	Mm.40545
11480	16354	AI850933	TC200348	null	Mm.34626
0	0	AI850967	TC174721	null	Mm.41903
27890	28606	AI854715	TC207019	null	Mm.31457
78383	74849	AI850908	TC187918	EAR2	Mm.2376
11288	16419	AI850941	TC163338	null	Mm.27261
41152	49179	AI850974	TC163334	null	Mm.38665
25410	29942	AI851565	TC160941	null	Mm.10641
36179	42467	AI851593	TC201854	PBX2	Mm.7103
59171	69204	AI851429	TC161129	ARL-6 interacting protein-6	Mm.37623

45399	63342	AI851468	TC186452	unknown	Mm.39896
16908	21495	AI851571	TC160721	null	Mm.43871
75971	98777	AI851397	TC159957	connexin 43	Mm.4504
95904	90437	AI851438	null	null	null
10071	13722	AI851475	TC201806	null	Mm.41442
8621	9298	AA409665	TC200298	null	Mm.29915
17212	19806	AA409822	TC164194	null	Mm.16802
39054	35931	AA407663	TC178875	null	Mm.3640
58188	61540	AA410142	TC175150	tyrosine kinase	Mm.21056
56771	62478	AA409735	TC175173	null	Mm.27520
15504	16571	AA409940	TC203983	null	Mm.27866
41737	57713	AA409796	TC174954	null	Mm.28709
10290	8058	AA410061	null	null	null
513644	440601	AI854839	TC174352	null	Mm.29646
45702	45389	AI854873	TC160877	null	Mm.28225
16030	12438	AI854905	TC172839	null	Mm.39952
0	0	AI854682	TC191173	null	Mm.35017
22680	23351	AI854846	TC162511	null	Mm.18617
0	0	AI854880	TC201917	null	Mm.41769
29443	37429	AI854663	TC201096	null	Mm.3012
32990	28292	AI854690	TC163774	null	null
189111	114936	AI851328	TC189268	hydroxysteroid sulfotransferas	Mm.7316
91481	68334	AI851362	TC202755	null	Mm.32581
0	0	AI851396	TC205777	null	Mm.41246
60877	58556	AI851539	TC201001	null	Mm.24260
112093	108144	AI851336	TC200916	null	Mm.28794
57048	45346	AI851372	TC210698	null	Mm.40905
7972	8343	AI851524	TC189909	HCMV-interacting protein	Mm.29022
11219	7581	AI851546	null	null	null
0	0	AA407507	TC190025	transposase-like protein	Mm.28450
6511	6336	AA407615	null	null	Mm.100549
0	0	AA409278	TC160021	null	null
10482	13876	AA409442	TC191871	null	Mm.28894
19135	20848	AA407545	null	null	Mm.24461
8742	9117	AA407726	TC162714	null	Mm.34654
8467	9501	AA408066	TC202475	heparan sulfate D-glucosaminyl	Mm.100135
0	0	AA409580	TC172656	null	Mm.89182
181097	150102	AI854710	TC186996	null	Mm.29617
30670	32348	AI854735	TC191868	null	Mm.41234
8176	8245	AI850934	TC162140	null	null
0	0	AI850968	TC200611	Pig-o	Mm.32221
43967	60930	AI854716	null	null	Mm.42255
10783	14525	AI850909	TC163411	null	Mm.24634
18011	27031	AI850942	TC189334	null	Mm.45027
21325	17671	AI850976	TC162018	null	Mm.28410
24236	31380	AI851566	null	null	null
128417	124319	AI851594	TC201818	null	Mm.33881
29705	33647	AI851430	TC158997	p21	Mm.7414
25936	21656	AI851469	TC161934	null	Mm.27088
346175	333740	AI851572	TC205218	null	null
167301	184298	AI851400	TC161946	null	Mm.28661

120690	123111	AI851441	TC160279	proteasome subunit C9	Mm.30270
0	0	AI851476	TC174564	null	Mm.40671
68601	62594	AA409636	TC186578	EH domain-containing protein E	Mm.30169
24778	39596	AA409823	TC162902	null	Mm.24873
523430	790395	AA407905	TC186862	centrosomin B	Mm.2238
142006	134548	AA410145	TC174580	AZ2	Mm.2179
0	0	AA409766	TC208435	null	Mm.24471
41560	53196	AA409952	TC201029	nuclear protein	Mm.90339
24281	20357	AA409799	TC162868	COP9 complex subunit 7b	Mm.100138
0	0	AA410046	TC204298	null	null
0	0	AA408675	TC187239	null	Mm.28286
426965	277860	AA408793	TC174311	dipeptidyl peptidase iv	Mm.1151
23222	23190	AA408763	TC202849	null	Mm.86644
0	0	AA409010	null	null	Mm.3739
16029	13743	AA408693	TC202044	null	Mm.29694
0	0	AA408470	TC189788	null	Mm.21557
68015	58791	AA408927	null	null	Mm.100140
6386	7428	AA409038	TC175520	null	Mm.28702
0	0	AW538416	TC168795	null	Mm.102552
0	0	AW538488	TC201165	null	Mm.25918
43963	69649	AW538541	TC174390	null	Mm.22621
42101	38603	AW538593	TC197010	null	null
0	0	AW538442	TC162908	null	Mm.19119
0	0	AW538501	TC178602	null	Mm.102554
44705	60454	AW538554	TC157727	kinesin heavy chain	Mm.43696
31295	34909	AW538605	TC173298	CA XIV	Mm.34556
0	0	AW539625	TC205118	null	Mm.35910
8339	7181	null	null	null	null
4873	5393	AW539820	TC161230	delta-aminolevulinic acid dehy	Mm.6988
35292	37558	AW540988	null	null	null
17877	15296	AW539640	TC162380	null	Mm.28629
123135	224576	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
109622	117131	AW540941	TC186554	null	Mm.400
60239	55373	AW541013	TC200172	null	Mm.7884
16302	19624	AA409133	null	null	Mm.29658
18593	19718	AA409339	TC161912	null	Mm.28371
0	0	AW537861	TC162392	null	Mm.24794
48840	58376	AW537933	TC202573	null	Mm.25322
15073	21256	AA409179	TC187158	hypothetical protein A	Mm.3752
19300	20082	AA409157	TC178127	null	Mm.46266
102951	125416	AW537875	TC173405	null	Mm.21062
352043	458869	AW537940	null	null	Mm.18041
27405	27891	AW538652	TC200437	null	Mm.25316
87336	121516	AW538707	TC158345	null	Mm.86915
22468	31206	AW538770	TC162058	cyclin F	Mm.4008
261984	268810	AW538840	TC203939	null	Mm.28937
48145	52285	AW538663	TC174204	null	Mm.2862
314556	559391	AW538729	null	null	null
146254	199734	AW538783	TC186924	ALG-2 interacting protein AIP1	Mm.29816
88937	79284	AW538853	TC173996	null	Mm.28957
0	0	AW541455	TC188054	null	Mm.29082

62750	82151	AW541501	TC186991	null	Mm.27818
42244	49288	null	null	null	null
24308	30741	AW542416	TC203319	null	Mm.5584
100068	132723	AW541470	null	null	Mm.45780
1098999	1450303	AW542312	null	null	null
131332	133113	AW542378	TC202428	null	Mm.5648
171091	203368	AW542434	TC160854	null	Mm.20353
57615	63181	AA408676	TC170991	null	null
71542	110910	AA408798	TC173279	NFE2-related factor 1	Mm.6743
281542	382264	AA408766	TC200063	null	Mm.65020
18056	17335	AA409016	null	null	null
35167	51344	AA408701	null	null	Mm.36182
31068	44312	AA408808	TC174508	null	Mm.18834
23944	25341	AA408929	TC199651	null	Mm.36552
30234	38984	AA409042	TC167467	null	Mm.27527
42172	75494	AW538432	TC200563	p116Rip	Mm.2402
58424	57763	AW538490	TC159928	null	Mm.22514
21117	24451	AW538543	TC196797	null	Mm.66309
22339	23702	AW538594	TC190692	null	Mm.37819
0	0	AW538444	TC161358	null	Mm.41910
136354	140875	AW538502	null	null	null
0	0	AW538555	null	null	null
288755	333569	AW538606	null	null	null
393208	590366	AW539631	TC159457	vacuolar adenosine triphosphat	Mm.10727
119728	155997	AW539759	TC200821	mitochondrial outer membrane p	Mm.20843
32496	53123	AW539821	TC173947	aurora-related kinase 1	Mm.11738
222710	213206	AW540989	TC158863	cytochrome c oxidase VIIc (AA	Mm.43786
84760	92192	AW539643	TC163966	null	Mm.26103
494023	939578	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
205516	218881	AW540942	TC200930	phosphatidylinositol transfer	Mm.3128
4108	8144	null	null	null	null
21977	27243	AA409134	TC201787	null	Mm.27853
47103	43909	AA409340	TC189711	null	Mm.30866
0	0	null	null	null	null
59105	67759	AW537934	null	null	null
0	0	AA409213	null	null	Mm.24507
41132	48149	AA409161	TC157723	fascin	Mm.13194
58772	85059	AW537880	TC174780	null	Mm.21753
0	0	AW537941	TC203828	null	Mm.98228
71996	74032	AW538653	null	null	null
1322556	1733624	AW538715	TC160117	argininosuccinate synthetase (Mm.3217
0	0	AW538772	TC207659	null	null
31911	50664	AW538845	TC161713	null	Mm.28964
26507	42512	AW538664	TC201431	protein arginine methyltransfe	Mm.41705
172511	128812	AW538730	TC160348	null	Mm.35844
23336	26801	AW538790	TC202730	null	Mm.26734
11814	26007	AW538857	TC177132	putative serine/threonine prot	Mm.25120
1581504	1643435	AW541458	TC200006	null	Mm.30133
102064	151663	AW541504	TC160810	gelatinase	Mm.4406
0	0	AW542359	TC190858	null	Mm.31816
226921	249257	AW542423	TC189501	null	Mm.46034

29976	45023	AW541471	TC173726	null	Mm.41374
411897	664818	AW542316	TC161902	null	Mm.27118
1165619	1705612	AW542384	null	null	null
842691	865664	AW542440	null	null	null
158726	201836	AA408677	TC157612	thioredoxin reductase 1	Mm.44552
19768	31880	AA408801	TC202485	orotidine-5'-monophosphate dec	Mm.802
17871	15273	AA408768	null	null	Mm.2108
133877	163646	AA409023	null	null	Mm.22660
0	0	AA408705	null	null	null
5669	6719	AA408815	TC176592	null	Mm.28863
21020	26434	AA408938	TC157225	null	Mm.866
17831	15216	AA409056	TC190136	null	Mm.3741
73497	134303	AW538436	TC158294	protein inhibitor of nitric ox	Mm.29908
650740	612419	AW538495	TC187191	null	Mm.45233
300575	537073	AW538545	TC158902	null	Mm.87266
44134	36084	AW538597	TC173918	null	Mm.38011
11027	9218	AW538451	TC187532	null	Mm.28481
113216	124231	AW538503	TC200618	null	Mm.27173
0	0	AW538557	TC197644	null	Mm.102557
52636	69946	AW538608	TC173486	clathrin-associated protein 19	Mm.833
290796	296175	AW539633	TC174489	eRFS	Mm.28882
219279	277905	AW539762	TC160161	Rab10	Mm.9455
629807	1384552	AW540935	null	null	Mm.16820
72886	59240	AW540993	TC188641	null	Mm.1053
161347	166158	AW539644	TC189197	null	Mm.89683
85104	87869	AW539782	TC160286	Ndr1 related protein Ndr3	Mm.36775
0	0	AW540949	null	null	null
0	0	AW541418	TC175954	Nck-interacting kinase-like em	Mm.46745
37108	45700	AA408993	TC175544	null	Mm.24208
42228	52763	AA409341	TC161662	null	Mm.25581
392371	287626	AW537862	TC200418	null	null
10840	18066	AW537935	TC163028	null	Mm.28180
38121	42913	AA409216	null	null	Mm.1776
0	0	AA409368	TC172405	null	null
37282	76110	AW537882	TC159607	type 1 sigma receptor; mSigmaR	Mm.22745
43043	55494	AW537943	TC201067	clathrin-associated protein	Mm.2237
40489	57210	AW538656	TC190286	null	null
59704	59350	AW538719	TC175041	cyclin H	Mm.18474
218575	216785	AW538773	TC158927	null	Mm.44226
48667	73226	AW538849	TC201332	null	Mm.29174
12183	13525	AW538665	TC186957	null	Mm.3715
84677	101781	AW538732	TC174480	null	Mm.27206
145781	145913	AW538794	null	null	null
13401	19195	AW538858	TC165708	null	Mm.37850
8668	12774	AW541461	TC165457	null	Mm.80701
192377	227298	AW542303	TC203716	null	Mm.36585
1478736	1701355	AW542365	TC159522	ezrin	Mm.4551
86415	160699	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
16832	17647	AW541472	TC175034	annexin XI	Mm.1427
83807	172304	AW542318	TC200127	null	Mm.21559
50668	57699	AW542387	null	null	Mm.102700

348366	231852	AW542441	TC189187	null	Mm.17794
75723	92493	AA408678	TC186798	the third largest RNA polymera	Mm.2186
136622	269919	AA408802	TC199996	null	Mm.5290
19703	22789	AA408772	TC204069	null	Mm.76646
21014	17418	AA409025	null	null	null
28474	51321	AA408648	TC162001	null	Mm.25269
0	0	AA408817	null	null	Mm.3730
14442	17330	AA408915	TC173059	unnamed protein product	Mm.4271
120071	181089	AA409060	TC200268	null	Mm.21086
0	0	AW538437	TC187455	endonuclease-1	Mm.2952
59671	108806	AW538496	TC160869	onzin	Mm.34609
0	0	AW538547	TC174384	GATA-2 protein	Mm.1391
50342	63497	AW538599	null	null	null
0	0	AW538452	null	null	null
421062	740225	AW538507	TC206926	null	Mm.102555
16435	16616	AW538558	null	null	null
332068	261810	AW538610	null	null	Mm.102559
4915	7207	AW539634	TC187672	null	Mm.24576
29692	32781	AW539764	TC176133	null	Mm.11186
198509	212562	AW540938	TC173427	null	Mm.5885
21262	30051	AW540995	null	null	null
115108	144947	AW539647	TC158383	null	Mm.28000
21370	20037	AW539785	TC187627	null	Mm.29614
203282	106031	AW540951	TC197633	null	Mm.102633
53890	78115	AW541423	TC161950	null	Mm.36511
6658	9260	AA408997	TC187628	null	Mm.28063
563457	610143	AA409357	TC201843	CXCR-4	Mm.1401
76087	64794	AW537864	TC186708	iron response element binding	Mm.4927
106273	113403	AW537938	null	null	null
62128	79272	AA409218	TC201022	null	Mm.36879
12931	15949	AA409371	null	null	null
99889	123569	AW537887	TC173982	alien-like protein	Mm.3596
61080	67169	AW537947	TC189898	CLOCK	Mm.3552
146854	139355	AW538657	TC159269	null	Mm.28372
25682	42847	AW538723	TC201684	null	Mm.34564
272625	1033665	AW538776	TC157679	rbm3	Mm.2591
70163	73568	null	null	null	null
856709	802198	AW538671	TC204419	collagen type V alpha 3 chain	null
30597	37201	AW538733	null	null	Mm.104498
175670	189908	AW538795	null	null	Mm.27656
1316714	1760548	AW538859	null	null	null
9735	1249	AW541464	TC175324	null	Mm.41245
8202	12818	AW542307	TC201315	putative G-protein	Mm.19080
0	0	AW542367	TC189244	null	Mm.31931
170854	168125	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
1035895	2642009	AW541474	null	null	Mm.4907
67929	77769	AW542319	TC166127	null	Mm.100049
117544	134356	AW542388	TC162493	null	Mm.38783
320036	467398	AW542443	TC186628	membrane protein TMS-2	Mm.29344
26519	13401	AA408683	TC187568	null	Mm.21110
8616	21414	AA408467	TC157718	null	Mm.4691

9329	16729	AA408891	null	null	Mm.3735
102923	113348	AA409027	TC174086	null	Mm.28018
26289	33601	AA408650	TC166214	null	Mm.24500
30360	43670	AA408830	TC188442	null	Mm.4271
10199	15572	AA408942	TC160232	platelet-activating factor ace	Mm.24199
100132	130967	AA409043	TC187143	null	Mm.21409
56284	103317	AW538438	null	null	Mm.7277
38413	63071	AW538497	TC160101	Lectin (AA 1 - 135)	Mm.43831
220845	247363	AW538548	TC159895	null	Mm.30245
15544	25468	AW538600	TC202269	null	Mm.29972
0	0	AW538454	TC189304	RNA binding protein FMRIP	Mm.21138
81314	111301	AW538510	TC160860	null	Mm.35492
686566	970838	AW538560	TC174389	null	Mm.13705
107627	141370	AW538614	TC187891	null	Mm.26696
28889	51073	AW539636	TC187572	null	Mm.29747
38014	52092	AW539777	null	null	null
76330	283438	AW540939	TC186904	syndecan (AA 1-311)	Mm.2580
38177	31903	AW541000	TC211289	null	Mm.102635
121687	195962	AW539649	TC200675	null	Mm.28343
36268	235004	AW539788	TC173782	metallothionien II	Mm.89170
171275	154651	AW540953	TC174777	null	Mm.28840
313914	342077	AW541424	null	null	null
8871	9803	AA409087	TC191590	null	Mm.29302
7946	12876	AA409155	null	null	null
0	0	AW537867	TC160608	SEC23B protein	Mm.28704
463590	534219	AW537940	null	null	Mm.18041
0	0	AA409220	TC160678	null	null
49430	53884	AA409372	TC189871	null	Mm.24483
68842	86505	AW537891	TC176340	null	Mm.18456
62717	109592	AW537949	TC174391	null	Mm.28786
290185	529499	AW538658	TC205770	null	Mm.37248
115481	117111	AW538725	TC158216	null	Mm.20818
102734	100513	AW538779	TC176305	null	Mm.33131
19574	15030	AW538851	TC205856	null	Mm.44505
40097	57005	AW538673	TC192877	null	Mm.70141
186115	174307	AW538734	TC201404	null	Mm.29398
63648	74062	AW538796	TC164204	null	Mm.74658
619598	416764	AW538861	TC173735	null	Mm.30073
10184	14202	AW541466	TC164879	null	Mm.26068
181629	184017	AW542310	TC200330	null	Mm.23929
121107	151661	AW542372	TC176050	S100 calcium-binding protein A	Mm.6523
334554	453428	AW542428	TC186808	adhesion regulating molecule A	Mm.28353
501171	1108347	AW541476	TC200019	null	Mm.28370
116557	275260	AW542320	TC210002	null	Mm.39607
104329	105202	AW542391	TC191996	null	Mm.25468
143273	165452	AW542445	TC187431	null	Mm.33853
38285	63036	AA408689	TC174755	null	Mm.33883
321669	417826	AA408469	TC174665	null	Mm.29605
16545	24106	AA408924	TC158357	pelle-like protein kinase	Mm.38241
225738	172283	AA409031	TC160827	null	Mm.27733
16618	11668	AA408654	TC191541	null	Mm.3590

5986	6020	AA408834	TC201899	null	Mm.28879
0	0	AA408944	null	null	Mm.100534
73800	100176	AA409051	TC186716	3SG protein	Mm.25622
24583	32054	AW538439	TC190194	HS1 binding protein 3	Mm.41098
38029	46629	AW538500	TC164473	ZFP265	null
17153	18948	AW538550	TC187666	HNF-3/fork-head homolog-1	Mm.455
49429	45508	AW538602	TC200582	null	Mm.29455
0	0	AW538455	TC178951	null	Mm.100633
19195	22759	AW538515	TC157719	prenidogen (AA -28 to 1217)	Mm.4691
47353	40505	null	null	null	null
229310	133541	AW538618	TC163438	null	Mm.28857
97817	96839	AW539639	null	null	Mm.2944
0	0	AW539778	TC207617	null	Mm.103348
0	0	AW540940	TC180467	null	Mm.102655
0	0	AW541003	TC159768	null	Mm.30851
57891	70362	AW539653	TC207771	null	null
0	0	null	null	null	null
28824	21047	AW540955	TC189618	null	Mm.38743
20053	22495	AW541426	TC189330	null	Mm.28204
19320	20946	AA409174	null	null	null
34995	48691	AA409156	null	null	Mm.24509
43744	60765	AW537868	TC174693	null	Mm.27750
553118	658767	AW537940	null	null	Mm.18041
0	0	AA409201	null	null	null
8037	12055	AA409373	TC203598	null	Mm.22139
124471	145260	AW537892	null	null	null
1159553	805696	AW537950	TC160293	null	Mm.34832
145632	131164	AW538660	TC163270	null	Mm.11285
569529	499225	AW538726	null	null	Mm.102562
69730	53436	AW538782	null	null	null
179465	240816	AW538852	TC159918	null	Mm.2756
110893	101843	AW538674	TC175565	null	Mm.6960
377895	321825	AW538736	null	null	null
8676	8355	AW538800	null	null	null
38128	35578	AW538862	TC187325	null	Mm.29503
51191	50625	AW541468	TC173520	null	Mm.29849
98297	122659	AW542311	TC189608	null	Mm.9239
469368	630344	AW542375	TC174407	N-acetylglucosamine (beta1-4)	Mm.100115
105529	97794	null	null	null	null
259458	260813	AW541478	TC157952	null	Mm.28852
638956	558997	AW542322	null	null	null
24562	21584	AW542393	null	null	null
0	0	AW542449	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
0	0	AW543942	TC176091	nuclear respiratory factor-1	Mm.24151
0	0	AW544007	TC160899	null	Mm.38173
39095	32945	AW544084	TC160536	null	Mm.28952
0	0	null	null	null	null
0	0	AW543959	null	null	null
0	0	AW544018	null	null	Mm.22702
238177	299336	AW544100	null	null	Mm.102739
0	0	AW544164	null	null	null

33757	34154	AW545127	TC203156	null	Mm.40796
0	0	AW545234	TC201453	null	Mm.34675
0	0	AW545301	TC160073	aspartyl aminopeptidase	Mm.24680
12036	13663	AW545347	TC162203	null	Mm.41622
0	0	AW545159	TC187467	null	Mm.87437
0	0	AW545257	TC189980	PRP precursor (aa -25 to 219)	Mm.3258
30790	39580	AW545312	TC186545	null	Mm.21905
28621	52957	AW545358	TC174851	null	Mm.19031
36975	25210	AW536333	TC173200	null	Mm.2140
0	0	AW536404	TC200032	brain expressed X-linked prote	Mm.14768
0	0	AW536443	TC191421	WNT-2	Mm.33653
0	0	AW536482	TC161469	hydrophilic protein	Mm.2948
13574	21912	AW536416	TC189081	Ki-67	Mm.4078
0	0	null	null	null	null
16451	22813	null	null	null	null
10574	16356	AW544216	TC203326	alpha-adaptin (A) (AA 1-977)	Mm.6877
4029	5288	AW544281	TC162524	ASC-1	Mm.27462
13011	17620	AW544350	TC160728	null	Mm.7906
0	0	AW544408	TC187318	mitotic checkpoint protein BUB	Mm.927
38107	56622	AW544238	null	null	Mm.102744
12898	17585	AW544304	TC176338	null	Mm.21492
199560	232053	AW544362	TC173635	coronin-2	Mm.28652
0	0	null	null	null	null
39354	38802	AW545415	null	null	null
137330	155062	null	null	null	null
0	0	null	null	null	null
22395	32892	null	null	null	null
9816	19132	AW545434	TC200279	null	Mm.41699
30895	39710	AW545583	TC157269	null	Mm.15974
217649	387091	AW545645	TC159944	tropomyosin 5	Mm.17306
13441	25897	AW545764	TC202960	null	Mm.39006
34115	53043	AW536533	TC201577	TFIID	Mm.43711
68732	73235	AW536586	TC203975	null	Mm.73361
344052	427615	AW536641	TC186991	null	Mm.27818
169162	248960	AW536706	TC159742	Tat binding protein-1	Mm.20946
841901	977191	AW536544	TC159803	ARF1	Mm.6836
0	0	AW536600	TC162005	null	Mm.28834
221458	368458	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
0	0	AW536719	TC205651	null	Mm.25995
0	0	AW543944	TC160552	null	Mm.29067
59605	74827	AW544008	TC173453	Clcn3 (chloride channel 3)	Mm.28842
109031	101719	AW544088	TC161107	null	Mm.21065
17398	23395	AW544148	TC158678	null	Mm.35123
102099	112893	AW543960	null	null	Mm.102734
0	0	AW544022	TC160705	null	Mm.27695
13350	20059	AW544107	TC203070	tumor rejection antigen P815A	Mm.1297
28091	32475	AW544165	TC188919	null	Mm.29886
149229	583485	AW545135	TC174457	null	Mm.34526
61746	81529	AW545236	TC173923	null	Mm.27332
154457	258124	AW545303	null	null	Mm.102784
17705	21271	AW545349	TC203310	null	Mm.27697

54155	57263	AW545162	TC189448	null	Mm.1828
46961	57205	AW545262	TC201139	null	Mm.4449
293821	511244	AW545313	TC200135	CCTeta, eta subunit of the cha	Mm.914
83391	81072	AW545359	TC174955	null	Mm.25558
65775	104771	AW536335	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
0	0	AW536406	null	null	null
12547	6160	AW536445	TC176200	null	Mm.27651
0	0	AW536486	TC178690	null	Mm.100765
47057	80590	AW536348	TC175631	null	Mm.29203
40437	55356	AW536417	TC187276	null	Mm.86453
0	0	AW536452	TC201919	null	Mm.26885
16967	20977	AW536499	null	null	null
36022	48037	AW544217	TC174173	null	Mm.27170
41431	71439	AW544285	TC186848	inhibitory G protein of adenyl	Mm.4284
15266	12567	AW544351	TC201433	KAP3A	Mm.4651
40480	85846	AW544412	TC199918	null	Mm.40068
11413	11345	AW544239	TC203439	null	Mm.57255
145177	185747	AW544308	TC173701	mDj11	Mm.22244
0	0	AW544366	TC173766	null	Mm.30272
0	0	AW544435	TC192759	EPCS68	null
46059	60068	AW545419	TC158711	null	Mm.88548
20402	39755	AW545564	TC174657	null	Mm.27890
0	0	AW545633	TC160713	TFIIH transcription/DNA repair	Mm.10182
158809	180622	AW545686	null	null	null
0	0	null	null	null	null
18643	22398	AW545585	TC177332	null	Mm.23575
188874	313261	AW545645	TC159944	tropomyosin 5	Mm.17306
30015	34272	AW545777	TC159832	proteasome subunit C2	Mm.30097
86428	153509	AW536536	TC162165	alpha-catenin related protein	Mm.25400
103251	101353	AW536587	TC161515	muskelin	Mm.20930
499370	600983	AW536643	TC158185	glutathione peroxidase	Mm.1090
84336	110972	AW536708	TC186796	null	Mm.27357
11877	18965	AW536547	TC160925	null	Mm.29424
8768	28291	AW536604	TC204273	null	null
241351	381667	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
5071	6717	AW536721	TC173425	Phosphatidic acid phosphatase	Mm.2598
76217	103217	AW543947	null	null	null
18800	55663	AW544009	TC176310	null	Mm.41538
160446	210630	AW544089	TC200659	null	Mm.29998
72782	91109	AW544149	TC159051	ubiquitin fusion-degradation 1	Mm.1830
9838	10393	AW543965	TC157823	null	Mm.35105
1652950	1538308	AW544025	TC174352	null	Mm.29646
48806	65535	null	null	null	null
111050	115246	AW544168	TC163575	null	Mm.30876
349754	337160	AW545138	TC187899	null	Mm.26392
238682	381301	AW545241	TC159944	tropomyosin 5	Mm.17306
306358	294194	AW545304	TC173516	null	Mm.24463
41118	54806	AW545351	TC161294	p33 RSP-1	Mm.905
0	0	AW545173	TC205083	null	Mm.100640
43160	44719	AW545266	TC187795	D7H11orf15 protein	Mm.35680
104575	146778	AW545314	TC161947	FIN16 gene product	Mm.2999

21058	40379	AW545363	TC187220	null	Mm.41043
19418	188048	AW536336	TC159456	stearoyl-CoA desaturase 2	Mm.298
5301	13450	null	null	null	null
6953	10209	AW536446	TC173298	CA XIV	Mm.34556
21489	20250	AW536488	TC157919	null	Mm.103606
54962	97481	AW536349	TC189405	null	Mm.41166
17203	30918	AW536418	TC160471	p93	Mm.34248
15609	20402	null	null	null	null
69417	69187	AW536500	TC159016	null	Mm.35808
60040	59821	AW544226	null	null	Mm.34775
9199	213951	AW544289	TC202708	null	Mm.22260
57801	48911	AW544356	TC161069	null	Mm.38607
53572	100342	AW544418	TC186828	null	Mm.24745
32433	40609	AW544241	TC160705	null	Mm.27695
1625409	2005171	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
15395	16803	AW544369	TC176892	null	Mm.23594
48488	48491	AW544437	TC188910	null	Mm.22582
60367	78238	AW545420	TC200741	signal recognition particle su	Mm.89927
45764	60099	AW545565	TC187420	galactokinase	Mm.2820
71398	108396	AW545634	TC188120	Trp4-associated protein TAP1	Mm.27942
27873	36040	AW545696	TC174567	null	Mm.25559
17647	12172	AW545445	TC176348	null	Mm.29389
13814	22388	AW545586	TC200481	beta-glucuronidase	Mm.3317
39506	52789	AW545652	TC160205	ubiquitin like protein	Mm.196
42727	59822	AW545778	TC180810	null	Mm.89921
104495	103823	AW536538	TC174138	null	Mm.29904
0	0	AW536591	null	null	null
276269	265989	AW536647	TC200674	null	Mm.27107
11587	26068	AW536712	TC173609	null	Mm.4502
563883	1053606	AW536552	null	null	Mm.102505
222443	204667	AW536605	TC165898	null	Mm.102508
39671	57578	AW536664	TC175629	transmembrane protein 2	Mm.26702
51718	101315	AW536723	TC173194	null	Mm.29815
22428	27606	AW543952	TC189347	null	Mm.30455
11206	17606	AW544013	TC197036	null	Mm.102717
10453	5312	AW544093	TC175234	ABC transporter	Mm.28663
27133	33870	AW544153	TC160567	null	Mm.21919
383141	359426	AW543967	TC190333	null	Mm.31345
47100	44731	AW544026	TC204383	null	Mm.103409
0	0	null	null	null	null
75319	92866	AW544170	TC159885	Lasp-1	Mm.21387
27621	84189	AW545145	TC187110	null	Mm.38279
51383	50582	AW545246	TC186518	null	Mm.21966
43791	58278	AW545306	TC173770	null	Mm.13823
105250	167382	AW545354	TC187921	sid2057p	Mm.24231
0	0	AW545175	TC173294	metastasis associated protein	Mm.25339
45817	60413	AW545267	TC160630	null	Mm.29608
64758	72661	AW545316	TC177896	null	Mm.87290
87356	148752	AW545365	TC160208	null	Mm.22667
57778	73389	AW536337	TC174256	actin-related protein 11	Mm.29317
101959	197848	AW536410	TC186421	TGF-beta receptor binding prot	Mm.18921

201791	390391	AW536447	null	null	null
18299	14656	AW536489	TC178156	null	Mm.82580
0	0	AW536354	TC175814	null	Mm.9856
19259	30734	AW536419	TC189366	null	Mm.41591
242501	159014	AW536456	TC173404	succinate dehydrogenase lp sub	Mm.29141
27592	25785	AW536501	TC191020	null	Mm.45101
15003	23009	AW544229	TC187491	null	Mm.30243
297097	397027	AW544294	TC159871	null	Mm.27560
180442	136791	AW544358	TC201385	null	Mm.39297
43821	57684	AW544421	TC187843	A6 protein tyrosine kinase hom	Mm.100827
70950	58966	AW544248	null	null	null
1271105	1517412	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
30903	27824	AW544370	TC157979	null	Mm.103456
13582	15372	AW544438	null	null	Mm.104502
46792	43812	AW545422	null	null	null
358787	376816	AW545567	null	null	null
30155	35936	AW545635	TC187098	null	Mm.27235
6330	12470	AW545697	TC157710	unnamed protein product	Mm.21514
57702	81633	AW545446	TC176106	SH3 domain-containing adapter	Mm.20882
8016	24518	AW545587	TC160336	null	Mm.29586
16489	17168	AW545653	TC186829	null	Mm.21873
8912	9764	AW545783	TC165651	null	Mm.39867
22355	42951	AW536539	TC174755	null	Mm.27743
460012	569736	AW536592	TC186746	D-type cyclin	Mm.3141
114983	119816	AW536649	TC201239	null	Mm.21773
0	0	AW536713	TC190584	null	Mm.33831
0	0	AW536553	TC190345	null	Mm.27333
526093	420517	AW536606	TC160238	DnaJ-like protein	Mm.27897
238084	303481	AW536666	TC186487	non-histone chromosomal high-m	Mm.16421
40535	42000	null	null	null	null
9194	8125	AW543953	TC201346	null	Mm.30208
35371	44686	AW544015	TC175122	null	Mm.18520
53936	99909	AW544095	TC186874	lamin C2	Mm.3438
38711	55152	AW544155	TC186858	FBP 21	Mm.20938
49414	40672	AW543969	TC200643	putative membrane associated p	Mm.9052
164190	194441	AW544029	null	null	Mm.28780
9618	12080	AW544111	TC188551	null	Mm.21532
0	0	AW544172	TC178154	null	Mm.102767
184139	176100	AW545152	TC187081	null	Mm.44227
13319	11670	AW545249	TC161313	null	Mm.28776
233682	323097	AW545310	TC173335	pendulin	Mm.12508
59323	66164	AW545355	TC187809	null	Mm.59950
12173	18433	AW545177	TC211347	null	Mm.102779
1359715	1526604	AW545272	null	null	null
758927	704374	AW545317	null	null	null
26520	37292	AW545369	TC191649	null	Mm.83632
40292	55338	AW536340	TC189553	Mess1	Mm.90272
38422	43058	AW536411	TC175597	null	Mm.29721
57245	47990	AW536449	TC200371	null	Mm.2500
17104	30595	AW536490	TC200946	ISOT	Mm.3571
40938	45298	AW536356	TC188982	Daxx	Mm.28118

70914	152075	AW536420	TC173332	phosphofructokinase	Mm.1166
338540	406264	AW536457	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
56931	51290	AW536502	TC173946	null	Mm.29308
7005	13983	AW544232	TC175800	null	Mm.17359
0	0	AW544296	TC186792	LNR42	Mm.27728
16490	25348	AW544359	TC174193	pre P-cadherin (AA -27 to 795)	Mm.4658
43932	55469	AW544430	TC187677	null	Mm.23824
21832	23803	AW544249	TC177073	null	Mm.39963
56601	76798	AW544314	TC160798	formin binding protein 11	Mm.87658
300449	458719	AW544371	TC173154	dead-box RNA helicase	Mm.18459
94740	56832	AW544440	TC188761	null	Mm.24647
37977	51699	AW545424	TC160408	null	Mm.34570
14755	18335	AW545568	TC158937	ctla-2-beta protein (141 AA)	Mm.22715
30550	56241	AW545639	TC200133	A10	Mm.16898
17239	14225	AW545698	TC176581	null	Mm.25649
20239	11269	null	null	null	null
12700	17704	AW545588	TC188958	null	Mm.37567
54472	66804	AW545655	TC161996	null	Mm.63425
7011	6596	AW545785	TC190411	null	Mm.46758
337231	537964	null	null	null	null
171449	150706	AW536594	TC163383	null	Mm.1896
31905	30872	AW536656	TC202788	short chain acyl-CoA dehydroge	Mm.18759
14113	12882	AW536714	TC165167	null	Mm.100605
33925	37762	AW536559	null	null	Mm.102506
579063	1112883	AW536609	TC186862	centrosomin B	Mm.2238
229466	331577	null	null	null	null
252423	241691	AW536726	TC160856	aminopeptidase	Mm.29824
60642	70853	AW543954	TC173462	ubiquitin-homology domain prot	Mm.7353
39604	40586	AW544017	null	null	Mm.2632
99712	90888	AW544098	TC186827	mitogen-activated protein kin	Mm.30629
27963	25438	AW544157	TC202132	transcription factor NF-YC sub	Mm.27220
116329	221184	AW543971	TC157751	null	Mm.21679
97843	125168	AW544036	null	null	null
8125	23309	AW544115	TC200259	null	Mm.4290
129787	145218	AW544177	TC157735	transgelin	Mm.22632
15453	23523	AW545158	TC161115	null	Mm.25157
219140	100277	AW545252	TC187964	null	Mm.21623
19790	14108	AW545311	TC164814	null	Mm.80584
50218	72281	AW545357	null	null	null
0	0	null	null	null	null
19684	43160	AW545274	TC187260	null	Mm.31630
113454	166253	AW545318	TC160139	proliferating cell nuclear ant	Mm.7141
32135	37614	AW545371	TC159155	null	Mm.35481
25882	26941	AW536342	TC200556	null	Mm.28892
65779	62747	AW536415	TC189643	null	Mm.34200
21138	32556	AW536450	TC164481	null	Mm.41855
21306	24106	AW536492	TC158353	cyclin E2	Mm.22136
356507	449506	AW536359	TC173296	null	Mm.11204
585967	940396	AW536421	null	null	null
27831	25544	AW536458	null	null	null
0	0	AW536503	TC160620	null	Mm.29078

19627	20497	AW544236	TC176515	prolactin-like protein M	Mm.23585
55977	67309	AW544299	TC160269	unknown	Mm.396
314129	305243	null	null	null	null
99063	100722	AW544431	TC200490	null	Mm.36900
12012	11942	AW544251	null	null	null
22902	32187	AW544317	TC186700	proteasome subunit iota	Mm.30210
57177	77288	AW544372	TC187357	null	Mm.28053
0	0	AW544441	TC189899	null	Mm.27143
30720	29161	AW545427	TC176537	null	Mm.27268
99619	53716	AW545573	TC158464	IL-2 receptor gamma precursor	Mm.2923
43837	16293	AW545641	TC160313	null	Mm.730
23838	15164	AW545699	TC187915	serine/threonine phosphatase	Mm.849
0	0	AW545451	TC157845	null	Mm.41801
518835	415366	AW545589	TC175978	prediabetic NOD sera-reactive	Mm.18805
0	0	AW545656	TC200664	placental lactogen	Mm.30271
110782	95487	AW545786	null	null	null
34491	38022	AW536542	TC157369	null	Mm.100588
785756	881766	AW536599	TC160219	14-3-3 eta protein	Mm.3308
117634	121407	AW536657	TC173866	null	Mm.29856
0	0	AW536715	TC177195	null	Mm.45342
19231	18008	AW536563	TC202192	null	Mm.21637
346687	657633	AW536614	TC161186	null	Mm.22260
12734	10944	AW536672	TC204253	null	Mm.44282
0	0	AW536727	TC188273	null	Mm.16976
38212	77568	AW537100	TC176148	natural resistance associated	Mm.1304
0	0	AW537174	null	null	Mm.29888
168465	186265	AW537218	TC187147	p53 apoptosis-associated targe	Mm.28209
32081	51000	AW537265	TC158551	null	Mm.41651
58372	147597	AW537114	TC160312	null	Mm.28291
40260	59605	AW537187	null	null	null
54571	79978	AW537232	TC163821	null	Mm.41508
18105	26151	AW537279	TC200038	myristoylated alanine-rich C-k	Mm.30059
30506	29455	C76152	TC201306	null	Mm.27792
9132	9542	C76223	null	null	null
10312	8621	C76308	TC201349	null	Mm.27182
0	0	C76411	null	null	null
0	0	C76166	null	null	Mm.28004
259596	319721	C76256	TC202466	null	Mm.29023
7329	6820	C76325	null	null	Mm.34928
5138	8145	C76444	TC187546	SKD2	Mm.1117
0	0	C77497	TC174441	null	Mm.27828
0	0	C77557	null	null	null
0	0	C77617	null	null	null
43690	50137	C77685	TC201933	null	Mm.25743
0	0	C77519	null	null	null
7328	11166	C77575	TC191198	null	Mm.22107
0	0	C77631	null	null	null
0	0	C77701	null	null	null
137170	181970	AW537329	TC174734	null	Mm.26168
93596	83170	AW537380	TC203533	null	Mm.21081
5505	13609	AW537427	TC159943	Tum-P91A antigen	Mm.12194

0	0 null	null	null	null
136672	274794 AW537342	null	null	Mm.1776
44821	85814 AW537395	TC187093	E6-AP ubiquitin protein ligase	Mm.9002
355105	413709 AW537453	TC173646	beta prime coatomer protein	Mm.18729
0	0 null	null	null	null
204523	262846 C76488	TC158918	UbcM4 protein	Mm.3074
16180	17796 C76608	TC177305	null	Mm.35597
14560	24345 C76712	TC176267	null	Mm.34131
0	0 C76804	null	null	null
15152	15957 C76514	TC175522	secretory protein containing t	Mm.1421
27846	31334 C76643	null	null	Mm.5519
0	0 C76746	TC188305	null	Mm.24563
0	0 C76817	null	null	null
0	0 C77761	TC204017	null	Mm.27619
0	0 C77847	null	null	null
0	0 C77948	null	null	null
14814	15561 C78014	TC185598	null	Mm.63506
27373	27904 C77786	TC169756	null	Mm.24969
242382	337577 C77865	TC190103	null	Mm.24972
134394	159919 C77959	TC189349	syntaxin 3A	Mm.5122
16252	17075 C78030	null	null	null
193207	306420 AW537102	TC160752	null	Mm.27804
224891	406824 AW537176	TC160173	deubiquitinating enzyme	Mm.26234
213614	362067 AW537219	TC187454	null	Mm.24092
17424	18029 AW537267	TC191769	null	Mm.87741
434889	464768 AW537120	null	null	null
0	0 AW537188	TC159439	protein 41	null
1290029	1040918 AW537237	TC173114	ARL-6 interacting protein-1	Mm.29924
172415	289269 AW537281	TC174679	null	Mm.27611
16815	20225 C76153	null	null	null
39502	59556 C76229	TC161135	null	Mm.28932
0	0 C76309	null	null	null
4469	8293 C76420	null	null	null
503929	487601 C76167	TC173223	cytochrome c oxidase subunit I	Mm.2136
38076	44817 C76257	null	null	Mm.24899
30424	31132 C76329	null	null	null
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101907	134877 C77498	TC204170	null	Mm.24956
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0	0 C77618	null	null	Mm.24960
18619	15161 C77687	TC176336	null	Mm.28252
0	0 C77520	null	null	null
0	0 C77576	null	null	null
0	0 C77645	TC166224	null	Mm.35124
16214	12709 C77703	TC201290	GTP binding protein	Mm.1597
104364	214751 AW537330	TC200521	null	Mm.28839
0	0 null	null	null	null
24345	35601 AW537432	TC158328	ring-box protein 1	Mm.29405
24433	28849 AW537497	TC161168	null	Mm.8903
103691	103980 AW537344	TC189489	null	Mm.30648
51592	52282 AW537398	TC160977	vacuolar adenosine triphosphat	Mm.20476

123574	183239	AW537454	TC159926	null	Mm.27344
81016	72066	AW537505	TC186688	3-hydroxy-3-methylglutaryl-CoA	Mm.22668
0	0	C76489	null	null	Mm.24912
30323	27285	C76610	TC190824	null	Mm.85763
0	0	C76714	null	null	Mm.103682
0	0	C76805	TC187662	myosin light chain	Mm.43
6758	7355	C76523	TC161997	null	Mm.5510
195368	287331	C76660	TC200550	null	Mm.25787
22392	29735	C76747	TC175057	null	Mm.34514
6839	10047	C76818	TC188643	endomucin	Mm.27343
15923	23771	C77766	TC161703	null	Mm.26609
42119	55931	C77855	TC201162	null	Mm.26740
0	0	C77949	null	null	null
15430	15694	C78021	null	null	null
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21567	27679	C77872	null	null	null
0	0	C77960	null	null	null
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41001	62850	AW537108	TC190560	precursor laminin A chain (AA	Mm.243
104135	168919	AW537177	TC173504	HP1 alpha protein	null
357359	502915	AW537221	TC161538	null	Mm.5378
89357	128928	AW537268	TC160519	guanine nucleotide exchange fa	Mm.29128
132846	75666	AW537122	TC176223	null	Mm.7326
68117	86584	AW537190	TC187521	null	Mm.28378
408106	422115	AW537243	TC186867	vacuolar adenosine triphosphat	Mm.29045
54695	42314	AW537286	TC204206	null	Mm.77702
23937	24793	C76156	null	null	Mm.103182
6181	9912	C76230	null	null	Mm.88766
56736	76398	C76314	TC174076	null	Mm.27989
0	0	C76424	null	null	null
331644	662771	C76172	null	null	null
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25785	27731	C77501	TC201544	null	Mm.35121
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7788	12641	C77704	null	null	null
85951	112557	AW537331	TC204838	null	Mm.41937
201632	178590	AW537382	TC202337	null	Mm.27852
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121345	138779	AW537455	null	null	Mm.8302
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0	0	C76732	null	null	null
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10898	9339	C76749	null	null	null
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76556	104978	C77858	TC203357	null	Mm.27184
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92609	136203	C78022	TC201262	null	Mm.33394
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98848	74757	C78036	TC203496	null	Mm.22344
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83527	118987	AW537224	TC189374	null	Mm.24069
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85440	109655	AW537125	TC175548	null	Mm.76059
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438863	351417	AW537244	null	null	Mm.10530
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70410	57771	C76157	null	null	null
12778	16138	C76233	TC172890	null	Mm.100060
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8271	10398	C76428	null	null	Mm.5491
244439	395200	C76173	TC160619	protein-tyrosine-phosphatase	Mm.27122
185130	141475	C76261	null	null	Mm.24900
428263	679961	C76332	null	null	Mm.24903
32227	35889	C76453	null	null	null
101296	142183	C77513	TC187299	G protein gamma 5 subunit	Mm.21955
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0	0	C77623	null	null	null
26346	23532	C77691	TC212561	null	Mm.24964
5248	5438	C77522	null	null	null
44417	44880	C77579	TC200367	cellular repressor of E1A-stim	Mm.459
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14159	12658	C77710	null	null	null
140557	191437	AW537334	TC186810	null	Mm.21132
74839	77228	AW537390	null	null	Mm.102524
245939	314843	AW537446	TC157649	transcription factor S-II	Mm.87235
156372	148452	AW537499	TC163290	null	Mm.45286
75213	93984	AW537349	TC202950	null	Mm.25188
159667	215360	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
0	0	AW537457	null	null	null
58785	90998	AW537507	TC200064	high mobility group protein ho	Mm.340
39187	51498	C76498	TC177913	null	Mm.44322
6944	9831	C76628	null	null	Mm.5518
0	0	C76736	null	null	null
40567	50207	C76810	TC187100	TNF-alpha converting enzyme pr	Mm.27681

11349	16892	C76533	null	null	Mm.13212
36662	46758	C76664	null	null	null
440552	910096	C76750	TC199957	TIS	Mm.27927
170504	240343	C76820	TC162261	null	Mm.22270
100401	144625	C77773	TC187182	LNXP70	Mm.24084
35431	42811	C77860	null	null	null
8034	5254	C77952	TC202037	null	Mm.29043
24664	23660	C78024	null	null	null
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40519	110971	C77965	TC161537	aldose reductase-related prote	Mm.5378
0	0	C78037	null	null	Mm.5668
0	0	AW537111	TC204505	T	Mm.913
223363	404305	AW537185	TC202054	null	Mm.1947
18642	25894	AW537225	TC159002	RAD54	Mm.3655
180129	171915	AW537276	TC163216	cripto	Mm.5090
107323	260902	AW537126	TC200524	chromatin nonhistone high mobi	Mm.4438
1461216	2103354	AW537194	null	null	null
1252992	2280216	AW537247	TC199996	null	Mm.5290
15928	19552	AW537288	null	null	null
9079	11190	C76158	TC191611	null	Mm.25272
16257	18793	C76242	null	null	null
31449	37567	C76318	TC173376	null	Mm.34296
52206	53813	C76431	null	null	null
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417021	561996	C76333	TC173151	cystatin C	Mm.4263
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585786	464428	C77571	TC160236	G protein beta 36 subunit	Mm.30267
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31188	44036	AW537338	TC173209	null	Mm.29931
248052	326152	AW537392	TC186864	null	Mm.28976
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232356	210981	AW537501	TC157732	null	Mm.22179
58715	53768	AW537352	TC177388	preprothyrotropin-releasing ho	Mm.1363
172550	202270	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
17589	21123	AW537458	TC203738	null	Mm.91081
81669	103780	AW537510	TC200362	ablphilin-1	Mm.695
94098	105163	C76499	TC176716	null	Mm.36822
14992	15443	C76631	null	null	null
6963	6476	C76739	null	null	Mm.24920
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9693	9198	C77776	null	null	Mm.5650
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19242	25428	C78025	TC203119	null	Mm.46000
20554	15427	C77794	null	null	null
14215	17827	C77889	TC157883	ubiquitin-conjugating enzyme	Mm.12921
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1404304	1409283	AW537186	null	null	Mm.102518
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170932	248560	AW537278	TC161994	null	Mm.1668
9663	13381	AW537129	TC164710	null	Mm.39750
127493	153551	AW537195	TC187815	null	Mm.35854
183021	309893	AW537247	TC199996	null	Mm.5290
25115	34812	AW537289	TC190825	null	Mm.39466
6737	4947	C76162	null	null	null
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43433	64915	C76175	TC189255	null	Mm.29383
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0	0	C77572	null	null	Mm.35516
150758	124103	C77627	TC159058	hepatocyte growth factor activ	Mm.104454
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37794	57175	C77524	TC173797	null	Mm.1963
11729	11694	C77581	null	null	null
47695	56161	C77656	TC173809	preprodiptidyl peptidase I	Mm.684
17676	19457	C77713	TC178323	null	Mm.44882
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348823	341743	AW537393	TC201054	dynactin subunit p25	Mm.27270
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19482	29577	AW537502	TC161264	phosphoprotein	Mm.489
30210	25659	AW537353	TC178521	null	Mm.31992
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29063	37282	C76745	null	null	null
70166	64800	C76814	TC200683	cyclin G1	Mm.2103
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2437286	2177635	C76752	TC165805	null	Mm.24921
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188713	232078	C77781	TC174070	null	Mm.22679
96794	115490	C77863	TC157349	null	Mm.27057

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27940	28770	C78028	null	null	Mm.27700
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11920	19420	C77892	null	null	Mm.16820
9544	8643	C77971	null	null	null
21613	25235	C78040	TC169200	null	Mm.36439
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3596	3643	C79875	TC163284	null	Mm.7060
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0	0	C81182	TC211355	null	null
10585	20927	C81268	null	null	Mm.25109
0	0	C81347	null	null	Mm.24134
0	0	C81435	null	null	null
27783	13375	C81194	TC187488	heat shock protein 105 kDa bet	Mm.34828
30857	25598	C81284	TC208948	null	Mm.25112
8977	9306	C81364	null	null	null
0	0	C81458	TC169581	null	null
0	0	C78948	null	null	Mm.52270
0	0	C79002	null	null	null
0	0	C79059	null	null	null
19271	27212	C79142	TC189109	elongin A	Mm.27663
12846	17818	C78959	TC189368	null	Mm.28624
0	0	C79017	null	null	null
0	0	C79089	TC202025	persyn	Mm.22231
14663	27017	C79157	TC187839	SRG3	Mm.1050
0	0	C80113	null	null	Mm.25088
11849	12011	C80168	null	null	null
0	0	C80237	null	null	null
0	0	C80310	null	null	null
47235	64897	C80126	TC202898	jerky	Mm.20971
15300	22587	C80184	TC157235	null	Mm.25319
0	0	C80258	TC166343	null	Mm.63507
0	0	C80347	TC166424	null	Mm.21147
3044	3855	C81536	TC168096	null	null
33875	37927	C85066	TC178836	null	Mm.25369
0	0	C85133	null	null	null
0	0	C85206	null	null	null
13522	12801	C81557	null	null	null
0	0	C85080	null	null	null

0	0	C85149	null	null	null
0	0	C85225	TC195817	null	Mm.36315
121705	247789	C78694	TC160372	null	Mm.28866
9395	16406	C78770	null	null	null
11101	21549	C78834	null	null	Mm.43984
0	0	C78889	null	null	Mm.5764
8918	10255	C78711	TC202525	null	Mm.27033
19734	30517	C78789	TC173913	null	Mm.29434
45959	83481	C78845	TC188887	casein kinase	Mm.30199
0	0	C78901	null	null	null
22612	25410	C79778	null	null	Mm.99776
19907	28254	C79862	TC172357	null	Mm.25054
12381	13343	C79952	TC163293	null	Mm.31129
66822	46373	C80039	TC200735	aspartate aminotransferase	Mm.19039
0	0	C79806	TC202514	null	Mm.24658
105281	708825	C79876	TC172357	null	Mm.25054
12430	20704	C79967	TC183908	null	Mm.25057
0	0	C80060	null	null	Mm.25090
0	0	C81184	null	null	null
0	0	C81269	null	null	null
6590	6739	C81353	TC190526	null	Mm.4512
0	0	C81436	null	null	null
70315	86684	C81197	TC159969	putative membrane-associated g	Mm.88645
9370	26930	C81285	null	null	null
0	0	C81369	null	null	null
0	0	C81461	null	null	null
0	0	C78950	null	null	null
0	0	C79004	TC174190	Bcl-2-binding protein BIS	Mm.28373
0	0	C79144	null	null	null
3343	7256	C78961	TC175069	Chk1; checkpoint kinase	Mm.16753
0	0	C79025	null	null	Mm.5781
0	0	C79102	null	null	Mm.5866
9870	13731	C79158	TC163622	null	Mm.5794
8070	6622	C80117	TC161901	calcium modulating cyclophilin	Mm.2313
0	0	C80171	null	null	Mm.25064
0	0	C80243	null	null	Mm.25066
0	0	C80315	null	null	null
11502	13628	C80129	TC176968	null	Mm.6863
91512	200035	C80185	TC159816	null	Mm.18700
15928	13701	C80260	TC163892	null	Mm.41145
0	0	C80359	TC185612	null	Mm.13325
0	0	C81537	null	null	null
0	0	C85067	null	null	null
34338	35505	C85134	TC186587	unnamed protein product	Mm.3765
78267	127972	C85208	TC187243	uvomorulin (711 AA)	Mm.35605
0	0	C81568	null	null	Mm.34949
18179	24671	C85082	TC176586	null	null
21212	21550	C85150	TC201027	lymphotoxin-beta receptor	Mm.3122
13299	16594	C85227	null	null	null
0	0	C78697	null	null	null
20237	41553	C78772	TC187091	myo-inositol 1-phosphate synth	Mm.29357

893092	1152752	C78835	TC159560	cytoskeletal beta-actin	Mm.297
0	0	C78891	null	null	Mm.100610
12953	28146	C78716	TC202459	null	Mm.21705
139186	113958	C78790	TC157730	null	Mm.1103
0	0	C78846	TC188278	glucose transporter	Mm.7241
0	0	C78902	null	null	null
46501	62307	C79779	TC162323	null	Mm.23710
23107	29261	C79866	TC177879	null	Mm.23606
11018	11766	C79955	null	null	null
37228	46881	C80043	TC158963	SLM-1	Mm.28999
113381	281705	C79809	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
104850	139929	C79882	TC174177	null	Mm.25331
9006	10957	C79973	null	null	null
0	0	C80064	null	null	null
57529	57324	C81187	null	null	null
35238	59732	C81271	TC158925	E46 protein	Mm.4098
0	0	C81354	null	null	null
17691	23393	C81437	TC160424	null	Mm.11311
11581	11514	C81203	null	null	null
38386	61160	C81295	TC159712	mouse RNA polymerase I 40kD su	Mm.104319
6938	9426	C81376	null	null	null
69154	106995	C81465	TC202408	null	Mm.25834
26916	27299	C78951	TC160916	alpha-D-mannosidase	Mm.4219
0	0	C79008	null	null	null
50164	67573	C79062	TC175668	null	Mm.1196
8118	7475	C79146	null	null	null
0	0	C78962	TC190464	null	Mm.31123
77454	95054	C79026	TC164222	null	Mm.6910
8715	13528	C79103	TC202749	null	Mm.35774
33944	41303	C79160	TC158481	null	Mm.28553
6594	8184	C80120	null	null	Mm.103692
0	0	C80172	TC161842	null	Mm.227
7292	11829	C80244	null	null	null
5840	9531	C80320	null	null	null
14577	22533	C80131	TC186433	null	Mm.41796
19752	24896	C80187	TC174815	ribosomal protein S6 kinase	Mm.29910
0	0	C80261	null	null	null
17100	15970	C80361	TC202003	null	Mm.20559
0	0	C81540	TC203970	null	Mm.35526
87358	105295	C85069	TC177446	null	Mm.25370
228310	318429	C85135	TC187090	nucleobindin	Mm.2283
0	0	C85211	TC160999	null	Mm.28771
13382	14791	C81574	null	null	Mm.12267
24977	42202	C85083	TC196393	null	Mm.42519
0	0	C85163	null	null	null
0	0	C85228	TC178992	null	Mm.36389
0	0	C78704	null	null	Mm.5740
0	0	C78782	TC169618	null	Mm.5749
0	0	C78836	TC193631	fibroblast growth factor 10/ke	Mm.25003
4068	6275	C78893	null	null	Mm.43904
0	0	C78717	null	null	null

27480	29533	C78791	null	null	null
5543	6303	C78849	null	null	null
0	0	C78903	null	null	null
0	0	C79793	TC191337	null	Mm.92812
0	0	C79867	null	null	Mm.88717
306421	418487	C79957	TC190680	null	Mm.30027
91850	148863	C80049	TC161352	null	Mm.5938
5687	5905	C79816	null	null	null
11038	8612	C79889	null	null	null
0	0	C79975	null	null	null
123744	156168	C80066	TC157688	HN1	Mm.1775
0	0	C81188	null	null	null
50861	41598	C81275	TC160039	nonclathrin coat protein zeta-	Mm.29473
0	0	C81358	TC209029	null	Mm.31140
98521	172971	C81438	null	null	Mm.2180
0	0	C81205	null	null	Mm.28176
0	0	C81296	null	null	null
19730	24836	C81377	TC160182	null	Mm.22467
40500	60453	C81474	TC161455	null	Mm.27341
0	0	C78953	null	null	null
12492	19073	C79009	TC174759	null	Mm.29070
23801	28842	C79078	TC200982	null	Mm.7261
118785	218903	C79150	TC159705	URF (homologous to yeast L29 r	Mm.7277
0	0	C78965	null	null	null
0	0	C79029	TC198983	null	null
46739	17141	C79107	TC188128	null	Mm.25013
0	0	C79164	null	null	null
0	0	C80121	TC160029	placental lactogen II	Mm.37203
0	0	C80173	null	null	null
4574	5573	C80249	null	null	Mm.25065
76308	98745	C80332	TC160157	Wdr1 protein	Mm.2654
13150	12493	C80133	null	null	null
81632	100052	C80189	TC180813	null	Mm.98122
23271	29629	C80262	TC159137	AIP37 protein	Mm.38831
9862	14992	C80366	TC163914	null	Mm.5935
66103	50700	C81543	null	null	null
19780	18328	C85070	TC189876	null	Mm.9876
0	0	C85143	null	null	null
138572	109473	C85216	null	null	null
14623	12146	C81585	TC201528	null	Mm.27768
45316	58964	C85084	TC190254	null	Mm.24083
0	0	C85171	null	null	null
4231	6165	C85231	null	null	Mm.25373
8642	4908	C78705	TC200760	null	Mm.30206
0	0	C78783	null	null	null
0	0	C78837	TC189486	null	Mm.27779
0	0	C78895	null	null	null
0	0	C78718	TC204141	null	Mm.28146
11528	16422	C78795	TC160096	cyclin 3	Mm.7417
0	0	C78853	null	null	null
50110	46176	C78908	TC189392	null	Mm.3584

0	0	C79798	null	null	null
0	0	C79870	null	null	null
0	0	C79959	null	null	null
0	0	C80053	TC162577	null	Mm.5904
0	0	C79818	null	null	null
19896	22399	C79892	TC165438	null	null
9558	11157	C79977	null	null	null
0	0	C80067	null	null	null
0	0	C81189	null	null	null
9138	6505	C81278	null	null	null
16781	27243	C81360	TC160464	null	Mm.4113
20016	20618	C81439	TC175535	null	Mm.27633
38646	46990	C81209	TC188018	null	Mm.28326
7696	13504	C81299	null	null	Mm.90060
39105	55244	C81381	TC189367	null	Mm.7109
64822	79851	C81478	TC160406	NF-IL6	Mm.4230
40573	47590	C78956	TC173676	null	Mm.24499
27225	56937	C79010	TC188677	RA70	Mm.10019
0	0	C79081	null	null	Mm.103689
42756	53725	C79154	TC186937	delta proteasome subunit	Mm.98
0	0	C78966	null	null	null
9174	12130	C79030	TC166229	null	Mm.25001
7075	7891	C79109	TC190093	null	Mm.34766
9817	6623	C79165	TC174040	TOLLIP protein	Mm.29519
0	0	C80123	null	null	null
5373	5726	C80179	TC177237	null	Mm.35750
9110	8310	C80251	TC188008	mORC2L	Mm.3411
0	0	C80339	null	null	null
94073	99661	C80134	TC173632	null	Mm.21146
32302	35991	C80193	TC200373	elav G homolog	Mm.21766
109539	192129	C80263	null	null	Mm.10706
25766	15544	C80370	null	null	Mm.5936
7314	8422	C81549	null	null	null
0	0	C85074	null	null	null
14144	10365	C85144	null	null	Mm.52287
22438	11430	C85220	TC203703	null	Mm.33583
19644	18713	C81595	TC161019	small zinc finger-like protein	Mm.22201
0	0	C85085	TC200461	null	Mm.28492
0	0	C85169	null	null	null
16476	9958	C85240	TC163790	null	Mm.25374
17265	20418	C78707	TC160153	null	Mm.29971
31232	27603	C78784	TC187952	null	Mm.5750
65678	90171	C78839	TC200746	dynamin	Mm.39292
32801	31211	C78897	null	null	null
7206	8353	C78799	TC188233	Rab24 protein	Mm.18800
0	0	C78856	null	null	null
0	0	C78910	TC210786	null	Mm.4964
0	0	C79801	null	null	null
31258	50171	C79872	TC188768	36 kD protein	Mm.18347
0	0	C79964	null	null	Mm.103693
0	0	C80055	null	null	null

0	0	C79819	null	null	null
14607	14672	C79898	null	null	Mm.382
0	0	C79986	TC201817	phospholipase C delta-1	Mm.23963
0	0	C80068	null	null	Mm.5905
0	0	C81191	TC198404	null	Mm.16910
0	0	C81282	null	null	null
0	0	C81361	null	null	Mm.42588
0	0	C81452	null	null	null
0	0	C81210	null	null	null
16377	21723	C81301	TC187978	J kappa RS-binding protein	Mm.22482
0	0	C81384	null	null	null
7889	6429	C81483	TC202670	null	Mm.28807
7909	7897	C78958	null	null	null
0	0	C79015	null	null	Mm.5780
19108	11361	C79086	null	null	Mm.25012
535562	655257	C79156	null	null	Mm.29991
0	0	C78971	TC175115	tau microtubule binding protei	Mm.1287
50172	67702	C79033	TC174370	null	Mm.3786
0	0	C79111	TC160994	protease-nexin 1	Mm.3093
0	0	C79168	TC202197	null	Mm.7265
0	0	C80125	null	null	null
0	0	C80182	TC180091	null	null
0	0	C80255	TC207270	null	Mm.31133
10964	5228	C80344	null	null	Mm.25069
0	0	C80138	null	null	Mm.25062
0	0	C80195	null	null	null
224215	161551	C80267	TC200063	null	Mm.25074
718757	705116	C80374	TC159425	cytochrome oxidase subunit 2	null
0	0	C81555	null	null	null
57021	77701	C85075	TC162705	sh3bgr protein	Mm.28638
29224	44213	C85146	TC160042	null	Mm.9307
74413	57633	C85224	TC189215	nterferon regulatory factor 1	Mm.1246
21903	15745	C81597	null	null	null
15849	14195	C85086	TC189034	histone acetyltransferase quer	Mm.100823
35475	28020	C85175	null	null	Mm.9569
0	0	C85248	TC192656	null	null
0	0	C86005	null	null	Mm.35092
0	0	C86086	null	null	null
6415	6752	C86170	null	null	Mm.42676
0	0	C85951	TC193180	tyrosine hydroxylase	Mm.31291
0	0	C86029	null	null	Mm.25402
0	0	C86098	null	null	null
0	0	C86191	TC189851	null	Mm.23726
98380	96155	C87132	null	null	null
0	0	C87216	null	null	null
0	0	C87299	TC188887	casein kinase	Mm.30199
0	0	C87395	TC202847	null	Mm.21917
0	0	C87164	TC161863	null	Mm.25613
4016	6826	C87243	null	null	null
0	0	C87314	null	null	Mm.25475
0	0	C87416	null	null	null

17806	20623	AU021769	null	null	null
32024	22905	AU021850	TC188423	semaF cytoplasmic domain assoc	Mm.97
0	0	AU021919	null	null	null
0	0	AU021996	null	null	null
0	0	AU021789	null	null	null
0	0	AU021863	null	null	null
0	0	AU021938	null	null	Mm.11779
0	0	AU022036	TC207668	null	Mm.26357
12298	11275	C86242	TC174019	null	Mm.28265
21108	29989	C86326	TC174159	null	Mm.34763
0	0	C86389	TC193514	null	null
0	0	C86460	null	null	null
90735	82079	C86260	TC173122	null	Mm.6696
0	0	C86341	null	null	Mm.25419
34744	29924	C86398	null	null	Mm.9661
39894	30577	C86470	TC177140	null	Mm.41031
0	0	C87461	TC164154	null	Mm.24081
18197	12435	C87548	TC201130	null	Mm.28758
0	0	C87621	TC161482	null	Mm.44068
0	0	C87683	TC205069	null	Mm.43231
0	0	C87490	null	null	Mm.25491
0	0	C87566	TC175819	CAMP metalloproteinase	Mm.29373
50870	69432	C87631	TC162779	KRAB-containing zinc-finger pr	Mm.27575
14237	10715	C87702	TC187354	null	Mm.27900
0	0	AU022077	null	null	null
15347	10546	AU022155	null	null	null
0	0	AU022226	TC163455	SNM1 protein	Mm.2805
0	0	AU022285	null	null	Mm.33783
14872	10626	AU022100	null	null	null
0	0	AU022182	null	null	null
9239	9846	AU022240	null	null	null
9991	10378	AU022296	null	null	Mm.2726
5686	8491	C85923	TC164986	null	Mm.9623
0	0	C86010	null	null	Mm.9626
160626	163872	C86087	null	null	null
0	0	C86171	null	null	null
0	0	C85955	TC188652	ADP-ribosylation-like factor h	Mm.7760
0	0	C86033	TC191760	macrophage C-type lectin Mincl	Mm.28263
0	0	C86103	null	null	Mm.25407
18779	29318	C86195	null	null	null
78847	161336	C87134	TC158296	null	Mm.16820
88571	92600	C87222	TC189375	null	Mm.939
20375	18634	C87304	TC188302	null	Mm.27708
0	0	C87397	TC176024	null	Mm.25481
0	0	C87169	null	null	null
24171	23476	C87245	TC174628	Shc binding protein	Mm.37801
32786	45389	C87323	null	null	Mm.25477
29533	38559	C87418	null	null	Mm.25484
108941	149744	AU021774	TC175304	null	Mm.21489
24162	15605	AU021856	null	null	null
11118	11385	AU021920	null	null	null

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0	0	AU021943	TC168182	null	null
58837	45349	AU022042	null	null	null
0	0	C86243	null	null	Mm.25413
143640	267990	C86331	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
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3922	8945	C86466	TC163500	null	Mm.25428
18397	35351	C86264	TC161171	null	Mm.28703
37229	40039	C86343	TC163314	null	Mm.32906
0	0	C86399	null	null	null
10928	12905	C86475	TC203335	null	Mm.21171
33252	43725	C87464	TC160396	D52	Mm.2777
0	0	C87551	TC173510	translation initiation factor	Mm.42293
0	0	C87623	TC204050	null	null
15773	29099	C87685	TC188367	null	Mm.33970
44621	72124	C87496	TC160700	null	Mm.27269
40820	78700	C87567	TC188194	null	Mm.29530
0	0	C87633	null	null	null
21244	22184	C87703	TC189185	protein S	Mm.24611
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0	0	AU022229	null	null	Mm.11820
13333	12989	AU022287	null	null	null
61229	82263	AU022101	TC159891	heterogenous nuclear ribonucle	Mm.2115
49994	53337	AU022184	TC162518	null	Mm.25664
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5161	5907	AU022298	TC202923	null	Mm.11827
15310	20571	C85936	TC200398	UBE-1c2	Mm.42795
7182	17577	C86013	TC174378	null	Mm.35618
26759	30860	C86089	TC161917	null	Mm.9859
0	0	C86178	null	null	Mm.25411
9369	10989	C85956	null	null	Mm.41105
0	0	C86034	TC188947	null	Mm.27785
0	0	C86104	null	null	null
11350	17529	C86196	null	null	Mm.34989
15586	29672	C87139	TC161962	null	Mm.28838
66632	71629	C87227	TC174898	null	Mm.43591
35775	32613	C87306	null	null	Mm.9741
0	0	C87398	TC167881	null	Mm.9753
72825	115622	C87172	TC200470	E2-20K	Mm.5203
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7899	15543	C87419	TC173497	null	null
20489	17841	AU021775	null	null	null
121515	108202	AU021857	null	null	Mm.3401
12362	13004	AU021923	TC162239	null	Mm.22398
0	0	AU022017	null	null	null
11367	15234	AU021796	null	null	Mm.44048
20078	18591	AU021867	TC182400	null	null

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15472	28958	AU022044	TC160196	REV1 protein	Mm.12730
17936	20581	C86246	null	null	Mm.25414
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0	0	C86391	null	null	null
8965	7361	C86467	TC177295	null	Mm.9908
48480	68701	C86267	TC200074	null	Mm.17362
0	0	C86345	null	null	null
22607	17220	C86400	null	null	Mm.9662
245216	316514	C86478	null	null	null
0	0	C87473	null	null	Mm.25487
21348	23574	C87560	TC203088	null	Mm.17258
7404	3033	C87624	null	null	Mm.25500
10444	9189	C87687	null	null	null
0	0	C87498	TC161028	null	Mm.25492
0	0	C87570	TC201982	G protein gamma 3 subunit	Mm.27307
0	0	C87638	null	null	Mm.9776
10769	14965	C87709	TC201556	null	Mm.9779
4495	3877	AU022089	null	null	null
0	0	AU022163	null	null	Mm.26297
31219	44297	AU022230	TC162723	null	Mm.28257
0	0	AU022288	null	null	null
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0	0	AU022245	null	null	null
0	0	AU022302	TC193094	null	Mm.101990
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8589	11477	C86090	null	null	null
0	0	C86179	null	null	Mm.25409
2487	8104	C85958	null	null	null
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0	0	C86198	TC204205	null	Mm.6149
31891	53489	C87146	TC164751	null	Mm.7817
37547	46213	C87230	TC160907	null	null
32247	47236	C87309	null	null	null
22254	20316	C87399	TC174346	null	Mm.46746
0	0	C87173	null	null	null
7562	11414	C87247	null	null	null
6378	7793	C87328	null	null	Mm.9747
0	0	C87420	null	null	null
0	0	AU021776	TC202264	null	Mm.87451
83807	93647	AU021858	TC158969	Nbr1	Mm.784
19965	21299	AU021925	TC204088	null	Mm.28747
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84490	82740	AU021800	TC187710	hypothetical protein	Mm.28474
17456	13176	AU021869	null	null	null
18250	23095	AU021952	null	null	Mm.11782
11122	11609	AU022045	null	null	null
0	0	C86251	null	null	null

31028	28917	C86334	TC165925	null	Mm.28266
44899	53801	C86392	TC193972	null	Mm.26901
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86423	106419	C86271	TC187850	null	Mm.22397
32547	31953	C86346	TC163860	null	Mm.33508
16832	15112	C86401	TC208795	null	Mm.25421
78655	150164	C86480	TC159953	null	Mm.1268
26068	33047	C87485	TC203617	null	Mm.25350
30053	32333	C87561	null	null	null
6713	5691	C87625	TC165384	null	Mm.852
46520	38711	C87694	TC175016	null	Mm.28890
4589	4641	C87504	TC178708	null	Mm.25493
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0	0	AU022310	TC162964	null	Mm.11829
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0	0	C86038	null	null	Mm.35835
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0	0	C86201	TC189202	19.5 protein	Mm.4992
12538	12333	C87152	TC162339	null	Mm.33761
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11159	23665	C87311	TC203362	null	Mm.24826
27010	36954	C87410	TC202551	null	Mm.25483
14196	22110	C87174	TC189526	tumor protein D53	Mm.7821
87853	82239	C87251	TC175314	null	Mm.28602
8942	19487	C87337	null	null	Mm.31310
14430	17858	C87428	TC161012	retinoid X receptor interactin	Mm.968
11080	13988	AU021778	TC210570	null	Mm.36586
11008	9212	AU021860	null	null	null
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28943	26089	AU022025	null	null	null
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212391	282060	AU021871	null	null	null
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0	0	C86255	TC205941	null	Mm.36867
27925	28367	C86337	null	null	null
0	0	C86395	TC173257	precursor protein (AA -18 to 1	Mm.654
12586	16641	C86469	TC174004	null	Mm.2895

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24743	18701	C86350	TC165432	null	Mm.27549
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31575	45028	C86487	TC175719	null	Mm.26282
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19646	21585	AU022290	null	null	Mm.21995
82411	106687	AU022118	TC161182	Pinin	Mm.22347
10670	13830	AU022190	null	null	null
19874	28245	AU022252	null	null	null
16203	14672	AU022313	TC188371	null	Mm.8681
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0	0	C87312	null	null	null
0	0	C87415	TC202317	X-linked PEST-containing trans	Mm.5045
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0	0	C87256	null	null	Mm.103732
0	0	C87341	null	null	null
0	0	C87430	null	null	null
180882	383252	AU021779	TC162350	UDP-GalNAc:polypeptide N-acety	Mm.38441
194825	228863	AU021862	TC161964	cadherin-related cell adhesion	Mm.27365
44076	46283	AU021933	TC180800	null	Mm.11776
74274	89229	AU022028	TC188794	DBF4-related protein	Mm.22430
100104	89951	AU021806	TC200912	null	Mm.18706
28162	24327	AU021877	null	null	null
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255458	189535	C86279	TC161056	p45 NF-E2 related factor 2	Mm.1025
77102	140366	C86354	TC160994	protease-nexin 1	Mm.3093
17595	25466	C86405	null	null	null

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0	0	C87698	null	null	null
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0	0	C87576	TC208208	null	Mm.31313
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31442	32542	AU022192	null	null	Mm.26301
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23849	23935	AU022314	null	null	Mm.25875
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667	12132	AU018338	TC176215	null	Mm.20703
0	0	AU024702	null	null	null
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67534	109565	AU018267	TC162994	null	Mm.42595
0	0	AU018365	null	null	null
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32356	36196	AU023169	TC160643	G protein signaling regulator	Mm.28262
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9507	10771	AU023041	TC201853	null	Mm.28764
25986	18198	AU023118	TC201344	null	Mm.34350
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31047	39443	AU023995	TC159675	chromosome segregation protein	Mm.26412
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16046	23939	AU024130	TC162672	null	Mm.39076
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0	0	AU018429	TC197586	null	Mm.26111
0	0	AU018518	TC205486	null	Mm.26121
14695	27158	AU018598	TC173227	PTB-associated splicing factor	Mm.43213
0	0	AU018681	TC163804	null	Mm.24692
0	0	AU018444	null	null	Mm.26114
50589	60116	AU018539	TC201989	contains transmembrane (TM) re	Mm.24571
21887	30643	AU018619	TC200932	null	Mm.24870
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20523	21646	AU022800	null	null	Mm.11891
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0	0	AU023825	TC203532	null	Mm.3848
77937	102225	AU023882	null	null	Mm.161
9200	18131	AU023939	null	null	Mm.12035
103715	108713	AU024696	null	null	null
0	0	AU024734	null	null	Mm.26451
5962	6169	AU024799	null	null	null
34363	46994	AU018344	TC166574	null	Mm.26107
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22633	18886	AU024754	null	null	null
7260	8090	AU018268	TC203782	null	Mm.26102
21545	20270	AU018371	TC176647	nuclear oxysterol receptor LXR	Mm.22690
0	0	AU023027	null	null	null
0	0	AU023096	null	null	null
0	0	AU023172	null	null	null
0	0	AU023233	TC174563	BAF53a	Mm.29546
0	0	AU023042	null	null	null
0	0	AU023121	TC200429	maternal transcript Maid	Mm.7838
7299	7822	AU023191	TC201825	null	Mm.25762
41545	37655	AU023245	TC173290	TSC-22	Mm.20927
42351	38859	AU023984	TC202456	transcytosis associated protei	Mm.15868
0	0	AU024038	null	null	Mm.26403
0	0	AU024115	TC201030	null	Mm.21503
30048	39460	AU024173	null	null	null
26515	45517	AU023998	null	null	null
0	0	AU024060	null	null	Mm.23000

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2101238	2041888	AU018430	TC163630	null	Mm.26923
29478	27690	AU018519	TC206348	null	Mm.26122
27518	27812	AU018606	TC176452	null	Mm.11428
25142	27598	AU018684	TC188411	null	Mm.39477
0	0	AU018455	TC162842	null	Mm.25546
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5218	9269	AU018709	null	null	Mm.11484
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13154	18983	AU022855	null	null	Mm.35835
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8794	11538	AU023924	null	null	null
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17467	17484	AU023946	TC195034	null	null
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6735	12851	AU024800	null	null	null
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0	0	AU022814	null	null	null
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0	0	AU022923	TC190169	hypothetical protein	Mm.32012
24291	24224	AU022992	TC205256	null	Mm.29616
12727	21573	AU023763	TC166405	null	Mm.11986
24421	20887	AU023819	null	null	null
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79168	157353	AU024801	null	null	null
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23314	26949	AU024758	null	null	Mm.86598
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10454	11581	AU024744	null	null	null
55211	109385	AU024802	null	null	null
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35563	50895	AU023035	TC195028	null	null
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15650	18216	AU023197	TC173874	null	Mm.24583
6968	10503	AU023252	null	null	Mm.11942
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0	0	AU024056	null	null	null
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158274	204170	AU018434	TC186946	Ste20-like kinase	Mm.28761
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16189	15933	AU018617	null	null	null
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0	0	AU015586	null	null	null
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68709	90024	AU020132	TC158920	ornithine decarboxylase, ODC {	Mm.15259
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0	0	AU015777	null	null	Mm.25936
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10863	15066	AU041228	TC189885	null	Mm.27686
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26822	27105	AU016578	TC186810	null	Mm.23884
45228	40851	AU016653	TC202387	null	Mm.28980
15331	14314	AU016728	TC202234	null	Mm.40623
15370	13708	AU016518	null	null	null
27208	23525	AU016593	null	null	null
0	0	AU016672	TC189182	null	Mm.26465
22723	41323	AU016751	TC160742	GDP-dissociation inhibitor	Mm.28187
18150	16212	AU017714	TC157827	null	Mm.35098
21712	18393	AU017789	TC175253	null	Mm.35678
38671	82323	AU017869	null	null	null
19224	26995	AU017934	TC162057	unnamed protein product	Mm.27700
0	0	AU017804	TC201284	isovaleryl dehydrogenase precu	Mm.6635
23278	31293	AU017894	TC175376	DEAD box protein (dp103)	Mm.26703
7163	12826	AU017959	TC201715	null	Mm.11333
0	0	null	null	null	null
0	0	AU040764	null	null	null
0	0	AU040820	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
3526	5123	AU040895	null	null	null
1380455	2497173	AU040705	TC173471	phospholipase C-alpha	Mm.709
100854	343391	AU040774	null	null	Mm.19121
31251	45506	AU040830	TC161846	null	Mm.12193
16010	26857	AU040918	TC173441	retinoblastoma-binding protein	Mm.12145
33475	40223	AU016810	TC188503	cell surface protein MCAR	Mm.11176
0	0	AU016873	null	null	Mm.11189
0	0	AU016965	TC200422	null	Mm.33356
29281	40733	AU017036	TC186440	null	Mm.19060

0	0	AU016821	TC179961	null	Mm.11178
0	0	AU016892	null	null	null
0	0	AU016979	null	null	null
0	0	AU017047	TC188675	null	Mm.21182
0	0	AU018002	null	null	null
61112	62246	AU018057	TC160236	G protein beta 36 subunit	Mm.30267
53796	38601	AU018136	null	null	Mm.88721
8854	6182	AU018190	TC211310	null	Mm.26094
0	0	AU018013	null	null	null
14694	15747	AU018079	null	null	Mm.11349
5798	5944	AU018149	TC186586	null	Mm.3765
14477	16716	AU018199	null	null	Mm.41670
8356	15563	AU040958	null	null	Mm.17581
30558	34607	AU041064	TC188748	coiled-coil like protein 1	Mm.2817
26147	32186	null	null	null	null
39838	49099	AU040991	null	null	Mm.38331
94369	107280	AU041094	null	null	null
0	0	AU041168	null	null	null
0	0	AU041235	null	null	Mm.17598
0	0	AU016503	TC200659	null	null
0	0	AU016579	null	null	null
16418	29345	AU016655	TC201476	null	Mm.28546
9476	8923	AU016731	null	null	null
9667	22956	AU016519	TC173644	null	Mm.44219
0	0	AU016597	null	null	null
7467	7232	AU016675	null	null	null
0	0	AU016754	null	null	Mm.11168
12796	21597	AU017716	null	null	Mm.26063
16670	17823	AU017791	null	null	Mm.36446
106164	127356	AU017875	TC188893	null	Mm.25230
0	0	AU017937	null	null	Mm.26075
21136	34256	AU017738	null	null	Mm.29418
94589	122594	AU017805	TC200609	null	Mm.9326
5938	6150	AU017896	null	null	Mm.11325
0	0	AU017961	TC165339	null	Mm.26078
102933	146637	AU040686	null	null	Mm.36460
20235	60142	AU040767	TC200254	null	Mm.2480
70645	131821	AU040821	TC202094	null	Mm.17569
10092	349831	AU040901	TC200787	WDNM1 protein	Mm.1650
96460	148356	AU040710	TC173144	CD97 antigen	Mm.28222
677712	562003	AU040780	TC200421	Sh3bgr1 protein	Mm.21446
7131	5928	AU040834	TC204665	null	null
0	0	AU040919	TC170283	null	null
6567	5719	AU016812	TC166296	null	Mm.9650
26087	32961	AU016875	TC197484	null	Mm.42298
141459	97887	AU016967	null	null	Mm.88182
11524	15535	AU017038	TC188208	null	Mm.29073
0	0	AU016824	null	null	null
11833	26555	AU016893	TC202994	null	Mm.26017
0	0	AU016986	null	null	Mm.44047
20741	21379	AU017050	TC202791	null	Mm.22433

12566	10618	AU018003	null	null	null
15225	23842	AU018058	TC201717	null	Mm.104238
21412	21744	AU018137	TC189556	polycomb-group proteins	null
0	0	AU018191	null	null	null
2838	6576	AU018015	TC202150	null	Mm.21130
4114	4835	AU018082	TC157937	null	null
21071	29573	AU018150	TC203577	LIM domain interacting RING fi	Mm.44069
0	0	AU018204	null	null	null
198842	106346	AU040965	TC188683	null	Mm.29098
0	0	AU041066	null	null	null
0	0	AU041219	null	null	Mm.33479
0	0	AU040995	TC207087	null	Mm.68990
0	0	AU041098	null	null	null
91491	100413	AU041171	TC201403	vesicle associated membrane pr	Mm.1838
89006	102130	AU041237	TC160201	null	Mm.21450
0	0	AU016506	null	null	Mm.35904
11788	6361	AU016581	TC189010	null	Mm.45506
0	0	AU016661	null	null	Mm.3880
0	0	AU016736	TC163095	null	Mm.29212
0	0	AU016521	TC183656	null	null
3461	5999	AU016599	null	null	Mm.11147
0	0	AU016680	null	null	null
0	0	AU016755	null	null	Mm.26001
14960	16225	AU017717	null	null	Mm.26064
23497	28238	AU017793	null	null	Mm.26067
7368	6304	AU017876	TC205515	null	Mm.36202
0	0	AU017939	TC206267	null	Mm.34195
38844	59445	AU017739	TC160375	null	Mm.34606
8023	10455	AU017809	null	null	Mm.104582
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44026	55247	AU017962	TC197184	null	Mm.26079
11372	18656	AU040688	null	null	null
12918	21231	AU040769	TC158630	null	Mm.103835
320366	184928	AU040822	TC158435	null	Mm.27227
0	0	AU040911	null	null	null
59346	70917	AU040711	TC187905	null	Mm.10878
278511	379829	AU040781	null	null	Mm.29405
862871	1236743	AU040840	TC160277	null	Mm.29812
4518	1001	AU040922	null	null	null
17854	19180	AU016813	TC200850	null	Mm.27496
0	0	AU016876	null	null	Mm.11191
0	0	AU016969	TC188584	null	Mm.28934
0	0	AU017042	null	null	Mm.11055
0	0	AU016825	TC177390	null	null
45173	38745	AU016903	null	null	Mm.36006
0	0	AU016987	null	null	Mm.13492
0	0	AU017062	TC174690	null	Mm.3088
125803	125552	AU018008	TC173097	null	Mm.3035
22702	36069	AU018060	TC187238	GLUT4 vesicle protein	Mm.29010
15461	17160	AU018138	null	null	null
0	0	AU018194	TC192250	null	Mm.28945

64105	82543	AU018018	TC173715	tetracycline transporter-like	Mm.3792
15125	14982	AU018083	null	null	null
73231	136036	AU018151	null	null	Mm.12190
6735	9088	AU018209	TC166149	null	Mm.26097
0	0	AU040979	null	null	Mm.4111
10133	11547	AU041069	TC186985	null	Mm.11879
24812	23531	AU041160	TC197125	null	Mm.17594
6230	9574	AU041220	TC209012	null	null
21117	28698	AU040997	null	null	null
38425	37515	AU041102	null	null	null
28540	38690	AU041172	TC173883	ataxin-2	Mm.1989
0	0	AU041239	TC174747	calbindin	Mm.354
0	0	AU016509	null	null	null
0	0	AU016583	TC190640	null	Mm.45751
26671	22430	AU016662	null	null	Mm.25999
0	0	AU016738	TC168083	null	Mm.26004
0	0	AU016523	TC161690	null	Mm.22271
0	0	AU016600	null	null	null
0	0	AU016686	null	null	null
7101	23870	AU016757	TC187770	c-myc protein	Mm.2444
17843	24211	AU017719	null	null	Mm.26065
86466	141340	AU017796	null	null	Mm.26069
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0	0	AU017944	null	null	null
19249	25555	AU017743	TC175765	null	Mm.12756
16798	12192	AU017819	TC201057	null	Mm.27862
24709	25637	AU017900	TC177421	null	Mm.87364
37959	41265	AU017965	TC161699	null	Mm.3702
37377	63218	AU040689	TC162114	null	Mm.21313
11052	19076	AU040770	null	null	Mm.17565
113950	113225	AU040825	null	null	Mm.29505
66895	83534	AU040912	null	null	Mm.26810
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28602	25711	AU040924	null	null	Mm.26811
0	0	AU016814	null	null	Mm.104382
14056	11097	AU016882	null	null	Mm.26016
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0	0	AU017043	null	null	null
0	0	AU016827	null	null	Mm.26009
20234	13173	AU016906	null	null	Mm.26018
0	0	AU016992	null	null	Mm.27537
0	0	AU017065	null	null	null
0	0	AU018010	null	null	null
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0	0	AU018139	null	null	null
12657	18865	AU018195	null	null	Mm.26095
28134	26817	AU018019	TC173732	null	Mm.12390
11908	18236	AU018089	TC203734	null	Mm.34976
44025	47892	AU018154	TC189361	null	Mm.11360

0	0	AU018210	TC179445	null	Mm.26098
0	0	AU040981	null	null	Mm.35072
72318	81693	AU041072	TC202221	null	Mm.24302
38957	58361	AU041161	TC188095	null	Mm.28430
57441	56792	null	null	null	null
51857	55483	AU041001	TC187399	null	Mm.29866
24982	26445	AU041175	null	null	null
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23649	23455	AU016511	TC174395	CD1.1	Mm.88779
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0	0	AU016663	null	null	null
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0	0	AU016524	null	null	Mm.11134
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0	0	AU016691	TC157664	null	Mm.28676
0	0	AU016763	TC160934	myelin gene expression factor	Mm.18535
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0	0	AU017799	null	null	Mm.28728
18861	22982	AU017885	TC174554	cAMP-dependent protein kinase	Mm.25594
9546	14369	AU017946	null	null	Mm.26076
12101	11631	AU017744	TC200116	null	Mm.4533
8630	14507	AU017820	TC162626	null	Mm.29837
13148	19509	AU017901	TC163573	null	Mm.10814
264624	564897	AU017967	TC187035	matrilysin	Mm.4825
32073	38477	AU040695	null	null	Mm.74735
59420	44548	AU040772	TC165171	null	Mm.17566
2150690	1193773	AU040826	TC200731	null	Mm.30263
9141	8729	AU040914	null	null	Mm.22702
207922	173638	AU040725	null	null	Mm.29601
76155	72279	AU040783	TC176339	null	Mm.23838
30508	28281	AU040845	null	null	null
39190	48426	AU040925	TC160276	very low density lipoprotein r	Mm.4141
0	0	AU016815	null	null	null
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14429	23586	AU016828	TC202309	null	Mm.14155
28405	22113	AU016907	TC173385	Supl15h	Mm.89579
0	0	AU016995	null	null	null
33132	31439	AU017069	TC187710	hypothetical protein	Mm.28474
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184911	34457	AU018074	null	null	null
36197	29609	AU018147	TC204206	null	Mm.45293
0	0	AU018197	TC204671	Bik-like killer protein	Mm.17912
13611	15143	AU018026	TC208506	null	null
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0	0	AU018218	TC183666	null	Mm.11371
50985	53166	AU040983	TC174429	null	Mm.21070
49075	40074	AU041078	null	null	Mm.26813
358996	222484	AU041162	TC173669	null	Mm.18134

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8666	13338	AU041003	TC162012	null	Mm.35691
109678	113606	AU041108	null	null	Mm.1059
26785	33766	AU041178	TC203061	null	Mm.27034
114877	96371	AU041243	TC163993	epimorphin	Mm.3003
7939	7919	AU043841	TC203657	null	Mm.16139
0	0	AU043942	TC176689	unknown	Mm.18879
50391	87460	AU044171	TC204128	null	Mm.19184
0	0	AU043877	TC202397	neurofilament polypeptide	Mm.1956
0	0	AU043974	TC161980	null	Mm.28151
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12049	22086	AU044211	null	null	null
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4699	14470	AU045866	TC173948	prenylated RAB acceptor 1	Mm.22473
0	0	AU045970	null	null	null
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0	0	AU045757	TC202210	null	Mm.7786
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13794	16214	null	null	null	null
0	0	AU042284	null	null	null
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20015	19044	AU042301	null	null	null
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142660	158415	AU044286	TC187093	E6-AP ubiquitin protein ligase	Mm.17787
40140	48416	AU044384	TC200011	null	Mm.30133
83940	81995	AU044501	TC173945	null	Mm.27272
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13749	17112	AU044310	TC177938	null	Mm.17773
34746	34206	AU044407	null	null	null
37548	40245	AU044554	TC192132	null	Mm.17830
33702	43205	AU044635	TC186926	2,3-bisphosphoglycerate mutase	Mm.22706
29967	27946	AU046110	null	null	null
32279	53569	AU046267	TC159882	null	Mm.28357
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0	0	AU041509	TC184261	null	Mm.17612
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77368	122558	AU041439	TC186847	null	Mm.4284
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31681	34027	AU042637	null	null	null
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17557	21494	AU044042	null	null	null
8502	8302	AU044173	TC205771	null	Mm.38330
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9647	13269	AU043978	null	null	null
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11329	10420	AU045602	null	null	null
12002	18651	AU045737	null	null	Mm.17788
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7751	11543	AU045971	TC200838	null	Mm.45356
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35970	19833	AU046003	TC157899	6-pyruvoyl-tetrahydropterin sy	Mm.35856
46882	54796	AU042207	TC202158	null	Mm.29528
21440	20331	AU042288	TC186730	null	Mm.28114
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54496	77237	AU044396	TC160321	acinusS'	Mm.30236
90276	139326	AU044505	TC202161	null	Mm.34238
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57043	113558	AU044555	TC200739	null	Mm.22547
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45360	54645	AU041419	TC208466	null	Mm.17661
0	0	AU041519	TC179612	null	null
6149	9786	AU046164	TC169904	null	Mm.17890
40645	57570	AU046294	TC160736	similar to mago nashi	Mm.808
0	0	AU041443	null	null	null
0	0	AU041530	null	null	null
0	0	AU042532	TC157363	null	Mm.67861
7669	10029	AU042622	null	null	null
10704	20897	null	null	null	null
29774	40954	AU042813	TC187347	Rac GTPase-activating protein	Mm.27141
28939	45812	AU042546	TC158244	14-3-3 theta protein	Mm.14722
0	0	AU042645	TC208696	null	Mm.17681
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0	0	AU043846	null	null	Mm.17761
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65459	90591	AU044176	TC174238	null	Mm.18941
104436	99818	AU043891	TC210434	null	Mm.17767
30059	32406	AU043983	TC161128	null	Mm.29131
25309	44880	AU044073	TC157729	unnamed protein product	Mm.23841
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62345	78051	AU045972	TC200948	null	Mm.29769
53422	69204	AU045635	null	null	null
576880	634011	AU045766	TC201884	null	Mm.24163
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23727	26263	AU046005	null	null	Mm.39739
54258	60979	AU042208	null	null	null
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77123	93896	AU042381	TC173983	Crk-associated substrate	Mm.3758
187325	170700	AU042469	TC157871	null	Mm.21288
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84870	92601	AU042321	TC161245	null	Mm.28829
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51376	56193	null	null	null	null
16615	17993	AU044294	TC205620	null	Mm.11934
21810	35273	AU044400	null	null	null
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205406	317106	AU044614	TC159054	null	Mm.21118
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61972	119167	AU044419	TC159925	null	Mm.1603
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13559	21209	AU046271	TC163200	null	Mm.86599
19381	29784	AU041421	TC161193	null	Mm.27558
19770	28224	AU041522	TC187450	p8 protein	Mm.18742
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0	0	AU041448	null	null	null
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0	0	AU042533	null	null	Mm.17671
0	0	AU042624	null	null	Mm.17678
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0	0	AU042815	TC189888	putative transcription factor	Mm.3594
0	0	AU042547	TC204625	null	Mm.27281
8898	11154	AU042646	TC189346	null	Mm.19091
0	0	AU042737	TC175641	null	Mm.29224
0	0	AU042825	null	null	Mm.17693
0	0	AU043860	TC210774	null	Mm.17762
0	0	AU043959	TC187720	RAB/Rip protein	Mm.18713
5475	11542	AU044053	TC201822	g1-related zinc finger protein	Mm.27693
29834	26471	AU044189	TC162393	null	Mm.26888
48005	34555	AU043893	TC183211	null	Mm.38482
78203	81763	AU043985	TC173621	null	Mm.21356

0	0	AU044076	null	null	null
84642	78856	AU045612	TC189603	null	Mm.21272
56611	76751	AU045741	TC161581	fizzy-related protein	Mm.24202
112805	115054	AU045885	null	null	Mm.17877
0	0	AU045977	null	null	null
192298	246768	AU045643	TC200584	cyclin B1	Mm.22569
9960	10893	AU045768	TC179466	null	Mm.17871
10213	19675	AU045902	null	null	null
56038	49600	AU046009	TC175937	null	Mm.17880
16135	15159	null	null	null	null
42272	56181	AU042295	null	null	null
16656	14426	AU042382	TC201125	fumarylacetoacetase	Mm.3798
197379	172539	AU042470	TC175487	high affinity immunoglobulin g	Mm.150
120754	111069	AU042234	TC178905	null	Mm.21322
10804	7810	AU042325	TC208356	null	Mm.41610
105419	103416	AU042394	null	null	Mm.17660
0	0	AU042490	TC164114	null	Mm.17668
13271	21921	AU044298	TC196772	null	null
32678	31721	AU044401	null	null	Mm.22180
42649	42445	AU044521	TC201727	null	Mm.18635
43769	48528	AU044619	null	null	Mm.26874
16894	24817	AU044325	TC189804	null	Mm.24425
99324	126194	AU044421	TC166505	null	Mm.17793
28350	31887	AU044563	TC176328	null	Mm.29291
33117	33343	AU044648	null	null	Mm.17808
28504	38900	AU046146	TC202034	null	Mm.27490
12572	11729	AU046274	TC202325	ras-GTPase-activating protein	Mm.2038
4670	5476	AU041422	TC183597	null	Mm.17656
9702	14741	AU041526	TC175824	null	Mm.29126
30981	39220	AU046168	TC173572	centromere protein A	Mm.6579
11715	14937	AU041361	null	null	null
13759	15801	AU041451	TC179464	null	Mm.17609
8623	14463	AU041541	TC158414	null	Mm.22484
31104	47016	AU042535	TC177510	null	Mm.26837
59091	70713	AU042625	null	null	null
13480	15912	AU042700	TC210777	null	Mm.17687
9936	12490	null	null	null	null
25450	26081	AU042549	TC189042	null	Mm.27153
11705	21500	AU042652	TC191223	null	Mm.22218
85879	73246	AU042738	TC200612	microsomal epoxide hydrolase	Mm.9075
0	0	AU042830	null	null	Mm.17694
21151	26224	AU043866	TC189367	null	Mm.28035
5380	4177	AU043961	TC162216	phosphatidylethanolamine-N-met	Mm.2731
3463	5175	AU044056	null	null	null
0	0	AU044191	null	null	null
17503	18803	AU043903	TC202513	mdm1a	Mm.2003
13763	17510	AU044000	TC174618	null	Mm.28193
26639	24764	AU044078	TC189480	tuftelin	Mm.10214
0	0	AU044224	TC188497	unnamed protein product	Mm.29668
831349	108776	AU045621	TC202010	null	Mm.7816
0	0	AU045744	TC163251	Zfp-57	Mm.21362

0	0	AU045888	null	null	null
6448	7430	AU045979	TC174201	null	Mm.23686
0	0	AU045663	null	null	Mm.17863
7174	15108	AU045773	TC157920	null	Mm.18775
194991	182198	AU045906	TC203314	null	Mm.27239
5976	7419	AU046011	TC189464	null	Mm.17881
73066	100253	null	null	null	null
32785	56409	AU042297	TC187638	null	Mm.28558
29542	36285	AU042383	TC210766	null	Mm.17667
84288	58926	null	null	null	null
370959	223925	null	null	null	null
24309	23699	AU042330	TC162936	No definition line found	Mm.21325
35718	38745	AU042398	TC189289	null	Mm.89148
20645	32393	AU042491	null	null	Mm.90324
50419	55326	AU044302	null	null	null
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0	0	AU044538	null	null	Mm.103856
24660	27789	AU044624	TC183209	null	null
18470	21987	AU044335	null	null	null
88112	113603	AU044427	TC200809	cofactor A	Mm.1863
169398	177356	AU044565	TC187199	null	Mm.28327
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29274	17516	AU046150	TC174032	null	Mm.26391
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34121	26449	AU041432	null	null	Mm.4503
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27858	36018	AU041363	TC174566	null	Mm.9638
25878	33880	AU041542	TC187059	null	Mm.30003
27036	36351	AU042538	null	null	null
12143	19004	AU042629	null	null	Mm.26841
10193	18005	AU042713	TC181464	null	Mm.45647
37208	34783	AU042817	TC187859	null	Mm.22284
14013	15805	AU042561	TC203512	null	Mm.28902
12844	13389	AU042654	null	null	null
8825	23922	AU042740	TC176009	sex comb on midleg homolog pro	Mm.18718
15854	22541	AU042831	TC187078	calcineurin	Mm.293
21986	28105	AU043876	TC191063	null	Mm.41417
13744	9002	AU043964	TC191999	null	Mm.17771
42287	43389	AU044062	TC160171	null	Mm.100344
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15927	14127	AU043904	TC166111	null	Mm.29136
0	0	AU044005	null	null	null
15800	13674	AU044081	TC174971	null	Mm.29087
405628	338798	AU045623	null	null	Mm.42605
221604	297770	AU045747	TC174353	null	Mm.29259
20832	27255	AU045894	TC188802	null	Mm.24177
26246	31248	AU045984	TC176745	null	Mm.18821
105621	163201	AU045665	TC158995	EMeg32 protein	Mm.37637
18170	21272	AU045780	null	null	Mm.103861
142233	126140	AU045922	TC190841	XAP-5 protein	Mm.4370

38351	44463	AU046015	TC157926	null	Mm.35353
0	0	AU042224	TC160585	HCG-1 protein	Mm.21846
18681	25118	AU042298	TC162627	factor VIII-associated protein	Mm.5154
38655	40024	AU042385	TC175774	null	Mm.17658
26046	27201	AU042474	TC162614	null	Mm.17665
128972	89336	AU042239	TC157811	null	Mm.14368
0	0	null	null	null	null
19305	28111	AU042400	null	null	Mm.103467
59091	96161	AU042493	TC174231	Clast1	Mm.28385
42907	40867	AU044307	null	null	null
251623	232723	AU044405	TC174374	NG26	Mm.43745
147683	138801	AU044546	TC174075	null	Mm.23889
40049	46691	AU044629	TC187755	small GTP binding protein	Mm.25306
76555	99407	AU044336	TC202246	F-box protein FBL10	Mm.86406
418925	336790	AU044428	TC203052	null	Mm.21516
260045	280080	AU044566	TC200760	null	Mm.30206
0	0	AU044657	TC177602	microrchidia	Mm.26875
160566	163247	AU046152	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
42355	46673	AU046282	null	null	Mm.17792
33840	43000	AU041434	TC201987	UNC-51-like kinase ULK1	Mm.10750
16935	14921	AU041528	null	null	null
18505	14083	AU046177	null	null	Mm.37130
35485	36459	AU041369	null	null	null
63658	64470	AU041458	TC188717	null	Mm.41936
64480	57151	AU041543	TC200402	null	Mm.22354
194922	136186	AU042543	TC201600	null	Mm.28589
35202	34492	AU042630	null	null	Mm.17686
27010	16544	AU042718	null	null	Mm.17682
31317	31126	AU042819	TC190806	null	Mm.29940
167754	228480	AU042564	null	null	Mm.43737
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287596	290654	AW546286	null	null	null
17723	31900	AW546373	TC186433	null	Mm.27074
5074	19547	AW546453	TC187467	null	Mm.28064
157422	248647	AW546519	TC159555	21 kd polypeptide	Mm.254
20417	21747	AW546307	TC160099	null	Mm.27886
67024	105460	AW546384	null	null	Mm.1007
36968	36418	AW546469	TC188450	p18 protein	Mm.1912
28096	32311	AW546539	TC161161	NEDD8-conjugating enzyme	Mm.12892
90698	88485	AW547625	TC186746	D-type cyclin	Mm.3141
59814	81482	AW547811	null	null	null
25907	30193	AW547899	TC200863	null	Mm.28028
38188	67691	AW548011	null	null	null
7577	22315	AW547664	TC190141	null	Mm.45976
129885	136502	AW547832	TC159670	17beta-hydroxysteroid dehydrog	Mm.3195
0	0	AW547927	TC184165	null	null
23468	33105	AW548025	TC161814	null	Mm.34758
53844	367397	AW549180	null	null	Mm.102885
0	0	AW549289	TC160625	null	Mm.29390

0	0	AW549398	TC162804	Wnt-4	Mm.20355
0	0	AW549492	TC157441	null	Mm.45996
31090	33871	AW549204	null	null	Mm.102887
0	0	AW549309	null	null	null
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88741	120075	AW549521	TC201592	null	Mm.73777
300280	278460	AW546625	null	null	null
43677	65986	AW546705	null	null	null
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14855	16002	AW546850	TC189037	null	Mm.1915
14969	16664	AW546649	TC202675	erythroid K:Cl cotransporter	Mm.4190
31667	41284	AW546730	TC189750	SOX11	Mm.80595
145765	203811	AW546819	null	null	null
0	0	AW546860	TC176755	null	Mm.30800
160227	296526	AW548086	null	null	Mm.19187
14620	12415	AW548199	TC173607	Bop1	Mm.4283
33317	35759	AW548297	TC202371	B99 protein	Mm.20858
16857	43567	AW548385	null	null	null
19504	25161	AW548120	TC186617	vitamin D-binding protein	Mm.4205
60541	83096	AW548213	TC188965	null	Mm.28073
9519	17263	AW548326	TC200583	pancortin-3	Mm.43278
17975	24562	AW548404	TC187935	Paneth cell enhanced expressio	Mm.13725
70342	143638	AW549619	TC160315	gamma-1 adducin	Mm.44106
183224	387203	AW549706	TC158175	possible ubiquitin protein lig	Mm.16553
519127	504942	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
0	0	AW549882	TC175732	Hic-5	Mm.3248
31513	37118	AW549646	TC200879	heat-responsive protein	Mm.2607
212412	311531	AW549721	TC159860	p66 mot1	Mm.2849
31215	57111	AW549817	TC204329	muBLR1	Mm.37433
222003	169998	AW549901	TC163501	null	Mm.80559
43427	94829	AW546291	TC162826	null	Mm.101023
48354	49503	AW546374	TC163883	null	Mm.36745
342756	303344	AW546455	TC190325	null	Mm.24672
413059	664092	AW546519	TC159555	21 kd polypeptide	Mm.254
34003	27612	AW546316	TC159694	F1F0 ATP synthase E subunit	Mm.19370
0	0	null	null	null	null
86988	122403	AW546472	TC201809	null	Mm.1585
129456	189904	AW546541	TC200600	cullin 3	Mm.12665
102550	137425	AW547635	null	null	Mm.102837
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12674	18001	AW548012	null	null	Mm.102852
56623	305881	null	null	null	null
127249	219790	AW547834	TC159835	null	Mm.39130
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56177	64464	AW548040	TC187351	null	Mm.17162
102360	190054	AW549182	TC201208	null	Mm.24495
23055	28575	AW549300	null	null	Mm.41491
129926	43620	AW549399	TC191273	null	Mm.103486
1541299	1802027	AW549495	null	null	null
65921	88809	AW549206	TC161081	null	Mm.24228

26166	40628	AW549332	TC162225	null	Mm.28930
24256	27216	null	null	null	null
558117	642678	AW549525	null	null	null
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11351	11991	AW546713	TC209361	null	null
0	0	AW546801	null	null	null
19732	20423	AW546851	TC200825	null	Mm.29798
45652	50030	AW546650	TC174652	null	Mm.24601
54477	78533	AW546733	TC173683	Arp2/3 complex subunit p21-Arc	Mm.24498
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253193	482331	AW548086	null	null	Mm.19187
95784	260219	AW548203	TC175863	null	Mm.41764
45045	68138	AW548299	TC174069	receptor tyrosine kinase-relat	Mm.3860
30947	40302	AW548389	TC202071	null	Mm.49609
43025	56501	AW548121	null	null	null
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402498	372358	AW548328	TC161056	p45 NF-E2 related factor 2	Mm.1025
0	0	AW548408	TC164532	null	Mm.38561
39741	45108	AW549620	null	null	Mm.66
34672	35631	AW549709	TC188277	null	Mm.33870
10449	12176	AW549793	TC158899	ribosomal protein L38	Mm.43330
54456	76978	AW549883	TC205160	null	Mm.23038
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18676	32349	AW549722	TC201262	null	Mm.33394
54454	42473	AW549820	TC160552	null	Mm.25200
87811	103446	AW549902	TC163098	null	Mm.30702
24984	28112	AW546292	TC192081	null	Mm.83701
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40144	40373	AW546457	TC161813	null	Mm.22359
15807	26189	AW546520	TC189049	null	Mm.30600
29888	29629	AW546317	TC159780	surfeit 1 protein	Mm.6874
70307	91368	AW546394	TC200038	myristoylated alanine-rich C-k	Mm.30059
12219	25311	AW546473	TC161301	3-ketosteroid reductase	Mm.14309
28977	189859	AW546550	null	null	null
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0	0	AW547817	null	null	Mm.102846
121342	136604	AW547907	null	null	null
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94291	89046	AW547665	null	null	null
216287	393800	AW547834	TC159835	null	Mm.39130
66381	121254	AW547930	null	null	null
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97051	131397	AW549183	TC176904	null	Mm.28
13736	20427	AW549302	null	null	null
31635	36777	AW549401	TC157304	null	Mm.37681
46290	84113	AW549501	null	null	null
1104452	1165438	AW549208	null	null	null
148652	167573	AW549333	TC186711	coat protein gamma-cop	Mm.26422
126185	220670	AW549431	TC157867	telomeric protein mTRF1	Mm.4306
65461	168220	AW549531	TC186472	t-complex protein; (Tcp-1x)	Mm.6797

0	0	AW546635	null	null	null
44542	51167	AW546715	TC188180	mannosyl-oligosaccharide 1,3-1	Mm.2433
21644	26105	AW546813	TC167206	null	Mm.102818
126417	188049	AW546855	null	null	Mm.42960
0	0	AW546651	null	null	null
148737	282010	AW546734	null	null	null
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12851	41442	AW546876	TC174782	Nucleosome assembly protein 1-	Mm.2831
146372	201045	AW548091	TC200784	protein-tyrosine-phosphatase	Mm.29855
220655	496087	AW548205	TC194378	null	null
60373	96292	AW548304	TC160763	beta-D-galactosidase fusion pr	Mm.21772
12379	11143	AW548397	TC173594	null	Mm.38524
4242	5729	AW548124	TC201682	null	Mm.21597
28829	36533	AW548221	TC176151	null	Mm.21860
93530	93050	null	null	null	null
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45824	50702	AW549628	TC200941	lipotransin	Mm.28127
11918	21550	AW549711	TC174897	fallotein	Mm.40268
24415	23695	AW549803	TC189757	null	Mm.23950
0	0	AW549891	TC161473	augmenter of liver regeneratio	Mm.28124
14064	18141	AW549656	TC157234	null	Mm.35653
23064	33677	AW549725	TC160807	MNUDC protein	Mm.69
53446	150150	AW549829	TC158661	null	Mm.102901
34110	207552	AW549905	TC159636	alpha-globin	Mm.16820
16114	24272	AW546296	TC176664	null	Mm.30612
79686	175599	AW546379	TC200016	ribosomal protein L12	Mm.70127
16194	16201	AW546458	TC175868	null	Mm.25648
88726	85180	AW546522	TC200596	SDP3	Mm.7356
34238	40068	AW546319	TC176445	null	Mm.87628
164784	182045	AW546397	TC187168	null	Mm.28765
28910	29448	AW546478	null	null	null
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48507	47140	AW547642	TC204259	null	Mm.32822
370299	633111	AW547818	TC188237	fragile X mental retardation s	Mm.3451
648438	677467	AW547913	null	null	null
105815	163337	AW548016	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
439686	662166	AW547668	null	null	null
13127	16592	AW547839	TC161340	null	Mm.35108
53019	78485	AW547935	TC174186	cyclin-dependent kinase-2 alph	Mm.118
177681	184115	AW548043	null	null	null
139201	189184	AW549189	TC174023	LAP2 binding protein 1	Mm.7508
11083	13196	AW549303	TC189793	null	Mm.23258
20322	17493	AW549415	TC173754	Dazh	Mm.15050
28068	29378	null	null	null	null
570296	759513	AW549217	TC187187	null	Mm.30099
48980	220464	AW549342	TC170848	null	Mm.102889
13538	19751	AW549434	TC189000	null	Mm.100879
28538	53189	AW549534	TC159348	null	Mm.102892
0	0	AW546637	TC160327	radixin	Mm.7051
27712	33629	AW546718	TC176177	null	Mm.30898
80970	175796	AW546816	null	null	null

173760	262534	AW546855	null	null	Mm.42960
7114	8619	AW546660	null	null	null
334685	615824	AW546735	TC157595	ribosomal protein S3a	Mm.6957
11197	15320	AW546831	TC157292	null	Mm.21646
56586	62856	AW546880	TC204480	meiotic cohesin REC8	Mm.23149
82626	88866	AW548092	TC173241	14-3-3 protein beta	Mm.34319
98189	113244	AW548208	null	null	null
92528	97196	AW548311	TC202284	null	Mm.86523
9973	14734	null	null	null	null
70319	78714	AW548125	TC200914	null	Mm.22710
11866	16294	null	null	null	null
1334276	897240	AW548330	null	null	Mm.95068
3790	6673	AW548422	TC164367	adrenocorticotropin receptor	Mm.41498
139683	234616	AW549630	null	null	Mm.102897
16155	24139	null	null	null	null
87813	165196	AW549809	null	null	Mm.87806
10376	9256	null	null	null	null
67873	77918	AW549663	TC187690	beta-prime-adaptin protein	Mm.29699
40697	56650	AW549726	TC188153	null	Mm.27557
73175	208825	AW549841	TC200351	putative TH1 protein	Mm.2184
24104	153293	AW549905	TC159636	alpha-globin	Mm.16820
27779	41647	AW546304	TC158956	myeloid associated differentia	Mm.29874
86676	185879	AW546379	TC200016	ribosomal protein L12	Mm.70127
35891	103996	AW546463	TC186684	null	Mm.24808
76093	98064	AW546524	null	null	null
49705	84467	AW546323	TC160088	SMCD	Mm.14910
75891	76769	AW546402	null	null	null
21402	31374	AW546482	null	null	null
264946	491680	AW546560	null	null	null
4365	9868	AW547654	null	null	null
116237	166232	AW547821	TC165111	myeloid ecotropic viral integr	Mm.4734
55677	91962	AW547917	TC175694	null	Mm.6509
35563	55106	AW548018	TC164997	null	Mm.21223
6887	9575	AW547673	TC197703	null	Mm.102838
100641	110042	AW547840	TC186920	lumican	Mm.18888
88804	66765	AW547940	TC201221	null	Mm.26480
58662	64673	AW548045	TC175568	retinoid X receptor-beta	Mm.1243
13975	12622	AW549196	null	null	Mm.102886
113013	164497	AW549304	TC173489	ORF	Mm.25044
13959	17148	AW549418	TC204087	null	Mm.41646
0	0	AW549514	null	null	null
48797	71019	AW549221	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934
31569	32488	null	null	null	null
0	0	AW549441	null	null	null
28772	62431	AW549542	TC205580	null	Mm.22790
43728	55040	AW546642	TC161047	null	Mm.30160
63587	113759	AW546720	null	null	Mm.102817
102252	565544	AW546817	null	null	null
221843	321357	AW546855	null	null	Mm.42960
0	0	AW546661	null	null	Mm.102815
156514	199354	AW546738	TC186959	B-cell translocation gene-1 pr	Mm.16596

159670	162755	AW546835	TC158499	ifngr2	Mm.22698
144703	174004	AW546881	null	null	null
11326	12792	AW548105	TC162140	null	Mm.102854
260306	442741	AW548210	null	null	Mm.265
67234	80043	AW548319	null	null	Mm.3953
0	0	AW548399	TC158119	null	null
24653	26364	AW548127	TC157475	null	Mm.45592
48616	192554	AW548231	null	null	null
52260	58186	AW548332	null	null	Mm.17362
0	0	AW548425	TC158913	null	Mm.21764
77013	76877	AW549640	TC161154	null	Mm.28760
53581	97816	AW549716	TC199911	oral tumor suppressor homolog	Mm.35847
20278	42703	AW549810	TC158489	synectin	Mm.20945
1849963	1561885	AW549897	TC194134	null	null
12765	14776	AW549666	TC158340	null	Mm.29780
5561	6568	AW549728	null	null	null
25702	29135	AW549851	TC189697	null	Mm.22786
20549	115931	AW549905	TC159636	alpha-globin	Mm.16820
96630	151401	AW546306	TC160005	high mobility group 2 protein	Mm.1693
10668	7484	AW546381	TC176608	null	Mm.41938
112219	135654	AW546468	TC186412	null	Mm.6586
27576	27983	AW546525	TC197687	null	null
125187	114419	AW546328	null	null	null
30902	33353	AW546406	TC164352	null	Mm.103114
27343	28475	AW546483	TC186918	prion protein PrP27-30	Mm.648
123257	134444	AW546563	TC188723	manic fringe precursor	Mm.517
80732	108365	AW547658	TC203193	null	Mm.33057
179183	304351	AW547823	TC159554	ribosomal protein L36	Mm.11376
176454	335591	AW547924	TC159924	retinoblastoma-binding protein	Mm.1603
149870	119984	AW548021	TC187621	null	Mm.22238
30388	35679	AW547680	TC190420	null	Mm.31233
144432	135432	AW547847	TC189593	null	Mm.32062
72575	91348	AW547945	TC189728	null	Mm.28367
65474	79952	AW548051	TC176196	null	Mm.46727
117908	111530	AW549199	TC160756	RPA16	Mm.34570
80290	131261	AW549306	TC160418	RNA/DNA-binding protein	Mm.1951
140703	160849	AW549426	null	null	Mm.20903
238040	212767	AW549517	TC187774	null	Mm.25119
70239	54987	AW549236	null	null	Mm.102888
23778	25081	AW549348	TC176128	null	Mm.25856
0	0	AW549442	null	null	null
69903	45842	AW549544	TC161574	null	Mm.41583
87668	110724	AW546647	TC189843	null	Mm.6478
77036	58043	AW546725	TC190059	null	Mm.28112
28895	29521	AW546818	TC173514	retinoic acid-responsive prote	Mm.906
28932	33160	AW546856	TC205090	null	Mm.26612
45214	39825	AW546666	null	null	Mm.100764
71210	115179	AW546741	TC173787	null	Mm.39981
15968	15501	AW546837	null	null	null
264170	310019	AW546888	null	null	null
60053	54935	AW548113	TC163064	null	Mm.41216

58234	71900	AW548212	TC173941	null	Mm.26546
99321	123442	AW548322	TC200382	PCTAIRE-1 protein kinase	Mm.4597
51683	69128	AW548400	TC159878	Id2 protein	Mm.1466
214944	234174	AW548128	null	null	null
28628	34695	AW548233	TC162251	null	Mm.22634
9787	10317	AW548335	TC187368	null	Mm.26708
62475	64854	AW548427	TC189710	null	Mm.18616
58176	43112	AW549644	TC160600	null	Mm.29032
90563	165453	AW549718	null	null	null
11785	19477	AW549816	null	null	null
143225	206867	AW549898	TC161284	flavo-binding protein	Mm.28986
58346	49110	AW549667	null	null	null
41505	40996	AW549738	TC164655	null	Mm.103484
773703	493349	AW549855	null	null	Mm.1779
41999	201935	AW549905	TC159636	alpha-globin	Mm.16820
148569	207944	AW550680	null	null	Mm.102932
619535	1381590	AW550799	TC173053	pro-alpha-2(I) collagen	Mm.4482
83842	116948	AW550877	TC175184	null	Mm.22521
122647	245037	AW550951	TC201102	null	Mm.30036
66823	98674	AW550700	TC175404	null	Mm.36912
53194	76765	AW550818	TC173328	null	Mm.14486
31776	39860	AW550887	TC187790	mitochondrial inner membrane t	Mm.27393
151865	875815	AW550996	null	null	null
36496	60724	AW551965	TC173402	null	Mm.41367
0	0	AW552008	TC197565	null	Mm.102987
6428	9618	AW552060	null	null	null
0	0	AW552105	null	null	Mm.104508
11972	12181	AW551975	null	null	null
21262	25759	AW552025	TC177840	null	Mm.100885
49969	95858	null	null	null	null
480299	907660	AW552118	null	null	Mm.102988
75431	137302	AW552799	TC200275	null	Mm.29348
0	0	AW552859	TC159035	deoxyribonuclease II precursor	Mm.41853
133105	141183	AW552922	null	null	null
621285	783807	AW553009	TC187653	null	Mm.2144
0	0	AW552819	TC202346	null	null
34479	75415	AW552870	TC188539	null	Mm.29310
45595	61059	AW552948	TC161824	null	Mm.28836
82150	79453	AW553043	TC159514	voltage dependent anion channe	Mm.16773
11169	19505	AW551042	TC176369	renin-binding protein	Mm.28280
17073	16734	AW551193	null	null	null
0	0	AW551294	TC163941	null	Mm.33582
48659	215842	AW551407	TC175093	null	Mm.12255
47501	66519	AW551123	TC197673	null	Mm.102944
17756	26261	AW551225	TC189139	null	Mm.23598
16034	21484	AW551317	TC197666	null	null
40300	56371	AW551431	null	null	Mm.4467
264511	509834	AW552139	null	null	Mm.10706
28623	37656	AW552192	TC177354	null	null
87511	106182	AW552239	TC186979	null	Mm.29995
31247	40927	AW552290	TC175359	nucleophosmin/nucleoplasmin-3	Mm.1406

108321	199829	AW552153	TC158296	null	Mm.16820
0	0	AW552200	null	null	null
34815	51040	AW552247	null	null	Mm.102993
0	0	AW553074	TC176186	null	Mm.41759
97900	85051	AW553142	null	null	null
35054	42912	AW553199	TC163982	null	Mm.71886
42467	46214	AW553266	TC176037	null	Mm.28427
40899	56814	AW553091	TC160655	P26s4	Mm.2222
12935	19869	AW553157	null	null	null
9492	16110	AW553212	TC175869	nuclear protein ZAP	Mm.46674
0	0	AW553278	TC157883	ubiquitin-conjugating enzyme	Mm.12921
0	0	AW550681	TC172129	null	Mm.102933
339902	439448	AW550805	TC174908	null	Mm.34077
62629	88984	AW550878	TC178608	null	null
1495724	3126932	AW550958	null	null	null
30705	29339	AW550703	TC165160	null	null
539967	565536	AW550819	null	null	Mm.29213
663714	1245308	AW550891	TC189926	null	Mm.36831
587603	2527231	AW550998	null	null	null
81368	96882	AW551966	TC202492	null	Mm.38300
35898	67783	AW552014	TC174167	transcriptional repressor SIN3	Mm.2137
24473	23388	AW552064	TC176686	null	Mm.50233
51002	41059	AW552108	TC160000	null	Mm.22227
73234	81338	AW551978	null	null	Mm.102982
12024	15253	AW552026	TC160661	null	Mm.43482
0	0	AW552074	TC170708	null	null
4490	6262	AW552119	TC161275	Fyn(T)	Mm.4848
22486	26917	AW552802	TC174686	null	Mm.29316
6302	6940	AW552860	TC160819	null	Mm.103017
343682	458236	AW552924	null	null	Mm.103020
76592	83666	AW553023	null	null	Mm.103025
6056	11678	AW552820	TC192142	null	Mm.103013
15201	16056	AW552876	null	null	Mm.103018
130213	195091	AW552949	TC188847	null	Mm.27689
128169	111840	AW553045	TC186366	null	Mm.30806
0	0	AW551043	TC177032	null	Mm.68976
15866	30745	AW551195	TC175765	null	Mm.17333
62507	117142	AW551295	null	null	null
113114	192454	AW551408	null	null	Mm.20847
17652	19934	AW551128	TC161676	PAF acetylhydrolase	Mm.9277
91219	74594	AW551230	TC201060	null	Mm.1608
9448	10921	AW551319	TC201754	sif and Tiam1-like exchange fa	Mm.29014
40739	79459	AW551432	TC204411	null	Mm.31525
89016	144547	AW552141	TC173510	translation initiation factor	Mm.3941
9515	18223	null	null	null	null
0	0	null	null	null	null
24655	28970	AW552291	TC157862	null	Mm.24878
57639	53089	AW552155	TC187506	conserved helix-loop-helix ubi	Mm.3996
45944	74757	AW552203	TC188786	null	Mm.2866
0	0	AW552250	TC205903	null	Mm.32677
11834	18132	AW553076	TC213424	null	Mm.103030

34020	35950	AW553143	TC161269	null	Mm.27095
0	0	AW553200	TC162468	transcription regulator	Mm.15755
13008	16099	AW553269	TC162121	null	Mm.18783
36325	44855	AW553099	TC161449	NAB1	Mm.74586
7699	15535	AW553159	null	null	Mm.103035
9995	17220	AW553214	TC178593	null	Mm.66298
35933	34464	AW553279	TC211231	null	Mm.103042
26911	33691	null	null	null	null
191026	201419	AW550806	TC159903	null	Mm.24605
2871061	2978648	AW550880	TC200304	thioredoxin	Mm.1275
0	0	AW550960	null	null	null
498349	538945	AW550705	null	null	null
937115	1325385	AW550822	TC173117	null	Mm.28066
459747	718328	AW550894	TC177784	null	Mm.100607
82664	110190	AW551968	TC160776	null	Mm.29746
21573	27902	AW552018	TC160070	null	Mm.25776
37121	47795	AW552065	TC166162	null	Mm.102985
153709	122194	AW552111	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
18273	27995	AW551980	TC201322	HepA-related protein Harp	Mm.36676
139241	150862	AW552027	null	null	Mm.265
0	0	AW552075	null	null	Mm.102896
0	0	AW552122	TC188419	tissue factor pathway inhibito	Mm.3601
71314	95120	AW552804	TC177619	null	Mm.34179
46542	95488	AW552861	TC200573	null	Mm.23090
89904	81801	AW552927	TC173244	angiotensin II AT2 receptor-in	Mm.28951
10805	8671	null	null	null	null
42457	72118	AW552822	null	null	null
187644	197571	AW552880	null	null	null
17399	16678	AW552953	TC167510	null	Mm.103022
24433	30388	AW553046	null	null	null
10062	15507	AW551196	TC190366	null	Mm.41338
12483	10143	AW551304	null	null	Mm.102951
36755	52633	AW551411	null	null	null
15891	16948	AW551137	TC190469	null	Mm.102948
131509	182278	AW551233	TC159890	mPRL-2	Mm.6355
125491	187492	null	null	null	null
31207	69640	AW551435	TC160155	null	Mm.9210
69433	119008	AW552144	TC157557	null	null
6610	8168	null	null	null	null
230285	456409	AW552240	null	null	null
0	0	AW552293	TC168787	null	Mm.103478
36243	41269	AW552156	null	null	null
47713	35544	null	null	null	null
0	0	AW552251	TC170195	null	null
0	0	AW552390	null	null	null
37744	65654	AW553081	TC159572	ribosomal protein S14	Mm.43778
0	0	AW553147	TC211227	null	Mm.103034
14922	21374	AW553202	TC173392	glutathione transferase (EC 2.	Mm.2011
30481	33097	AW553271	null	null	null
181021	217922	AW553100	null	null	null
0	0	AW553163	TC191423	null	Mm.103529

0	0	AW553216	null	null	null
0	0	null	null	null	null
218292	277251	AW550689	TC173362	glucose-6-phosphate isomerase	Mm.589
94540	135860	AW550810	TC176431	GCN2 eIF2alpha kinase	Mm.26931
814549	1072576	AW550881	TC161348	null	Mm.30941
64839	69063	AW550977	TC162003	null	Mm.27787
103294	129810	AW550726	TC160387	unnamed protein product	Mm.21444
85321	154295	AW550831	TC162651	null	Mm.12573
389453	1284942	AW550895	TC186980	angiotensin II type 2 receptor	Mm.2679
566973	492180	AW551000	null	null	null
556666	770417	AW551969	TC157622	proline-rich protein	Mm.28797
41565	35121	AW552021	TC160759	null	Mm.29852
174279	155196	AW552069	TC173250	ATP synthase b chain homolog	Mm.30112
23249	23324	null	null	null	null
16865	21012	AW551984	TC173604	null	Mm.18421
106213	106592	AW552031	TC187736	m-Numb	Mm.4390
22001	26514	AW552076	null	null	null
28676	34085	AW552125	TC190884	null	Mm.24919
45752	58384	AW552808	TC189001	null	Mm.640
375329	377160	AW552866	TC187039	null	Mm.2206
69228	112179	AW552928	TC200541	null	Mm.29135
12034	8509	AW553034	null	null	null
64592	65725	null	null	null	null
27122	42444	AW552883	null	null	null
166478	205134	AW552954	TC161855	null	Mm.24434
119340	165688	AW553048	TC167100	null	Mm.103026
45219	72259	AW551050	TC175604	null	Mm.27968
0	0	AW551197	null	null	Mm.102949
7043	11894	AW551305	TC161583	null	Mm.29671
82616	137126	AW551418	TC187285	null	Mm.34002
117187	134031	AW551139	TC158333	putative secreted protein SIG9	Mm.103533
15078	19764	AW551239	TC202669	null	Mm.3447
70331	85987	AW551321	TC187803	spermine synthase	Mm.3553
630338	1135218	AW551441	TC200463	null	Mm.29000
11200	10651	AW552148	TC174873	null	Mm.10407
65776	101896	AW552195	TC200211	null	Mm.6932
45160	62105	AW552243	TC188380	null	Mm.29593
23260	27518	AW552294	TC164273	null	Mm.44032
112263	121880	AW552159	TC159526	SERCA2b isoform	Mm.42255
16569	23201	AW552205	TC176816	zinc finger protein	Mm.4417
60605	68811	AW552253	TC160729	FT1 protein	Mm.28027
62393	104112	AW552393	TC206306	null	Mm.40140
19602	25305	AW553086	TC192030	null	Mm.40842
0	0	AW553150	TC200000	hexokinase	Mm.5290
0	0	AW553203	TC173059	unnamed protein product	Mm.4271
12676	13683	AW553272	TC204021	null	Mm.34783
52448	69041	AW553103	TC201610	null	Mm.41940
211890	388756	AW553165	null	null	null
21765	24667	AW553219	null	null	null
105007	163818	AW553280	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
27133	36951	AW550693	TC163806	null	Mm.75856

836446	1530052	AW550812	TC159942	aldose reductase	Mm.451
623849	1041984	null	null	null	null
972804	1694275	AW550981	null	null	null
76259	92261	AW550732	TC200151	uroporphyrinogen decarboxylase	Mm.22494
1282988	2113572	AW550832	TC175804	null	Mm.28140
0	0	AW550897	TC199936	p68 RNA helicase	Mm.19101
163248	986140	AW551003	TC173112	Epithelin 1 & 2	Mm.1568
17928	21388	AW551971	TC173741	null	Mm.38801
55934	45844	AW552022	TC162024	nudix hydrolase	Mm.28705
33042	38071	AW552070	TC203758	null	Mm.33383
21180	30766	AW552113	TC173896	null	Mm.21915
147839	243333	AW551989	TC199907	elongation factor 2	Mm.70787
21279	38641	AW552036	TC201159	KIAA312p	Mm.27372
27103	23731	AW552080	TC165416	null	Mm.100666
14214	10021	AW552126	TC157792	null	Mm.11223
405243	356631	AW552812	TC173113	null	Mm.400
198823	218543	AW552868	TC201844	null	Mm.27566
932833	1062402	AW552932	null	null	null
33145	30190	AW553038	TC161374	murine arylsulfatase A	Mm.620
136762	147473	AW552828	TC203549	null	Mm.19059
63202	88630	AW552885	TC188993	null	Mm.41554
0	0	AW552956	TC184041	null	Mm.103023
156100	131190	AW553049	TC188934	null	Mm.24236
50445	86400	AW551205	TC200023	ribosomal protein L27	Mm.28985
17267	68336	AW551313	TC159688	insulin-like growth factor bin	Mm.578
219263	382716	AW551421	TC158918	UbcM4 protein	Mm.3074
53123	66540	AW551147	TC162847	null	Mm.24436
45637	52586	AW551243	TC176367	null	Mm.2833
41458	71709	AW551325	TC159873	milk fat globule glycoprotein	Mm.1451
14177	38693	AW551442	TC176539	null	Mm.45769
13922	12571	AW552152	TC175469	null	Mm.21217
73534	139760	AW552197	null	null	Mm.43309
14457	18503	AW552244	TC157506	null	Mm.42032
36055	57041	AW552384	TC161118	null	Mm.41713
58866	68926	AW552166	TC173388	superoxide dismutase 1, cytosol	Mm.5274
0	0	AW552206	TC159743	null	Mm.38494
0	0	AW552254	TC164165	null	Mm.39744
30220	46460	AW552394	TC162345	null	Mm.39097
20453	34503	AW553089	TC188941	gp180-carboxypeptidase D-like	Mm.20910
18514	36170	AW553151	TC159199	null	Mm.34894
144502	89547	AW553206	TC173392	glutathione transferase (EC 2.3.1.2)	null
38351	57316	AW553273	TC178548	null	Mm.95879
0	0	AW553104	TC161698	null	Mm.41274
0	0	AW553169	null	null	null
11502	12471	AW553221	TC174438	menin	Mm.12917
20571	27341	AW553286	TC175687	null	Mm.26944
78629	91370	AW550697	TC202582	null	Mm.6499
560463	490525	AW550816	null	null	null
1001408	1550186	AW550882	TC192129	null	Mm.102938
1015283	1539972	AW550992	TC197675	null	null
428061	744113	AW550740	TC161323	null	Mm.28777

1749556	1765139	AW550835	null	null	null
955346	1647840	AW550900	TC188228	emerin	Mm.18892
0	0	AW551007	TC175974	null	Mm.25937
0	0	AW551973	TC176403	null	Mm.26652
35192	33190	AW552024	TC174404	null	Mm.102984
172456	168504	AW552072	null	null	null
8420	13829	AW552114	TC161212	TERF1-interacting nuclear prot	Mm.3680
249441	368938	AW551989	TC199907	elongation factor 2	Mm.70787
253258	335421	null	null	null	null
7097	8847	AW552082	TC205385	null	Mm.32755
6975	13944	AW552126	TC157792	null	Mm.11223
387518	301215	AW552818	TC186544	null	Mm.21905
248309	269309	AW552869	TC175228	null	Mm.21535
263178	456122	AW552943	TC200037	null	Mm.10474
27078	21379	AW553041	TC188470	putative RNA helicase	Mm.23705
59939	116098	AW552829	null	null	null
160614	179777	AW552886	TC186422	murine valosin-containing prot	Mm.18921
178664	207330	AW552958	TC186544	null	Mm.21905
414139	530199	AW553050	TC204346	null	Mm.34790
0	0	null	null	null	null
208103	250950	AW551221	null	null	null
76422	100058	AW551315	TC159482	S29 ribosomal protein	Mm.35816
130797	169737	AW551423	TC163615	null	Mm.94926
29669	30281	AW551149	TC174013	protein kinase inhibitor gamma	Mm.10091
56349	53553	AW551247	TC175918	null	Mm.34706
51581	45203	AW551326	TC192130	null	Mm.177
139300	212069	AW551443	null	null	null
26704	21997	null	null	null	null
29837	28061	AW552198	null	null	null
10093	7897	AW552246	TC202482	null	Mm.30075
11846	5000	AW552385	TC201410	talin	Mm.4053
190902	168143	AW552167	TC158357	pelle-like protein kinase	Mm.38241
194806	198743	AW552208	TC200472	cell-surface sialomucin MGC-24	Mm.28083
77040	76754	AW552255	null	null	null
132855	248175	AW552395	TC175638	null	Mm.7050
0	0	AW553091	TC160655	P26s4	Mm.2222
0	0	AW553155	TC202518	co-chaperone mt-GrpE#2 precurs	Mm.12959
67693	76820	AW553207	TC159459	SC1 precursor	Mm.29027
0	0	AW553276	null	null	null
24496	21007	AW553105	TC157951	null	Mm.38317
15722	11893	AW553170	null	null	Mm.103036
0	0	AW553222	TC161614	null	Mm.45104
120759	122639	AW553287	null	null	Mm.103043
0	0	AW553740	null	null	Mm.103066
0	0	null	null	null	null
23399	19919	AW553875	TC159946	null	Mm.13445
34289	16860	AW553936	TC160190	mouse transcription factor kA1	Mm.3406
173280	131478	AW553758	TC175261	null	Mm.24126
66779	106389	AW553809	TC160560	RNAse L inhibitor	Mm.5831
12130	15210	AW553892	null	null	Mm.103074
0	0	AW553953	TC207785	null	null

24357	50847	AW554716	null	null	Mm.103108
14990	18209	AW554807	TC207295	null	Mm.40513
0	0	AW554879	null	null	null
32306	60362	AW554943	TC157702	null	Mm.22635
0	0	AW554730	TC192301	null	Mm.37921
30418	36367	AW554825	TC160319	unnamed protein product	Mm.41782
10231	16898	AW554902	null	null	null
44077	44848	AW554960	null	null	null
124352	160457	AW555684	TC157688	HN1	Mm.1775
123624	146114	AW555736	null	null	null
28657	23257	AW555775	TC178609	null	Mm.103155
23290	42098	AW555698	TC159454	DRPLA protein	Mm.3172
113956	173915	AW555748	null	null	null
11188	18706	AW555785	null	null	null
1966128	1968174	AW554002	TC191452	null	Mm.27370
373754	381917	AW554082	null	null	null
62896	51062	AW554141	TC206759	null	Mm.100334
6702	8559	AW554202	null	null	null
42955	53351	AW554030	TC203738	null	Mm.91081
634890	611762	AW554098	TC157683	voltage dependent anion channe	Mm.569
37626	46462	null	null	null	null
101370	97669	AW554215	null	null	Mm.16773
1086277	1741644	AW555035	null	null	null
0	0	AW555089	null	null	null
106791	260345	AW555131	null	null	Mm.103126
336403	355137	AW555179	null	null	null
355544	372474	AW555050	null	null	Mm.103123
97281	189072	AW555096	TC188016	tumor suppressor p53	Mm.222
114298	115961	AW555145	TC160531	null	Mm.28349
50213	73889	AW555189	TC200990	null	Mm.24997
25766	57380	null	null	null	null
0	0	AW555936	null	null	Mm.103031
218958	226418	AW556004	TC200349	Rho family GTPase RhoA	Mm.757
69762	90859	AW556065	null	null	null
348500	753279	AW555856	TC199923	ribosomal protein S19	Mm.22103
110694	129148	AW555958	TC201251	null	Mm.29802
0	0	AW556026	TC206607	null	Mm.103160
27375	29975	AW556081	TC187210	null	Mm.30740
13737	10174	AW553743	TC180528	null	Mm.103064
31233	47293	AW553798	null	null	Mm.103070
18210	25979	AW553876	TC187704	null	Mm.38367
0	0	AW553938	TC194154	null	Mm.103077
59963	82653	AW553760	TC173583	null	Mm.34907
55760	53434	AW553810	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
21155	25314	AW553894	TC190698	null	Mm.23806
47230	49950	AW553961	TC160654	null	Mm.29987
10172	11486	AW554719	TC188437	null	Mm.28635
8955	19048	AW554818	TC202234	null	Mm.40623
30508	34795	AW554882	TC209533	null	null
183679	220759	AW554947	TC174377	null	Mm.35618
24313	44367	AW554737	TC161512	null	Mm.21972

0	0	null	null	null
74157	112866	AW554903	TC161838	null
38789	46969	AW554974	TC158836	null
179923	184037	AW555686	TC203020	null
346634	348225	AW555738	null	null
514204	673683	AW555778	TC160740	null
176895	173042	AW555699	TC177480	null
148284	154985	AW555749	null	null
1352279	2584971	AW555786	null	null
65007	71222	AW554005	TC201772	null
33530	49301	AW554084	TC187719	null
0	0	AW554147	TC205842	null
0	0	AW554205	TC199202	null
45242	70618	AW554031	TC192165	null
64442	72711	AW554102	TC176681	paraoxonase-3
29334	38346	AW554154	TC165703	null
13732	11746	AW554217	TC184143	null
65908	92217	AW555036	TC158612	null
51270	59509	AW555090	TC163742	MMUSF
49386	58118	AW555133	TC200878	null
10594	15103	AW555181	null	null
379427	480693	AW555051	null	null
0	0	AW555098	TC202422	null
16092	23153	AW555147	TC179037	null
10505	23655	AW555189	TC200990	null
2464	4304	AW555835	null	null
23249	36531	AW555938	TC161401	null
20606	27980	AW556007	TC179186	null
33571	45346	AW556068	TC190747	null
80164	102025	null	null	null
421789	444806	AW555962	null	null
40517	50431	AW556027	TC189534	null
32048	32202	AW556082	TC200423	null
0	0	AW553749	TC176438	null
14799	20022	null	null	null
2686	8844	null	null	null
36647	58897	AW553939	TC186623	MCM2
0	0	AW553761	TC190693	null
48013	50289	AW553811	TC158241	band 3-related protein
33772	41459	AW553895	TC188880	null
56548	71924	AW553963	TC190762	null
89146	111007	AW554722	TC173763	null
26416	41930	AW554820	TC201202	null
67460	68403	AW554889	TC188975	putative potassium-chloride co
89745	165514	AW554948	TC186862	centrosomin B
29386	42859	AW554745	TC175901	null
0	0	null	null	null
195540	363444	AW554909	TC159789	ribosomal protein L8
59474	61876	AW554975	TC187927	null
172597	208732	AW555687	TC201355	null
91978	128081	AW555740	TC188394	null

278911	368069	AW555779	TC188132	protein kinase	Mm.8385
732400	704226	AW555750	TC163788	null	Mm.7033
157725	235156	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
44246	53850	AW554016	TC189936	null	Mm.32827
23346	33725	AW554085	TC157628	BUB2-like protein 1	Mm.29982
15939	15575	AW554148	null	null	null
64162	100586	AW554208	TC173980	null	Mm.18924
73870	112775	AW554034	null	null	null
86553	83468	AW554103	null	null	null
19998	29357	AW554155	TC160255	ligatin	Mm.7330
19816	33938	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
199445	216973	AW555040	null	null	null
10175	15323	AW555091	TC167118	null	null
0	0	AW555134	null	null	null
25012	42348	AW555183	TC193151	null	Mm.55899
804644	1425909	AW555055	null	null	null
46540	42923	AW555102	null	null	null
41454	74970	AW555150	TC161823	null	Mm.32196
18226	37567	AW555191	TC200479	protein 4.1G	Mm.814
60549	74875	AW555836	TC188238	CAAT-box DNA binding protein s	Mm.3259
62806	85173	AW555939	TC160998	null	Mm.28312
21842	35524	AW556011	TC176577	null	Mm.28940
23868	23042	AW556069	TC157795	null	Mm.103164
13947	28177	AW555863	TC170706	null	null
204807	246964	AW555965	null	null	null
9615	18551	AW556031	TC187999	null	Mm.29243
22637	32759	AW556085	null	null	null
0	0	AW553752	null	null	null
13335	8737	AW553802	null	null	Mm.104512
8913	7150	AW553880	TC167429	null	Mm.103073
6577	6564	AW553944	TC202807	null	Mm.46656
36782	39357	AW553762	null	null	null
280444	206830	AW553814	TC175084	null	Mm.38087
25908	37140	AW553896	TC204203	null	Mm.41768
34027	56841	AW553964	null	null	null
11657	12529	AW554727	null	null	Mm.103109
90559	152228	AW554821	null	null	Mm.103113
118756	138301	AW554892	TC187555	null	Mm.29700
56463	96063	AW554953	null	null	Mm.103121
8245	10362	AW554746	null	null	Mm.103110
21889	34654	AW554829	TC177925	null	Mm.87189
65734	102512	AW554911	TC187631	null	Mm.44209
73658	94008	AW554976	TC174807	small GTP-binding protein asso	Mm.21904
9339	17793	AW555689	TC186892	null	Mm.46725
512753	1008152	AW555741	TC186487	non-histone chromosomal high-m	Mm.16421
200697	263962	AW555781	TC187331	precursor polypeptide (AA -25	Mm.2570
106200	143718	AW555701	TC203243	potassium channel Kv4.2	Mm.5302
64157	64575	AW555751	null	null	Mm.41349
403765	572531	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
27864	39093	AW554021	TC161856	null	Mm.29954
29673	40785	AW554091	TC174968	null	Mm.9870

84346	72212	AW554149	TC157671	tyrosine kinase	Mm.35650
38996	33586	AW554209	TC200342	long chain fatty acyl CoA synt	Mm.28962
27027	30810	AW554038	TC206390	null	Mm.103080
10871	10217	AW554104	null	null	null
227255	196785	AW554157	TC200773	FAN protein	Mm.3059
44780	69371	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
433986	824342	AW555043	TC191261	null	Mm.45591
167665	248770	null	null	null	null
193126	220796	AW555136	null	null	null
20506	31376	AW555184	TC201437	null	Mm.31097
409064	453547	AW555056	null	null	null
352904	346245	AW555103	TC187304	fibroglycan (syndecan-2)	Mm.29350
26677	35736	AW555152	null	null	null
26425	26204	null	null	null	null
189480	214706	AW555840	TC160290	null	Mm.4538
103624	125151	AW555941	TC162373	male-specific lethal-3 homolog	Mm.24248
45751	66540	AW556014	TC174934	null	Mm.45738
70024	87632	AW556074	null	null	Mm.2632
14436	25610	AW555872	TC202385	branched-chain amino acid amin	Mm.4811
67214	79818	AW555967	TC162334	null	Mm.28766
41988	56227	AW556032	null	null	Mm.103161
28576	31682	AW556086	null	null	null
0	0	AW553754	TC205603	null	Mm.96408
0	0	null	null	null	null
21410	20859	AW553882	TC161616	null	Mm.38168
80519	108260	AW553949	null	null	Mm.103078
20797	29171	AW553763	TC186452	unknown	Mm.1089
106566	99870	AW553816	null	null	null
13958	15041	AW553897	TC188576	uroporphyrinogen III synthase	Mm.3160
0	0	AW553967	TC176456	null	Mm.31770
26689	45807	AW554728	TC174516	mEnx-1	Mm.4303
44223	73684	null	null	null	null
33244	34289	AW554898	TC160912	Gas1 protein	Mm.22701
28122	49699	AW554954	TC161530	N-cadherin	Mm.14897
204269	215993	AW554748	TC158204	MHC class I heavy chain precur	Mm.33263
66868	71667	AW554830	null	null	null
272137	371661	AW554913	null	null	Mm.103119
113269	110666	AW554990	TC178480	null	Mm.73170
598110	457056	AW555690	TC188970	cholinephosphate cytidyltran	Mm.3905
115389	115119	AW555743	TC207029	null	Mm.103154
243681	260242	AW555782	TC161586	null	Mm.29088
1701746	3253966	AW555704	TC159517	ribosomal protein S24	Mm.16775
0	0	AW555753	null	null	null
748674	1263702	AW555795	null	null	null
184265	211578	AW554024	TC161249	null	Mm.38451
51560	53598	AW554095	TC164573	null	Mm.72993
675867	635870	AW554150	TC200212	ARF4	Mm.1486
27044	30235	AW554212	TC163547	null	Mm.40987
15362	9588	AW554040	TC186938	pigment epithelium-derived fac	Mm.2044
70281	110471	AW554105	TC201177	null	Mm.3037
31399	37558	AW554162	TC186999	null	Mm.41443

20437	16625	AW554220	null	null	Mm.103089
148433	195452	AW555045	TC188980	null	Mm.28149
95184	83109	AW555092	TC167771	null	Mm.103125
121237	120648	AW555138	TC201045	NGFI-A binding protein 2	Mm.2489
26912	28175	AW555185	TC160596	null	Mm.27499
64545	67732	AW555058	null	null	null
73641	71209	AW555106	TC176160	null	Mm.45573
0	0	AW555154	TC202835	null	Mm.5727
0	0	AW555199	TC161000	null	Mm.22317
18668	19198	AW555843	TC163599	null	Mm.32497
79439	111087	AW555942	TC202407	centromere autoantigen B (CENP	Mm.41454
13859	18304	AW556016	TC163236	null	Mm.46529
374704	350987	null	null	null	null
50414	45526	AW555873	TC197199	null	Mm.103157
231772	326151	null	null	null	null
66320	88141	null	null	null	null
102106	129868	AW556087	TC175648	ROSA26AS	Mm.781
208538	159377	AW553757	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
7093	14518	AW553808	null	null	Mm.52307
57632	47964	AW553891	null	null	null
112875	110762	AW553950	TC160394	AES-2 protein	Mm.2626
5323	4324	AW553764	TC180398	null	Mm.103067
9927	10009	AW553818	TC174959	null	Mm.29703
40384	48578	AW553909	TC162171	null	Mm.24294
5789	6490	AW553972	null	null	Mm.34618
31723	36183	AW554729	TC201967	null	Mm.50655
57765	84243	AW554824	TC163514	null	Mm.28329
42204	47262	AW554900	TC184008	null	Mm.103118
19042	13869	AW554959	TC161015	null	Mm.34257
156658	193995	AW554755	TC158899	ribosomal protein L38	Mm.43330
29881	28358	AW554833	null	null	null
91115	94133	AW554915	TC160492	skeletal muscle LIM protein	Mm.3126
7717	9695	null	null	null	null
195860	232586	AW555694	TC200966	Wolf-Hirschhorn syndrome candi	Mm.17154
378075	435403	AW555746	TC160666	RNA-binding protein stauflen	Mm.41650
0	0	AW555784	null	null	null
1776873	2753772	AW555704	TC159517	ribosomal protein S24	Mm.16775
163166	180082	AW555754	TC200243	null	Mm.2660
829760	681730	AW555798	TC159426	retinoid X receptor interactin	Mm.88061
87592	88142	AW554028	TC175904	null	Mm.41020
43909	42997	AW554097	TC189385	null	Mm.30209
129432	113056	null	null	null	null
29177	35399	AW554214	TC192992	null	Mm.103087
70363	76664	AW554044	TC165110	null	Mm.23135
1448334	2300946	AW554113	null	null	Mm.103084
199847	200132	AW554163	null	null	Mm.103085
73667	125898	AW554221	TC177635	post-replication repair protei	Mm.70459
178704	181125	AW555047	TC159693	NADH oxidoreductase	Mm.29513
61173	64882	AW555095	TC187648	pituitary tumor transforming g	Mm.6856
84892	101720	AW555139	TC162785	null	Mm.9676
33051	38124	AW555188	TC187824	62 kDa subunit of TFIIH	Mm.22700

39938	54480	AW555061	TC187945	null	Mm.16925
85239	85804	AW555107	TC159002	RAD54	Mm.3655
133378	91664	AW555155	TC158601	null	Mm.32846
14553	10828	AW555201	null	null	Mm.103130
295351	269870	AW555853	null	null	null
986682	746149	AW555949	TC176029	null	Mm.5348
46382	48515	AW556021	TC202477	null	Mm.5396
103819	135074	AW556076	TC160225	null	Mm.4042
215505	258100	AW555877	TC186511	GDP dissociation inhibitor bet	Mm.19123
59814	164871	AW555980	null	null	null
92672	97461	AW556036	TC200899	null	Mm.28285
146718	121933	AW556088	TC163364	null	Mm.24863
0	0	AW556545	TC207591	null	null
60984	33496	AW556594	null	null	Mm.103189
0	0	AW556680	TC190679	null	Mm.33147
26631	28804	AW556719	TC188235	null	Mm.29385
0	0	AW556556	TC186944	null	Mm.38387
13426	18404	AW556612	TC175335	null	Mm.3080
0	0	null	null	null	null
22435	23305	null	null	null	null
58075	110897	AW557527	TC164361	null	Mm.45796
10732	15611	AW557601	null	null	null
1700482	1391539	AW557671	TC159993	succinate dehydrogenase Fp sub	Mm.22149
12395	17696	AW557736	TC187104	null	Mm.29707
69317	95016	AW557541	TC160269	unknown	Mm.24116
12947	35295	AW557617	TC200027	brain expressed X-linked prote	Mm.90787
157175	227073	AW557680	TC201285	null	Mm.21092
10684	18477	AW557749	null	null	null
12541	19248	AW558553	null	null	Mm.104522
44155	41954	AW558443	TC158300	mitochondrial aspartate aminot	Mm.18916
26343	35168	null	null	null	null
22073	38123	AW558669	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
66466	76159	AW558573	TC203807	null	Mm.5258
158823	188291	AW558457	null	null	null
0	0	AW558614	TC177219	N-acetyllactosaminide alpha-2,	Mm.103364
14880	12108	AW558692	TC201090	null	Mm.27904
37550	63506	AW556802	TC203608	null	Mm.70309
0	0	AW556867	TC191952	null	Mm.23858
0	0	null	null	null	null
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81824	84726	AW556827	TC206919	null	Mm.102946
19085	13607	AW556880	TC212484	null	Mm.103198
145193	230350	AW556925	TC200043	extra large alpha stimulating	Mm.17446
0	0	AW556974	TC178870	null	Mm.18168
76019	131273	AW557796	TC200752	null	Mm.27799
183372	235455	AW557846	TC176733	null	Mm.32139
463477	563852	AW557886	TC160697	null	Mm.22749
98198	100617	AW557944	TC162726	null	Mm.954
1334851	1430453	AW557809	TC157592	E25B protein	Mm.4266
102255	131582	null	null	null	null
31290	46980	AW557901	TC193191	null	Mm.17541

79400	166784	null	null	null	null
308613	517926	AW558740	TC202143	alpha-mannosidase	Mm.30174
0	0	AW558818	TC158992	null	Mm.8552
47794	62761	AW558877	TC211276	null	null
68100	86838	AW558946	TC188047	protein phosphatase 5; PP5	Mm.3294
47188	47971	AW558760	null	null	null
103835	123349	AW558836	null	null	null
118473	98274	AW558892	TC204536	null	Mm.33577
43624	48792	AW558973	null	null	null
13991	16930	AW556546	TC204701	null	Mm.73091
56024	57692	AW556595	null	null	Mm.103190
0	0	AW556683	null	null	null
21186	23999	null	null	null	null
10322	12706	AW556558	TC164263	null	Mm.30111
117743	180166	AW556614	TC203331	null	Mm.21572
0	0	AW556693	TC197610	null	Mm.103194
19181	19958	AW556743	TC175285	hypothetical protein	Mm.30006
0	0	AW557529	null	null	Mm.5305
51701	60705	AW557606	TC161003	Grb2 adaptor protein	Mm.6900
52080	87976	AW557674	null	null	null
851404	920310	null	null	null	null
1328775	1255372	AW557545	TC163441	null	Mm.102286
0	0	AW557622	TC162859	deltaEF1	Mm.3929
372970	436116	AW557684	TC200991	null	Mm.38825
34879	71008	AW557754	TC175168	null	Mm.41264
65304	95122	AW558554	TC159097	cell surface molecule OX-2	Mm.8649
71420	67888	AW558444	TC159014	IGTP	Mm.858
136690	134871	AW558488	TC160746	null	Mm.52
131453	163085	AW558672	null	null	null
9111	18449	AW558574	TC175528	null	Mm.30596
72818	144790	AW558458	TC207022	null	Mm.103288
390192	500104	AW558616	null	null	null
370072	305528	AW558695	TC174085	TFG protein	Mm.41374
0	0	AW556805	TC200340	EAT/MCL-1	Mm.1639
43726	45255	AW556868	TC175395	S182 protein	Mm.998
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0	0	AW556959	null	null	null
248450	411475	AW556830	TC174212	null	Mm.22597
0	0	AW556881	null	null	Mm.103201
32793	35722	AW556927	TC162303	null	Mm.28969
48886	71217	AW556977	TC160058	zipper protein kinase	Mm.4358
122368	239097	AW557797	TC211258	null	null
332407	275175	AW557848	TC187580	C33/R2/IA4	Mm.4261
42709	86259	AW557889	TC187216	asparagine synthetase	Mm.2942
29465	34199	AW557946	TC159159	null	Mm.1881
2822606	2595553	AW557813	null	null	null
158779	178243	AW557861	null	null	null
92788	104633	AW557904	null	null	null
0	0	AW557962	null	null	null
0	0	AW558745	TC175171	null	Mm.28744
32451	47745	AW558819	TC187390	null	Mm.29150

20334	29017	AW558879	TC199903	c-myc binding protein MM-1	Mm.836
238846	261947	AW558948	TC186965	null	Mm.35064
24344	32749	AW558767	TC175882	null	Mm.31175
103627	100514	AW558837	TC203501	null	Mm.25459
20052	22008	null	null	null	null
612174	662361	AW558981	null	null	null
8639	14858	AW556549	TC202840	homolog of human gene underlyi	Mm.135
99256	123762	AW556597	TC207072	null	Mm.103191
0	0	AW556685	TC161391	null	Mm.29619
14010	17559	AW556728	TC170174	null	Mm.100857
33167	28733	AW556563	null	null	null
248252	288659	AW556615	null	null	null
265583	273230	null	null	null	null
0	0	AW556749	TC190441	null	Mm.46145
203218	331388	AW557531	TC207002	null	Mm.103246
13044	18610	AW557607	TC163276	synaptonemal complex protein 1	Mm.4564
521083	632500	AW557675	TC189530	null	Mm.22780
193078	348612	AW557742	null	null	Mm.103252
0	0	AW557547	null	null	null
188644	211099	AW557628	TC167066	null	Mm.39131
87715	104554	AW557686	null	null	null
74747	119625	AW557755	TC162029	null	Mm.21814
71982	86673	AW558556	TC174385	putative phosphoinositide 5-ph	Mm.1458
11474	13653	null	null	null	null
289425	483640	AW558496	TC200162	null	Mm.23
43282	58641	null	null	null	null
31288	32226	AW558576	TC179933	null	Mm.44314
30138	38647	AW558460	TC173819	null	Mm.10167
273557	288639	AW558617	null	null	null
15534	11243	AW558696	TC180627	null	null
12297	18067	AW556821	TC202431	null	Mm.46254
40185	66617	AW556871	TC173933	centrin	Mm.12481
29843	25419	AW556919	null	null	null
7090	12967	AW556961	TC167274	null	Mm.103003
51062	60311	AW556832	TC211324	null	Mm.102947
26456	36969	AW556882	null	null	null
22391	32210	AW556929	TC201645	null	Mm.25315
45543	61479	AW556980	TC174403	null	Mm.14569
38370	52732	AW557798	TC163172	null	Mm.21158
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19873	31270	AW557894	TC158387	null	Mm.22440
302990	511847	AW557947	null	null	null
74904	106569	AW557817	TC187157	cdc2/CDC28-like protein kinase	Mm.18476
13079	11805	null	null	null	null
0	0	AW557905	TC179012	null	Mm.103263
5725	14224	AW557965	TC177148	null	Mm.100317
166766	140977	AW558748	TC189517	IGIF precursor polypeptide	Mm.1410
16090	14492	AW558823	null	null	Mm.103292
60527	93135	AW558881	null	null	null
220065	277789	AW558951	TC173516	null	Mm.24463
178412	179846	null	null	null	null

72102	66353	AW558839	TC175554	null	Mm.29485
355357	316676	AW558893	TC200494	null	Mm.20841
29808	36631	AW558982	null	null	Mm.38241
0	0	AW556551	null	null	Mm.103186
10393	11197	AW556607	TC176407	null	Mm.41254
21293	20683	AW556687	null	null	null
27953	47069	AW556729	TC160267	Dhm1 protein	Mm.3065
114647	105872	AW556565	TC163067	protein kinase C zeta	Mm.28561
45013	55393	AW556616	TC188430	null	Mm.24442
49446	80479	AW556699	TC202358	null	Mm.6847
0	0	AW556751	TC203551	null	Mm.34590
88310	132173	AW557537	TC175724	zinc finger protein (Zfx)	Mm.919
310304	188194	AW557609	TC188358	null	Mm.21553
339967	303083	null	null	null	null
27739	33112	AW557743	TC175388	null	Mm.38014
1333335	2138879	AW557548	TC173296	null	Mm.11204
53070	56514	AW557635	TC161142	null	Mm.22123
964224	2449784	AW557693	TC173131	null	Mm.29859
226634	255763	AW557758	TC175903	null	Mm.21286
67111	90653	AW558560	TC200189	null	Mm.11199
184016	206820	AW558451	TC159984	null	Mm.21606
438282	770569	AW558502	null	null	Mm.3746
175074	140908	AW558684	TC189143	null	Mm.22438
321191	294560	AW558580	TC160238	DnaJ-like protein	Mm.27897
51776	61062	AW558461	TC190537	null	Mm.183
119743	137700	AW558619	null	null	null
77321	126978	AW558700	TC161562	null	Mm.28459
64133	70145	AW556823	TC173302	P2B/LAMP-1	Mm.16716
10697	17068	null	null	null	null
18657	29288	AW556921	TC161235	null	Mm.27386
10416	13392	AW556962	null	null	null
72181	78809	AW556833	null	null	null
15777	25439	AW556886	TC203049	null	Mm.45141
20335	28400	AW556930	null	null	Mm.103207
147566	110386	AW556981	TC158477	mDj7	Mm.27432
30188	36718	AW557802	TC188071	null	Mm.27043
50558	40796	AW557852	null	null	null
60399	59995	AW557897	null	null	null
112755	168322	AW557952	TC159443	CDEI binding protein	Mm.19133
102125	117263	AW557818	TC159911	null	Mm.33851
73491	76999	AW557862	TC202689	null	Mm.24786
135575	238132	AW557912	TC202580	null	Mm.28717
45363	68351	AW557967	TC188881	null	Mm.27670
1086877	854007	AW558751	TC200271	antizyme inhibitor	Mm.6775
96832	108048	AW558825	null	null	Mm.103294
258702	244642	AW558883	null	null	null
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56409	67272	AW558894	TC189814	null	Mm.28037
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14445	20735	AW556753	null	null	null
55504	64028	AW557538	null	null	null
15020	7402	AW557610	TC204891	null	Mm.102207
77090	65274	AW557677	TC177268	null	Mm.77076
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19471	21712	AW557953	null	null	null
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542310	527447	AW557968	null	null	Mm.103265
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27167	30415	AW558609	TC201514	calmodulin-binding protein	Mm.1222
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27716	32026	AW558582	TC187585	null	Mm.29540
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44576	36204	AW556969	TC188186	null	Mm.29978
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34359	32018	BE376330	null	null	null
179462	288541	BE535117	null	null	null
264594	365051	BE534574	null	null	null
84633	114003	BE533138	null	null	null
198900	167725	BE377128	null	null	null
16678	16246	BE533432	null	null	null
87891	85948	BE533261	null	null	null
56669	66931	BE380272	null	null	null
675102	627080	M86720	null	null	null
1530507	1453425	AF191028	null	null	null
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912900	303675	null	null	null	null
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1281160	1307208	null	null	null	null
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12520	10654	AI788080	null	null	null
27331	26214	AW226607	null	null	null
77522	122441	AW208938	null	null	null
325389	174961	AW413200	null	null	null
73138	103161	AW210287	null	null	null
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12536	11093	AW702023	null	null	null
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25329	49390	AF159803	null	null	null
130756	53500	X58149	null	null	null
217800	239258	U91966	null	null	null
195525	471573	AF168390	null	null	null
1752702	733490	AF247559	null	null	null
87949	87836	X56062	null	null	null
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81729	99634	AI835482	TC187961	null	Mm.23914
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26845	37796	AI835978	null	null	null
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1123045	438281	AF247559	null	null	null
0	0	X56062	null	null	null
614921	2050452	AF198054	null	null	null
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39593	44265	AI835702	TC173902	GM2 activator protein	Mm.4140
179957	322135	AI835756	TC173333	null	Mm.30078
220422	220884	AI835937	TC200006	null	Mm.30133
1275707	1426204	AI835506	null	null	null
38327	43371	AI835714	TC157765	null	Mm.29408
11780	14321	AI835902	TC188345	null	Mm.41774
47563	74469	AI835946	TC186898	unnamed protein product	Mm.14638
49828	41591	AI836079	TC191308	null	Mm.37725
34960	108473	AI840300	TC201548	gamma-glutamyl hydrolase precu	Mm.20461
24396	33785	AI840317	TC162612	null	Mm.21613
513017	474419	AI836814	null	null	null
6853	10417	AI836087	TC202457	null	Mm.27155
10006	16248	AI840303	TC160381	null	Mm.28452
39019	43579	AI836797	TC175674	null	Mm.43678
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0	0	X58149	null	null	null
18445	20863	U91966	null	null	null
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1118315	476784	AF247559	null	null	null
59462	74657	X56062	null	null	null
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18250	25430	AI835332	TC173781	von Hippel-Lindau binding prot	Mm.8294
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0	0	AI835587	TC201943	ets-related protein	Mm.4866
68864	60308	AI836747	TC173042	null	Mm.4537
28765	51769	AI836982	TC174535	Ki antigen	Mm.2141
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5690	12564	AI836993	TC193538	null	Mm.40061
59278	94939	AI838463	TC159871	null	Mm.27560
7198	8597	AI836057	null	null	null
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38788	41281	AF159803	null	null	null
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194390	202104	U91966	null	null	null
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1209545	485167	AF247559	null	null	null
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394759	1307158	AF198054	null	null	null
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30660	32110	AI835757	null	null	Mm.17869
19922	17757	AI835938	TC165703	null	Mm.40737
27707	21336	AI835509	TC178505	null	Mm.36089
63735	75252	AI835720	TC187795	D7H11orf15 protein	Mm.35680
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0	0	AI836752	TC190656	null	Mm.45042
12013	11504	AI836793	TC187454	null	Mm.24092
64425	58559	AI836816	TC186955	null	Mm.41791
14337	14114	AI836088	TC173402	null	Mm.41367
9715	9528	AI836764	TC201593	null	Mm.29529
53569	90980	AI836798	TC189145	null	Mm.28833
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550794	616840	U91966	null	null	null
303405	756914	AF168390	null	null	null
2154871	903768	AF247559	null	null	null
15856	19222	X56062	null	null	null
527338	1796078	AF198054	null	null	null
89104	83367	AI835484	TC173319	null	Mm.43640
235875	167552	AI835976	TC189947	DAL1P	Mm.17951
67701	89535	AI836136	TC173599	null	Mm.6118
44707	63361	AI836162	TC202416	HMG-box transcription factor	Mm.37506
5556	6077	AI836340	TC176873	AE3 protein	Mm.5053
11629	13637	AI835334	null	null	null
26796	18843	AI836143	TC161548	null	Mm.28040
131548	151946	AI836164	null	null	null
0	0	AI836748	null	null	null
179015	339656	AI836983	TC186719	ribosomal protein L30	Mm.3487
24122	27154	AI838447	TC201717	null	Mm.28316
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87371	105994	AI836953	null	null	null
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40955	64816	AI836059	TC201745	null	Mm.29895
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27129	28588	AI835705	TC176155	null	Mm.41044
42388	45059	AI835760	TC191948	null	Mm.24347
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0	0	AI835510	null	null	Mm.29627
0	0	AI835721	null	null	Mm.42077
703738	640792	AI835905	null	null	Mm.42638
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0	0	AI836082	TC202678	null	Mm.29630
238762	366848	AI836753	null	null	null
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37549	53257	X56062	null	null	null
759366	2466530	AF198054	null	null	null
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654192	945180	AI836137	TC173068	M2-type pyruvate kinase	Mm.2635
26988	65598	AI835583	TC159876	glutamine synthetase	Mm.2338
9327	7188	AI838351	null	null	null
18343	24756	AI835979	null	null	Mm.1776
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34090	33152	AI836947	null	null	null
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13978	16264	AI838452	TC201182	ral-A	Mm.27348
59606	52088	AI836006	TC158971	null	Mm.8688
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33712	42628	AI835706	TC201989	contains transmembrane (TM) re	Mm.24571
22295	30718	AI835761	null	null	null
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216752	372579	AI835911	TC199968	null	Mm.21953
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69577	129393	AI836755	TC159640	eukaryotic translocation facto	Mm.16317
14870	14948	AI836795	null	null	Mm.39521
19982	25112	AI836818	TC200150	null	Mm.29844
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43844	69062	AI835981	TC187187	null	Mm.30099
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13115	20723	AI837003	TC175782	beta-1,4-galactosyltransferase	Mm.26693
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581797	1815850	AF198054	null	null	null
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237736	420416	AI835709	null	null	Mm.265
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35466	51747	AI835913	TC196239	null	Mm.40052
81264	75444	AI835955	TC174718	ubiquitin-specific processing	Mm.40986
32708	33842	AI836084	TC188167	null	Mm.29784
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55223	50819	AI840321	null	null	null
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36781	35135	AI836990	TC187650	pituitary tumor transforming g	Mm.6856
0	0	AI838456	TC162212	null	Mm.40079
22583	27333	AI836009	TC204230	neurofilament protein	Mm.2034
0	0	AI836958	TC187819	null	Mm.29081
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861563	2280696	AF198054	null	null	null
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233115	374374	AI835767	TC200202	NIPI-like protein	Mm.22776
101343	91687	AI835944	TC187680	acetyl-CoA transporter	Mm.25121
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7315	11701	AI836387	TC174810	spermatogenic-specific proenke	Mm.2899
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109461	112207	AI838136	null	null	null
3644	11399	AI838192	TC160870	Dkk-3 protein	Mm.21894
42588	91089	AI838826	TC173073	16S ribosomal protein	Mm.702
15274	29823	AI838085	TC158998	RHOB	Mm.687
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194693	161613	AI838715	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
67025	44997	AI838755	TC191075	null	Mm.25609
9385	17169	AI841625	TC174867	phosphorylated adaptor for RNA	Mm.41669
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15828	9398	AI838013	null	null	Mm.39531
29036	25043	AI837402	TC161226	neuroserpin	Mm.41560
37377	52936	AI838254	TC187693	translocase of inner mitochond	Mm.34791
16624	20182	AI838296	TC174577	null	Mm.28855
39992	39935	AI838343	TC195213	null	null
44828	75952	AI838592	TC159096	null	Mm.28095
127497	201949	AI838261	TC186476	null	Mm.21724
15168	28172	AI838311	TC187272	type IV collagenase	Mm.29564
61777	86790	AI838564	null	null	Mm.39137
0	0	AI838606	TC162848	glycine transporter	Mm.2834
15677	18831	AI841682	TC163588	null	Mm.19146
221803	375132	AI839135	TC200237	X box binding protein-1; XBP-1	Mm.22718
47093	45900	AI839178	TC166545	S-antigen	Mm.1276
14795	18498	AI840485	TC177273	null	Mm.40425
365905	310473	AI839103	TC174957	NAD(+)-dependent 15-hydroxypro	Mm.18832
49029	61096	AI839142	TC186827	mitogen-activated protein kin	Mm.1700
39331	54718	AI840442	TC175909	null	Mm.29219
12544	14917	AI840494	null	null	Mm.2632
29061	41227	AI836639	TC200894	null	Mm.29120
31417	33781	AI836681	TC176468	null	Mm.32956
0	0	AI836392	TC189570	null	Mm.40384
176677	314172	AI836869	TC186467	insulinoma protein (rig)	Mm.643
0	0	AI836649	TC175232	hippocalcin	Mm.43587
16398	18724	AI836688	TC200002	null	Mm.60101
14417	20538	AI836406	TC160677	null	Mm.23918
0	0	AI837043	TC205342	null	Mm.44122
57062	124246	AI838819	TC158206	p160 myb-binding protein	Mm.6805
14515	16937	AI838070	TC189354	protein tyrosine phosphatase p	null
148260	153326	AI838140	null	null	Mm.39778
16106	22049	AI838196	TC162856	null	Mm.10088
5514	6654	AI839483	null	null	null
19524	27695	AI838088	TC167066	null	Mm.39131
0	0	AI838153	TC163908	null	Mm.41615
0	0	AI838208	TC203688	null	Mm.41330
13144	8696	AI838958	TC189388	null	Mm.41441
0	0	AI838716	TC208356	null	Mm.41610

318482	198283	AI838757	TC201555	null	Mm.21108
26970	44567	AI841630	TC200437	null	Mm.25316
7189	8346	AI838970	TC174570	DAN	Mm.9404
0	0	AI838725	null	null	Mm.39138
10144	8005	AI838767	TC203297	alpha-1B adrenergic receptor	Mm.39086
16379	21258	AI841643	TC203182	null	Mm.28380
165153	207994	AI837827	TC173275	deoxyribonuclease I	Mm.38470
0	0	AI837873	null	null	null
0	0	AI838001	TC202049	null	Mm.30167
0	0	AI837391	TC174580	AZ2	Mm.2179
198047	235975	AI837837	null	null	null
8491	9963	AI837880	null	null	null
0	0	AI838014	null	null	null
0	0	AI837405	TC190759	null	Mm.40720
126265	225528	AI838255	TC157610	CCT (chaperonin containing TCP	Mm.398
0	0	AI838297	TC200167	fibromodulin	Mm.41573
16387	25436	AI838344	TC200726	null	Mm.28595
62859	39442	AI838594	TC161574	null	Mm.41583
45954	45898	AI838262	TC159034	null	Mm.41853
148117	315660	AI838312	TC159930	decorin	Mm.1987
32303	29384	AI838566	null	null	null
28984	127339	AI838607	TC200406	thrombospondin 1	Mm.4159
21581	24732	AI841683	TC177045	null	Mm.40316
0	0	AI839136	null	null	Mm.40409
11950	11520	AI839180	null	null	null
28909	32120	AI840476	TC177454	null	Mm.23988
47709	80946	AI839109	TC175178	null	Mm.27740
25332	35231	AI839143	TC173385	Supl15h	Mm.29387
40660	46525	AI840445	TC175208	null	Mm.27936
6817	10354	AI840496	TC201727	null	Mm.18635
0	0	AI836640	TC166358	null	Mm.26805
7525	7534	AI836682	TC182971	null	null
0	0	AI836396	TC174872	PTP 35 protein	Mm.2902
237339	386980	AI837037	TC202557	null	Mm.36776
32741	40577	AI836651	TC157694	GDP-dissociation inhibitor	Mm.28084
51393	71573	AI836690	TC202893	null	Mm.34449
15726	25646	AI836408	TC189033	null	Mm.5018
119729	110949	AI837045	TC200540	null	Mm.29683
248035	286383	AI838820	null	null	Mm.40082
0	0	AI838071	TC203265	null	Mm.28145
15449	13580	AI838141	null	null	Mm.40074
0	0	AI838200	TC190949	null	Mm.39863
0	0	AI842055	TC176459	null	Mm.41237
595327	804761	AI838089	TC173091	mtprd	Mm.3679
43706	57318	AI838154	TC201144	p70 s6k, p85 s6k	Mm.34490
0	0	AI838209	TC176276	null	Mm.29558
368187	406167	AI838959	null	null	Mm.16537
16470	19715	AI838717	TC189514	null	Mm.37976
66269	69707	AI838759	TC158352	CRIP1 protein	Mm.21149
35072	46751	AI841632	TC176502	null	Mm.39565
41280	68672	AI838971	TC159955	signal recognition particle su	Mm.850

254876	280009	AI838727	null	null	Mm.39539
35691	36478	AI838771	null	null	null
217499	445944	AI841644	TC159762	G protein beta subunit like	Mm.5305
345559	359077	AI837828	null	null	null
0	0	AI837874	TC159976	adenylate kinase isozyme 2	Mm.29460
18688	17593	AI838002	TC161720	myosin	Mm.3153
24345	31365	AI837394	TC174047	null	Mm.29432
0	0	AI837840	null	null	Mm.42347
176615	318794	AI837881	null	null	null
28468	33967	AI838016	TC202873	null	Mm.33179
23646	19476	AI837407	null	null	null
30695	45533	AI838257	TC189333	null	Mm.24786
291168	473312	AI838299	null	null	Mm.42642
120045	141643	AI838345	null	null	Mm.40403
67006	89984	AI838596	TC199953	null	Mm.25154
9990	12677	AI838265	null	null	Mm.29938
27062	38176	AI838314	TC160709	stat5b	Mm.41404
21970	27270	AI838567	TC204684	null	Mm.40638
84748	59713	AI838612	TC173852	glutathione S-transferase (EC	Mm.14601
0	0	AI841684	null	null	null
164885	210617	AI839138	null	null	Mm.5293
14235	15036	AI839182	TC175426	null	Mm.26196
20274	30903	AI840486	TC176725	null	Mm.29329
12212	13090	AI839110	TC174919	ATP-binding cassette protein	Mm.20845
243942	425203	AI839148	null	null	null
15872	20929	AI840446	TC161259	SCHIP-1	Mm.24059
0	0	AI840497	TC161715	null	Mm.21299
10906	7095	AI836641	TC186518	null	Mm.21966
0	0	AI836684	TC202547	null	Mm.28994
91954	160315	AI836397	TC200412	NIX	Mm.29820
430494	652624	AI837039	null	null	null
603421	873034	AI836652	TC157212	null	Mm.235
18077	19965	AI836351	TC178043	null	Mm.40746
0	0	AI836413	TC190329	null	Mm.22788
28700	55691	AI836870	TC204167	null	Mm.31523
109449	122739	AI838821	null	null	Mm.40405
17989	20951	AI838074	TC176499	null	Mm.68827
21126	27817	AI838142	TC201107	null	Mm.44853
13087	19090	AI838202	null	null	Mm.42790
0	0	AI839485	null	null	null
26176	28189	AI838093	TC162955	chordin	Mm.20457
22936	27742	AI838156	TC162649	carbonic anhydrase-related pol	Mm.1336
70455	78628	AI838210	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
31187	34990	AI838964	TC202274	syntrophin-1	Mm.1541
15526	18383	AI838719	TC179752	null	Mm.39326
48329	57416	AI838760	TC174549	WW-domain binding protein 1	Mm.1109
20790	32670	AI841633	TC204700	null	Mm.41311
0	0	AI838973	TC201547	cellular retinoic acid-binding	Mm.4757
563508	1098412	AI838730	TC199996	null	Mm.5290
20537	31033	AI838772	TC189140	null	Mm.23917
15755	28841	AI841645	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934

152602	253550	AI837829	TC201177	null	Mm.3037
0	0	AI837875	TC187647	null	Mm.6225
0	0	AI838003	TC202659	potassium channel protein-1 (A	Mm.2493
402545	389301	AI837396	null	null	Mm.39320
49269	98838	AI837846	TC160724	null	Mm.39472
312439	556411	AI837886	TC160560	RNAse L inhibitor	Mm.5831
8540	13834	AI838019	TC210106	null	Mm.44748
312695	352930	AI837409	null	null	null
45513	46255	AI838258	TC189131	null	Mm.46356
24819	26182	AI838301	TC205627	null	null
86214	81387	AI838561	null	null	null
18740	25403	AI838599	TC180849	null	Mm.37446
0	0	AI838267	TC159713	myosin heavy chain	Mm.2780
0	0	AI838320	TC174854	null	Mm.4467
27693	39125	AI838568	TC189386	null	Mm.30033
281917	449452	AI838613	TC187416	tumor-associated membrane prot	Mm.30024
23682	39445	AI841688	TC204501	null	Mm.33663
26120	36249	AI839139	TC201183	septin-like protein Sint1	Mm.38450
342841	561319	AI839184	TC173296	null	Mm.11204
68984	90668	AI840487	TC190918	null	Mm.14864
43869	82632	AI839112	null	null	Mm.39543
13969	51910	AI839149	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
47327	20470	AI840448	TC161118	null	Mm.41713
22019	32311	AI840499	TC162677	null	Mm.29543
12391	14369	AI836642	null	null	Mm.39769
0	0	AI836685	null	null	null
161201	136756	AI836400	TC173287	B/HLH/Z protein	Mm.3931
18784	19612	AI837040	TC179959	null	null
67912	75763	AI836654	TC160050	null	Mm.21156
43512	61706	AI836352	null	null	null
30070	50426	AI836414	TC190363	null	Mm.29370
21077	37092	AI837046	null	null	Mm.39319
0	0	AI838822	TC177078	cholesterol 24-hydroxylase	Mm.41911
0	0	AI838077	TC200827	null	Mm.28605
123807	134406	AI838149	TC200813	null	Mm.18972
0	0	AI838204	TC174212	null	Mm.22597
0	0	AI838036	null	null	null
4549	3736	AI838094	TC163914	null	Mm.5935
0	0	AI838161	null	null	null
117314	159540	AI838212	TC159770	14-3-3 epsilon	Mm.42972
93460	90062	AI838965	TC187150	early response protein	Mm.18625
127462	161072	AI838721	TC173737	Ring3	Mm.3444
16437	23141	AI838761	TC189594	null	Mm.41681
34905	35574	AI841636	TC202188	null	Mm.41451
50771	71462	AI838975	TC173933	centrin	Mm.12481
122043	139052	AI838731	TC158872	null	Mm.27362
57910	51544	AI838773	TC190041	null	Mm.34087
38555	66727	AI841650	TC202074	unnamed protein product	Mm.45497
100688	126960	AI837830	TC176157	null	Mm.21897
40883	49025	AI837876	TC201954	null	Mm.10704
268503	243241	AI838008	TC160927	null	Mm.29256

13659	14862	AI837397	TC178510	null	Mm.39749
40825	64654	AI837847	null	null	Mm.40072
11439	11310	AI837888	TC174566	null	Mm.9638
14151	17701	AI838022	TC158458	null	Mm.8612
0	0	AI837410	TC160654	null	Mm.29987
0	0	AI838259	TC208353	null	Mm.39779
201756	242383	AI838302	TC160026	tetraspanin membrane protein C	Mm.4426
110848	100361	AI838562	TC175183	null	Mm.5383
85205	108058	AI838600	null	null	null
32134	51356	AI838269	TC202109	null	Mm.34475
124012	183265	AI838321	TC200135	CCTeta, eta subunit of the cha	Mm.914
90791	76657	AI838570	TC159652	dodecenoyl-CoA delta-isomeras	Mm.35833
8175	13871	AI838614	TC186388	5' ORF	Mm.14802
13938	29643	AI841689	TC188100	null	Mm.29658
19385	21841	AI839140	TC173931	null	Mm.68808
76311	102654	AI840437	null	null	Mm.20847
0	0	AI840489	TC186416	type II keratin subunit protei	Mm.14245
363690	450518	AI839113	TC173815	null	Mm.4024
28941	50815	AI839150	null	null	Mm.29140
84598	170352	AI840449	TC187038	Sm-D autoantigen	Mm.603
15186	10098	AI840501	TC188417	null	Mm.13036
15830	23804	AI836647	TC162021	null	Mm.25445
375903	371319	AI836686	TC173614	null	Mm.21684
20672	18828	AI836402	TC159520	SOCS box-containing WD protein	Mm.28489
7875	18177	AI837041	TC164833	null	null
0	0	AI836656	TC188971	palmitoyl-protein thioesterase	Mm.34197
40273	42396	AI836357	null	null	Mm.40382
58924	97796	AI836415	TC175249	Dutt1 protein	Mm.20832
48040	43701	AI837049	TC161732	null	Mm.28925
18083	21682	AI838823	TC179131	null	Mm.39486
49686	56841	AI838078	TC200952	null	Mm.34750
11637	11283	AI838150	TC188743	null	Mm.6825
18436	11671	AI838206	TC201921	null	Mm.5264
8388	6910	AI838037	TC190096	null	Mm.30825
11255	13309	AI838097	TC193035	null	null
0	0	AI838162	TC161411	null	Mm.28798
29956	29317	AI838213	TC201905	null	Mm.7196
26472	24117	AI838968	TC173560	Ah receptor-interacting protei	Mm.10433
18967	24055	AI838722	TC205220	XPAC protein	Mm.4049
45909	304896	AI838762	TC159657	beta-1-globin	Mm.2329
37243	44522	AI841640	TC173992	enolase	Mm.29994
184067	142400	AI838976	TC175621	null	Mm.57467
61035	55611	AI838732	TC200340	EAT/MCL-1	Mm.1639
158119	155084	AI838774	null	null	Mm.42565
0	0	AI841652	TC193109	null	null
212561	191848	AI837833	TC189972	zinc finger protein 95	Mm.26528
22565	23622	AI837877	TC189679	null	Mm.30737
23190	22541	AI838012	TC200886	null	null
432925	462010	AI837400	TC173579	E214K	Mm.1920
0	0	AI837848	TC204053	null	Mm.41605
39883	28661	AI837959	TC201738	M-CSF-induced cysteine proteas	Mm.43920

0	0	AI838024	TC202576	p40 seven-transmembrane-domain	Mm.20522
376872	332583	AI837417	TC160747	null	Mm.5293
22480	19640	AI838260	TC162900	U2 small nuclear ribonucleotei	Mm.14286
37899	56569	AI838304	TC200264	HMG-14 (AA 1-96)	Mm.2756
113695	121586	AI838563	null	null	Mm.40765
20265	16139	AI838603	TC202234	null	Mm.40623
20524	15100	AI838270	TC195140	null	null
42050	54586	AI838322	TC175399	beta chemokine Exodus-2	Mm.15780
59582	58376	AI838571	TC180555	null	Mm.39102
22120	35815	AI838622	TC161556	null	Mm.30658
30589	47601	AI841690	TC202180	ion channel homolog RIC	Mm.1870
8872	7050	AI839141	TC184980	null	Mm.40771
24925	66818	AI840441	TC175812	secretogranin III	Mm.2386
28134	15126	AI840492	TC189912	MHC class II alpha chain	Mm.116
149950	194180	AI839114	TC160413	unknown	Mm.9846
27289	9450	AI839151	TC196359	null	Mm.40772
129440	112907	AI840450	TC160651	null	Mm.27213
63832	52263	AI840510	null	null	null
0	0	AI839691	TC204377	D3Mm3e	Mm.45552
53721	42321	AI839811	TC200166	cAMP-dependent protein kinase	Mm.30039
0	0	AI839790	TC187611	null	Mm.29372
48282	58690	AI839601	TC160544	null	Mm.28017
2204541	2260178	AI840046	TC175290	null	Mm.41862
43291	43654	AI839826	TC160422	ALG-2	Mm.24254
50780	49459	AI839561	TC160977	vacuolar adenosine triphosphat	Mm.20476
17826	21507	AI839615	TC203243	potassium channel Kv4.2	Mm.5302
28310	50623	AI840843	TC173715	tetracycline transporter-like	Mm.3792
13327	16067	AI837100	TC174264	CD83 antigen	Mm.1633
0	0	AI837161	TC194621	null	null
26154	44054	AI837222	TC159051	ubiquitin fusion-degradation 1	Mm.1830
32686	47873	AI840862	TC187487	sid2895p	Mm.43760
11146	23177	AI837116	TC203150	null	Mm.23723
14927	16877	AI837185	null	null	null
16369	21228	AI837233	TC161128	null	Mm.29131
63284	94372	AI841062	TC176755	null	Mm.30800
18615	20456	AI840531	null	null	null
44714	53275	AI840584	TC160946	null	Mm.33439
0	0	AI840637	TC202816	null	Mm.41802
0	0	AI841002	null	null	null
36720	57988	AI840549	TC157209	TI-225	Mm.331
0	0	AI840594	TC175375	null	Mm.27139
34621	34502	AI840653	TC188269	null	Mm.26504
569075	548175	AI839977	TC186851	Ndr1 related protein Ndr2	Mm.26722
0	0	AI840240	TC162571	I47	Mm.4884
32623	34680	AI840291	TC178820	null	null
56438	130179	AI840024	TC160696	apolipoprotein D	Mm.2082
1248746	1418044	AI839993	TC161523	null	Mm.39288
147504	175488	AI840258	TC159684	synapsin Ib	Mm.20936
56446	63552	AI841943	null	null	null
50193	49515	AI840033	TC160281	null	Mm.22338
138453	207363	AI837312	TC201848	null	Mm.21163

390250	345976	AI837594	TC173250	ATP synthase b chain homolog	Mm.30112
97358	106004	AI837636	TC191141	null	Mm.41162
23936	33281	AI839204	TC210030	null	Mm.44124
74841	84872	AI837320	null	null	null
0	0	AI837601	TC204400	null	Mm.32602
25019	35193	AI837643	TC201165	null	Mm.27918
0	0	AI839221	TC175606	cyclin-dependent kinase 5	Mm.4818
91564	88790	AI840678	TC162507	null	Mm.10022
85426	93386	AI840713	TC175583	unnamed protein product	Mm.5324
19079	26168	AI834788	TC161040	null	Mm.34471
672376	881928	AI841166	null	null	Mm.40431
0	0	AI840686	TC189796	mGLT-1A	Mm.2861
112747	114354	AI840721	null	null	null
33777	48664	AI834826	TC173091	mtprd	Mm.3679
145818	162164	AI841179	TC164681	null	Mm.41235
25125	22046	AI839696	TC189309	binding protein	Mm.4234
152803	159503	AI839815	null	null	null
7873	4929	AI839791	null	null	null
0	0	AI839604	null	null	Mm.40090
10608	9276	AI839703	TC189357	null	Mm.32183
0	0	AI839827	TC189415	null	Mm.41928
88607	137390	AI839563	TC160223	regulated secretory protein-23	Mm.17403
0	0	AI839621	TC186843	14-3-3 protein gamma	Mm.29717
76426	80338	AI840849	null	null	Mm.39799
21451	43653	AI837102	TC200055	receptor-like tyrosine kinase;	Mm.5021
16102	18315	AI837166	TC203084	null	Mm.41942
21264	30258	AI837224	TC204923	null	Mm.35013
52974	71196	AI840863	null	null	Mm.39800
69209	143097	AI837119	null	null	Mm.7277
1362861	1481450	AI837188	null	null	Mm.39774
50022	50787	AI837234	null	null	Mm.40391
0	0	AI841064	null	null	Mm.39349
43595	63129	AI840534	TC191113	null	Mm.29246
9730	16448	AI840585	TC202401	null	Mm.491
22718	24981	AI840642	null	null	null
0	0	AI841003	TC175162	unnamed protein product	Mm.29337
16787	21411	AI840551	TC204234	null	Mm.41468
0	0	AI840597	TC164643	null	Mm.39785
13614	23731	AI840655	TC176435	null	Mm.29307
45165	52716	AI839979	TC180145	null	Mm.23370
1570917	1482563	AI840241	null	null	Mm.40097
1052843	1120937	AI840292	TC160894	unnamed protein product	Mm.18818
101598	123982	AI840025	TC159707	SPARC (aa 1-302)	Mm.35439
201357	296577	AI839994	TC160766	null	Mm.27737
125432	240131	AI840259	TC173059	unnamed protein product	Mm.4271
616528	707214	AI841944	TC163067	protein kinase C zeta	Mm.28561
789013	843672	AI841978	TC158249	calpain small subunit	Mm.6534
122097	115465	AI837313	TC201454	null	Mm.24582
9486	15365	AI837595	null	null	Mm.9859
37225	76150	AI837637	TC161532	null	Mm.198
14376	27247	AI839208	TC173879	null	Mm.41260

0	0	AI837321	null	null	null
129089	139307	AI837602	null	null	Mm.40067
53740	71560	AI837644	TC175657	null	Mm.41881
37521	47447	AI839222	TC175737	null	Mm.41603
61233	106445	AI840680	TC191249	null	Mm.31671
74397	88401	AI840714	null	null	Mm.39344
0	0	AI834789	null	null	null
33619	64968	AI841173	TC200563	p116Rip	Mm.2402
12911	11486	AI840687	TC205462	null	Mm.3055
59785	68361	AI840722	null	null	null
48908	45666	AI834829	TC177103	unnamed protein product	null
158600	187605	AI841180	TC176389	null	Mm.23932
9862	14866	AI839700	TC202552	null	Mm.39546
48286	53817	AI839818	null	null	Mm.39340
28242	32334	AI839792	TC205208	null	Mm.39341
139497	129620	AI839605	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
17957	13523	AI839704	TC159542	myelin basic protein	Mm.2992
22594	25335	AI839833	null	null	Mm.29284
9538	14036	AI839566	TC202172	null	Mm.41206
20628	34650	AI839623	TC204778	null	Mm.25837
96524	100200	AI840852	null	null	null
41279	79500	AI837103	TC176673	null	Mm.40673
0	0	AI837167	null	null	null
13001	17249	AI837225	null	null	Mm.39775
141874	130692	AI840864	TC193540	null	Mm.40108
42752	36216	AI837122	null	null	null
95146	108063	AI837194	TC189381	null	Mm.2446
70400	64829	AI837235	TC160238	DnaJ-like protein	Mm.27897
493498	445409	AI841066	TC160238	DnaJ-like protein	Mm.27897
43520	55725	AI840537	TC200328	OB-cadherin-1	Mm.4525
62258	54126	AI840588	TC166255	glutamate receptor channel sub	Mm.39090
15110	18066	AI840646	null	null	Mm.43940
36290	48112	AI841009	null	null	null
112395	189936	AI840555	TC175805	GARP45	Mm.20450
35762	60747	AI840598	TC188615	null	Mm.21793
77609	87561	AI840656	TC194516	noggin gene	Mm.39094
118626	158483	AI839986	null	null	Mm.40267
209928	230916	AI840245	TC204440	null	Mm.38171
116415	192202	AI840295	TC174517	protein 4.1	Mm.30038
45279	60434	AI840028	TC202369	ganglioside-induced differenti	Mm.22080
25933	29916	AI839995	TC201481	null	Mm.29007
42111	67757	AI840260	TC203335	null	Mm.21171
110435	119951	AI841946	TC186580	null	Mm.5612
0	0	AI841979	TC182824	null	null
369246	485298	AI837314	TC186483	rab7	Mm.4268
10246	15861	AI837596	TC187726	ARP-1	Mm.16519
14099	22356	AI837638	TC201927	CAAT-box DNA binding protein s	Mm.4929
15036	21935	AI839209	TC164731	null	Mm.39328
0	0	AI837322	TC174587	null	Mm.22524
4673	8850	AI837604	null	null	Mm.57465
89779	87704	AI837645	null	null	Mm.40396

226730	203954	AI839225	TC160293	null	Mm.34832
0	0	AI840682	TC163112	myelin/oligodendrocyte glycopr	Mm.2596
31636	43567	AI840715	TC160146	MSS1	Mm.2462
50244	70260	AI834790	TC200256	thymic dendritic cell-derived	Mm.24847
45343	78641	AI841174	TC187046	kinesin light chain 1	Mm.20354
94252	131478	AI840688	TC160043	transketolase	Mm.9307
13305	21277	AI834813	TC158611	null	null
34307	34206	AI834833	TC175903	null	Mm.21286
39957	34037	AI841184	null	null	null
0	0	AI839701	null	null	null
43261	57929	AI839819	TC175285	hypothetical protein	Mm.30006
87209	110843	AI839794	null	null	null
3748	2980	AI839607	TC171903	null	null
0	0	AI839707	TC161098	null	Mm.41678
78488	90240	AI839834	TC173858	heat shock protein	Mm.30370
8436	13741	AI839567	TC187083	null	Mm.20949
281819	321743	AI839946	TC158355	null	Mm.30043
19165	21341	AI840857	null	null	null
50278	91656	AI837104	TC186481	Stat3B	Mm.3948
7780	10365	AI837170	TC164074	Ten-m2	Mm.40599
32159	44680	AI837226	TC187888	null	Mm.28486
502165	611489	AI840865	TC186932	Tapa-1 protein	Mm.806
64363	119843	AI837124	TC177208	null	Mm.10367
167856	295434	AI837206	TC159551	prothymosin alpha	Mm.19187
74513	93707	AI837238	TC189332	null	Mm.41664
58366	59504	AI840999	TC176565	null	Mm.46774
52608	102287	AI840541	TC174903	null	Mm.3460
17033	30257	AI840590	TC203459	transcription elongation facto	Mm.24245
16967	14215	AI840647	TC174100	oxysterol-binding protein	Mm.18502
128990	149533	AI841010	TC173807	APRT	Mm.1786
2694034	2830076	AI840556	null	null	Mm.40104
30940	35665	AI840599	TC192191	null	null
188009	238920	AI840657	TC200305	partial homology to cytochrome	Mm.30072
43686	51089	AI839987	null	null	null
43569	68546	AI840252	TC177190	null	Mm.41879
50843	50849	AI840296	null	null	null
95639	156263	AI840030	null	null	null
78726	78753	AI839996	TC157958	Rap2 interacting protein 8	Mm.2560
245377	190258	AI840261	TC202089	null	Mm.9893
277059	802249	AI841954	TC162081	null	Mm.38924
20613	26959	AI840035	TC188173	null	Mm.28024
7527	9525	AI837315	TC192799	null	null
167126	517014	AI837598	null	null	Mm.19121
9363	12854	AI837639	null	null	null
44099	76992	AI839212	TC174558	null	Mm.219
91888	88703	AI837324	TC176047	null	Mm.27924
68205	87900	AI837607	TC203717	null	Mm.40283
0	0	AI837646	TC189904	guanine nucleotide exchange fa	Mm.539
10105	8417	AI839226	TC159420	perinuclear binding protein	Mm.37214
116729	94731	AI840683	TC173784	LIS	Mm.64447
23874	21994	AI840716	null	null	Mm.18630

23014	23294	AI834794	TC212069	null	null
0	0	AI841176	null	null	null
169350	160126	AI840689	null	null	Mm.42351
83794	85744	AI834815	TC175422	null	Mm.22218
23454	27606	AI834834	TC191448	unnamed protein product	Mm.40658
35073	55623	AI841186	TC188720	null	Mm.20415
39826	30921	AI840044	TC202197	null	Mm.38272
58034	74031	AI839821	TC160991	ARF2	Mm.5061
23089	36425	AI839555	TC160385	null	Mm.29436
14840	18142	AI839611	TC161688	null	Mm.3154
0	0	AI839715	TC162238	null	Mm.41540
76754	91953	AI839761	TC186547	GTP-binding protein	Mm.21905
24927	23573	AI839569	TC200600	cullin 3	Mm.17837
20434	18519	AI839950	TC160492	skeletal muscle LIM protein	Mm.3126
126332	118927	AI840858	null	null	null
0	0	AI837106	TC157231	ENO2	Mm.3913
21412	22769	AI837175	TC203603	null	Mm.41220
0	0	AI837227	TC191484	protein kinase C gamma	Mm.7980
9752	10270	AI840866	TC187325	null	Mm.30585
30139	46560	AI837125	TC189544	null	Mm.24586
39394	58872	AI837210	TC189090	null	Mm.29059
48745	57620	AI837240	TC174317	null	Mm.29058
52466	71611	AI841000	TC160632	cullin 1	Mm.21771
409981	661596	AI840542	null	null	Mm.40103
54251	58859	AI840591	TC163327	semaphorin subclass 4 member G	Mm.34404
65588	83925	AI840648	TC158649	peripheral benzodiazepine rec	null
386895	539323	AI841014	TC200044	unknown	Mm.17446
45447	44316	AI840559	null	null	null
34830	45137	AI840601	TC160163	null	Mm.42956
875303	1705332	AI840661	TC159640	eukaryotic translocation facto	Mm.16317
2391976	1787604	AI839988	TC173200	null	Mm.2140
755862	641916	AI840254	TC173541	null	Mm.353
101616	75926	AI841940	TC169505	null	Mm.39734
1299678	2215872	AI840031	TC199907	elongation factor 2	Mm.4968
790627	799535	AI839999	null	null	null
223584	163438	AI840263	TC173704	null	Mm.666
647092	1734726	AI841956	TC164444	null	Mm.41490
2097183	2022674	AI841981	TC187846	null	Mm.33907
30710	43052	AI837318	TC161445	ATP-binding cassette protein	Mm.21629
256123	213189	AI837599	TC200857	null	Mm.30251
64860	80178	AI837640	null	null	null
87856	130472	AI839214	TC192753	null	null
179670	177690	AI837327	TC160970	null	Mm.21749
93446	92508	AI837611	TC174894	null	Mm.25808
143446	115310	AI837647	TC200735	aspartate aminotransferase	Mm.19039
113739	107124	AI839228	TC162917	ATP receptor	Mm.25722
46477	42678	AI840684	TC177030	null	Mm.26510
21756	23911	AI840717	TC162631	null	Mm.40107
40651	31746	AI834820	TC204841	null	Mm.40684
155602	221647	AI841177	TC160684	cdc37 homolog	Mm.4117
174170	147363	AI840690	null	null	Mm.40426

17747	16893	AI834761	TC178120	null	null
155112	131291	AI834839	TC176475	T-type calcium channel alpha-1	Mm.20881
262989	255357	AI841187	null	null	null
49275	41887	AI839702	TC161646	copper chaperone for superoxid	Mm.21414
51024	54006	AI839824	TC200275	null	Mm.29348
67590	75215	AI839557	TC160161	Rab10	Mm.21985
23599	20329	AI839613	TC159542	myelin basic protein	Mm.2992
1216477	1042064	AI840047	null	null	null
113295	117282	AI839762	null	null	Mm.42501
93373	111138	AI839571	TC168882	null	Mm.44511
68004	61668	AI839951	TC174153	maleylacetoacetate isomerase	Mm.29652
14377	13091	AI840859	null	null	Mm.3080
50077	51173	AI837107	TC189143	null	Mm.22438
41064	51171	AI837181	TC163547	null	Mm.40987
34406	42493	AI837229	TC201114	null	Mm.3215
135041	182211	AI837070	TC187318	mitotic checkpoint protein BUB	Mm.26858
13270	16114	AI837127	TC164635	null	Mm.41018
11235	10308	AI837246	TC178145	null	Mm.24942
48046	58058	AI837243	TC203548	null	Mm.39126
77225	73082	AI841001	TC187801	null	Mm.21114
36823	41214	AI840545	TC176255	null	Mm.23706
200931	258390	AI840593	TC186401	null	Mm.3381
21889	23440	AI840652	TC176183	null	Mm.29832
153753	147430	AI841019	TC186401	null	Mm.3381
313016	459914	AI840560	null	null	null
294072	504240	AI840604	TC173949	alpha-tubulin isotype M-alpha-	Mm.1155
94266	99827	AI840662	TC173778	null	Mm.22277
69232	54553	AI839990	null	null	Mm.40418
2001941	1811715	AI840257	TC205031	null	Mm.12968
119914	159512	AI841941	TC173091	mtprd	Mm.3679
457607	637029	AI840032	TC159555	21 kd polypeptide	Mm.254
404918	322981	AI840001	TC186789	null	Mm.29153
111717	78989	AI840266	TC169534	null	Mm.39342
0	0	AI841957	TC175416	precursor polypeptide (AA -17	Mm.4915
95313	85936	AI840036	TC187637	null	Mm.23962
310404	203851	AI837319	TC203712	null	Mm.24309
163634	136469	AI837600	TC189461	null	Mm.2498
160499	176584	AI837642	TC200229	null	Mm.1147
14779	21336	AI839215	null	null	null
56485	63006	AI837329	TC161029	insulin-like growth factor bin	Mm.30156
12950	15668	AI837612	TC176395	null	Mm.27355
83404	192495	AI837648	TC175456	null	Mm.30532
21547	14010	AI839229	null	null	Mm.39144
728970	725119	AI840685	TC173302	P2B/LAMP-1	Mm.16716
57552	62099	AI840719	TC202129	kif1b major isoform	Mm.25569
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81663	98009	AI841178	TC173059	unnamed protein product	Mm.4271
329205	297903	AI840692	null	null	null
38879	44591	AI834762	TC182642	null	Mm.40367
33820	42618	AI834842	null	null	null
117079	159309	AI841188	TC187956	legumain	Mm.17185

0	0	AI845707	TC177398	null	Mm.39848
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12370	11645	AI842501	null	null	Mm.39820
22210	29826	AI842539	TC161798	null	Mm.41308
0	0	AI843340	TC176798	null	null
0	0	AI843384	TC174083	null	Mm.6851
21847	22636	AI842511	null	null	null
25662	31486	AI842550	TC160969	null	Mm.29570
17174	25176	AI843537	TC176780	null	Mm.39727
53161	59402	AI843605	TC188672	null	Mm.6844
4775	10668	AI843285	TC173156	DBY protein	Mm.20950
15654	19267	AI845392	TC200303	serine palmitoyltransferase LC	Mm.6505
119758	148504	AI843545	TC159412	heterogenous nuclear ribonucle	Mm.16767
118916	113687	AI843249	TC186864	null	Mm.28976
0	0	AI843292	TC196300	null	Mm.48701
11410	16648	AI845410	TC186930	null	Mm.29076
9876	17161	AI843063	TC164183	null	Mm.22339
74567	63423	AI843695	TC176081	null	Mm.17823
159508	135564	AI843741	TC186936	tetraspanin TM4-A homolog	Mm.28484
0	0	AI843113	null	null	null
83381	56972	AI843665	TC189093	null	Mm.24426
39449	58479	AI843709	TC202541	null	Mm.25142
12170	18005	AI843072	TC158836	null	Mm.35787
70891	55750	AI843123	null	null	Mm.32679
21805	30563	AI845723	TC173534	null	Mm.28039
47002	102898	AI845774	TC174451	L6 antigen	Mm.856
293496	291517	AI843449	TC201793	null	Mm.464
23799	27379	AI842592	null	null	null
127994	199271	AI845732	TC188457	null	Mm.6797
158461	202772	AI845790	TC174947	null	Mm.28944
20071	18552	AI843460	TC162077	null	Mm.40600
50141	63722	AI842605	TC200423	null	Mm.28508
1587530	1577509	AI845452	TC175472	pro-alpha2(XI) collagen	Mm.20230
61734	66556	AI845501	TC161940	s17	Mm.24250
106697	140926	AI845547	TC200865	precursor protein	Mm.22194
9081	12605	AI846754	null	null	Mm.39198
24149	26637	AI845461	TC161863	null	Mm.25613
44825	60801	AI845508	TC187102	tumor necrosis factor alpha co	Mm.27681
38208	47593	AI845559	TC188009	null	Mm.7122
135199	134349	AI846767	null	null	Mm.40845
56589	59195	AI843155	TC174521	null	Mm.28927
33892	26143	AI843196	TC177197	AT1 receptor-associated protei	Mm.46247
29239	41878	AI843237	TC161018	null	Mm.33969
434496	471405	AI843868	TC201760	null	Mm.12746
7026	11771	AI843166	null	null	null
80346	105967	AI843205	null	null	null
13677	9595	AI843842	TC190767	null	Mm.18455
13522	11769	AI843878	TC212281	null	Mm.39746
97802	130739	AI843326	TC160494	unknown	Mm.3484
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7681	9829	AI842503	TC189031	null	Mm.33480

24232	58893	AI842540	TC186940	tomoregulin-1	Mm.41772
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0	0	AI842512	null	null	null
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43027	43960	AI843538	TC206047	null	Mm.51559
75200	77348	AI843608	TC188972	null	Mm.65050
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42176	48896	AI845395	TC202748	null	Mm.23265
36174	47939	AI843581	TC205257	null	null
78494	64109	AI843250	TC162151	'alpha-2,3-sialyltransferase'	Mm.2793
22395	28119	AI843294	TC160937	null	Mm.27954
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5866	8242	AI843657	TC191481	null	null
8532	11721	AI843696	TC189536	null	Mm.40291
6403	11719	AI843742	TC174493	null	Mm.41513
18029	23761	AI843114	TC160567	null	Mm.21919
59016	67627	AI843666	TC160793	65-kDa macrophage protein	Mm.22510
20614	17969	AI843710	TC186947	null	Mm.22653
11412	19800	AI843073	TC200644	null	Mm.38391
26405	33506	AI843125	null	null	Mm.999
170751	227367	AI845725	null	null	Mm.23068
84799	54096	AI845780	null	null	null
17318	16897	AI843450	TC169440	null	Mm.39178
0	0	AI842595	TC187104	null	Mm.45424
137731	252767	AI845735	TC186776	null	Mm.18579
18550	26271	AI845791	TC164104	null	Mm.9845
30560	36634	AI843462	TC201916	null	Mm.24054
14778	19521	AI842606	TC189994	null	Mm.29654
39679	43235	AI845454	TC177529	null	Mm.44206
188342	286430	AI845502	TC186862	centrosomin B	Mm.2238
14041	10667	AI845548	TC200745	putative T1/ST2 receptor bindi	Mm.1044
21200	15760	AI846760	TC164548	null	Mm.40844
53453	98616	AI845462	TC161132	null	Mm.12775
83631	78405	AI845510	TC210714	null	Mm.39731
104376	110582	AI846726	null	null	null
11823	17546	AI846770	TC201815	null	Mm.29932
38570	27775	AI843157	TC162305	null	Mm.29952
142526	211106	AI843198	TC201021	null	Mm.28521
33624	66924	AI843238	TC159682	tight junction protein ZO-2	Mm.5293
61458	82322	AI843869	TC175941	null	Mm.27140
36645	58265	AI843167	TC161923	null	Mm.40135
48665	72157	AI843206	TC202104	null	Mm.23006
23721	23461	AI843843	TC206731	null	Mm.39367
7388	13383	AI843879	TC165134	null	Mm.64975
183454	288942	AI843327	TC187317	transmembrane protein TM9SF3	Mm.2986
62989	100586	AI843380	null	null	Mm.7883
112991	113178	AI842506	TC200017	thyroid hormone binding protei	Mm.16660
47428	91164	AI842543	null	null	Mm.29452
6484	5169	AI843342	TC200113	null	Mm.21690
51595	73189	AI843389	TC201343	null	Mm.33424

0	0	AI842513	TC169519	null	Mm.39359
14635	18254	AI842554	TC188463	null	null
41573	52808	AI843541	TC160553	transforming growth factor-be	Mm.18213
302966	354133	AI843240	TC201884	null	Mm.24163
308102	442531	AI843287	TC173767	null	Mm.30069
12129	10490	AI845397	TC210011	null	Mm.39378
85776	96817	AI843583	TC167856	null	null
127047	144880	AI843251	TC200571	rin	Mm.5163
182874	208427	AI843295	TC200556	null	Mm.28892
28543	29632	AI845416	TC159133	null	Mm.29923
41803	45268	AI843659	TC189815	MD-1	Mm.2639
31477	55526	AI843699	TC175344	islet cell autoantigen p69	Mm.3545
0	0	AI843744	TC166879	null	null
28962	29592	AI843115	TC189539	null	Mm.28220
42641	65155	AI843667	null	null	Mm.39180
43902	54183	AI843711	TC199929	mismatch-specific thymine-DNA	Mm.22103
30758	26468	AI843074	TC200789	null	Mm.27087
6832	8134	AI843126	TC165275	null	Mm.40449
35344	47918	AI845726	TC204456	null	Mm.41120
36312	23586	AI845783	TC160564	null	Mm.40014
93269	153922	AI843451	TC159640	eukaryotic translocation facto	Mm.16317
10836	16705	AI842596	TC211112	null	null
39284	44584	AI845736	null	null	Mm.39484
37180	105833	AI845798	TC175255	null	Mm.22526
13491	19131	AI843464	TC202570	protein kinase C beta-II (AA 1	Mm.4182
32814	50714	AI842607	TC186527	null	Mm.41736
22540	24000	AI845456	TC200144	alpha-actinin	Mm.29991
28973	45301	AI845504	TC161723	N-acetylgalactosamine-6-sulfat	Mm.34702
63568	111808	AI845551	TC187772	null	Mm.37700
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26750	28981	AI845463	TC174416	null	Mm.27487
27231	34172	AI845511	null	null	null
5064	7158	AI846727	TC163308	null	Mm.4182
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30761	34135	AI843158	TC157339	null	Mm.26720
50251	65800	AI843199	TC189523	null	Mm.28334
11300	7177	AI843239	TC200565	null	Mm.30503
3554	6236	AI843870	TC176524	null	Mm.41387
16196	23442	AI843168	TC188416	null	Mm.22941
3533	5861	AI843207	TC188481	null	null
135367	138091	AI843845	TC174273	null	Mm.25320
20067	36143	AI843880	TC187664	null	Mm.25126
169805	257041	AI843328	TC160966	null	Mm.28223
42070	94350	AI843381	TC187831	serine/threonine protein kinas	Mm.6645
41014	73389	AI842507	null	null	Mm.39568
14808	20589	AI842544	TC201723	null	Mm.22337
12174	14428	AI843343	TC175509	null	Mm.41133
15804	17034	AI843391	TC190771	GDNF family receptor alpha 2	Mm.41886
61861	59364	AI842515	TC187167	null	Mm.43152
11853	10911	AI842555	TC179210	null	Mm.23294
26310	42859	AI843542	TC191010	null	null

17961	24434	AI843245	TC189742	null	Mm.32810
113687	91541	AI843288	null	null	Mm.5293
54911	68898	AI845398	TC205335	null	null
27048	27363	AI843585	null	null	Mm.39573
185154	225667	AI843252	TC160613	C1 inhibitor	Mm.38888
16459	20376	AI843296	TC203829	null	Mm.2173
12981	11174	AI845421	TC196330	null	Mm.40826
45647	73840	AI843660	TC188780	null	Mm.34614
0	0	AI843702	null	null	null
6364	6520	AI843066	TC189788	null	Mm.21557
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0	0	AI843669	TC166825	null	Mm.39577
111365	127051	AI843715	null	null	Mm.40815
25032	35812	AI843077	TC177264	null	Mm.40780
113858	133646	AI843127	TC187324	huntingtin interacting protein	Mm.19751
28104	27979	AI845728	TC164784	null	null
17874	28700	AI845784	TC205840	neuralized-like protein	null
46833	64187	AI843456	TC209985	null	Mm.40813
189258	388248	AI842597	TC200430	MITF-2B protein	Mm.4269
74073	138396	AI845739	TC177866	null	Mm.25659
28510	38354	AI845802	null	null	Mm.39491
72275	90270	AI843475	TC176421	Cbfa1/Osf2 transcription facto	Mm.4509
39037	46375	AI842608	TC185161	null	null
9389	11503	AI845458	TC190392	macrophage mannose receptor pr	Mm.2019
121943	219321	AI845505	TC199917	beta-tubulin	Mm.22774
161524	304389	AI845552	null	null	Mm.16317
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370553	398124	AI845464	TC181459	null	Mm.54510
55901	117250	AI845514	TC201438	abc1	Mm.25221
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8079	5996	AI846774	null	null	Mm.46030
29381	46023	AI843159	TC161776	null	Mm.40292
49156	56772	AI843200	TC161718	cytochrome B561	Mm.40669
46829	49213	AI843837	TC176323	null	Mm.31220
20330	27329	AI843874	TC161508	null	Mm.24225
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37832	46089	AI843209	TC160345	null	Mm.25321
7508	11047	AI843846	TC202784	p85SPR	Mm.3439
45058	55105	AI843882	TC203286	null	null
9019	6833	AI843331	null	null	Mm.39177
33412	40722	AI843382	TC159967	null	Mm.24593
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163405	181939	AI845557	TC201611	ADP-ribosylation factor-like p	Mm.12723
52523	52572	AI846765	TC190830	null	Mm.41372
74650	133148	AI845471	null	null	Mm.40471
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53901	68509	AI846730	TC188553	null	Mm.44223
32293	36509	AI846776	TC163550	null	Mm.64993
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33930	37755	AI843201	null	null	null
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239258	224799	AI843172	TC175545	inositol polyphosphate 5-phosp	Mm.25777
544477	512342	AI843210	TC186897	null	Mm.28981
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87123	80856	AI842547	TC175436	null	Mm.27115
20807	19743	AI843346	TC206570	null	Mm.32666
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131310	133080	AI843300	TC161818	null	Mm.28753

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79487	46571	AI843118	TC158506	573K1.1.2 (gamma-aminobutyric	Mm.32191
13438	15665	AI843671	null	null	Mm.40142
39118	42002	AI843720	TC202121	mCASK-A	Mm.10735
47550	61082	AI843081	TC174452	null	Mm.44225
122327	158283	AI843131	TC201277	null	Mm.22428
81257	83652	AI845730	TC193179	null	Mm.41112
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116440	124042	AI842603	TC164890	null	Mm.463
538908	1022882	AI845741	TC159707	SPARC (aa 1-302)	Mm.35439
66450	75131	AI843413	TC189242	null	Mm.27876
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83846	161157	AI846766	TC187349	null	Mm.33240
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59972	73001	AI846731	TC202282	null	Mm.37932
421464	391580	AI846777	null	null	null
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50145	59050	AI843840	TC160860	null	Mm.35492
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344815	279144	AI843174	TC173114	ARL-6 interacting protein-1	Mm.29924
61861	78877	AI843214	TC202584	null	Mm.36683
122290	107912	AI843848	TC162429	phosphoinositide-dependent pro	Mm.10504
12202	15442	AI843884	TC162206	null	Mm.28032
53051	72532	AI846289	TC186658	null	Mm.41527
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100063	125758	AI846301	TC200549	null	Mm.23014
37280	47685	AI846351	TC186880	null	Mm.26597
32540	52366	AI842846	TC190430	null	Mm.37695
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0	0	AI846687	TC189622	null	Mm.34235
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64391	118439	AI846826	TC173827	null	Mm.22399
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30389	38630	AI842140	TC159768	null	Mm.30851
32372	83981	AI842165	TC157208	ubiquitin/60S ribosomal fusion	Mm.667
0	0	AI846838	TC176929	null	Mm.35325
0	0	AI847576	null	null	Mm.39862
0	0	AI834969	TC177786	null	Mm.40735

43664	75331	AI835003	TC158300	mitochondrial aspartate aminot	Mm.18916
42392	32455	AI842431	TC207564	null	null
13911	12295	AI834946	TC160359	null	Mm.35753
37219	41046	AI834976	TC174790	null	Mm.28885
13723	23879	AI835009	TC191457	null	Mm.63733
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0	0	AI838991	TC173987	PMP68	Mm.1519
130801	153510	AI839030	TC173906	npdcf-1	Mm.1131
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159496	170278	AI839038	TC203010	null	Mm.27540
125476	157815	AI839524	TC159783	null	Mm.2795
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173059	250670	AI842479	TC173523	null	Mm.144
17487	24994	AI842331	TC186798	the third largest RNA polymera	Mm.2186
36912	40727	AI842300	TC186787	null	Mm.25634
125100	193787	AI846184	TC173485	null	Mm.29377
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33249	24278	AI842838	TC169431	null	Mm.40131
21570	29083	AI842882	TC177937	null	Mm.41030
61479	116823	AI846304	TC177303	null	Mm.6053
69343	109569	AI846352	TC202161	null	Mm.34238
16319	26839	AI842847	TC189164	reading frame IF (1 is 2nd bas	Mm.8245
0	0	AI842897	null	null	Mm.37811
114774	140083	AI846689	TC186917	Edp1 protein	Mm.29021
20020	13624	AI842136	TC186632	null	Mm.41544
50389	56474	AI842159	TC173383	null	Mm.42275
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0	0	AI846696	TC204877	null	Mm.40489
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8096	3860	AI846146	TC176433	Wrn protein	Mm.15446
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23544	35254	AI847577	TC158590	null	Mm.34708
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39204	79200	AI842432	TC161501	null	Mm.22403
137003	168494	AI834947	TC160402	cathepsin Z	Mm.115

17824	29424	AI834978	TC190253	null	Mm.33840
8159	13997	AI835010	TC200907	null	Mm.7066
12736	12173	AI842441	null	null	null
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277695	301995	AI834846	null	null	Mm.40729
363230	433066	AI839490	TC188912	null	Mm.38495
104584	137463	AI839526	TC187703	DXImx46e protein	null
12710	17486	AI839420	TC175792	null	Mm.43499
8083	9974	AI846873	null	null	null
14935	9144	AI847913	TC201260	profilin II	Mm.20399
93489	117256	AI847949	TC202158	null	Mm.29528
23638	37205	AI847207	TC200715	nucleolar protein	Mm.3716
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17926	13034	AI847957	TC177501	null	Mm.34000
24510	24073	AI847214	TC188916	null	Mm.41349
41649	100760	AI842471	TC205971	secretogranin II	Mm.5038
30025	20403	AI842323	null	null	null
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29408	36432	AI846170	TC160171	null	Mm.34701
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49344	56434	AI842301	TC191947	null	Mm.40120
76130	98213	AI846188	TC193507	null	Mm.39708
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9126	13150	AI842840	null	null	Mm.41794
22934	30710	AI842885	TC186914	null	Mm.25994
65449	74527	AI846305	TC186946	Ste20-like kinase	Mm.28761
185361	194499	AI846354	null	null	Mm.28514
20988	21214	AI842850	TC206136	null	Mm.42119
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105908	110304	AI846697	TC209990	null	Mm.40843
45937	46489	AI846131	TC163671	null	Mm.26543
21503	32099	AI846147	TC161032	beta-1,4-galactosyltransferase	Mm.6628
58370	84436	AI846844	TC200850	null	Mm.27496
50976	52474	AI834941	TC171740	null	Mm.39754
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173797	361350	AI842433	TC158956	myeloid associated differentia	Mm.29874
70395	114720	AI834948	TC174166	null	Mm.2137
101448	104383	AI834979	TC189392	null	Mm.3584
19310	34647	AI835012	TC190181	null	Mm.41425
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34267	34125	AI838993	null	null	null
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269616	348767	AI839520	TC160594	guanylate kinase	Mm.3624
111083	138705	AI839403	TC195326	integral inner nuclear membran	Mm.40774
910361	1548212	AI834847	TC187194	null	Mm.17917
24362	29158	AI839491	TC194110	null	Mm.41510
46821	65593	AI839527	TC179731	null	Mm.41831
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66447	76305	AI846874	TC174652	null	Mm.24601
74562	89947	AI847914	TC161097	BTEB3 protein	Mm.41170
7984	8691	AI847950	TC161412	null	Mm.12787
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43059	47449	AI846297	TC161949	null	Mm.31062
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8024	14900	AI846133	TC169463	null	Mm.39601
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17084	22662	AI834973	TC169315	null	Mm.39106
24101	30025	AI835006	TC203280	null	Mm.32998
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48523	49650	AI834950	TC200711	null	Mm.35822
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1437537	1336942	AI838998	TC174214	testis-specific protein kinase	Mm.10154
285323	1821326	AI839031	null	null	null
891836	921697	AI839521	null	null	Mm.40414

33748	47972	AI839411	null	null	Mm.39148
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72576	96185	AI846877	TC160234	null	Mm.20216
26667	24503	AI847915	TC174702	null	Mm.31380
6281	6457	AI847951	TC173399	unnamed protein product	Mm.831
22275	24272	AI847209	TC205432	null	null
27414	24404	AI846885	TC187403	null	Mm.28303
48062	52186	AI847929	TC192085	null	Mm.44099
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50009	69476	AI842325	TC186900	HS1-associating protein	Mm.7401
45501	55185	AI842296	TC202575	null	Mm.29597
274328	230463	AI846176	TC158218	MHC H2-TL-T17-c	Mm.33263
104526	123960	AI842483	TC179282	null	null
37531	53196	AI842334	TC187268	null	Mm.31076
0	0	AI842303	TC174837	T-cadherin	Mm.24700
7689	8831	AI846191	TC162314	protein kinase	Mm.9287
21973	31651	AI846298	null	null	Mm.40836
95819	98903	AI846347	TC159968	null	Mm.24593
26702	32789	AI842842	TC161092	null	Mm.33951
102532	104422	AI842889	TC173886	null	Mm.3479
21690	21492	AI846312	null	null	Mm.186
24905	17899	AI846359	TC161058	cAMP-responsive element modula	Mm.5244
40113	55731	AI842855	TC202700	null	Mm.39290
53524	31686	AI842900	TC175318	null	Mm.41279
80232	99488	AI846693	TC158383	null	Mm.28000
46204	72086	AI846126	TC188870	null	Mm.22258
0	0	AI842163	null	null	Mm.4440
54842	55811	AI846835	TC187139	protein carboxyl methyltransfe	Mm.25293
311617	235672	AI846704	TC200361	glutathione-S-transferase homo	Mm.282
83704	89085	AI842141	TC200196	ERG-associated protein ESET	Mm.30196
147488	221068	AI842166	null	null	Mm.42356
16285	19813	AI846848	TC161613	null	Mm.28904
36471	50115	AI834944	TC203541	null	Mm.39987
13724	20369	AI834974	TC188582	null	Mm.41715
55089	53501	AI835007	TC200601	null	Mm.24201
15782	15173	AI842435	TC174730	null	Mm.34489
37875	42389	AI834952	TC163546	null	Mm.39105
26499	24137	AI834981	TC206522	null	Mm.39479
34114	45850	AI835015	TC190762	null	Mm.41022
30670	35200	AI842444	TC160675	tyrosylprotein sulfotransferas	Mm.14239
65034	59748	AI838999	null	null	null
25365	26483	AI834857	null	null	Mm.2632
102744	174936	AI839522	TC202516	null	Mm.4022
143054	150242	AI839412	TC159456	stearoyl-CoA desaturase 2	Mm.298
55148	56082	AI834848	null	null	Mm.39305
33095	36736	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261

47851	52481	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
112764	117063	AI839437	TC202458	Dgcr6 protein	Mm.27155
17531	13069	AI846878	TC189519	null	Mm.27325
34542	44756	AI847917	TC165132	null	Mm.29663
34038	35937	AI847952	TC205619	null	Mm.31421
0	0	AI847211	TC173077	PW29	Mm.164
17553	19485	AI846886	TC196318	null	Mm.40847
50625	68215	AI847921	TC160192	glycerophosphate dehydrogenase	Mm.10669
9588	12856	AI847963	TC192257	null	Mm.40506
374263	279988	AI847223	TC176169	semaphorin Y	Mm.23662
0	0	AI842476	TC192805	patched	null
59181	87822	AI842326	TC201952	null	Mm.22478
196357	246792	AI842297	TC186568	ras-related C3 botulinium tox	Mm.889
26680	26918	AI846181	TC162280	null	Mm.41340
0	0	AI842485	TC210069	null	Mm.42652
7664	8137	AI842339	TC190653	null	Mm.17993
22735	27980	AI842304	TC196376	null	Mm.44835
43448	59326	AI846198	TC188341	null	Mm.28232
48139	58305	AI846300	TC202802	cell cycle checkpoint protein	Mm.20947
90592	146158	AI846348	TC173751	hypoxia induced gene 1	Mm.17504
11706	14021	AI842845	TC192388	lysosomal trafficking regulato	null
17866	11540	AI842893	null	null	Mm.41996
86163	82250	AI846313	TC160748	null	Mm.4511
873162	615039	AI846363	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
14931	14895	AI842856	null	null	Mm.39361
161744	172330	AI842901	null	null	null
12820	15618	AI846694	TC189194	null	Mm.41941
97480	94011	AI842137	TC160505	null	Mm.30153
142892	196784	AI842164	TC186785	SIG41	Mm.2984
13954	15719	AI846837	TC178398	null	Mm.41839
433934	333060	AI846706	TC177211	null	Mm.44173
36451	30612	AI842144	TC202243	receptor for viral-encoded sem	Mm.39814
7731	9516	AI842167	null	null	Mm.40438
7392	12982	AI846850	null	null	null
18268	21499	AI834945	TC186452	unknown	Mm.1089
49108	42681	AI834975	TC204020	null	Mm.41633
26197	34369	AI835008	TC164651	Kruppel-related protein	Mm.40326
64571	74473	AI842437	TC175768	null	Mm.30504
93973	108480	AI834955	TC161424	TLSF-alpha precursor	Mm.465
84483	80575	AI834982	TC161156	null	Mm.26194
66947	67763	AI835016	TC177318	null	Mm.4052
50279	51908	AI842445	TC169507	null	Mm.39818
564192	487886	AI839000	null	null	Mm.43309
71546	105344	AI839034	TC161024	null	Mm.35828
23645	33525	AI839523	TC187651	ena-VASP like protein	Mm.2144
65422	88276	AI839415	TC191357	metabotropic glutamate recepto	Mm.41316
0	0	AI839005	TC202195	null	Mm.2097
504981	368973	AI839496	TC200198	null	Mm.24365
85892	105934	AI839531	TC158498	null	Mm.30928
77146	93240	AI839440	TC204380	null	Mm.39339
24410	29518	AI846881	TC162277	null	Mm.28289

14437	22084	AI847919	TC174889	null	Mm.29609
10935	10560	AI847953	TC161392	null	Mm.18728
26767	26812	AI847212	TC177173	null	Mm.30543
68817	83447	AI847897	TC162346	testis-specific gene	Mm.5030
908917	803689	AI847923	TC160643	G protein signaling regulator	Mm.28262
30895	36559	AI847965	TC161795	null	Mm.31537
104391	114032	AI847224	TC186674	MHR23B	Mm.26955
13728	15829	AI842478	TC203361	null	Mm.33092
63003	72463	AI842327	TC189511	null	Mm.28344
109354	102465	AI842299	TC201631	null	Mm.41335
42430	50240	AI846182	TC161731	huntingtin interacting protein	Mm.33797
65319	58929	AI842486	TC176946	null	Mm.41424
0	0	AI842341	TC208922	null	null
59870	69865	AI842348	TC162541	null	Mm.2917
38468	41963	AI846200	TC161065	null	Mm.27188
19681	28919	AI847670	TC162622	null	Mm.40655
14722	12841	AI847702	TC188386	apoptosis activator Mtd	Mm.3295
71573	160214	AI847067	TC158161	Nedd-4	Mm.16553
0	0	AI847104	TC161125	null	Mm.22856
18355	18148	AI847678	TC174063	null	Mm.29379
41350	50031	AI847713	TC203455	null	Mm.37488
0	0	AI847074	null	null	Mm.40494
32645	39186	AI847113	null	null	null
13632	13380	AI849530	TC176051	WD40 repeat protein	Mm.15694
0	0	AI848250	TC174724	null	Mm.28787
86586	91244	AI848277	null	null	Mm.4071
39990	53962	AI848305	TC160421	null	Mm.28077
0	0	AI848227	TC186452	unknown	Mm.1089
0	0	AI848257	TC187499	equilibrative nitrobenzylthioi	Mm.29744
0	0	AI848283	TC176318	null	Mm.25699
26403	35082	AI848667	TC163339	null	Mm.32047
26373	31624	AI849301	TC186442	ubiquitin conjugating enzyme	Mm.1570
27051	47153	AI849335	TC201219	neighbor of Punc e11 protein	Mm.40995
9834	13946	AI849371	TC174889	null	Mm.40460
63471	66619	AI848838	TC160662	null	Mm.33729
65868	53711	AI849311	TC175111	cleavage and polyadenylation s	Mm.28790
22785	35555	AI849344	TC201487	null	Mm.5293
196199	210353	AI848815	TC202306	aldo-keto reductase AKR1C13	Mm.27447
8589	16179	AI848850	TC162152	MyD118	Mm.1360
34228	38357	AI848329	TC163420	null	Mm.24120
54271	60104	AI848365	null	null	Mm.39869
31566	40959	AI848395	TC207295	null	Mm.40513
10026	7731	AI848015	TC186698	null	Mm.41729
49612	44710	AI848335	TC175411	null	Mm.24261
33105	41360	AI848372	TC162734	null	Mm.28065
155358	135073	AI847983	TC190396	plasminogen activator inhibito	Mm.5019
13954	19015	AI848028	TC177562	null	Mm.63817
28924	30640	AI848616	TC179660	null	null
16943	24427	AI848690	TC178328	voltage-sensitive calcium chan	Mm.41842
24080	30568	AI849045	TC210672	null	Mm.39621
69191	72469	AI849083	TC161483	null	Mm.28926

45474	73758	AI848628	TC201664	null	Mm.27128
112365	144206	AI848692	TC200578	alcohol dehydrogenase-B2	Mm.3874
37699	42175	AI849056	TC160176	null	Mm.253
31348	32046	AI849093	TC167694	null	Mm.40645
41013	67104	AI848881	null	null	Mm.37811
30602	28869	AI849414	TC190141	null	Mm.45976
121874	230008	AI849453	TC161157	null	Mm.27526
187447	359241	AI848978	TC161010	unnamed protein product	Mm.68455
51497	52216	AI848894	null	null	null
11575	11879	AI849425	TC190691	null	Mm.32758
83440	60063	AI848955	TC161698	null	Mm.41274
41360	55667	AI848986	TC188081	null	Mm.30221
66280	75911	AI847671	TC173614	null	Mm.38341
14081	21433	AI847705	TC175701	null	null
455957	437308	AI847068	null	null	Mm.5293
9876	13359	AI847105	null	null	null
25131	31589	AI847679	null	null	null
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0	0	AI847076	TC175210	null	Mm.23299
74848	74228	AI847114	TC201724	null	Mm.21439
25948	38154	AI849531	TC205535	null	Mm.40312
14137	15293	AI848251	null	null	Mm.40864
44721	55175	AI848278	TC158412	Cdc25a	Mm.29800
8434	16879	AI848307	TC202104	null	Mm.41481
32138	39538	AI848228	TC186962	null	Mm.28828
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70068	78953	AI848284	TC175888	seven transmembrane domain orp	Mm.22067
3907	3521	AI848669	TC205425	null	Mm.40637
0	0	AI849303	TC176571	null	Mm.25116
0	0	AI849337	TC199204	null	Mm.44627
20923	30684	AI849372	TC187074	null	Mm.32126
9613	12576	AI848843	TC190202	null	null
12694	22143	AI849312	null	null	Mm.20903
0	0	AI849345	TC201900	null	Mm.13711
37788	72068	AI848816	TC160912	Gas1 protein	Mm.22701
0	0	AI848851	TC200777	null	Mm.24348
74003	92797	AI848330	TC175586	null	Mm.24505
131513	96759	AI848366	TC205159	null	Mm.40177
257109	386596	AI848351	TC160763	beta-D-galactosidase fusion pr	Mm.21772
34319	68868	AI848016	TC174834	null	Mm.20921
19075	23804	AI848336	TC174982	proSAAS	Mm.4881
22793	27218	AI848373	TC204642	null	Mm.40178
0	0	AI847985	TC162742	null	Mm.31574
46177	45828	AI848029	null	null	Mm.4299
18255	26142	AI848618	TC187238	GLUT4 vesicle protein	Mm.29010
145536	298905	AI848697	TC159470	ribosomal protein L9	Mm.14244
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35715	39899	AI848629	TC166440	null	Mm.40183
8020	14090	AI848701	TC164165	null	Mm.39744
219119	302136	AI849057	TC189757	null	Mm.23950

17237	17745	AI849096	TC162251	null	Mm.22634
17247	21157	AI848882	null	null	Mm.39212
14320	11883	AI849416	TC200355	null	Mm.28021
0	0	AI849454	TC162146	null	Mm.22922
17706	18470	AI848981	TC202637	null	Mm.3973
14420	11602	AI848895	TC162632	null	Mm.34360
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22938	39052	AI848956	TC187321	null	Mm.44114
38465	58194	AI848987	TC158859	hprt gene product	Mm.18675
5216	10229	AI847673	null	null	null
69046	84062	AI847706	TC188568	null	Mm.40717
20930	30172	AI847069	TC164462	null	Mm.5263
51792	47344	AI847106	TC196324	null	Mm.41314
0	0	AI847680	TC203137	null	null
37688	49113	AI847721	TC159712	mouse RNA polymerase I 40kD su	Mm.3458
16283	14315	AI847080	null	null	null
7092	6428	AI847122	TC207245	null	Mm.40168
52658	35805	AI849532	TC202635	null	Mm.27338
13575	22252	AI848253	TC200959	red-1	Mm.27915
48932	52044	AI848279	TC201399	null	Mm.25125
54164	52173	AI848309	TC161658	null	Mm.34901
32088	44724	AI848229	TC173504	HP1 alpha protein	Mm.28003
22737	28093	AI848259	null	null	Mm.40584
16047	16063	AI848285	TC166457	null	Mm.41289
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43214	66957	AI849304	TC176070	null	Mm.41663
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320906	218656	AI849373	TC200194	cytochrome c	Mm.35389
0	0	AI848845	TC187059	null	Mm.30003
83089	145679	AI849314	null	null	null
15303	21101	AI849346	TC210674	ion channel BCNG-3	null
41949	74492	AI848817	TC178545	4-1BB ligand	Mm.41171
0	0	AI848852	TC188758	includes alternative exon	Mm.4683
512135	774971	AI848331	TC159891	heterogenous nuclear ribonucle	Mm.2115
198070	279260	AI848367	TC201166	null	Mm.18555
441349	651612	AI848354	TC174070	null	Mm.22679
88949	98143	AI848018	TC183091	null	null
548811	508264	AI848337	TC188183	null	Mm.2125
55322	64482	AI848374	null	null	Mm.40512
36518	45531	AI847987	TC189003	Pig-a precursor	Mm.3781
70956	109577	AI848030	TC162275	null	Mm.27412
87440	71755	AI848621	TC205649	null	Mm.39872
110456	158300	AI848698	TC158920	ornithine decarboxylase, ODC {	Mm.15259
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1159064	1168815	AI849086	null	null	Mm.39406
0	0	AI848630	TC187958	G-protein coupled receptor	Mm.20465
77491	91735	AI848702	TC201923	mBLVR	Mm.28463
87722	91341	AI849058	TC160926	carboxyl terminal LIM domain p	Mm.5567
13574	14549	AI849099	TC163026	zinc-finger factor FOG2	Mm.39496
26348	20360	AI848884	TC189844	null	Mm.23885
41120	56640	AI849418	TC206313	null	Mm.40702

34052	36347	AI849455	TC173522	septin	Mm.336
6570	7229	AI848982	TC162239	null	Mm.22398
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63139	66157	AI849429	null	null	null
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20721	21724	AI848989	TC200658	chromaffin granule ATPase II h	Mm.33083
87967	112995	AI847674	TC160074	casein kinase I-alpha	Mm.43737
122203	168715	AI847707	TC206842	null	Mm.39396
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53105	54504	AI847108	TC175390	null	Mm.27786
0	0	AI847683	TC188297	TDAG51/lpl homologue 1	Mm.34346
12484	13811	AI847730	TC183485	null	Mm.57588
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9825	11018	AI847123	TC169451	null	Mm.44582
46473	57892	AI849534	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
35878	30127	AI848254	TC183625	null	Mm.41258
22627	35861	AI848280	TC189566	null	Mm.39099
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138501	136683	AI848231	TC188428	null	Mm.29556
50317	56494	AI848260	TC188561	null	Mm.29990
97188	162409	AI848286	TC186995	null	Mm.29617
31434	31606	AI848598	TC164221	null	Mm.967
0	0	AI849305	TC191123	null	Mm.40259
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6029	11574	AI849374	TC162414	null	Mm.41363
0	0	AI848847	TC163330	null	Mm.11819
166319	299601	AI849317	TC174818	null	Mm.34506
53969	87866	AI849348	TC177539	null	Mm.18905
8062	9836	AI848819	TC161969	brain fatty acid-binding prote	Mm.3644
9336	12037	AI848853	TC158340	null	Mm.29780
29943	38075	AI848332	TC178059	null	Mm.33118
50851	60088	AI848368	TC186838	synaptosomal associated protei	Mm.4435
219113	185956	AI848396	TC173784	LIS	Mm.64447
22289	25246	AI848022	TC205001	null	Mm.58647
270966	313894	AI848338	TC188864	null	Mm.27518
664250	844935	AI848375	TC187324	huntingtin interacting protein	Mm.10082
20272	17208	AI847988	null	null	null
84932	121274	AI848031	TC203283	null	null
63840	127408	AI848623	TC187682	null	Mm.29762
55258	64934	AI848699	TC201090	null	Mm.27904
41946	59696	AI849053	TC166695	null	Mm.40021
22496	23962	AI849087	TC201084	survival motor neuron	Mm.2025
91752	86163	AI848671	TC200421	Sh3bgrl protein	Mm.21446
20791	18857	AI848703	null	null	Mm.39873
203822	405661	AI849059	TC202664	null	Mm.38212
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30267	37306	AI848885	TC160171	null	Mm.34701
22324	39066	AI849420	TC190278	null	Mm.24184
57071	73892	AI849459	TC187906	null	Mm.41851
29429	45108	AI848983	TC204381	alpha-tubulin 8	Mm.32884
132567	120749	AI849377	null	null	null

65882	90260	AI849431	TC200913	null	Mm.3310
0	0	AI848958	TC197013	null	null
22185	27191	AI848990	TC161901	calcium modulating cyclophilin	Mm.2313
26894	34682	AI847675	TC189718	reduced in osteosclerosis tran	Mm.20839
16609	24324	AI847709	TC175074	null	Mm.39980
0	0	AI847072	TC190890	embryonic stem cell phosphatas	Mm.4450
7885	8010	AI847110	TC203570	null	Mm.27443
0	0	AI847686	TC197031	null	null
11768	20689	AI847731	TC163879	null	Mm.23873
25547	32364	AI847082	TC164527	null	null
3433	7012	AI847124	TC187386	null	Mm.40851
8210	8573	AI849538	TC210668	null	Mm.40519
73465	75377	AI848255	TC173936	heme oxygenase-2b	Mm.710
141557	164212	AI848281	TC173916	null	Mm.28852
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45280	47234	AI848261	TC160941	null	Mm.10641
69364	67633	AI848287	TC163132	null	Mm.31690
38427	31983	AI848599	TC180500	null	Mm.22965
800404	740490	AI849308	TC174355	glutaredoxin	Mm.29728
64402	63534	AI849340	TC159679	inner centromere protein INCEN	Mm.41503
18821	24232	AI848813	TC175203	null	Mm.28360
5276	6477	AI848848	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
17265	15793	AI849318	TC162051	null	Mm.34420
34260	47210	AI849349	TC159204	transcription factor Oct2	Mm.37811
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51778	57964	AI848855	TC175446	null	Mm.25621
11936	15041	AI848333	TC173514	retinoic acid-responsive prote	Mm.906
71163	70015	AI848369	TC208310	null	null
55573	42147	AI847980	TC164419	null	Mm.40333
36856	36725	AI848023	TC162072	neuronal-specific septin 3	Mm.41226
127143	123592	AI848340	TC175512	null	Mm.27245
115498	113917	AI848376	TC178155	null	Mm.32487
115529	164055	AI847992	TC188879	null	Mm.28199
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95151	170591	AI848624	TC200390	APEX nuclease precursor	Mm.203
307453	512711	AI848700	TC157728	kinesin heavy chain	Mm.3380
74731	101976	AI849054	TC162891	null	Mm.30238
13944	18415	AI849089	TC174469	unnamed protein product	Mm.29122
43451	44486	AI848674	TC202809	neurogenic differentiation fac	Mm.41500
105293	152205	AI848704	TC174211	chromatin structural protein h	Mm.460
33731	30104	AI849060	TC177080	null	Mm.23916
99590	134376	AI849101	TC173233	acetyl-CoA synthetase	Mm.41757
71513	83363	AI848888	TC160165	null	Mm.21811
23706	29496	AI849423	TC173768	Sid1669p	Mm.25228
43896	61736	AI848952	TC200073	null	Mm.17362
40294	64866	AI848984	TC174492	null	Mm.27311
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66857	86620	AI849432	TC174115	null	Mm.13796
19807	30871	AI848959	TC175741	null	Mm.45169
18518	20439	AI848992	TC161339	mitogen- and stress-activated	Mm.20914

19186	37456	AI847676	TC188386	apoptosis activator Mtd	Mm.3295
23178	27563	AI847710	null	null	Mm.41842
23119	33025	AI847073	null	null	null
87354	113015	AI847112	null	null	null
15495	18947	AI847689	TC201246	retinal-specific heterotrimeri	Mm.4702
20260	20453	AI847737	null	null	null
96638	106132	AI847083	TC186622	protein phosphatase 1	Mm.4572
16711	19215	AI848311	null	null	Mm.42131
14696	19354	AI849539	TC178809	null	Mm.40874
20484	25300	AI848256	null	null	null
15683	14709	AI848282	TC165402	null	Mm.42964
9025	12349	AI848665	TC203730	null	Mm.41407
104958	93142	AI848234	TC179902	null	Mm.39866
61766	64856	AI848262	TC165651	null	Mm.39867
25136	28676	AI848289	null	null	null
210441	261188	AI848601	TC200388	[Mouse TIS11 primary response	Mm.18571
12972	13802	AI849309	TC189663	null	Mm.68835
19398	21141	AI849341	TC187396	muscle protein 684	Mm.27871
17287	18080	AI848814	TC171834	null	Mm.39620
23779	34983	AI848849	TC173091	mtprd	Mm.3679
552683	909733	AI849319	TC202555	null	Mm.28315
50474	76712	AI849350	TC187437	null	Mm.39350
162237	153527	AI848821	TC161079	null	Mm.26418
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43469	42287	AI848334	TC164690	null	Mm.40288
672960	737033	AI848370	TC200609	null	Mm.27319
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21951	23314	AI848035	TC159908	null	Mm.4603
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43357	49801	AI848691	TC201473	null	Mm.41099
23268	14614	AI849055	TC193259	null	null
38962	34274	AI849091	TC200267	V-1 protein	Mm.4143
146680	157349	AI848675	TC174177	null	Mm.25331
52456	53600	AI848705	TC205267	null	Mm.40698
931546	822511	AI849063	TC173290	TSC-22	Mm.20927
148148	193630	AI849102	TC183473	null	null
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85772	89859	AI848954	null	null	Mm.1776
878846	714326	AI848985	TC161787	CD13/aminopeptidase N	Mm.4487
2116437	2408244	AI849379	null	null	Mm.18041
77158	104467	AI849433	TC161334	null	Mm.30157
125210	205780	AI848961	null	null	Mm.3486
23906	27717	AI848993	null	null	null
40075	51016	AI844606	TC188303	null	Mm.28097
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0	0	AI844050	TC196282	null	Mm.54508
34950	47935	AI844098	TC202552	null	null
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0	0	AI854351	TC163963	multiple PDZ domain protein	Mm.3140
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9239	12486	AI850153	TC186828	null	Mm.24745
66447	76441	AI850023	null	null	null
28612	35581	AI854361	TC186401	null	Mm.3381
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44180	58632	AI850666	TC202133	null	Mm.41453
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0	0	AI844145	null	null	Mm.39580
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47876	78343	AI844245	TC175475	null	Mm.24159
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95365	65818	AI850248	TC186701	null	Mm.27847
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7384	7128	AI851758	TC190486	null	Mm.37899
114459	127036	AI851789	TC183636	null	Mm.44136
15804	37311	AI851618	TC176009	sex comb on midleg homolog pro	Mm.18718
29561	40887	AI851646	TC175198	null	Mm.40907
25105	31548	AI851768	TC164335	null	Mm.44909
36287	47424	AI851599	TC205459	null	Mm.33796
15045	14348	AI851624	TC200634	49 kDa zinc finger protein	Mm.12236
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71874	61561	AI848917	TC161023	metaxin	Mm.22508
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78471	79140	AI844087	TC175685	osmotic stress protein 94	Mm.4150
69135	101926	AI848923	TC200682	null	Mm.40612
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31042	39943	AI854352	TC200586	topoisomerase III beta	Mm.20915
16139	18300	AI854393	TC188567	null	Mm.24125
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18873	14602	AI850750	TC202036	RNA polymerase I largest subun	Mm.7387
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45974	43036	AI844191	TC201058	null	Mm.27862
84063	138843	AI844238	TC188341	null	Mm.28232
127660	157412	AI849652	null	null	Mm.45555
28329	32950	AI844147	null	null	null
49815	68888	AI844207	TC204529	null	null
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39834	41113	AI850196	TC175306	null	Mm.41456
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18799	25996	AI850249	TC168149	null	Mm.44130
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49494	50719	AI850314	TC192323	null	Mm.37988
10361	10223	AI851759	TC163910	large conductance calcium acti	Mm.4123
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19697	37652	AI844007	TC201209	null	Mm.24495
212765	183122	AI844043	TC187170	null	Mm.28336
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44910	68795	AI844013	TC161442	null	Mm.41155
38922	36589	AI844052	TC204270	null	Mm.39184
90291	75101	AI844100	TC187382	Rsp29-like protein	Mm.44240
276980	219232	AI850017	TC173735	null	Mm.20242

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129875	145482	AI850119	null	null	null
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118980	118936	AI850605	TC162436	gankyrin	Mm.17640
16865	21013	AI850656	TC203477	histone deacetylase mHDA2	Mm.29854
15032	14994	AI850696	TC196442	null	Mm.40019
136439	194264	AI850740	TC175860	null	Mm.1040
821509	1557011	AI850627	null	null	null
233452	200166	AI850669	TC186831	Mxi-WR protein	Mm.2154
81884	61729	AI850712	TC203807	null	Mm.5258
13134	11321	AI851739	TC162900	U2 small nuclear ribonucleotei	Mm.14286
19955	34662	AI844135	null	null	Mm.40821
45836	62006	AI844196	TC190559	null	Mm.5185
233457	274757	AI844239	TC203062	N-Acetylglucosamine kinase	Mm.29772
112925	134266	AI849653	null	null	null
316040	323496	AI844149	TC173804	null	Mm.29202
64996	87682	AI844208	TC173718	taipoxin-associated calcium bi	Mm.1782
18386	22758	AI844248	TC189064	null	Mm.39720
20059	22548	AI849662	TC206019	germ cell nuclear factor	Mm.4577
98416	139825	AI850198	TC206193	null	Mm.39489
23529	29077	AI850240	null	null	null
225122	209758	AI850278	TC200354	alcohol dehydrogenase 1 (ADH-1	Mm.2409
94657	171015	AI850307	TC186645	nuclear RNA helicase Bat1	Mm.30076
98855	72053	AI850208	TC173855	null	Mm.29640
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99963	88187	AI850286	TC158314	null	Mm.3014
46918	51814	AI850315	TC187351	null	Mm.17162
34699	46234	AI851760	TC174434	null	Mm.41562
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36572	40768	AI851770	TC173833	null	Mm.22226
0	0	AI851601	TC177549	null	Mm.34944
24537	38814	AI851626	TC174779	null	Mm.35790
7056	10039	AI851655	TC175885	null	Mm.23720
6529	9156	AI844608	TC191109	null	Mm.41746
21742	25228	AI844009	TC173676	null	Mm.24499
18626	17390	AI844045	TC191494	null	Mm.24362
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32191	37909	AI849654	null	null	Mm.39627
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15822	17620	AI844249	TC193851	null	null
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309438	398509	AI850308	TC159548	calmodulin	Mm.18041
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9641	14789	AI850251	null	null	null
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27475	34165	AI848919	TC189253	seizure-related gene product 6	Mm.4727
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47931	90725	AI844017	TC159942	aldose reductase	Mm.451
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30438	58053	AI844106	TC200593	null	Mm.3856
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27870	40192	AI850671	TC160952	PHR1 isoform 2	null
64581	65638	AI850715	null	null	Mm.40890
142188	195128	AI851696	TC187304	fibroglycan (syndecan-2)	Mm.29350
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120573	128790	AI844200	TC200431	null	Mm.44750
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51571	80163	AI844210	TC162336	colony stimulating factor-1	Mm.795
624595	577797	AI844250	TC161974	null	Mm.6667
87480	116012	AI849666	TC178769	null	Mm.35435
107842	91873	AI850201	TC160517	chloride channel CLC-2	Mm.40496
42574	44350	AI850242	TC187602	Cadherin-related neural recept	Mm.15528
48542	43794	AI850282	TC200483	null	Mm.30113
68950	99621	AI850309	TC174666	null	Mm.24816
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93000	113100	AI851764	TC187335	null	Mm.19352
10609	10982	AI851793	TC202826	null	Mm.41611
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28802	28693	AI851650	TC160680	null	Mm.23739
49238	53618	AI851772	TC206879	null	null
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13149	12200	AI844049	null	null	Mm.40148
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32707	37356	AI844613	TC161845	null	Mm.29465
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77742	96813	AI844059	TC191063	null	Mm.41417
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407278	487870	AI850158	null	null	null
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68677	69150	AI844201	TC163481	null	Mm.41594
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169725	141941	AI849657	null	null	Mm.40520
42521	79326	AI844157	TC200521	null	Mm.28839
572635	803100	AI844211	TC173051	LIM domain binding protein 1	Mm.4524
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19162	29099	AI850203	TC207304	null	null
25083	20351	AI850244	TC188573	null	Mm.22649
98932	86802	AI850283	null	null	Mm.39417
12937	22817	AI850311	null	null	Mm.40017
52674	53272	AI850213	TC181239	null	Mm.39415
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41622	71215	AI850289	TC165370	null	Mm.40549
217405	243947	AI850320	TC173507	null	Mm.28438
42738	51950	AI851766	TC188441	null	Mm.17796
20789	21988	AI851794	null	null	null
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13900	15234	AI851774	TC157983	null	Mm.22844
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26914	37425	AI851837	TC160140	fertilization antigen-1; FA-1	Mm.29504
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234425	304721	AI853760	TC187317	transmembrane protein TM9SF3	Mm.2986
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58145	97275	AI852608	TC161220	RNA 3'-terminal phosphate cycl	Mm.28630
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67415	88723	AI852047	TC161036	null	Mm.23910
12281	21033	AI852088	TC161593	null	Mm.24259
28213	37049	AI852120	TC176101	GABA-A receptor alpha-4 subuni	null
10358	9771	AI852157	TC189008	polycystic kidney disease 1 pr	Mm.2973
19492	9482	AI852055	TC203855	mDab271 protein	Mm.18527
440244	1225321	AI852094	TC157597	poly(A) binding protein	Mm.2642
11804	14719	AI852131	TC174424	null	Mm.28715
13212	14819	AI852168	TC176733	null	Mm.32139
202069	164334	AI853171	TC163891	null	Mm.27907
14942	21073	AI853212	TC161510	null	Mm.34744
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443230	358948	AI852695	TC173104	null	Mm.63
7421	16222	AI853182	TC161814	null	Mm.34758
11802	19674	AI853224	TC202925	null	Mm.26786
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60552	69078	AI853365	TC200330	null	Mm.23929
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30178	39738	AI853375	TC158389	includes exons 3 through 12	Mm.22670
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68668	90432	AI852804	null	null	null
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41728	42181	AI853153	TC174418	null	Mm.14816
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16867	14200	AI853184	null	null	null
23829	19544	AI853226	TC187231	null	Mm.30163
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28626	42883	AI853377	TC204571	null	Mm.22889
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18371	59891	AI852776	TC160811	Ku autoantigen	Mm.2627
0	0	AI852805	TC175100	plakophilin-3	Mm.29603
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36728	49495	AI852964	TC203610	null	Mm.39439
1362	8436	AI852782	TC188505	null	Mm.22758
50353	63510	AI852812	null	null	Mm.34500
101999	129538	AI852932	TC158923	unnamed protein product	Mm.28650
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66235	62357	AI853123	TC178320	null	Mm.45426
18217	24743	AI853155	TC179780	null	Mm.39925
88400	95315	AI853762	TC161357	TGN38B precursor	Mm.4142
22246	18671	AI853796	TC193387	null	Mm.41222
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48119	50192	AI853802	TC173706	phosphofruktokinase-1 C isozym	Mm.28226
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0	0	AI854461	TC201760	null	Mm.12746
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65013	78639	AI854468	TC177897	G-protein alpha-t2 subunit	Mm.4805
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15667	20452	AI852133	TC197060	null	Mm.39907
3989	7627	AI852172	TC178229	null	Mm.39286
47559	76279	AI853173	TC160408	null	Mm.34570
16160	26902	AI853215	TC201416	null	Mm.29711
60948	118724	AI852665	TC201222	null	Mm.18739
4953	11614	AI852697	TC175900	unnamed protein product	Mm.29410
9285	11294	AI853186	TC159940	H-FABP (AA 1-133)	Mm.22220
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3912	4417	AI852672	TC161202	phosphofructokinase-M (connect	Mm.26550
16708	19898	AI852706	TC189337	null	Mm.34888
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6265	7290	AI851799	TC196408	null	Mm.40540
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10743	17070	AI853797	TC176877	null	Mm.32789
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26715	29803	AI853772	TC161111	null	Mm.28963
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66869	87524	AI852581	TC187153	insulin degrading enzyme	Mm.25576
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6325	8035	AI854441	TC177684	oligodendrocyte-specific bHLH	Mm.44233
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16650	21262	AI852091	TC210704	null	null
0	0	AI852123	TC190129	null	Mm.33538
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74280	94478	AI852060	TC175135	hypothetical protein	Mm.28542
25873	35527	AI852098	TC200205	null	Mm.19130
15700	15452	AI852135	TC190916	null	Mm.37263
96407	61105	AI852173	TC200271	antizyme inhibitor	Mm.6775
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7429	5183	AI852667	TC162572	null	Mm.31733
11467	14983	AI852698	null	null	Mm.39431
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9552	17241	AI853405	TC201063	house-keeping protein	Mm.103
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42993	58749	AI852923	null	null	null
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26389	26816	AI852177	null	null	Mm.40547
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26511	29066	AI853191	TC202671	null	Mm.35159
47979	36131	AI853230	TC181791	null	null
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69246	72506	AI851496	TC204259	null	Mm.32822
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66978	108013	AI854245	TC200223	null	Mm.27039
25518	33783	AI854763	TC189262	putative E1-E2 ATPase	Mm.31357
10645	13839	AI854792	null	null	Mm.39690
17940	26386	AI854024	TC203211	null	Mm.10277
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7681	12398	AI854246	null	null	null
11067	9853	AI854764	null	null	null
33367	30779	AI854794	TC176348	null	Mm.29389
24959	33980	AI854025	null	null	null
10106	14003	AI854050	TC163248	null	Mm.23002
16168	21186	AI852982	TC189365	TRAFamn	Mm.27431
16372	18611	AI853016	TC186590	null	Mm.19802
0	0	AI854031	null	null	null
5410	8048	AI854057	null	null	Mm.39681
23177	40328	AI852988	TC189234	null	Mm.39485
225682	258503	AI853024	TC160533	null	Mm.30166
32566	42400	AI854253	TC201511	null	null
20553	30167	AI854280	TC173156	DBY protein	Mm.31989
108491	164668	AI854306	TC167799	null	Mm.40753
85162	107651	AI850859	TC187631	null	Mm.44209
55833	78755	AI854259	TC187704	null	Mm.38367
72381	92246	AI854286	TC176169	semaphorin Y	Mm.23662
195717	186739	AI854312	TC190005	null	Mm.34492
42032	59974	AI850865	TC161225	null	Mm.29274
14312	21449	AI853419	TC162995	null	Mm.28062
39838	30752	AI853448	TC173580	null	Mm.1920
85650	145007	AI853476	TC160948	null	Mm.28975
144274	121065	AI854186	null	null	Mm.16773
69998	94416	AI853427	TC169266	null	Mm.39675
75585	90663	AI853454	TC189231	bridging integrator-3	Mm.24186
23346	28279	AI854165	TC177645	null	Mm.40598
50898	57423	AI854193	TC179963	null	null
370343	380270	AI853048	TC205681	null	Mm.1024
1024147	736988	AI852338	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
20746	4215	AI852371	null	null	Mm.39912
28500	39675	AI852434	TC207027	null	Mm.39599
127036	152979	AI853054	TC157330	arginine-tRNA-protein transfer	Mm.21907
215484	277685	AI852344	null	null	null
305876	367535	AI852377	TC157688	HN1	Mm.1775
88263	128571	AI852440	null	null	Mm.39658
47884	61928	AI850893	TC174597	null	Mm.29105
11777	19713	AI853890	TC176507	Cu ⁺⁺ -transporting P-type ATPase	Mm.14926
20394	29350	AI851498	TC204159	null	Mm.41771
36749	50213	AI851507	TC173828	U1 snRNP-specific protein C	Mm.2265
8375	8076	AI850900	TC200658	chromaffin granule ATPase II h	Mm.40626
40735	75241	AI851490	TC161659	null	Mm.25640
10640	11848	AI853914	TC158529	null	Mm.41412
7270	7154	AI853936	null	null	null
110563	148356	AI854214	TC186841	null	Mm.24703
37863	44701	AI854241	TC179335	null	Mm.40308
96247	180695	AI854758	TC200023	ribosomal protein L27	Mm.28985
35379	41898	AI854787	null	null	null
30242	37141	AI854220	TC206401	null	Mm.40245

21468	22551	AI854247	TC190236	null	Mm.33220
86351	94775	AI854765	TC187927	null	Mm.41617
103930	99364	AI854795	null	null	Mm.40590
3175	6407	AI854026	TC174873	null	null
11227	15006	AI854051	TC175619	von Hippel-Lindau protein	Mm.40892
20014	22340	AI852983	TC161709	null	Mm.28076
21570	24505	AI853017	null	null	Mm.34225
13202	17578	AI854032	TC177922	null	Mm.40034
14291	11475	AI854058	TC193474	null	Mm.39944
80970	61221	AI852989	TC205353	null	Mm.34885
77088	64987	AI853026	TC203762	null	Mm.33367
0	0	AI854254	TC199946	proteasome subunit C3	Mm.3428
12284	13811	AI854281	TC161313	null	Mm.28776
9476	15487	AI854307	TC177527	null	null
42907	46689	AI850860	TC175204	null	Mm.7778
21393	35855	AI854260	TC161132	null	Mm.12775
35126	45746	AI854287	null	null	Mm.29505
21029	28739	AI854313	TC190961	null	Mm.41598
76585	104376	AI850866	TC200860	null	Mm.28277
0	0	AI853420	TC162225	null	Mm.28930
18403	25121	AI853449	null	null	Mm.42273
43304	50686	AI853477	TC166504	null	Mm.44133
75091	102270	AI854187	TC200208	keratinocyte growth factor rec	Mm.16340
27732	32114	AI853428	TC168188	null	Mm.39931
34549	42316	AI853455	TC206163	null	Mm.44146
92126	84500	AI854166	TC174243	nuclear body associated kinase	Mm.20934
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39864	43761	AI853049	TC175160	null	Mm.44143
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38019	37206	AI852372	TC176596	null	Mm.28304
26123	29574	AI852435	null	null	Mm.40220
272846	216351	AI853055	TC202403	null	Mm.36816
118696	145838	AI852345	TC160403	null	Mm.29697
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189814	296645	AI852441	null	null	Mm.39914
0	0	AI850895	TC188364	null	Mm.40690
93021	117224	AI853892	TC200444	null	Mm.40576
68957	90628	AI853909	TC190193	null	Mm.24797
43382	44357	AI851508	null	null	Mm.39423
57858	71631	AI850901	TC161389	unnamed protein product	Mm.25769
41294	51465	AI853895	TC166510	null	Mm.39941
82126	98388	AI853915	TC163521	GTP binding protein beta subun	Mm.9336
23286	23384	AI853937	TC163679	null	Mm.18712
0	0	AI854215	TC196137	null	null
45072	58799	AI854242	TC188461	null	Mm.36699
16385	23425	AI854759	TC173319	null	Mm.41671
95314	126601	AI854788	TC191903	null	Mm.40683
241339	249694	AI854222	TC158885	ornithine decarboxylase antizy	Mm.683
45909	59280	AI854248	TC192199	null	Mm.32074
21206	27800	AI854766	null	null	null
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44049	78873	AI854027	null	null	null
21154	16302	AI854053	TC174277	null	Mm.24578
0	0	AI852984	TC190808	null	Mm.41428
19684	12149	AI853018	TC189036	uridine kinase	Mm.2559
44835	50583	AI854033	TC161794	null	Mm.21936
92404	134773	AI854059	TC160205	ubiquitin like protein	Mm.196
9077	8043	AI852992	TC190448	null	Mm.29727
64013	58478	AI853027	null	null	null
161737	239366	AI854255	TC175549	null	Mm.34620
33915	53794	AI854282	TC206325	null	Mm.39100
0	0	AI854308	TC183502	null	Mm.40927
37435	61983	AI850861	TC190065	multiple exostoses-like 1 prot	Mm.30978
64920	119662	AI854261	TC176423	voltage-gated calcium channel	Mm.30841
64328	69264	AI854289	TC160672	null	Mm.28618
83938	115305	AI850831	TC186854	null	Mm.1479
77432	89619	AI850867	TC159695	NIPSNAP1 protein	Mm.16958
29194	27056	AI853421	null	null	Mm.39930
21396	30368	AI853450	TC201694	collagen type XIV	Mm.41332
22707	30944	AI853478	null	null	null
26825	25694	AI854189	TC187365	p19	Mm.3304
58020	76958	AI853430	TC190710	null	Mm.1251
48799	52314	AI853456	TC168323	null	Mm.39932
59051	60130	AI854169	TC178139	Arnt2	Mm.4813
24588	35213	AI854197	null	null	null
132372	187370	AI853050	null	null	Mm.39923
75618	90500	AI852340	TC176367	null	Mm.2833
11784	10336	AI852373	TC170484	null	Mm.40550
48724	67166	AI852436	null	null	null
20673	23222	AI853060	null	null	Mm.40939
113575	114352	AI852346	TC192125	null	Mm.40922
22138	31821	AI852379	TC173605	paladin	Mm.3437
139359	164454	AI852442	TC187991	UTX	Mm.10218
34199	56269	AI850896	TC200243	null	Mm.41107
25302	28395	AI851488	null	null	Mm.39650
21650	23554	AI851500	TC158803	null	Mm.1129
81268	117169	AI851509	TC201105	null	Mm.8393
87331	69571	AI850903	TC157943	null	Mm.25803
93122	101803	AI853896	TC189302	null	Mm.24656
220046	257593	AI853916	TC188772	null	Mm.44211
23048	24177	AI850988	TC190239	neural recognition molecule NB	Mm.40898
17882	21032	AI854216	null	null	Mm.39266
27879	33609	AI854243	TC175574	null	Mm.6560
27873	45798	AI854760	TC190791	Zfp-1 protein (AA 1-424)	Mm.4184
32309	33236	AI854789	TC162463	null	Mm.24517
52328	79118	AI854223	TC188919	null	Mm.29886
63920	83022	AI854249	TC190954	claudin-14	Mm.25832
6643	11102	AI854767	TC173613	null	Mm.27660
154369	258822	AI854798	TC194358	null	Mm.40682
46572	47160	AI854028	TC160010	null	Mm.24187
0	0	AI854054	TC174618	null	Mm.40914
87894	119928	AI852985	TC187565	null	Mm.29431

0	0	AI853019	null	null	Mm.39243
12646	14595	AI854034	TC205254	null	Mm.31856
38137	49169	AI854060	TC185763	null	null
8478	11524	AI852993	null	null	null
9988	7223	AI853030	null	null	null
0	0	AI854256	TC189361	null	Mm.11360
13452	11415	AI854283	TC163362	null	Mm.30472
17822	21253	AI854309	null	null	Mm.28850
98996	117269	AI850862	TC200429	maternal transcript Maid	Mm.7838
101480	153067	AI854262	TC187573	null	Mm.27624
64478	72441	AI854290	TC158863	cytochrome c oxidase VIIc (AA	Mm.43786
53201	70850	AI850832	TC203190	null	Mm.30654
48345	51370	AI850868	TC176768	null	Mm.27717
41772	32249	AI853422	TC162685	null	Mm.23816
51528	61146	AI853451	TC162117	cAMP-dependent protein kinase	Mm.19111
21535	24767	AI853479	null	null	Mm.40570
26267	27735	AI854190	TC163892	null	Mm.41145
21697	20461	AI853432	TC203351	null	Mm.54506
59238	65151	AI853458	TC200577	null	Mm.34298
46818	53900	AI854170	null	null	null
206486	234275	AI854198	TC173788	null	Mm.27404
36198	30437	AI853051	TC176952	putative twelve transmembrane	Mm.28529
28567	23174	AI852341	null	null	null
48994	64609	AI852374	TC165851	null	Mm.40923
114789	112355	AI852437	TC162476	GEG-154	Mm.5181
0	0	AI853061	TC174971	null	Mm.29087
15576	15476	AI852347	null	null	null
10944	12024	AI852380	TC161952	basement membrane proteoglycan	Mm.7257
33411	20389	AI852443	null	null	Mm.40552
17080	19041	AI850897	TC190194	HS1 binding protein 3	Mm.41098
0	0	AI853893	TC163004	null	Mm.40990
0	0	AI853911	null	null	null
27437	23509	AI851510	TC176740	MIP-1 alpha receptor	Mm.14302
47668	46973	AI853881	TC173589	null	Mm.26598
19841	25333	AI853899	TC174716	null	Mm.29491
398609	487167	AI853917	TC200688	proteasome subunit C7-I	Mm.22233
26684	25493	AI850989	null	null	null
176061	156041	AI854217	null	null	Mm.37214
89052	117176	AI854244	TC178322	null	null
60799	63738	AI854761	null	null	Mm.40968
12662	15604	AI854790	TC190944	null	Mm.60587
119900	144302	AI854224	TC201535	receptor tyrosine kinase	Mm.2901
88619	113093	AI854738	TC187263	null	Mm.46304
49012	76063	AI854768	TC206009	null	Mm.35769
73129	115725	AI854799	TC159723	acidic ribosomal phosphoprotei	Mm.14843
15975	19669	AI850981	TC164305	null	Mm.31786
36660	43862	AI854599	TC173391	polyhomeotic 2	Mm.14198
67848	72817	AI854625	TC187621	null	Mm.22238
0	0	AI854654	TC165549	null	Mm.40349
32232	39277	AI854579	TC175161	null	Mm.28625
228453	191529	AI854605	TC162096	cytochrome P450 monooxygenase	Mm.12838

42784	45545	AI854631	TC170094	G protein-coupled receptor	Mm.4721
20533	31623	AI851236	TC192047	Potassium channel protein	Mm.39092
0	0	AA410048	TC204131	null	Mm.1911
0	0	AA407057	TC160216	Sid394p	Mm.21507
48809	54036	AA407197	TC200191	mCASP	Mm.34465
0	0	AA407782	null	null	null
41997	69017	AA410074	TC158296	null	Mm.16820
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0	0	AA407812	TC161682	DNA helicase	Mm.3674
342936	703880	AI851260	TC158183	ribosomal protein L41	Mm.13859
48972	49243	AI851291	TC201128	Iroquois homeobox protein 2	Mm.28888
181301	173833	AI851081	TC202813	null	Mm.28891
109736	136452	AI851146	null	null	null
7896	16487	AI851268	TC188281	cAMP inducible 1 protein	Mm.27387
277315	237105	AI851298	TC163703	null	Mm.33421
12068	12553	AI851092	TC175384	null	Mm.34955
15640	22999	AI851154	TC162784	null	Mm.40664
0	0	AA407982	TC161738	connexin 31	Mm.90003
95886	96411	AA408207	TC200460	null	Mm.22577
0	0	AA408325	TC160265	null	Mm.24229
0	0	AA408290	TC160946	null	Mm.33439
58875	61087	AA407862	TC180000	null	Mm.40620
18117	15009	AA408251	TC199641	null	Mm.3686
32163	50858	AA408365	TC175102	ARL-6 interacting protein-4	Mm.29430
16285	16532	AA408494	TC159009	tropomodulin 3	Mm.38445
16801	12597	AI850982	TC177156	putative N-acetyltransferase C	null
53775	74193	AI854600	TC166356	hyperpolarization-activated ca	Mm.12901
18763	25510	AI854626	TC159824	Ulip	Mm.36903
15486	18787	AI854656	TC205051	null	Mm.32551
0	0	AI854581	TC202527	null	Mm.1511
17617	19923	AI854607	TC187660	null	Mm.41574
97331	110884	AI854632	TC186587	unnamed protein product	Mm.3765
44208	78331	AI851237	TC157805	null	Mm.41800
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48322	32239	AA407103	TC200849	null	Mm.27354
11699	13072	AA407221	TC176042	null	Mm.3158
44100	64908	AA407751	TC200720	null	Mm.29965
0	0	AA410078	TC197826	null	Mm.3657
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3006	6523	AA407175	null	null	null
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62881	88231	AI851261	TC177713	null	Mm.35735
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54605	49730	AI851082	TC191738	phosphatidylinositol 3-kinase	Mm.40613
21975	28200	AI851147	TC176882	null	Mm.25028
34335	49349	AI851270	TC174815	ribosomal protein S6 kinase	Mm.29910
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37322	62712	AI851093	TC161742	null	Mm.24642
29104	43690	AI851155	TC203301	null	Mm.41435
0	0	AA407971	TC200841	null	Mm.29497

83642	78205	AA408208	TC189085	null	Mm.12055
0	0	AA408329	null	null	Mm.8046
0	0	AA408293	TC160880	apoptosis-inducible	Mm.1605
10153	15429	AA407867	TC168310	null	Mm.100532
32712	34418	AA408254	TC172795	null	Mm.13144
0	0	AA408369	TC176053	hypothetical protein	Mm.2735
0	0	AA408498	TC190490	4-1BB protein precursor	Mm.22552
24717	27902	AI850983	TC201133	null	Mm.27692
23943	32132	AI854601	TC204645	null	Mm.38009
7063	16936	AI854627	TC191751	null	Mm.41231
70741	64487	AI854657	TC166514	null	null
35776	55172	AI854582	TC193695	null	Mm.68515
129842	150040	AI854608	TC162741	mLGP85/LIMP II	Mm.7176
61251	81194	AI854633	TC201104	E3 protein	Mm.4554
29695	33142	AI851238	TC176636	null	Mm.29001
9414	12828	AA410090	TC160101	Lectin (AA 1 - 135)	Mm.43831
0	0	AA407106	TC176127	DNA cytosine-5 methyltransfera	Mm.89772
24840	25252	AA407223	TC186401	null	Mm.100245
0	0	AA407752	TC160021	null	null
1377232	599585	AA410080	null	null	null
58153	101923	AA410062	TC161159	null	Mm.29452
19746	34785	AA407246	TC174343	e(y)2 homolog	Mm.46013
194493	246539	AA407260	TC160004	null	Mm.30120
365224	452407	AI851262	null	null	null
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42108	52950	AI851083	TC190730	null	Mm.22898
68167	67963	AI851148	TC189636	null	null
165875	155032	AI851271	TC177205	null	Mm.32098
41838	52034	AI851302	TC163179	null	Mm.41483
170898	220501	AI851094	TC204397	null	Mm.41077
13474	17866	AI851156	TC158561	zinc finger type transcription	Mm.6666
9872	7986	AA408014	TC186401	null	null
19252	27298	AA408213	null	null	null
0	0	AA408341	TC204384	group V phospholipase A2	Mm.24487
0	0	AA408472	null	null	null
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81402	90657	AA408197	TC201460	null	Mm.8249
27079	31416	AA408501	TC178445	null	Mm.13145
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19788	21311	AI854628	TC165669	null	Mm.40666
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23351	30239	AI854583	TC160226	null	Mm.30143
31880	44759	AI854609	TC191952	null	Mm.23858
17920	19936	AI854634	null	null	Mm.40586
27730	28629	AI851240	TC202417	AIP70 protein	Mm.41415
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0	0	AA407111	null	null	null
7921	52025	AA407234	TC203034	null	Mm.22664
256695	238443	AA407785	TC187411	null	Mm.46724

12437	27339	AA407691	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
23428	24850	AA410064	TC160678	null	null
23667	35570	AA407252	TC162811	null	Mm.22554
64584	98544	AA407087	TC187976	null	Mm.30052
7335	11773	AI851263	null	null	null
80624	90387	AI851294	TC178273	brain ryanodine receptor	Mm.3441
17455	16271	AI851084	null	null	Mm.40208
43829	70867	AI851149	null	null	Mm.40901
9672	14669	AI851272	TC201420	MAP kinase phosphatase 6; MKP6	Mm.27978
126194	122020	AI851303	TC195045	null	Mm.40904
13104	11717	AI851095	TC187757	null	Mm.37751
37155	37965	AI851157	TC158907	null	Mm.46783
0	0	AA407995	TC203298	null	null
26136	35922	AA408215	TC200906	null	Mm.28938
21091	19305	AA408348	TC200283	null	Mm.28049
9695	6207	AA408475	TC158238	tum- transplantation antigen P	Mm.13020
5562	7967	AA408137	TC188994	null	Mm.23365
13712	16518	AA408260	TC163573	null	Mm.10814
6291	16361	AA408201	TC173282	GTP-specific succinyl-CoA synt	Mm.34632
15639	12226	AA408506	TC160544	null	Mm.28017
20562	31600	AI854577	TC205673	null	null
103396	109210	AI854603	null	null	Mm.39688
36801	46223	AI854629	TC161099	null	Mm.38802
77503	71328	AI851234	null	null	null
26528	37041	AI854585	TC174178	null	Mm.29957
51988	72919	AI854610	TC187308	COP9 complex subunit 7a	Mm.1444
37486	50430	AI854635	TC185202	null	Mm.40966
53486	63451	AI851241	TC163702	null	Mm.34402
8190	8685	AA410094	TC188108	ORC4-related protein	Mm.81934
0	0	AA407132	TC167106	null	Mm.24479
79830	147603	AA406999	null	null	Mm.104564
15599	19737	AA407787	null	null	null
150464	179914	AA407699	TC160269	unknown	Mm.396
64739	86787	AA410065	TC202202	null	Mm.279
61306	61596	AA407274	null	null	null
11792	25420	AA407088	null	null	Mm.100550
33473	32390	AI851264	TC166213	null	Mm.43553
295390	316537	AI851296	TC208345	null	Mm.40903
99148	110318	AI851086	TC178447	null	null
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76569	64724	AI851273	TC177622	null	Mm.40210
50390	65357	AI851304	null	null	null
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74030	80938	AI851158	TC162181	null	Mm.28684
17601	17393	AA408001	TC201379	null	Mm.4810
253780	309320	AA408219	TC187317	transmembrane protein TM9SF3	Mm.2986
0	0	AA408360	TC186399	ribosomal protein S8	Mm.3381
9850	9251	AA408477	TC199655	null	Mm.24490
0	0	AA408125	TC188929	null	Mm.90043
23652	23553	AA408230	TC192356	EPCS24	Mm.3692
135710	194205	AA408413	TC186124	null	null

55144	116389	AA408509	TC158243	ribosomal protein	Mm.2235
47927	64600	AI854578	TC203244	null	Mm.38399
14144	12189	AI854604	null	null	null
10059	15029	AI854630	TC178287	null	Mm.4466
7021	6822	AI851235	TC197068	null	Mm.39422
54536	77147	AI854586	TC175110	null	null
69221	76994	AI854611	TC161267	null	Mm.19803
16928	28245	AI854636	TC186588	growth factor-induced protein	Mm.3765
245291	297214	AI851244	TC162818	null	Mm.40020
14964	18497	AA410107	TC160240	null	Mm.4859
28103	35193	AA407134	TC159679	inner centromere protein INCEN	Mm.29755
21154	20608	AA407168	null	null	null
10080	8420	AA407811	null	null	Mm.90029
0	0	AA410114	TC186112	null	Mm.100524
203514	119733	AA410071	null	null	Mm.34876
446020	391170	AA407293	TC187842	ARL-6 interacting protein-2	Mm.24719
84043	77286	AA407756	TC173703	null	Mm.666
378929	513526	AI851265	TC161331	chloride channel CaCC	Mm.20897
212326	235545	AI851297	TC186827	mitogen-activated protein kin	Mm.30629
135129	129244	AI851090	TC204459	null	Mm.34283
113174	143533	AI851153	TC173865	null	Mm.23998
192668	172769	AI851274	TC157310	null	Mm.34182
525361	483594	AI851305	TC187508	null	Mm.28665
13905	15074	AI851097	TC161812	null	Mm.41398
1611223	1647477	AI851159	TC174435	3.4J polypeptide	Mm.2442
0	0	AA408030	TC173091	mtprd	Mm.3679
18904	26541	AA408239	TC175953	null	Mm.34776
0	0	AA408362	null	null	null
0	0	AA408479	TC186401	null	null
0	0	AA408128	TC165367	null	Mm.31046
0	0	AA408275	TC161597	null	Mm.28738
36381	33372	AA408415	TC173515	null	Mm.29343
207851	344786	AA408510	null	null	Mm.4071
55762	71925	AW537951	TC200491	null	Mm.29805
17932	27470	AW538008	TC187280	null	Mm.41890
89279	84943	AW538052	TC176246	null	Mm.34617
89809	117498	AW538091	TC177106	null	Mm.28186
14762	16545	AW537964	TC157690	lipoprotein lipase precursor	Mm.1514
190520	151817	AW538019	TC174634	tartrate-resistant acid phosph	Mm.46354
43429	53969	AW538060	TC189628	null	Mm.30659
359118	340376	AW538113	TC174962	null	Mm.29713
35763	39770	AW538863	TC188466	acyl-CoA thioesterase	Mm.23368
112784	164463	AW539102	TC201218	null	Mm.21617
69653	134341	AW539228	TC191343	short Fas ligand	Mm.3355
0	0	AW539290	null	null	null
68213	85440	AW538967	TC200350	mDj3	Mm.29186
0	0	AW539113	null	null	null
0	0	AW539241	null	null	Mm.102586
676693	1353991	AW539304	TC187263	null	Mm.8324
0	0	AW542450	TC163952	null	Mm.27416
110092	111340	AW542927	TC186811	BAP31	Mm.17

102347	190071	AW543089	TC175137	null	Mm.27902
50161	48452	AW543402	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
7648	14217	AW542466	TC159962	null	Mm.33808
0	0	AW542940	TC201076	null	Mm.8686
4670	5897	AW543114	TC186894	null	Mm.103457
27959	46590	AW543415	TC188091	secretory carrier membrane pro	Mm.30226
32715	36435	AW538155	TC201179	null	Mm.28237
35323	36342	AW538201	null	null	null
199895	223971	AW538270	null	null	Mm.102550
43597	72285	AW538327	TC187143	null	Mm.21409
0	0	null	null	null	null
13734	11958	AW538214	TC157781	tryptophan-2,3-dioxygenase	Mm.21545
51649	61269	AW538283	TC201961	null	Mm.21474
0	0	null	null	null	null
0	0	AW539345	TC159890	mPRL-2	Mm.6355
15787	18171	AW539393	TC201338	null	Mm.24848
32535	44281	AW539457	TC186865	null	Mm.35850
268631	282534	AW539518	null	null	null
388332	490791	AW539360	TC187548	null	Mm.34184
10716	12141	AW539413	TC203351	null	Mm.54120
28652	30849	AW539475	TC162824	null	Mm.18298
46689	83201	AW539534	TC162447	null	Mm.14580
107989	248243	AW543477	TC173530	hypoxia-inducible factor one a	Mm.3879
125177	121404	AW543623	TC161347	null	Mm.20277
83501	129109	AW543694	TC175175	null	Mm.27454
20627	21012	AW543761	TC187011	null	Mm.28348
35069	65908	AW543493	TC175334	null	Mm.28507
20693	80123	AW543640	TC186498	F52	Mm.2769
30028	53368	AW543707	TC187966	unnamed protein product	Mm.29061
29862	38160	AW543780	TC202463	null	Mm.35797
0	0	AW537952	TC161005	null	Mm.29484
102376	137546	AW538009	TC200410	protein phosphatase type 2A ca	Mm.11711
519647	475250	AW538055	TC160020	preadipocyte growth factor / g	Mm.426
432015	546461	AW538093	null	null	null
30651	49283	AW537966	TC174936	null	Mm.23298
71369	81616	AW538025	TC160750	null	Mm.42826
18617	36787	AW538062	TC159764	null	Mm.29959
161950	228277	AW538114	TC157824	histidyl-tRNA synthetase	Mm.10528
124822	167356	AW538866	null	null	null
29251	30227	AW539103	TC186735	protein Htf9C	Mm.5128
0	0	null	null	null	null
861637	1031807	AW539293	TC191556	null	Mm.102611
0	0	AW538969	null	null	Mm.102570
136893	127988	AW539114	null	null	null
38942	41590	AW539306	TC188864	null	Mm.27518
0	0	AW542453	null	null	null
71099	143522	AW542928	TC173194	null	Mm.29815
84904	114441	AW543092	TC204446	null	Mm.31082
104142	135342	AW543404	TC161342	RNA binding protein	Mm.12931
106278	249611	AW542467	null	null	null
0	0	AW542943	TC163452	prolactin-like protein L	Mm.83051

105972	171200	AW543115	TC173674	null	Mm.28161
45000	81121	AW543423	TC160694	Glut-1	Mm.21002
50470	48501	AW538156	TC158348	null	Mm.28466
27970	52277	AW538202	TC173803	PKCq-interacting protein PICOT	Mm.29675
215018	254613	AW538271	TC174224	ClpP protease	Mm.15243
39106	59801	AW538329	TC159135	null	Mm.21569
103837	109684	AW538175	TC174393	serine/threonine kinase	Mm.4674
29204	39473	AW538215	null	null	Mm.32222
193632	260977	AW538284	TC173826	calpactin I light chain	Mm.1
23798	34929	AW538342	TC161500	null	Mm.21064
506642	632481	AW539347	TC205442	null	Mm.103314
37805	41329	AW539394	TC200330	null	Mm.23929
51237	104887	AW539460	TC175936	null	Mm.45132
160925	185848	AW539519	TC201560	null	Mm.30777
69505	61334	AW539361	null	null	null
0	0	AW539416	TC159161	null	Mm.24352
12617	10022	AW539481	TC160171	null	Mm.34701
4938	8603	AW539538	TC190914	null	Mm.103508
43135	63342	AW543485	TC158900	beta proteasome subunit	Mm.368
9069	6096	AW543626	null	null	null
90166	121526	AW543697	TC159639	histone stem-loop binding prot	Mm.4172
40838	41352	AW543763	TC187023	unnamed protein product	Mm.41730
383145	387375	AW543494	null	null	null
78945	84278	AW543642	null	null	null
55482	63852	AW543709	TC173873	null	Mm.28675
0	0	AW543782	TC202442	null	Mm.34991
11713	12876	AW537953	TC202771	metalloprotease-disintegrin me	Mm.23840
76198	115351	AW538011	TC174356	null	Mm.26537
74522	87224	AW538056	TC187840	tex261	Mm.848
164470	340862	AW538097	TC187080	nuclear pore-targeting complex	Mm.16710
1461297	1505309	AW537968	TC200290	SET	Mm.28805
81960	149576	AW538026	TC174511	null	Mm.22240
95454	136187	AW538064	TC161286	null	Mm.35491
51884	90136	AW538116	TC188085	null	Mm.36766
67968	75057	AW538869	TC187136	null	Mm.25293
53297	82642	AW539104	TC160303	null	Mm.30849
53223	59351	AW539231	TC188583	null	Mm.41715
6411	13862	AW539296	null	null	Mm.102587
15381	18098	AW538970	TC190830	null	Mm.41372
0	0	null	null	null	null
855306	1072651	AW539244	TC192220	null	Mm.17586
0	0	AW539310	TC201267	small nuclear RNA	Mm.4633
21293	25736	AW542455	TC188425	null	Mm.29096
50409	76450	AW542930	TC189636	null	Mm.24809
32219	72617	AW543108	TC159731	phosphatidylethanolamine bindi	Mm.16784
8377	11289	AW543409	TC162633	EPCS26	Mm.27525
86173	124830	AW542880	TC186600	null	Mm.29949
30844	36867	AW542944	null	null	Mm.29540
8195	9412	AW543119	TC190495	null	Mm.86998
301940	344026	AW543424	null	null	null
5226	7550	AW538159	TC162179	interleukin 17 receptor	Mm.4481

35734	43922	AW538203	TC187967	RNA binding protein TIA-1	Mm.2291
108186	164893	AW538274	TC173724	null	Mm.21981
152405	214590	AW538330	TC159602	proteasome Z subunit precursor	Mm.2246
0	0	AW538176	TC158998	RHOB	Mm.687
401805	712466	AW538216	null	null	Mm.102548
210350	428115	AW538286	TC173644	null	Mm.44219
24095	41920	AW538344	TC158554	null	Mm.45418
64182	71508	AW539348	TC187040	null	Mm.26625
27845	36778	AW539395	TC186411	capping protein alpha 1 subuni	Mm.19142
0	0	AW539462	TC174577	null	Mm.28855
54765	82593	AW539521	TC200811	putative lysophosphatidic acid	Mm.671
0	0	AW539362	TC188861	null	Mm.103397
77365	127298	AW539418	TC200227	null	Mm.30195
0	0	AW539482	null	null	Mm.102595
0	0	null	null	null	null
0	0	AW543486	TC157780	null	Mm.25265
0	0	null	null	null	null
14430	36618	AW543698	TC175664	null	Mm.100761
31680	24437	AW543764	TC202197	null	Mm.38272
10514	17015	AW543496	TC174493	null	Mm.41513
81151	104542	AW543644	null	null	null
0	0	AW543712	TC161585	null	Mm.29088
20260	23607	AW543784	TC175599	null	Mm.35693
23028	27394	AW537955	null	null	null
17357	23512	AW538013	TC174759	null	Mm.29070
175936	207270	AW538057	TC175630	null	Mm.24477
344904	476589	AW538098	null	null	null
836628	735531	AW537971	TC160166	null	Mm.24837
32369	54898	AW538028	TC188360	placental PRL-like protein A	Mm.18607
763265	416343	AW538067	TC186933	creatine kinase (28AA)	Mm.16831
1209202	1168976	AW538119	null	null	null
52462	86566	AW538871	TC201036	vasodilator-stimulated phospho	Mm.9684
542074	455829	AW539107	TC163347	estrogen related receptor alph	Mm.2563
7039	12720	AW539232	null	null	null
63881	81151	AW539298	TC157633	Seryl-RS	Mm.28688
14780	9542	AW538973	TC162722	null	Mm.24627
16683	24901	AW539115	TC196908	null	Mm.102574
85748	102182	AW539245	TC199956	malate dehydrogenase	Mm.21743
278820	327257	AW539314	TC190912	null	Mm.55181
23739	35248	AW542456	TC174575	lamin B	Mm.4846
140614	156424	AW542931	TC201596	null	Mm.17523
120604	183360	AW543112	TC179451	null	null
31990	29635	AW543410	TC188977	null	Mm.24592
53760	55402	AW542885	TC173908	phosphomannomutase Sec53p homo	Mm.18939
130795	214150	AW542945	TC190029	null	Mm.40983
7793	8640	AW543121	TC157893	null	null
146921	178694	AW543439	TC200126	p59 immunophilin	Mm.12758
16974	13343	AW538163	null	null	null
21972	34701	AW538204	TC159679	inner centromere protein INCEN	Mm.16317
355756	720756	AW538275	TC163331	tubby	Mm.12887
0	0	AW538332	TC174384	GATA-2 protein	Mm.1391

15872	29434	AW538177	TC158206	p160 myb-binding protein	Mm.6805
87632	105088	AW538218	TC201311	geranylgeranyl transferase bet	Mm.29211
120979	129589	AW538289	null	null	null
73156	77213	AW538346	TC160364	Bc10	Mm.34330
19595	18432	AW539350	TC160564	null	Mm.22722
0	0	AW539406	null	null	Mm.101798
17838	29381	AW539467	TC186862	centrosomin B	Mm.2238
33900	40563	AW539524	TC186704	null	Mm.34411
104943	143926	AW539363	TC175805	GARP45	Mm.20450
0	0	null	null	null	null
59526	140243	AW539487	TC157597	poly(A) binding protein	Mm.2642
107645	65478	AW539541	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
13238	28465	AW543487	TC175454	null	Mm.25162
0	0	AW543633	null	null	null
219587	241959	AW543703	TC200236	null	Mm.24086
120252	143761	AW543765	null	null	null
394098	472838	AW543498	null	null	null
267969	271146	AW543654	null	null	null
37443	38555	AW543719	TC175371	null	Mm.28954
16301	14640	null	null	null	null
0	0	AW537957	null	null	null
73755	71341	AW538016	TC187508	null	Mm.28665
26313	45182	AW538058	TC200839	adrenomedullin precursor	Mm.1408
215434	50447	AW538102	TC162244	null	Mm.21798
7217	6687	AW537973	TC157848	hypothetical protein	Mm.104205
317772	607366	AW538031	null	null	null
204151	192232	AW538068	TC160931	null	Mm.28347
4366	3760	null	null	null	null
130878	158169	AW538874	null	null	null
0	0	AW539111	null	null	Mm.87156
0	0	null	null	null	null
0	0	AW539301	TC160793	65-kDa macrophage protein	Mm.22510
5918	11740	AW538974	TC186879	null	Mm.102571
34264	41280	AW539120	TC160877	null	Mm.28225
56145	96751	AW539248	TC157814	lysosomal sialidase	Mm.8856
580399	703768	AW539315	null	null	null
49820	76363	AW542460	TC160790	EGF repeat transmembrane prote	Mm.4173
76276	115913	AW542932	TC200434	null	Mm.23693
12434	14933	null	null	null	null
103441	139326	AW543412	TC200688	proteasome subunit C7-I	Mm.22233
0	0	null	null	null	null
59338	58794	AW542950	TC186845	null	Mm.30547
275207	323911	AW543371	TC160926	carboxyl terminal LIM domain p	Mm.5567
49045	45571	AW543440	TC187678	null	Mm.29534
68998	78222	AW538165	TC200375	GTP-binding protein	Mm.6698
31841	25421	AW538211	null	null	null
185525	448677	AW538278	TC187111	pantophysin gene	Mm.25699
78344	124760	AW538336	TC187436	small zinc finger-like protein	Mm.30034
51072	58493	AW538179	null	null	null
275243	304042	AW538220	null	null	null
197355	199135	AW538291	TC161801	core promoter binding protein	Mm.33892

79261	113367	AW538347	TC202822	null	Mm.24102
69173	62629	null	null	null	null
7979	13038	AW539408	TC201049	cp27	Mm.21310
40839	24056	AW539471	TC160725	null	Mm.24356
25176	56264	AW539528	TC200331	null	Mm.29541
162807	202577	AW539364	TC166431	null	Mm.102590
25982	26723	AW539426	TC190291	null	Mm.36757
123978	291704	AW539487	TC157597	poly(A) binding protein	Mm.2642
194645	184507	AW539542	TC200933	null	Mm.41596
47111	77159	AW543488	TC158362	null	Mm.94154
96642	179574	AW543636	TC187422	annexin V	Mm.1620
80740	111948	AW543704	TC160684	cdc37 homolog	Mm.4117
40104	63333	AW543773	null	null	Mm.22691
94299	178118	AW543510	TC175121	null	Mm.38528
31299	36276	AW543661	TC188531	null	Mm.41054
384730	758039	AW543721	TC159642	ribosomal protein	Mm.42790
0	0	AW543789	TC176831	connexin 31.1	Mm.26859
136505	139566	AW537963	TC211306	null	Mm.102538
430044	393667	AW538017	null	null	Mm.4591
18504	22947	AW538058	TC200839	adrenomedullin precursor	Mm.1408
412516	1452669	AW538107	TC200391	endo B cytokeratin	Mm.22479
19769	23026	AW537978	TC164794	null	Mm.103497
26841	27703	AW538032	TC161098	null	Mm.41678
101090	116184	AW538069	TC184108	null	Mm.102543
98449	110182	AW538121	TC201778	null	Mm.32150
409819	294963	AW538875	null	null	Mm.28897
280972	317558	AW539112	null	null	null
181352	198988	AW539236	TC174366	mitochondrial inner membrane t	Mm.2368
2226078	2458137	AW539303	null	null	null
16874	24556	AW538975	TC176490	null	Mm.36726
0	0	null	null	null	null
420663	703956	AW539318	TC173740	proliferin, short variant	Mm.22777
18475	26855	AW542464	TC188374	treacle	Mm.2215
131375	109825	AW542939	TC161702	null	Mm.2325
15815	22430	AW543113	TC204577	TNF receptor associated factor	Mm.12898
67740	72847	AW543413	TC187589	null	Mm.30265
17612	24343	AW542890	TC203260	null	Mm.39995
61624	104745	AW542951	TC175144	Ets transcription factor	Mm.3963
6367	4802	AW543375	TC192762	null	Mm.102715
9000	11700	AW543444	null	null	null
11157	25705	AW538171	TC188364	null	Mm.2252
15582	12904	null	null	null	null
0	0	null	null	null	null
89245	121392	AW538340	TC161182	Pinin	Mm.22347
0	0	AW538181	TC202422	null	Mm.46006
16707	13375	AW538221	TC158537	adenylosuccinate lyase	Mm.38151
443436	861856	AW538293	TC189271	null	Mm.36693
18426	22503	AW538348	TC201791	null	Mm.41877
0	0	AW539358	TC157727	kinesin heavy chain	Mm.3380
19522	23835	AW539410	TC159908	null	Mm.4603
18414	24959	AW539474	TC160830	null	Mm.28101

157783	169883	AW539529	TC200864	null	Mm.41116
0	0	AW539365	TC188472	null	Mm.29563
39734	41714	null	null	null	null
16445	13343	AW539489	TC191237	null	Mm.38417
17116	23891	AW539543	TC188649	null	Mm.21128
26678	32633	AW543491	TC187021	null	Mm.4471
0	0	AW543639	null	null	null
107386	158843	AW543705	TC157880	null	Mm.2152
142347	243085	AW543776	TC158243	ribosomal protein	Mm.2235
31023	34341	AW543511	TC189950	null	Mm.28221
62058	84458	AW543662	TC188535	Pontin52	Mm.42195
143637	227266	AW543722	TC161157	null	Mm.27526
37618	36907	AW543790	TC187514	null	Mm.29356
690004	1208847	AW544444	TC186467	insulinoma protein (rig)	Mm.643
24520	30575	AW544529	TC175110	null	Mm.73598
28621	41625	AW544599	TC191269	null	Mm.23125
5860	5346	null	null	null	null
184840	264817	AW544455	TC173507	null	Mm.28438
20745	63790	AW544543	TC159527	macrophage migration inhibitor	Mm.2326
29530	44620	AW544622	TC189797	null	Mm.103518
22828	22496	AW544696	TC192652	null	Mm.29238
221580	286948	AW545788	TC175337	null	Mm.28401
61110	65926	AW536151	TC159545	heat shock protein 65	Mm.1777
168018	262809	AW536095	TC159479	SCF complex protein Skp1	Mm.42944
116181	122291	AW536140	TC158172	heat shock-like protein	Mm.1843
51411	44341	AW545809	TC160325	CD98 heavy chain	Mm.4114
47303	82628	AW536067	TC173303	1-Cys peroxiredoxin	Mm.6587
26901	39616	AW536107	TC203087	null	Mm.90444
0	0	AW536154	TC161651	CTP synthetase	Mm.1815
48111	63842	AW536731	TC186841	null	Mm.24703
16596	52046	AW536773	TC160504	null	Mm.28203
241574	441617	AW536811	TC186454	histone H2A.Z	Mm.916
17529	21681	AW536847	TC160936	snRNP core Sm protein homolog	Mm.7312
427208	722106	AW536743	TC173252	translation repressor NAT1	Mm.525
0	0	null	null	null	null
491108	589070	AW536817	TC159831	null	Mm.90587
101370	176602	AW536856	TC186927	null	Mm.29076
105658	155343	AW544741	null	null	Mm.102759
75204	85418	AW544809	null	null	null
39248	22457	AW544862	TC187488	heat shock protein 105 kDa bet	Mm.34828
41696	66142	AW544924	TC173667	null	Mm.24789
277218	336890	AW544762	TC173366	null	Mm.22626
5773	18752	AW544822	TC202633	Thing1	Mm.4746
0	0	AW544871	null	null	Mm.102766
16122	31891	AW544944	TC184093	null	Mm.102770
40744	61650	AW536164	TC186892	null	Mm.29369
21484	30865	AW536192	TC187215	similar to human Sua1	Mm.29698
300651	395730	AW536223	TC202704	null	Mm.12187
71985	110603	AW536273	TC157715	mCDC46 protein	Mm.5048
26699	41403	AW536176	TC159079	null	Mm.89830
44161	44441	AW536198	TC173626	beta-N-acetylhexosaminidase	Mm.2284

142626	140919	AW536240	TC201137	null	Mm.21911
26790	48224	AW536278	TC175865	L-myc protein	Mm.1055
40954	47908	AW536898	TC160259	ATRX protein	Mm.10141
146782	220323	AW536943	TC202296	null	Mm.23982
39338	53340	AW536984	TC160611	null	Mm.29028
112549	164523	null	null	null	null
225885	506926	AW536904	null	null	Mm.5246
23209	46364	AW536960	TC160665	glypican-3	Mm.22515
68204	111488	AW537002	TC204115	null	Mm.82341
477120	184843	AW537044	TC202547	null	Mm.28994
228653	260993	AW544446	TC175161	null	Mm.28625
354099	526388	AW544531	null	null	null
184436	307387	AW544601	TC202343	disrupter of silencing SAS10	Mm.21181
55294	64761	AW544678	TC204871	null	Mm.102756
309614	633862	AW544468	TC160204	actin-related protein complex	Mm.30010
872964	1052018	AW544549	TC188532	null	Mm.86454
662764	979314	AW544628	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
36770	55956	AW544699	TC188553	null	Mm.44223
218151	386612	AW545789	null	null	Mm.10508
18274	25239	AW536060	TC158347	nedd-1 protein	Mm.2998
50742	102732	AW536098	TC173815	null	Mm.4024
108813	198374	AW536141	TC160893	proteolipid protein 2	Mm.18565
3161	5336	AW545810	TC176104	p53BP2	Mm.35734
12422	22408	AW536068	TC187387	ribonucleotide reductase subun	Mm.656
7615	13455	AW536111	TC188439	null	Mm.34109
196208	270608	AW536155	TC199936	p68 RNA helicase	Mm.19101
62195	70568	AW536733	TC176637	null	Mm.33115
41362	84931	AW536776	TC160569	nucleolar RNA helicase II/Gu	Mm.25264
118803	228070	AW536811	TC186454	histone H2A.Z	Mm.916
40049	51404	AW536848	TC175827	null	Mm.40777
0	0	AW536744	TC202832	null	Mm.23711
0	0	AW536788	TC188309	null	Mm.37617
394341	490200	AW536817	TC159831	null	Mm.90587
41737	106949	AW536858	TC174861	null	Mm.12187
36209	25682	AW544751	TC161293	nucleoside diphosphatase (ER-U	Mm.10211
71698	228316	AW544811	TC157228	Metallothionein-I	Mm.2041
67798	90100	AW544864	TC173795	null	Mm.24855
24313	39246	AW544927	TC202205	null	Mm.9550
255853	347567	AW544765	null	null	Mm.102762
72746	58637	AW544829	TC161030	null	Mm.28664
38721	55359	AW544872	TC158373	null	Mm.35837
551765	670535	AW544945	null	null	Mm.102771
19815	22270	AW536165	TC201320	DNA polymerase gamma	Mm.3616
50467	67045	AW536193	TC175997	null	Mm.52786
33643	46108	AW536229	TC187371	null	Mm.28227
37969	54774	AW536274	TC158940	Sid6061p	Mm.25198
14717	23822	AW536200	TC186900	HS1-associating protein	Mm.7401
18533	24378	AW536241	TC173900	direct IAP binding protein wit	Mm.46716
6033	7603	AW536281	null	null	null
17283	27755	AW536901	TC187423	null	Mm.24625
273031	299056	AW536944	null	null	null

231104	167360	AW536987	TC202274	syntrophin-1	Mm.1541
1095592	1208352	AW537032	TC175869	nuclear protein ZAP	Mm.46674
36118	46212	AW536905	TC173967	thymopoietin alpha	Mm.27314
24930	31069	AW536961	TC159120	ep	Mm.89325
24427	37972	AW537005	TC160435	aortic carboxypeptidase-like p	Mm.35788
161051	390279	AW537045	TC200501	initiation factor 2-associated	Mm.19170
286762	379719	AW544447	TC201938	This gene includes jumping tra	Mm.13912
35181	55795	AW544533	TC200812	cytosolic thymidine kinase	Mm.2661
38524	54679	AW544610	TC157288	null	Mm.37611
701790	908665	AW544679	null	null	null
18298	28302	AW544469	TC163273	null	Mm.87500
43221	71029	AW544550	null	null	null
66770	72136	null	null	null	null
136163	97511	AW544700	TC162467	null	Mm.90390
27845	49810	AW545797	TC201952	null	Mm.22478
14173	23438	AW536062	TC176466	null	Mm.28478
25972	46500	AW536101	TC174867	phosphorylated adaptor for RNA	Mm.21244
109648	182424	AW536142	TC159888	null	Mm.21848
0	0	null	null	null	null
58284	46443	AW536069	TC187730	null	Mm.29735
33234	62566	AW536112	TC173712	modifier 2	Mm.28148
316326	470154	AW536155	TC199936	p68 RNA helicase	Mm.19101
514636	852003	AW536734	TC186580	null	Mm.5612
118954	145683	AW536779	TC201009	COP9 complex subunit 3	Mm.40
1092383	867012	AW536813	TC202978	null	Mm.29123
65482	102456	AW536849	TC200584	cyclin B1	Mm.22569
26040	37859	AW536746	TC160955	null	Mm.66254
46371	67031	AW536789	TC190256	null	Mm.103531
658867	796406	AW536817	TC159831	null	Mm.90587
729665	1087121	AW536861	TC160556	null	Mm.18810
186572	206407	AW544755	null	null	null
38569	60625	AW544813	TC158427	null	Mm.28488
24523	38580	AW544865	TC158523	null	Mm.34311
13259	17004	AW544929	TC180636	null	Mm.102768
79932	112804	AW544771	TC157360	null	Mm.104592
75160	86134	AW544830	TC161365	null	Mm.27569
17313	32400	AW544876	TC187056	null	Mm.30001
85734	133315	AW544947	TC177267	null	Mm.6493
15957	22806	AW536166	TC157342	ajuba; jub	Mm.100253
51742	96859	AW536194	TC188097	null	Mm.28576
0	0	AW536233	TC173357	null	Mm.7091
6677	13909	AW536275	TC179096	null	Mm.40482
221811	232986	null	null	null	null
145265	223240	AW536204	TC159865	X16	Mm.6787
81488	120029	AW536243	null	null	null
0	0	AW536282	TC199433	null	Mm.102499
871211	1899873	AW536904	null	null	Mm.5246
31858	48871	AW536945	TC187826	null	Mm.28414
21800	27312	AW536993	TC159903	null	Mm.30245
31434	103040	AW537036	TC175249	Dutt1 protein	Mm.20832
71570	135368	AW536906	TC173455	Bach2	Mm.21908

134920	176864	AW536963	TC187335	null	Mm.19352
46612	63592	AW537006	TC200562	adapter protein	Mm.24640
151495	326811	AW537048	TC174134	ets2 protein	Mm.22365
79167	86878	AW544448	null	null	null
120683	152875	AW544535	TC174104	null	Mm.30028
5177	4135	AW544613	null	null	null
0	0	AW544685	null	null	null
193349	229754	AW544487	TC188201	null	Mm.29974
127827	167061	AW544551	TC173354	prohibitin or B-cell receptor	Mm.2355
66480	101468	AW544630	TC174664	null	Mm.28200
111012	110411	AW544704	TC174241	null	Mm.29213
0	0	AW545798	TC201807	null	Mm.1585
19042	19423	null	null	null	null
40094	48806	AW536103	TC189390	null	Mm.38473
152019	285453	AW536143	TC186471	t-complex polypeptide 1A	Mm.6797
14231	21953	AW545817	TC174170	folylpolyglutamate synthetase	Mm.3830
74513	93994	AW536071	null	null	null
68762	102933	AW536113	TC161121	null	Mm.22162
147259	159092	AW536156	null	null	null
54709	67823	AW536738	TC200308	BTEB-1 transcription factor	Mm.19788
34482	75539	AW536780	TC187839	SRG3	Mm.1050
18464	25768	AW536814	TC160438	MECA39	Mm.4606
20926	35802	AW536852	TC174357	focal adhesion kinase	Mm.29674
99840	140915	AW536750	TC158284	vacuolar H(+)-ATPase	Mm.30155
32836	33569	AW536790	TC189426	null	Mm.27793
113941	153423	AW536822	TC188221	null	Mm.27389
0	0	AW536862	TC166413	zinc finger protein; Method:	Mm.30405
23183	39512	AW544758	TC177707	null	Mm.45205
45448	73044	AW544817	TC177358	null	Mm.37291
0	0	AW544868	TC162166	null	Mm.20805
331913	363015	AW544934	TC173224	basigin	Mm.726
62278	74012	AW544772	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
116066	103704	AW544952	TC174382	TBPIP	Mm.628
12944	19063	AW536168	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
147879	144373	AW536195	TC186490	null	Mm.16783
53160	96497	AW536234	TC200522	p34 cdc2 kinase	Mm.4761
1726765	1708424	null	null	null	null
19101	19743	AW536177	TC173728	putative tripeptidyl peptidase	Mm.20837
32585	41964	AW536205	TC162863	null	Mm.63496
82406	119256	AW536246	TC174985	null	Mm.86653
131075	171422	AW536284	null	null	null
432187	886706	AW536904	null	null	Mm.5246
119441	143977	AW536947	TC200346	null	Mm.21652
155172	256128	AW536994	TC173153	PR65	Mm.1034
258868	314238	AW537039	TC188835	null	Mm.29783
31198	40024	AW536908	TC159000	similar to Drosophila ash2	Mm.102514
21699	35703	AW536965	TC162417	null	Mm.44250
74215	85171	AW537007	TC161015	null	Mm.34257
182958	337991	AW537050	TC174248	null	Mm.29906

648697	732507	null	null	null
256710	352688	AW544538	TC202382	null
2063404	1746820	AW544616	TC158260	null
233035	310260	AW544687	TC162453	phosphomannomutase
598088	801157	AW544499	TC161117	SKD1
273748	545280	AW544553	TC191510	null
0	0	AW544632	TC191093	EPCS50
78191	122712	AW544705	TC161760	null
113295	127995	AW545801	TC161002	Grb3-3
102641	125108	AW536065	TC201465	null
0	0	AW536104	TC202451	null
41259	63412	AW536152	TC158941	null
12415	23030	AW545818	TC163404	null
85400	128275	AW536073	TC159044	null
449727	352130	AW536115	null	null
167481	295571	AW536740	TC200574	16 kDA protein
205190	227537	AW536784	TC187034	null
131578	83576	AW536815	TC159509	Uridine Phosphorylase
31582	31519	AW536854	TC200407	U5-116kD
152195	194386	AW536750	TC158284	vacuolar H(+)-ATPase
43032	65063	AW536792	TC175158	null
6903	8633	AW536823	TC213095	null
49921	107024	AW536863	TC160811	Ku autoantigen
33551	69162	AW544759	TC207231	null
213005	262257	AW544818	null	null
8790	10653	null	null	null
256091	238044	AW544935	TC175822	N-RAP
332950	476447	AW544776	TC187050	null
63504	61415	AW544831	TC202849	null
37117	46873	AW544881	null	null
61791	65310	AW544953	TC178805	null
99176	254426	AW536169	TC159707	SPARC (aa 1-302)
338102	450053	AW536196	null	null
23459	32715	AW536238	TC160036	embigin precursor
12583	14646	AW536276	TC190863	null
61480	94483	AW536178	TC160164	ribonucleotide reductase subun
130776	131056	AW536206	TC158172	heat shock-like protein
178734	207711	AW536248	TC161556	null
61494	74488	AW536285	TC201772	null
615877	1279319	AW536904	null	null
41565	49771	AW536955	TC174780	null
494451	524092	AW536995	null	null
49017	47248	AW537040	TC190917	null
25861	46975	AW536910	TC190883	null
63323	112232	AW536966	TC173757	SYNCRIP
176445	309249	AW537010	TC200870	thyrotroph embryonic factor
79523	91185	AW537051	TC173942	null
794307	766661	AW544452	null	null
296030	335994	AW544540	null	null
33608	29927	AW544617	TC160724	null
18389	28165	AW544689	TC157710	unnamed protein product

89060	134957	AW544501	TC174192	heme oxygenase (AA 1-289)	Mm.17980
89887	106194	AW544555	TC200375	GTP-binding protein	Mm.6698
380291	341647	AW544638	null	null	Mm.102755
53494	62831	AW544707	TC200352	null	Mm.2184
76118	139418	null	null	null	null
0	0	AW536066	TC164282	null	Mm.5492
79296	90256	AW536106	TC187481	SH3P7	Mm.27622
684425	339298	AW536153	TC176396	microsomal triglyceride transf	Mm.2941
0	0	AW545819	TC190409	null	Mm.34198
22879	37831	AW536074	TC162639	null	Mm.9984
29714	27028	AW536118	TC200586	topoisomerase III beta	Mm.20915
624969	483338	null	null	null	null
1033129	1644386	AW536743	TC173252	translation repressor NAT1	Mm.525
151188	164885	AW536786	TC161979	null	Mm.33819
82520	110791	AW536816	TC158261	null	Mm.38994
16926	26935	AW536855	TC174254	null	Mm.3051
22767	18112	null	null	null	null
197037	262776	AW536795	TC160086	protein kinase	Mm.1761
53320	82112	AW536826	TC187222	null	Mm.28961
0	0	AW536864	TC187981	MyD116 protein (AA 1-657)	Mm.4048
14518	13173	AW544761	null	null	null
419308	764936	AW544819	TC187831	serine/threonine protein kinas	Mm.6645
0	0	null	null	null	null
519740	693771	AW544940	null	null	null
424777	436701	AW544777	TC188772	null	Mm.30012
46414	52587	AW544835	null	null	Mm.102764
145740	125066	AW544883	TC162274	growth factor regulated calciu	Mm.36248
30655	32264	AW544955	TC184095	null	Mm.102773
298901	343865	AW536175	TC200578	alcohol dehydrogenase-B2	Mm.3874
28178	65634	AW536197	TC173629	Tera	Mm.18637
31528	53715	AW536239	TC162129	null	Mm.24685
50188	66313	AW536277	TC176953	null	Mm.32505
95593	152495	AW536179	TC189303	null	Mm.30927
259728	308148	AW536207	TC186465	null	Mm.21840
56623	71546	AW536253	TC203232	monocarboxylate transporter 4	Mm.28632
30720	22860	AW536289	TC176002	null	Mm.38245
613397	1143113	AW536904	null	null	Mm.5246
489874	431049	AW536959	TC200776	null	Mm.29296
565399	452310	AW537000	TC203352	null	Mm.72009
44187	45502	AW537042	TC203574	null	Mm.46620
11162	9497	AW536911	TC173144	CD97 antigen	Mm.28222
0	0	AW536967	TC176239	enhancer-trap-locus-1	Mm.3764
314876	419704	AW537011	TC200661	null	Mm.21932
50416	68091	AW537053	TC202016	null	Mm.100210
0	0	null	null	null	null
218785	302853	AW537584	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
0	0	AW537640	TC159424	tissue inhibitor of metallopro	Mm.4871
19312	22696	AW537679	TC201776	null	Mm.44151
0	0	AW537526	TC200549	null	Mm.23014
0	0	AW537596	TC162405	null	Mm.28233
21852	30906	AW537649	TC173096	GAMM1 protein	Mm.29506

9724	21954	AW537736	TC190467	null	Mm.11095
50609	72645	C76826	TC187355	[Mouse primary response gene B	Mm.4348
459192	675617	C76908	TC180362	null	null
78670	66588	C76978	TC205273	null	Mm.24301
0	0	C77056	TC161009	disabled 2 interacting protein	Mm.6370
0	0	C76840	null	null	null
5137	5208	C76923	TC212588	null	Mm.24933
0	0	C76992	null	null	null
0	0	C77080	TC175594	null	Mm.22929
23795	31512	C78041	null	null	Mm.24980
0	0	C78109	null	null	null
0	0	C78197	null	null	null
0	0	C78297	null	null	null
0	0	C78061	null	null	null
11551	16625	C78128	null	null	null
668466	610360	C78231	null	null	Mm.29590
0	0	C78321	null	null	Mm.88704
48663	70322	AW537777	TC174271	translocase of inner mitochond	Mm.24565
262354	208356	AW537821	TC200194	cytochrome c	Mm.35389
5230	7570	AW537731	TC158615	null	Mm.100791
4035	5486	C76013	TC201589	null	Mm.31946
15835	27840	AW537791	TC173099	non-erythrocyte beta spectrin	Mm.3914
56077	68635	AW537692	TC160779	null	Mm.21396
8035	9701	C75957	TC178225	null	Mm.6358
0	0	C76046	null	null	null
0	0	C77119	null	null	null
0	0	C77215	TC191587	null	null
10433	16447	C77296	null	null	Mm.24941
23813	18747	C77370	null	null	Mm.24953
30424	33644	C77135	TC185632	null	null
277385	499401	C77236	null	null	Mm.5591
35629	40929	C77314	TC179010	null	Mm.24936
0	0	C77396	null	null	null
67148	73301	C78388	TC161579	null	Mm.27809
28762	35427	C78454	TC161570	null	Mm.24095
0	0	C78520	null	null	null
19476	24131	C78587	null	null	null
0	0	C78403	null	null	Mm.24990
12913	19182	C78475	null	null	null
59049	64455	C78532	null	null	Mm.5715
94532	174575	C78610	TC173398	synexin	Mm.20794
171721	293634	AW537514	null	null	Mm.102527
35284	49862	AW537586	TC200835	ATP-dependent RNA helicase	Mm.3935
35069	50640	AW537641	TC173813	null	Mm.28536
20422	22816	AW537682	TC186889	null	Mm.29369
15353	25960	AW537527	TC186776	null	Mm.18579
40369	55144	AW537599	TC160917	ponsin-1	Mm.29030
60730	99462	AW537650	TC201475	null	Mm.46521
41953	50940	AW537739	TC190578	null	Mm.93266
1384702	3019718	C76830	TC158271	ribosomal protein S26	Mm.372
40706	76879	C76909	TC203230	null	null

28544	35297	C76979	null	null	null
13157	11167	C77057	TC181037	null	Mm.76756
99434	180585	C76846	TC161850	null	Mm.23842
40267	48771	C76924	null	null	Mm.34931
0	0	C76998	TC178050	null	Mm.101735
0	0	C77082	TC165069	null	Mm.14225
20359	30664	C78042	null	null	null
392650	462142	C78110	TC160279	proteasome subunit C9	Mm.30270
47182	74686	C78200	null	null	null
10187	13878	C78300	null	null	null
27344	46232	C78062	TC173399	unnamed protein product	Mm.831
26120	32456	C78131	TC202691	null	Mm.24984
160383	199204	C78236	TC160909	SH3P2	Mm.4165
31310	44482	C78324	null	null	null
7482	12985	AW537781	TC206114	null	Mm.37758
63571	96980	AW537824	TC186993	null	Mm.41743
57372	92362	C76020	null	null	Mm.42670
266843	291341	AW537792	TC158850	glucose-regulated protein 78	Mm.918
236859	280756	AW537693	null	null	null
141960	178490	C75959	TC163194	null	Mm.14008
11188	5927	C76047	TC174909	corticosteroid-binding globuli	Mm.2874
17157	33058	C77120	null	null	null
5778	10478	C77218	null	null	null
0	0	C77298	null	null	null
9955	11992	C77371	null	null	null
13548	10675	C77137	null	null	Mm.44016
33594	41043	C77241	null	null	null
583402	696822	C77316	TC174455	null	Mm.29107
0	0	C77400	null	null	null
24850	11030	C78393	TC180067	null	Mm.88597
98641	119479	C78462	null	null	null
0	0	C78523	TC202776	intermediate filament protein	Mm.23742
0	0	C78591	null	null	null
30051	47790	C78405	null	null	null
372441	621215	C78478	null	null	null
14377	19116	C78534	TC208338	null	null
375746	495399	C78611	TC160426	null	Mm.22086
10578	12175	AW537516	TC175738	transmembrane receptor	Mm.33495
28162	32478	AW537587	TC172589	null	null
9912	52745	AW537642	TC189015	null	Mm.41394
0	0	AW537683	TC175872	null	Mm.41577
0	0	AW537528	null	null	null
7958	7543	AW537603	TC173892	putative intracellular signali	Mm.27063
0	0	AW537651	TC164523	null	Mm.87242
36388	44104	AW537740	null	null	null
39012	52751	C76834	null	null	null
65511	88203	C76913	null	null	null
44780	68467	C76981	TC202291	null	Mm.6419
72019	83176	C77058	TC169328	null	null
158180	129702	C76851	TC174000	null	Mm.24222
21421	27246	C76938	null	null	null

145523	304027	C77000	TC158395	null	Mm.28726
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13833	21180	C78205	null	null	null
46093	63811	C78303	TC189208	null	Mm.27493
22208	22265	C78063	null	null	null
285166	352076	C78132	TC201709	null	Mm.22121
105878	126738	C78242	null	null	Mm.34937
18490	16494	C78326	null	null	null
349456	504482	AW537784	TC159791	null	Mm.28692
20886	34032	AW537825	TC178451	null	Mm.45408
5579	13294	C75945	null	null	null
0	0	C76023	null	null	null
30288	49684	AW537793	TC174494	PMP34 protein	Mm.306
99723	129896	AW537694	TC186878	null	Mm.12110
40718	43769	C75962	null	null	Mm.3953
15999	18442	C76049	TC189263	null	Mm.25296
0	0	C77123	null	null	null
26187	41786	C77223	TC201212	RNA polymerase II largest subu	Mm.16533
0	0	C77302	null	null	null
0	0	C77373	TC193691	null	Mm.34933
0	0	C77144	null	null	Mm.5580
861351	1675431	C77246	null	null	null
16501	12459	C77319	TC169538	null	null
0	0	C77401	null	null	null
29782	37001	C78395	TC159004	Ap-3 complex beta3A subunit	Mm.21185
0	0	C78467	null	null	null
0	0	C78524	null	null	null
0	0	C78602	null	null	null
0	0	C78409	null	null	null
165104	350148	C78481	TC186862	centrosomin B	Mm.2238
50971	46160	C78535	null	null	Mm.24993
0	0	C78616	null	null	Mm.5725
0	0	AW537519	TC190589	null	Mm.24869
0	0	AW537590	null	null	null
14399	22629	AW537645	TC202036	RNA polymerase I largest subun	Mm.7387
11074	19801	AW537685	TC187798	null	Mm.29795
23360	49558	AW537534	TC188102	null	Mm.27685
97183	140019	AW537604	TC187127	FK-506 binding protein homolog	Mm.6565
234246	324001	AW537654	TC173698	null	Mm.2573
50191	69946	AW537744	TC203216	protein inhibitor of activated	Mm.38869
9498	6720	C76835	TC157433	null	Mm.87684
76422	138848	C76985	null	null	null
121196	78403	C77059	TC201710	prolidase	Mm.69751
385162	369295	C76855	TC187519	golgi SNARE	Mm.22114
84549	94824	C76940	TC205896	null	Mm.24932
110293	137777	C77009	null	null	Mm.27511
8493	8002	C77086	null	null	Mm.24935
98328	107505	C78046	TC160083	null	Mm.22559
53914	127869	C78116	TC175516	null	Mm.21619

73828	83616	C78211	TC179909	null	Mm.24810
224663	390751	C78312	TC157633	Seryl-RS	Mm.28688
38208	71077	C78065	TC186921	null	Mm.28239
11146	8880	C78135	null	null	null
81643	120511	C78248	null	null	Mm.24989
9431	13715	C78330	TC170327	null	Mm.26195
24337	27574	AW537786	null	null	null
16960	17206	AW537827	TC177378	null	Mm.81940
134964	211061	C75946	TC157728	kinesin heavy chain	Mm.3380
7814	13270	C76031	TC176287	null	Mm.26002
6808	12014	AW537794	TC161252	null	Mm.36291
174332	322527	AW537695	TC187362	HMG-CoA reductase	Mm.2226
97269	109122	C75966	TC199953	null	Mm.25154
0	0	C76056	null	null	null
30165	39596	C77127	TC175131	null	Mm.29667
76994	151944	C77307	null	null	Mm.90054
0	0	C77381	null	null	null
0	0	C77147	TC193692	null	Mm.65333
0	0	C77250	TC175932	null	Mm.23018
0	0	C77320	null	null	null
18427	24532	C77402	TC201014	CD84 leukocyte antigen	Mm.21882
86403	98162	C78398	TC173807	APRT	Mm.1786
416429	521199	C78472	null	null	Mm.34497
398719	412046	C78525	TC160242	null	Mm.4859
9871	14041	C78606	TC191378	null	Mm.22979
43765	29945	C78412	TC176223	null	Mm.7326
25631	37642	C78482	null	null	Mm.5710
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49022	54384	C78618	TC204640	null	Mm.23467
4910	7554	AW537520	TC201517	null	Mm.2455
46689	58164	AW537594	TC173260	null	Mm.28219
58966	97555	AW537646	TC186432	beta-catenin	Mm.3476
18842	30629	AW537687	TC189318	general transcription factor I	Mm.28619
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13017	19765	AW537606	TC202924	myosin X	Mm.60590
101893	139562	AW537655	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
39368	42901	AW537746	TC161381	null	Mm.22602
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40409	42341	C76921	TC167061	null	Mm.5548
0	0	C76986	null	null	null
21311	27845	C77074	TC180474	null	null
129170	155744	C76856	TC161951	null	Mm.4948
118215	220312	C76941	TC187073	null	Mm.15701
125873	142585	C77010	null	null	null
9181	11274	C77087	TC175139	null	Mm.104399
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30606	42539	C78125	TC192735	null	Mm.74666
0	0	C78226	null	null	null
53408	77413	C78316	TC159019	null	Mm.35829
26995	38210	C78067	TC180303	null	Mm.5674
38876	52355	C78137	null	null	Mm.16861

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78825	82326	AW537689	TC173559	null	Mm.30068
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52146	77898	AW537796	TC174413	U2-snRNP-specific b"	Mm.1323
110272	87110	AW537697	TC189079	null	Mm.41767
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15343	8945	C77229	TC201018	null	Mm.21882
44606	77575	C77308	null	null	null
4836	11002	C77383	null	null	Mm.43952
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46702	65551	C78413	TC158365	null	Mm.21714
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33565	44748	C78542	TC193175	null	Mm.43660
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34153	37869	AW537595	TC160108	null	Mm.29572
37108	34995	AW537647	TC172592	null	null
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107829	112723	AW537542	null	null	null
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8121	14611	AW537657	TC174054	null	Mm.30158
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24292	27602	C76839	TC193882	null	null
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33305	38458	C77078	TC200806	endophilin II	Mm.1773
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35594	62220	AW537790	TC200652	null	Mm.12267
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78803	78904	C75952	TC206304	null	Mm.28251
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61534	65831	C76063	null	null	Mm.24888
66112	58593	C77132	TC201765	alpha-adaptin C	Mm.14555
0	0	C77235	null	null	null
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822361	1053972	C77408	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
199107	285300	C78402	TC160672	null	Mm.28618
133650	162057	C78474	TC162089	hydroxymethyltransferase	Mm.34759
53632	72492	C78528	TC189433	nuclear phosphoprotein	Mm.3953
196789	269423	C78609	TC157219	null	Mm.13427
80020	106356	C78421	TC201354	11-zinc-finger transcription f	Mm.493
1421216	2454332	C78484	TC159432	put. eEF-TU (aa 1-94)	Mm.16317
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15836	10365	C78624	null	null	null
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29249	36292	C79246	null	null	Mm.43925
0	0	C79329	null	null	Mm.25029
33171	45700	C79420	TC188346	null	Mm.24671
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11013	18153	C80444	TC202148	null	Mm.5949
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0	0	C80654	null	null	null
7652	8617	C80392	TC173399	unnamed protein product	Mm.831
16694	22017	C80485	TC188234	zinc finger RNA binding protei	Mm.21515
0	0	C80583	null	null	null
19267	33313	C80672	TC201546	null	Mm.34798
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55459	63821	C85429	TC203153	null	null
0	0	C85499	TC174894	null	Mm.25808
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7176	7274	C79547	null	null	null
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0	0	C79490	null	null	Mm.13300

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22856	31029	C80733	TC174411	cYKi2	Mm.31530
0	0	C80852	TC192504	null	Mm.24840
0	0	C81050	null	null	null
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51390	78810	C80870	TC170316	null	null
36690	50657	C80967	TC202003	null	Mm.20559
0	0	C81070	null	null	null
26123	34456	C85564	TC194768	null	null
0	0	C85667	TC211027	null	null
0	0	C85743	null	null	Mm.25395
47899	60286	C85810	TC163149	MDM2-like p53-binding protein	Mm.25403
5602	11930	C85576	null	null	null
16620	16452	C85699	null	null	null
0	0	C85762	null	null	Mm.7754
8627	8656	C85835	TC204005	null	Mm.9615
38563	58913	C79170	TC200570	IQ motif containing GTPase act	Mm.56685
0	0	C79230	null	null	null
0	0	C79307	null	null	Mm.25025
72551	26426	C79394	TC192758	null	Mm.5829
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27290	41893	C80570	TC201546	null	Mm.29066
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11957	9537	C85252	TC175812	secretogranin III	Mm.2386
8338	6712	C85328	null	null	null
2910	8541	C85410	null	null	null
12607	10231	C85488	TC163016	null	Mm.19831
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22543	20793	C79476	null	null	null
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8083	9067	C85812	null	null	null
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29627	32541	C85702	TC157644	coproporphyrinogen oxidase	Mm.35820
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0	0	C85840	TC187421	null	Mm.9616
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8721	16717	C79309	null	null	Mm.88235
64141	102060	C79397	TC202377	null	Mm.24765
14223	28090	C79184	TC173335	pendulin	Mm.12508
0	0	C79256	null	null	null
11397	16264	C79334	TC190518	muscle-specific basic helix-lo	Mm.5820
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27289	33134	C80494	null	null	Mm.5953
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13046	19776	C85257	null	null	null
107990	152949	C85330	TC174008	aldolase C	Mm.7729
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11962	14492	C85491	null	null	null
19865	25088	C85283	TC163421	null	Mm.23828
99537	92850	C85347	null	null	null
11178	11544	C85432	TC189533	null	Mm.29063
0	0	C85504	null	null	null
17089	32156	C79479	TC161229	cartilage-associated protein (Mm.20904
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0	0	C79617	null	null	null
0	0	C79686	null	null	null
0	0	C79506	null	null	null
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9856	14122	C79636	null	null	null
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23488	39241	C80749	TC190678	null	Mm.5980
0	0	C80861	null	null	null
0	0	C80954	null	null	null
8471	9895	C81058	TC163763	null	Mm.25097
3297	8588	C80786	TC189061	null	Mm.28900

26146	32126	C80874	TC173324	null	Mm.22470
27162	53692	C80972	TC188729	null	Mm.1654
8051	6739	C81076	TC162341	inter-alpha-inhibitor H1 chain	Mm.3227
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2882	3794	C85681	null	null	null
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0	0	C79174	null	null	Mm.5796
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0	0	C79310	TC212613	null	Mm.25026
10879	13248	C79409	null	null	null
122587	131986	C79185	TC157651	precursor Apoprotein A-I	Mm.87235
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91882	117649	C79433	TC203902	null	Mm.21144
29870	42335	C80381	TC187263	null	Mm.8324
15173	18014	C80473	null	null	null
6622	9568	C80576	null	null	null
94679	67388	C80662	TC159923	small EDRK-rich factor 2	null
0	0	C80405	null	null	Mm.45194
69065	152299	C80501	TC187682	null	Mm.29762
11211	21175	C80587	TC157257	null	Mm.45744
0	0	C80677	null	null	null
15100	11651	C85263	null	null	Mm.10137
11340	10967	C85331	TC162030	null	Mm.25189
11217	12921	C85422	null	null	Mm.16929
6045	13004	C85492	TC174081	null	Mm.25383
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0	0	C85351	null	null	null
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4333	10069	C79644	null	null	null
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4455	5963	C80751	null	null	null
17510	21590	C80862	TC186505	null	Mm.21802
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766816	470692	C85570	TC200060	malate dehydrogenase	Mm.3156

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18575	21326	C80595	TC176529	null	Mm.7463
13634	22248	C80678	null	null	Mm.25084
34569	41443	C85267	TC202281	null	Mm.28991
32480	45731	C85334	TC162381	null	Mm.28819
51746	52420	C85424	TC165657	null	Mm.44724
13013	15651	C85493	null	null	null
25864	21184	C85285	TC192666	null	Mm.21523
39197	48029	C85352	TC162126	null	Mm.41797
19644	20226	C85434	null	null	Mm.9591
0	0	C85510	null	null	null
28224	59420	C79482	null	null	Mm.1249
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0	0	C79627	null	null	null
7764	14129	C79696	null	null	null
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0	0	C79579	null	null	null
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0	0	C79710	TC205548	null	Mm.101836
0	0	C80758	TC207534	null	Mm.44565
0	0	C80868	null	null	Mm.25091
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0	0	C81062	TC175596	null	Mm.21115
0	0	C80806	null	null	null
0	0	C80877	TC201015	null	Mm.5902
10972	10895	C80976	null	null	Mm.9086
14116	22458	C81078	TC189227	null	Mm.24021
18719	14292	C85571	null	null	null
12736	13686	C85695	TC187563	null	null
8821	10189	C85760	TC194876	null	null
23530	30213	C85829	TC203648	null	Mm.25396

20039	23054	C85590	TC177796	null	Mm.38628
41366	55730	C85709	TC186693	null	Mm.6072
7905	11518	C85771	null	null	null
0	0	C85845	TC175847	ganglioside-induced differenti	Mm.18218
176037	254709	C79177	TC173905	glutathione reductase	Mm.20288
14695	16978	C79245	null	null	Mm.34942
219813	232210	C79324	TC159619	pyruvate dehydrogenase	Mm.34775
28909	27553	C79187	null	null	Mm.30098
0	0	C79267	TC204476	null	Mm.31342
28547	27215	C79341	TC174458	null	Mm.25149
5776	7426	C79444	TC191480	null	Mm.103402
19943	13976	C80388	TC197082	null	Mm.29838
12415	10482	C80479	null	null	null
44603	46365	C80582	null	null	null
62521	72737	C80667	TC174733	null	Mm.30008
0	0	C80407	null	null	null
0	0	C80506	TC188907	null	Mm.22765
0	0	C80597	null	null	null
46785	65557	C80679	TC200384	C7-1 protein	Mm.21961
0	0	C85272	TC190635	null	Mm.28763
1039181	866738	C85340	null	null	Mm.7730
12707	16648	C85427	TC200955	unknown	Mm.21268
0	0	C85496	TC162494	null	Mm.21078
12487	17989	C85287	TC175108	null	Mm.25305
117059	34792	C85356	TC191042	null	null
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0	0	C79489	null	null	null
31590	28343	C79558	null	null	Mm.25040
203030	201036	C79628	TC174147	PA28 alpha subunit	Mm.830
0	0	C79697	TC200133	A10	Mm.16898
0	0	C79512	null	null	null
55653	90542	C79581	TC187288	null	Mm.28687
31361	30821	C79646	null	null	null
24611	59425	C79711	null	null	Mm.22482
0	0	C80759	TC157271	null	Mm.31137
0	0	C80869	null	null	null
69787	76092	C80966	TC173792	small zinc finger-like protein	Mm.30718
23871	38793	C81065	TC174684	spermidine synthase	Mm.10
19018	38093	C80807	TC201356	zeta-crystallin/quinone reduct	Mm.3534
0	0	C80893	null	null	null
56938	60638	C80983	TC187847	null	Mm.24110
0	0	C81080	TC189486	null	Mm.27779
35543	46212	C85572	TC190663	null	Mm.9598
59549	44807	C85697	null	null	Mm.42371
0	0	C85761	TC166400	null	Mm.25480
48556	44603	C85831	TC192515	null	null
9742	11250	C85598	null	null	null
53794	38072	C85710	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
61172	46543	C85779	TC190880	null	Mm.46582
0	0	C85850	null	null	null

0	0	C86497	TC188081	null	Mm.30221
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0	0	C86617	TC189386	null	Mm.30033
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0	0	C86509	null	null	null
9960	11879	C86579	TC190562	null	Mm.25486
104532	119534	C86632	TC161282	I-TRAF	Mm.1803
0	0	C86748	TC160553	transforming growth factor-be	Mm.18213
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0	0	C87890	null	null	null
0	0	C87987	null	null	Mm.25522
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65404	98259	AU022315	null	null	null
0	0	AU022373	null	null	null
19984	32611	AU022430	null	null	Mm.11845
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15718	16618	AU022445	null	null	null
0	0	AU022493	null	null	null
0	0	C86809	null	null	null
42518	45604	C86882	TC190192	null	Mm.12054
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12877	16085	C86911	null	null	Mm.104460
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0	0	C87044	null	null	null
39201	37504	C88057	TC161976	null	Mm.9806
0	0	C88146	null	null	null
11242	16856	C88212	TC195179	null	null
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26044	35874	C86563	TC187149	null	Mm.28955
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152228	188639	C86712	TC173809	preprodipeptidyl peptidase I	Mm.684
37909	39840	C86515	TC189055	null	Mm.34714
26911	33685	C86580	TC201271	homologous to the yeast YGR163	Mm.28746
23579	27769	C86638	TC190317	null	Mm.23930
77650	72710	C86753	TC212416	null	Mm.42292
0	0	C87717	null	null	null
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0	0	C87892	TC201640	arginine methyltransferase	Mm.25516
0	0	C87988	TC191558	null	Mm.7784
7429	13372	C87749	TC191251	null	Mm.25511
24510	15700	C87836	TC163432	null	Mm.23780
0	0	C87911	null	null	null
4406	6310	C88001	TC190057	null	Mm.22331
40519	40019	AU022316	TC176022	null	Mm.86647
0	0	AU022374	null	null	null
11837	12761	AU022432	TC190975	null	Mm.13800
19776	20377	AU022485	TC163110	espin	Mm.32006
32620	107417	AU022324	TC187956	legumain	Mm.17185
63997	35522	AU022388	TC174397	null	Mm.27837
18200	15605	AU022447	null	null	null
114596	197275	AU022495	null	null	Mm.11854
48813	49551	C86813	TC200968	null	Mm.34576
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0	0	C86974	null	null	Mm.9711
0	0	C87037	null	null	null
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0	0	C86913	null	null	null
33282	46881	C86985	TC157954	AMP deaminase H-type	Mm.3238
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12543	11969	C88059	null	null	Mm.9807
76481	83915	C88148	TC161471	null	Mm.14816
0	0	C88216	TC204137	null	Mm.25535
9445	22655	C88310	TC174491	zinc finger protein	Mm.23862
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0	0	C88166	null	null	null
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67161	85282	AU022647	TC159952	vacuolar adenosine triphosphat	Mm.29771
13866	11514	AU022706	null	null	null
12212	15857	AU022547	TC187248	null	Mm.12553
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0	0	C86716	null	null	Mm.25443
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93491	91348	C86639	TC176297	null	Mm.25435
16037	21442	C86755	TC160250	null	Mm.9693
44351	92696	C87721	null	null	Mm.37994
35139	39519	C87820	TC188239	Williams-Beuren syndrome delet	Mm.1717
7186	8322	C87895	null	null	null
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13612	11440	C88008	TC169523	null	null
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27171	27119	AU022434	TC183085	null	Mm.11846
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27719	27653	AU022325	TC188741	putative ras effector Nore1	Mm.10133
70417	106630	AU022389	TC161617	UDP-Gal:glucosylceramide beta-	Mm.26364
16074	12335	AU022448	null	null	null
0	0	AU022499	null	null	null
0	0	C86821	null	null	null
7926	8848	C86888	TC176523	null	Mm.34413
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14116	15180	C87038	null	null	Mm.25429
0	0	C86832	TC176652	inositol 1,4,5-trisphosphate r	Mm.7800
252785	323997	C86919	null	null	null
41317	56697	C86988	null	null	null
21077	31187	C87052	TC189556	polycomb-group proteins	Mm.9718
8991	15414	C88061	null	null	null
17480	22761	C88149	TC173346	lysyl hydroxylase 3	Mm.41486
14851	17790	C88217	null	null	null
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45500	56072	C86654	TC164172	null	Mm.14508
50588	58304	C86757	TC162021	null	Mm.25445
133804	143621	C87724	TC189892	null	Mm.36708
33771	49269	C87823	null	null	Mm.41106

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9162	11667	C87841	null	null	null
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60609	47507	C86506	TC174194	null	Mm.37381
116031	133374	C86567	TC171040	null	null
488123	646863	C86630	TC173767	null	Mm.30069
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71309	69955	C86521	TC161983	null	null
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17773	23871	C87832	TC175278	unnamed protein product	Mm.28198
2252885	1336107	C87907	TC200060	malate dehydrogenase	Mm.104629
22606	37480	C87992	null	null	null
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11169	19356	C86841	TC161449	NAB1	Mm.25903
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51947	58248	C86995	TC163048	null	Mm.29396
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21846	25446	C88065	TC202064	cysteine-rich repeat-contains	Mm.63535
10832	13680	C88157	TC162495	RING finger protein AO7	Mm.27798
31586	24108	C88232	TC200404	unnamed protein product	Mm.9819
24639	42982	C88318	TC202059	null	Mm.28718
10281	5889	C88087	TC161215	PBX3b	Mm.7331
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83776	94766	C86631	TC174226	null	Mm.29200
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9067	9265	C86590	null	null	null
19559	21649	C86664	TC187442	F-box protein FBL12	Mm.24608
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697929	1346559	AU023376	null	null	Mm.103819
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24365	27360	AU018928	TC201773	null	Mm.28240
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23632	25387 AU019021	TC188663	null	Mm.11473
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14897	11855 AU023613	TC202902	null	Mm.11680
66908	77701 AU023682	null	null	Mm.34775
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116367	170654 AU019120	TC173998	null	Mm.21383
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85504	108400 AU023267	TC161036	null	Mm.23910
32990	46004 AU023329	TC188358	null	Mm.21553
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21728	27837 AU023428	TC202469	null	Mm.12258
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7100	9253 AU023344	TC189019	null	Mm.22361
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196125	117457 AU018778	TC203474	null	Mm.29110
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226951	203555	AU023566	null	null	null
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25922	29982	AU019102	TC187585	null	Mm.29540
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0	0	AU019289	null	null	Mm.11498
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15928	20029	AU018939	null	null	null
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54551	62727	AU018782	TC175183	null	Mm.5383
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441235	338961	AU019031	TC195619	null	Mm.14775
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0	0	AU023676	null	null	null
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26293	21083	AU019142	null	null	Mm.31452
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26795	32090	AU019313	TC164152	null	Mm.10780
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29849	42960	AU020256	TC175339	null	Mm.20697
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7671	10522	AU014786	TC189850	teashirt 2	Mm.45076
7661	13122	AU014862	TC177671	null	null
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41640	41500	AU015901	null	null	null
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8721	10425	AU014848	null	null	Mm.25880
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89669	98156 AU020932	TC173819	null	Mm.10167
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23893	14927 AU015157	TC197134	null	Mm.25898
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35843	34505 AU016202	null	null	Mm.7784
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54562	67234	AU017323	TC187743	null	Mm.27528
13683	16746	AU017112	null	null	Mm.42460
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84517	82027	AU040133	TC164949	null	Mm.21889
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27846	28050	AU040306	TC157305	null	Mm.34867
21144	20264	AU018258	TC183664	null	Mm.26087
65507	68457	AU040148	TC177384	ninein	Mm.4569
65698	76403	AU040241	TC193803	null	Mm.18186
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58913	45514	AU017550	TC192117	null	Mm.26053
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157433	160019	AU040439	TC194648	null	null
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0	0	AU043307	null	null	Mm.17727
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0	0	AU043698	null	null	Mm.17751
0	0	AU044662	null	null	null
20690	30618	AU044767	null	null	Mm.17818
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0	0	AU041566	null	null	Mm.26028
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0	0	AU042834	null	null	null
21474	28969	AU042892	null	null	Mm.26847
32286	33346	AU042964	TC189766	null	Mm.26848
62004	90786	AU043030	TC203559	null	Mm.44191
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13994	24292	AU042918	TC173439	poly (ADP-ribose) polymerase (Mm.9248
59741	81260	AU042986	TC174068	null	Mm.28872
0	0	AU043047	TC164163	null	Mm.18796
126081	132182	AU045064	TC202168	null	Mm.24602
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0	0	AU045279	null	null	Mm.17847
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0	0	AU041869	TC189213	null	Mm.19029
0	0	AU041948	TC160642	null	Mm.17631
0	0	AU042012	null	null	Mm.17637
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13583	18126	AU041882	TC170255	null	Mm.17655
16806	16840	AU041965	null	null	Mm.30637
46650	67489	AU042026	TC188021	null	Mm.26567
77366	160804	AU042101	TC159953	null	Mm.1268
19590	25283	AW546029	TC157385	null	null
53014	112955	AW545969	TC200181	basement membrane collagen alp	Mm.738
336742	405479	AW546099	TC174473	small nuclear ribonucleoprote	Mm.27669
293404	607985	AW546168	TC199928	5S ribosomal protein	Mm.5291
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45287	69420	AW546128	TC204123	null	Mm.12090
11146	14451	AW546180	null	null	null
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87773	86688	AU044772	TC174312	null	Mm.3886
12675	17135	AU044884	null	null	null
19128	25975	AU044970	null	null	Mm.17891
26961	38974	AU044699	TC173339	WS-3 protein	Mm.90496
52854	85467	AU044800	null	null	null
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9576	22911	AU044993	TC164232	null	Mm.21099
7017	14127	null	null	null	null
13488	19758	AU041627	TC163090	putative	Mm.1480
0	0	AU041709	null	null	null
83896	98829	AU041772	TC187607	null	Mm.18968
0	0	AU041570	null	null	null
22247	19000	AU041656	TC174536	null	Mm.29358
52640	63564	AU041722	TC158244	14-3-3 theta protein	Mm.14722
17627	16811	AU041795	TC203854	mDab555 protein	Mm.18527
121220	121335	AU042837	TC186653	peroxisomal membrane protein 2	Mm.30215
90645	102806	null	null	null	null
6317	14402	AU042966	null	null	null
22222	40206	AU043032	null	null	null
13343	13621	AU042851	null	null	null
98115	188098	AU042923	TC200205	null	Mm.19130
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45402	46789	AU043052	null	null	Mm.37214
5604	8944	AU045067	null	null	null
10279	8654	AU045188	TC205137	Ring1 interactor RYBP	null
18183	20044	AU045281	TC162624	null	Mm.31607
0	0	AU045407	TC173775	hypothetical protein	Mm.30079
31521	43360	AU045087	TC202254	DNA-binding protein	Mm.8137
20530	26314	AU045211	TC204174	null	Mm.17840
1300718	1027360	AU045293	TC202796	null	Mm.7280
32868	45956	AU041871	TC188630	null	Mm.26834
9513	16283	AU041950	null	null	null
150881	230065	AU042016	TC189095	protein kinase	Mm.18856

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13130	16166	AU041884	TC205959	null	Mm.17629
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11165	9313	AU042027	null	null	Mm.17639
15342	18263	AU042102	null	null	Mm.17642
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1133795	1318794	null	null	null	null
53851	342777	AW546106	TC157316	thymidylate synthase (EC 2.1.1	Mm.5879
146298	306912	AW546168	TC199928	5S ribosomal protein	Mm.5291
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18595	25997	AW546130	null	null	null
27342	37403	AW546181	TC200355	null	Mm.28021
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0	0	AU044885	null	null	Mm.17849
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14399	23141	AU044904	TC176081	null	Mm.17823
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14925	22797	AU041724	TC175229	protein-tyrosine-phosphatase	Mm.2668
19578	17767	AU041801	null	null	Mm.100195
0	0	AU042839	null	null	null
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132381	157415	AU045309	null	null	Mm.21600
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38619	35670	AU041875	TC175799	apolipoprotein B mRNA-editing	Mm.3333
13402	10687	AU041952	TC162978	3'-5' exonuclease TREX1	Mm.17632
87138	262745	AU042018	TC173940	null	Mm.23865
27582	37967	AU042092	TC189033	null	Mm.5018
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68843	109961	AW545976	TC187308	COP9 complex subunit 7a	Mm.1444
37007	70717	AW546131	TC162023	glycosylphosphatidylinositol-s	Mm.2779
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33003	50324	AU045423	TC176440	null	Mm.22581
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20581	39033	AU042020	TC203802	null	Mm.18130
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437290	352920	AU042998	TC158316	null	Mm.548
282084	547441	AU043067	TC158871	60S ribosomal protein	Mm.42578
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23678	26839	AU045208	TC201507	null	Mm.22705
27651	37660	AU045289	null	null	Mm.17848
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45615	44102	AU045220	TC169888	null	Mm.17852
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15151	19910	AU041880	TC187594	null	Mm.31586
17884	21143	AU041955	null	null	Mm.27700
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87056	99800	AU044795	TC186815	null	Mm.24460
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36361	56753	AU044985	null	null	null
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26767	30590	AU041788	TC174654	null	Mm.1506
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0	0	AU041734	null	null	null
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44943	40847	AW546127	null	null	null
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33388	41280	AW545936	TC173551	sid1334p	Mm.3049
31290	29815	AW545984	null	null	null
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371341	338355	AW546194	null	null	Mm.102805
84058	83690	AW546889	null	null	null

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23829	44986	AW546919	TC162339	null	Mm.33761
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80237	75105	AW548801	TC160651	null	Mm.27213
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139232	180256	AW548945	TC200324	null	Mm.1571
35194	114978	AW549116	null	null	null
0	0	AW548822	TC207994	null	Mm.102877
65614	89519	AW548903	TC190403	null	Mm.40298
1035874	1023277	AW549049	TC187234	null	Mm.46316
215588	293053	AW548958	TC159256	null	Mm.69021
26261	90738	AW550270	TC187556	tenascin precursor	Mm.980
10555	18170	AW550432	TC201374	null	Mm.32185
103839	109983	AW550531	null	null	Mm.4322
45531	61791	AW550285	TC174798	eIF4E-like protein 4E-LP	Mm.3002
14154	18070	AW550473	TC177227	null	Mm.92904
11802	25167	AW550547	TC199929	mismatch-specific thymine-DNA	Mm.88099
33694	52642	AW546890	TC190342	attractin	Mm.11677
306761	290793	AW546997	TC173541	null	Mm.353
11885	17036	AW547071	null	null	null
229312	315320	AW547158	TC200324	null	Mm.1571
77678	191342	AW546921	TC159822	precursor polypeptide (AA -26	Mm.15889
67241	80430	AW547029	TC173773	null	Mm.24312
926752	1887467	AW547097	null	null	null
34384	36525	AW547189	TC189387	null	Mm.29257

53232	63082	AW548438	null	null	null
0	0	null	null	null	null
10811	26708	AW548635	TC203548	null	Mm.32041
0	0	AW548723	TC162431	null	Mm.2967
79661	145730	AW548471	TC157636	CLCP	Mm.29524
21664	26549	AW548549	TC159104	null	Mm.2204
0	0	null	null	null	null
71170	54143	AW548742	TC174109	glutathione transferase	Mm.2662
13789	71134	AW549905	TC159636	alpha-globin	Mm.16820
24612	27859	AW549977	TC188045	null	Mm.45197
440280	731918	AW550058	null	null	Mm.102913
1027106	1278822	AW550180	null	null	null
0	0	AW549914	null	null	Mm.102906
104398	192534	AW550000	TC203012	null	Mm.28843
117030	161006	AW550092	TC161386	null	Mm.30229
36897	56165	AW550204	null	null	Mm.102920
43421	58872	AW547242	TC159675	chromosome segregation protein	Mm.23922
6335	6508	AW547305	TC204934	null	Mm.32786
0	0	AW547403	TC166352	pituitary adenylate cyclase-ac	Mm.44245
36580	37000	AW547494	TC199640	null	Mm.102834
41595	77421	AW547259	TC186985	null	Mm.35779
21431	22651	AW547331	null	null	null
25944	31793	AW547426	TC202864	p68	Mm.2994
25557	49924	AW547534	TC200407	U5-116kD	Mm.873
63402	95589	AW548802	TC200297	null	Mm.29915
1359636	1845481	AW548883	null	null	null
574078	592096	AW549033	TC157592	E25B protein	Mm.4266
45826	92010	AW549118	TC186848	inhibitory G protein of adenylyl	Mm.4284
65829	107476	AW548823	TC173393	Sec61 protein complex gamma su	Mm.1164
200543	430129	AW548906	TC200021	null	Mm.43749
72153	105200	AW549051	TC187888	null	Mm.28486
8274	12423	AW550271	TC200561	OSF-1	Mm.3063
64086	72137	AW550434	TC176343	null	Mm.21989
12096	16473	null	null	null	null
8079	19999	AW550286	TC163192	null	Mm.34008
31922	48943	AW550331	TC173560	Ah receptor-interacting protei	Mm.10433
13710	16826	AW550475	null	null	Mm.711
36660	48023	AW550548	TC157440	null	Mm.73841
62180	118366	AW546893	TC187962	null	Mm.28659
214642	233118	AW546998	TC175760	bone morphogenetic protein	Mm.27757
38620	59265	AW547076	TC160726	null	Mm.33830
239462	235325	AW547166	TC200637	null	Mm.24805
126207	187490	AW546923	TC164506	null	Mm.44530
218945	392371	AW547035	TC200559	null	Mm.86398
57633	70343	AW547098	TC176255	null	Mm.23706
14497	37225	AW547192	TC159442	embryonic alpha-like globin	Mm.545
53100	206951	AW548440	null	null	Mm.102864
34487	45164	null	null	null	null
147883	192545	AW548637	TC161426	null	Mm.22414
167239	211873	AW548730	TC186750	protein tyrosine phosphatase	Mm.28909
126581	272475	AW548472	TC186399	ribosomal protein S8	Mm.3381

11082	23330	AW548552	null	null	null
121316	160677	AW548671	TC202401	null	Mm.491
0	0	AW548747	TC176965	null	Mm.25506
64633	118911	AW549906	TC161105	null	Mm.26870
135099	192957	AW549980	TC201556	null	Mm.30233
97004	99237	null	null	null	null
35952	42888	AW550189	TC192133	null	Mm.69919
57484	86537	AW549916	TC201038	null	Mm.46229
21954	28826	AW550005	TC187189	null	Mm.18589
154627	296700	AW550094	TC160078	cyclin A	Mm.4189
0	0	AW550210	null	null	null
133843	285090	AW547244	TC159808	Csa-19	Mm.2424
14526	15907	AW547306	TC190270	C1q C chain	Mm.3453
44637	49527	AW547406	TC190935	null	Mm.37720
42403	89999	AW547496	TC196299	null	null
36278	33667	AW547265	null	null	null
36442	52753	AW547332	TC163560	BH-protocadherin-a	Mm.11964
37165	47726	AW547431	TC158378	null	Mm.46719
13700	33086	AW547545	null	null	null
36718	75114	AW548804	TC187076	null	Mm.26116
0	0	null	null	null	null
156545	183117	AW549035	TC158364	Rab11b	Mm.35727
40738	64251	AW549119	TC186558	RIE2	Mm.30051
310737	573280	AW548907	TC186383	QM protein	Mm.43239
59374	99515	AW549054	TC189397	null	Mm.21695
5031	17378	AW548973	TC204306	null	Mm.33650
16163	23291	AW550275	TC202030	null	Mm.12539
30780	39868	AW550445	null	null	null
45235	56430	AW550535	null	null	null
4978	7565	AW550287	TC161762	null	Mm.3906
0	0	null	null	null	null
15723	20657	AW550483	TC202672	null	Mm.33622
3096	8947	AW550553	TC176990	null	Mm.35241
60565	65465	AW546896	null	null	null
73182	89058	AW546999	TC160090	epididymal secretory protein	Mm.29454
133733	190322	AW547080	TC158520	actin binding protein ShroomS	Mm.46014
30530	55491	AW547174	null	null	null
57503	61068	AW546930	null	null	null
58468	58112	AW547037	TC189398	null	Mm.25627
751017	1710944	null	null	null	null
13664	18357	AW547193	null	null	null
49127	47504	AW548454	TC173235	H+ ATP synthase	Mm.258
55664	95838	AW548527	TC190042	null	Mm.22448
212222	287764	AW548647	TC200549	null	Mm.23014
82706	161871	AW548734	TC203587	V1a arginine vasopressin recep	Mm.4351
69703	143195	AW548472	TC186399	ribosomal protein S8	Mm.3381
142550	151916	AW548553	null	null	null
54481	94244	AW548674	TC189007	RAD50	Mm.4888
161569	214687	AW548748	TC199965	null	Mm.24600
199586	350774	AW549909	TC159777	null	Mm.2795
34829	46291	AW549987	TC159241	B	Mm.35708

58371	81126	AW550069	TC186783	null	Mm.28067
52259	75667	AW550192	TC162039	unnamed protein product	Mm.2478
85862	101869	AW549921	TC207809	null	null
251652	337170	AW550007	TC175547	pecanex 1	Mm.86584
158685	196839	AW550108	TC177571	null	Mm.41732
558406	542670	AW550213	TC187428	N-acetylglucosaminyltransferas	Mm.2672
24481	62508	AW547245	null	null	Mm.102830
64234	95063	AW547310	TC162733	null	Mm.13112
8523	13641	AW547407	null	null	null
98300	206452	AW547514	TC173841	poly(A) binding protein II	Mm.7723
140047	243373	AW547266	TC158819	fibronectin	Mm.87581
118070	120041	AW547335	null	null	null
29012	35126	AW547435	TC202298	null	Mm.28446
20592	35761	AW547546	TC186653	peroxisomal membrane protein 2	Mm.30215
63878	96325	null	null	null	null
37601	61468	AW548890	TC173606	RRM-type RNA-binding protein P	Mm.29966
89542	145210	AW549040	TC160835	heterogeneous nuclear ribonucl	Mm.24718
40037	95975	AW549121	TC200264	HMG-14 (AA 1-96)	Mm.2756
566391	984284	AW548907	TC186383	QM protein	Mm.43239
22115	31094	AW549069	null	null	null
20278	25420	AW548978	null	null	null
0	0	AW550279	TC161867	G/T-mismatch binding protein	Mm.18210
0	0	AW550452	TC202711	TLSF-beta precursor	Mm.465
35470	45334	AW550537	TC187184	null	Mm.102929
37050	60040	AW550288	TC200092	null	Mm.29676
5758	6640	null	null	null	null
58597	81062	AW550562	TC175767	null	Mm.12790
24879	23670	AW546906	TC201817	phospholipase C delta-1	Mm.23963
58093	58910	AW547023	TC201300	null	Mm.29933
38778	67718	AW547084	TC188310	null	Mm.5458
129904	278241	AW547185	TC157654	null	Mm.16423
17016	17421	AW546934	TC162105	null	Mm.28498
242446	275123	AW547045	TC157623	protein phosphatase 2A B'alpha	Mm.3785
88800	124237	AW547107	TC201428	null	Mm.23823
30674	50195	AW547199	null	null	null
36955	36510	AW548460	TC175010	null	Mm.34046
202680	375104	AW548530	TC204517	null	Mm.61533
260322	335959	AW548653	TC160026	tetraspanin membrane protein C	Mm.4426
27901	51208	AW548735	TC161024	null	Mm.35828
5617	3310	AW548478	null	null	null
87629	253791	AW548558	null	null	Mm.102868
40379	44879	AW548677	null	null	null
100721	121021	AW548750	TC160512	null	Mm.30256
129228	185323	AW549911	TC160666	RNA-binding protein staufen	Mm.41650
17844	22246	AW549990	null	null	null
224968	1497663	AW550072	null	null	null
141521	157813	AW550195	TC188916	null	Mm.41349
152232	162142	AW549923	null	null	Mm.102907
235542	286564	AW550008	TC206388	null	null
413301	488203	AW550115	null	null	Mm.102914
11712	10798	AW550222	TC164367	adrenocorticotropin receptor	Mm.41498

27235	35500	AW547246	TC201339	null	Mm.30083
121886	116605	AW547313	TC188732	null	Mm.23572
10552	14338	AW547411	null	null	null
72390	128840	AW547517	TC187038	Sm-D autoantigen	Mm.603
159419	199740	AW547268	TC173256	null	Mm.21207
77334	98016	AW547338	TC188387	null	Mm.25720
23989	21859	AW547438	TC191942	null	Mm.30646
12571	18622	AW547548	TC162678	parp-2 gene	Mm.5728
24983	41177	AW548816	TC195836	null	Mm.102876
41775	61043	AW548894	TC187900	null	Mm.28111
374115	347047	AW549041	TC186936	tetraspanin TM4-A homolog	Mm.28484
20788	27144	AW548948	TC163401	null	Mm.31650
23341	28159	AW548832	null	null	null
191377	331235	AW548907	TC186383	QM protein	Mm.43239
21762	29180	AW549073	null	null	null
11877	17479	AW548980	TC175662	null	Mm.39364
22115	28223	AW550283	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
27699	84060	AW550459	TC184130	null	Mm.102927
36745	42145	AW550539	TC187595	null	Mm.27282
205658	272668	AW550291	null	null	null
78505	142631	AW550335	TC173391	polyhomeotic 2	Mm.14198
69621	93511	AW550491	TC188072	null	Mm.38854
60613	122663	AW550564	TC160312	null	Mm.28291
23883	33225	AW546912	TC199250	null	Mm.102822
213662	242388	AW547026	TC175675	null	Mm.3986
38833	38871	AW547091	TC164972	null	Mm.44279
148631	283439	AW547185	TC157654	null	Mm.16423
51869	94951	AW546935	TC200593	null	Mm.3856
205014	262756	AW547046	TC162314	protein kinase	Mm.9287
2246093	2263346	AW547111	null	null	Mm.3776
213484	362061	AW547204	TC200132	null	Mm.22723
46242	55158	AW548461	TC173737	Ring3	Mm.3444
220686	429132	AW548540	TC174154	SIK similar protein	Mm.10303
10673	16350	AW548660	null	null	null
52919	60758	AW548737	TC159661	null	Mm.4792
96236	167732	AW548482	TC186439	ribosomal protein L21	Mm.29896
161838	225649	AW548567	null	null	null
171893	232345	AW548681	TC159935	matrin3	Mm.25575
70963	86868	AW548757	TC200914	null	Mm.22710
9068	12261	null	null	null	null
112569	226612	AW549993	TC188594	null	Mm.41657
1034217	1525088	AW550084	TC188893	null	Mm.8162
71365	72759	AW550196	TC177036	null	Mm.37607
2400508	2533566	AW549924	null	null	null
203899	258143	AW550019	null	null	Mm.102910
36214	41349	AW550121	null	null	null
31653	34910	AW550225	TC203556	null	Mm.102921
296241	378798	AW547247	TC187200	null	Mm.27769
98969	71237	AW547316	TC166307	null	Mm.37867
53243	73547	AW547412	null	null	null
29794	37064	null	null	null	null

77859	65124	AW547270	TC187226	null	Mm.36768
37441	45900	AW547343	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
42360	41666	AW547441	TC157966	null	Mm.104186
1251005	997790	AW547555	null	null	null
99564	138896	AW548819	TC174236	null	Mm.28259
60410	79892	AW548899	TC201359	null	Mm.41918
40420	55902	AW549044	TC161127	SPARC-related protein	Mm.27643
804646	806597	AW548955	TC200108	tropomyosin isoform 2	Mm.646
64119	89829	AW548833	TC160261	null	Mm.21126
891130	1455444	AW548910	null	null	null
59788	73075	AW549074	TC189233	coding region determinant bind	Mm.12919
53298	59908	AW548994	TC164027	null	Mm.46520
0	0	AW550284	null	null	null
224982	262137	AW550463	TC173306	ATF4	Mm.641
81542	119956	AW550540	null	null	null
53396	53541	AW550292	TC202703	null	Mm.3285
43178	48762	AW550350	TC167291	null	null
300211	307956	AW550493	TC159557	diazepam-binding inhibitor	Mm.2785
61294	62158	AW550574	TC175112	null	Mm.99916
11354	13968	AW551444	TC163210	null	Mm.9129
29461	46089	AW551537	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
153082	139976	AW551714	null	null	Mm.102960
23830	41069	null	null	null	null
15533	18361	AW551461	null	null	null
21396	22239	AW551588	TC161205	unnamed protein product	Mm.29749
19819	29289	AW551591	null	null	null
96536	264527	null	null	null	null
44699	50666	AW552396	TC161194	ubiquitous alpha-2,3-sialyltra	Mm.24068
0	0	AW552447	TC189175	null	Mm.25410
41941	53862	AW552319	null	null	null
0	0	AW552368	TC201121	null	Mm.28679
0	0	AW552411	TC160605	ECH1p	Mm.2112
5727	13289	AW552458	TC201201	null	Mm.28792
8272	12111	AW552339	TC174179	transcription factor p65	Mm.28170
24575	37098	AW552491	TC187389	null	Mm.34060
9974	19212	AW553290	null	null	null
10070	12400	AW553340	TC157249	null	Mm.23141
28328	59009	AW553387	null	null	Mm.103050
0	0	AW553445	null	null	Mm.31436
27308	27127	AW553309	null	null	null
0	0	AW553353	null	null	Mm.88749
48405	69909	AW553405	TC200508	ubiquitin activating enzyme E1	Mm.1104
8872	10981	AW553454	TC161884	protoporphyrinogen oxidase	Mm.4730
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0	0	AW551814	TC170718	null	Mm.102971
4413	4563	null	null	null	null
13897	11166	AW551901	null	null	null
6395	6151	AW551766	TC197569	null	Mm.102968
159268	226311	AW551822	TC200388	[Mouse TIS11 primary response	Mm.18571
75194	147037	AW551867	TC174624	smooth muscle LIM protein	Mm.2020
18478	14831	AW551910	TC193295	null	Mm.102977

16533	23372	AW552535	TC157237	null	null
95435	102848	AW552583	null	null	Mm.103008
147340	167535	AW552656	null	null	null
23532	32782	AW552700	null	null	Mm.103010
62975	70124	AW552551	TC190457	null	Mm.86394
51497	65816	AW552599	TC161046	null	Mm.30264
51946	71278	AW552668	TC157785	latexin	Mm.2632
116259	103552	AW552721	TC160548	null	Mm.28454
55266	79345	AW553483	TC160570	truncated tyrosine kinase rec	Mm.4394
0	0	AW553537	null	null	null
51525	80926	AW553586	TC203626	null	Mm.103057
29493	40693	AW553629	TC174701	null	Mm.29408
89338	199822	AW553502	TC173053	pro-alpha-2(I) collagen	Mm.4482
45512	117698	AW553554	TC158356	E1B 19K/Bcl-2-binding protein	Mm.2159
92748	145853	AW553597	null	null	null
79178	96050	AW553641	null	null	Mm.103060
53418	108416	AW551445	TC166899	null	null
106253	189896	AW551549	null	null	null
0	0	AW551715	null	null	null
0	0	AW551646	null	null	null
38516	61309	AW551463	TC175707	null	Mm.61901
229323	213870	AW551675	TC160238	DnaJ-like protein	Mm.27897
72417	100087	AW551593	null	null	Mm.102961
56372	129712	AW551658	TC173603	null	Mm.41565
60390	83089	AW552397	TC173227	PTB-associated splicing factor	Mm.43213
0	0	AW552448	TC161517	unnamed protein product	Mm.31244
5500	8907	AW552320	null	null	Mm.102998
5553	12546	AW552373	TC203464	caspase-12	Mm.42163
47249	56212	AW552412	TC173358	null	Mm.7091
26818	25870	AW552459	TC175966	null	Mm.3824
6059	8019	AW552340	null	null	Mm.102999
19401	36451	AW552496	null	null	null
0	0	AW553298	TC203053	null	Mm.33033
5521	5683	AW553343	TC158277	galectin-7	Mm.20973
0	0	AW553388	TC199024	null	Mm.103051
13295	20090	null	null	null	null
28741	34042	AW553310	TC161609	null	Mm.7703
28188	28388	AW553355	null	null	null
0	0	AW553407	TC208653	null	Mm.103053
0	0	null	null	null	null
111435	173621	AW551760	null	null	Mm.14747
108586	199389	AW551815	TC161361	ALY	Mm.1886
84773	68758	AW551853	TC174788	null	Mm.21184
332237	412536	AW551902	null	null	null
29647	56174	AW551770	TC197572	null	Mm.102970
12254	15265	AW551823	TC173199	null	Mm.4566
131212	261488	AW551869	TC189531	null	Mm.27249
128468	164187	AW551911	TC187199	null	Mm.28327
19363	36303	null	null	null	null
166685	301152	AW552585	TC186988	unknown	Mm.29490
113306	113860	AW552657	null	null	null

498349	814082	AW552701	null	null	Mm.15571
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0	0	AW552604	TC163799	null	Mm.24508
11505	8575	AW552669	TC201519	null	Mm.29655
16633	30615	AW552722	TC175207	null	Mm.69051
24677	42478	AW553484	TC188495	null	Mm.20148
38499	41068	null	null	null	null
20582	25435	AW553587	TC202081	null	Mm.27553
281004	328744	AW553632	TC173191	null	Mm.3328
19075	24346	AW553505	TC188098	microfibril-associated glycopr	Mm.7386
167078	151367	AW553555	TC157620	enhancer of polycomb	Mm.20828
133976	145940	AW553600	TC200617	null	Mm.31051
67772	111361	AW553642	TC161196	null	Mm.38789
91617	186454	null	null	null	null
22546	49878	AW551558	null	null	null
13724	16603	AW551717	TC176999	null	Mm.5769
22678	26001	AW551649	TC160841	null	Mm.29949
30309	32474	AW551464	null	null	null
28328	42076	AW551676	TC159118	null	Mm.36365
23139	40068	AW551596	TC191107	null	Mm.31567
66685	134473	AW551663	null	null	null
119827	140420	AW552398	TC200983	null	Mm.27509
46743	60863	AW552451	TC173192	null	Mm.22073
9508	14437	AW552332	TC163494	null	Mm.33125
64229	49759	AW552376	TC162279	null	Mm.4176
23503	25708	AW552415	TC160359	null	Mm.35753
33074	41727	AW552461	TC162000	null	Mm.24437
19486	13993	AW552347	TC177847	null	Mm.103262
66996	101074	AW552497	TC189403	null	Mm.41224
67443	64127	AW553303	TC186844	null	Mm.19834
95749	179448	AW553347	TC186986	sphingosine-1-phosphate phosph	Mm.28948
21188	28010	AW553398	TC179295	null	Mm.103052
231524	327100	AW553447	TC200961	serine proteinase inhibitor	Mm.2623
148804	165164	AW553311	null	null	null
192055	407187	AW553356	null	null	Mm.103048
61866	98680	AW553411	TC173465	p62	Mm.8256
47993	64671	AW553456	null	null	Mm.103537
20576	32321	AW551762	TC176457	null	Mm.38167
20744	28434	AW551816	TC161103	null	Mm.24646
362475	440333	AW551856	null	null	null
0	0	null	null	null	null
27593	42621	AW551772	TC157400	null	Mm.103597
68387	84517	AW551824	TC190090	CDV-1R protein	Mm.10125
27065	39971	AW551871	TC189397	null	Mm.21695
130450	185933	AW551916	TC174615	putative deubiquitinating enzy	Mm.36569
64810	69522	AW552541	TC202422	null	Mm.46006
15674	15929	AW552586	null	null	Mm.50754
75268	112520	AW552658	TC174531	null	Mm.29562
650810	667119	AW552709	TC186695	brain protein 44-like protein	Mm.2576
8737	22281	AW552555	TC161516	NNX3	Mm.23997
544786	551916	AW552614	TC177174	null	Mm.27562

47585	45434	AW552671	TC162739	null	Mm.32821
8345	12406	AW552723	TC200247	null	Mm.27082
73933	90639	AW553485	TC189337	null	Mm.34888
108134	194852	AW553540	null	null	null
46070	78665	AW553588	TC160502	null	Mm.38816
40489	64516	AW553633	TC165095	null	null
18473	26715	AW553507	TC187970	null	Mm.81647
57264	116675	AW553559	TC158361	null	Mm.34847
12969	11473	AW553601	null	null	null
14872	21669	AW553643	TC187608	LZIP-1 and LZIP-2	Mm.12407
169541	236980	AW551451	TC173099	non-erythrocyte beta spectrin	Mm.3914
80022	156796	AW551564	TC187921	sid2057p	Mm.24231
24194	33927	AW551719	TC162485	null	Mm.22230
43657	39679	AW551651	TC161498	null	Mm.28476
129968	248599	AW551468	TC160153	null	Mm.29971
7127	6057	AW551677	null	null	Mm.102955
6078	7375	null	null	null	null
20925	37982	AW551665	TC174721	null	Mm.41903
60195	70690	AW552405	TC160692	null	Mm.29737
11218	17664	AW552452	TC175377	null	Mm.34012
26268	25989	AW552335	null	null	Mm.103387
225710	330444	AW552381	null	null	Mm.19101
90993	211376	AW552416	TC187111	pantophysin gene	Mm.25699
88462	126789	AW552462	TC160363	oligosaccharyltransferase	Mm.7236
22758	24308	AW552348	null	null	null
57466	58394	AW552499	TC202066	null	Mm.27064
15940	23287	AW553304	TC173455	Bach2	Mm.21908
24354	20287	AW553348	TC166355	null	Mm.22900
72347	82948	AW553401	TC201279	null	Mm.27302
39770	45408	AW553451	TC200632	null	Mm.28910
65485	80139	AW553312	null	null	Mm.103045
67308	76403	AW553358	TC187287	null	Mm.30023
0	0	AW553412	null	null	null
100122	113182	AW553458	TC189420	null	Mm.30744
124349	156741	AW551763	TC188753	null	Mm.38490
62854	111699	AW551817	TC173729	deletion target in pancreatic	Mm.100399
48016	74914	AW551857	TC164548	null	Mm.40844
136274	142242	AW551906	TC200149	lactate dehydrogenase-B (AA 1-	Mm.9745
181153	293776	AW551776	TC174375	null	Mm.29909
12462	13444	AW551825	null	null	Mm.102973
157593	232132	AW551872	TC201195	arylhydrocarbon receptor	Mm.4452
312625	548249	AW551918	TC186500	ubiquitin conjugating enzyme U	Mm.3268
18124	17428	AW552542	TC187471	null	Mm.25849
15802	17141	AW552587	TC175067	null	Mm.45894
100820	100470	AW552662	TC186854	null	Mm.1479
215377	249892	AW552715	TC187465	null	Mm.37516
418521	435643	null	null	null	null
342297	322871	AW552623	TC157779	N-ras protein (AA 1-193)	Mm.734
266678	235915	AW552672	TC159666	subunit I of cytochrome c oxid	Mm.24786
27826	41148	null	null	null	null
219565	271255	AW553487	TC160863	null	Mm.28196

18813	27445	AW553541	TC176899	null	Mm.87267
36309	60693	AW553589	TC164123	null	Mm.44416
64740	108033	AW553637	TC175895	null	Mm.24670
74978	89862	AW553508	TC206403	null	Mm.100866
28851	32538	AW553561	TC173556	null	Mm.542
26389	42746	AW553602	TC161470	null	Mm.41406
99515	152803	AW553645	TC174887	putative basolateral Na-K-2Cl	Mm.4168
75919	112603	AW551452	TC201361	null	Mm.46282
132156	227276	AW551574	TC160056	nucleic acid binding protein	Mm.111
11577	16709	AW551720	null	null	null
67870	125995	AW551653	TC160008	palmitoyl-protein thioesterase	Mm.43660
39871	55143	AW551470	TC190283	null	Mm.32616
104543	185255	AW551678	TC173877	imidazoline receptor I-1-like	Mm.22330
45158	72226	AW551604	TC202350	null	Mm.45193
107513	176929	AW551667	TC157243	null	Mm.104211
87947	65252	AW552406	TC160053	null	Mm.12677
0	0	AW552454	TC160226	null	Mm.30143
10356	13537	AW552336	TC162275	null	Mm.27412
0	0	AW552479	null	null	null
17621	17007	AW552423	TC161160	null	Mm.27199
27692	36289	AW552463	TC175734	null	Mm.3010
13395	18585	AW552349	null	null	Mm.103000
165255	160210	AW552500	TC190177	null	Mm.18542
0	0	AW553305	null	null	Mm.103044
38092	48948	AW553350	TC177886	null	Mm.87501
10474	22218	AW553403	TC190932	null	Mm.44737
108852	132151	AW553452	TC202812	null	Mm.33376
222777	377369	AW553315	null	null	Mm.29911
332787	397502	AW553359	TC200256	thymic dendritic cell-derived	Mm.24847
31810	35237	AW553415	TC163476	null	Mm.31672
64622	116514	AW553460	TC160787	null	Mm.22119
46303	61495	AW551764	TC201573	null	Mm.3434
64332	87438	AW551819	null	null	Mm.102972
214804	316399	AW551862	TC200638	null	Mm.801
41074	51045	AW551907	null	null	null
172739	189547	AW551778	TC200063	null	Mm.25074
70966	100817	AW551827	TC164435	null	Mm.63382
56275	82675	AW551873	TC189945	null	Mm.41496
164416	230113	AW551919	TC187163	zinc finger protein 289	Mm.43636
6099	4597	AW552543	TC161622	replication factor C, 40kDa su	Mm.27855
297707	292456	AW552588	null	null	null
88475	149634	AW552664	TC160259	ATRX protein	Mm.34371
62556	83272	AW552716	TC173500	null	Mm.1298
0	0	AW552556	null	null	null
31007	53854	AW552630	TC161442	null	Mm.44189
0	0	AW552673	TC202696	null	Mm.26040
33087	36968	AW552725	TC202287	null	Mm.28297
234082	266967	AW553490	TC200670	null	Mm.22721
31719	40292	AW553548	TC176573	null	Mm.23853
22444	41788	null	null	null	null
77991	138042	AW553639	TC188449	null	Mm.29391

0	0	AW553509	null	null	null
227237	304563	AW553563	TC201497	null	Mm.5772
42969	42213	AW553603	TC174786	null	Mm.26587
13400	20704	AW553646	null	null	null
68946	112516	AW551457	TC175570	null	Mm.29532
56909	72898	AW551586	TC174348	null	Mm.8766
169800	259438	AW551722	TC173333	null	Mm.30078
131860	198861	AW551655	null	null	null
1544416	1965605	AW551476	null	null	null
168410	204473	AW551682	TC176946	null	Mm.41424
220096	228594	AW551605	TC176368	null	Mm.946
75565	64164	AW551669	TC184026	null	null
11142	10119	AW552408	null	null	null
6742	4303	AW552455	TC170713	null	Mm.102996
52591	58153	AW552337	TC158923	unnamed protein product	Mm.28650
19858	28020	AW552486	TC186500	ubiquitin conjugating enzyme U	Mm.3268
39643	41273	AW552425	TC159406	null	null
49666	57870	AW552470	null	null	null
7647	9541	AW552350	TC204228	null	null
8382	10291	AW552501	null	null	null
435870	453427	AW553307	TC160098	capping protein alpha 2 subuni	Mm.3529
21680	22458	AW553352	TC192907	null	Mm.100665
22569	34366	AW553404	TC201172	origin recognition complex sub	Mm.29709
266154	243911	AW553453	null	null	null
0	0	AW553317	TC175246	cyclic AMP-specific phosphodie	Mm.101277
66872	62013	AW553361	TC201234	null	Mm.87598
25419	37051	AW553416	TC159413	C2F	Mm.6390
0	0	null	null	null	null
28666	32883	AW551765	null	null	null
169300	213849	AW551820	TC173998	null	Mm.21383
68196	91969	AW551863	null	null	null
347484	408747	AW551909	TC160754	null	Mm.29632
473613	911929	null	null	null	null
386353	446324	AW551828	TC160522	HP1-BP74 protein	Mm.29822
162337	196124	AW551874	TC202901	null	Mm.45783
17354	19378	AW551922	TC179304	null	Mm.55681
70818	68182	AW552546	TC178210	retinaldehyde-specific dehydro	Mm.42016
20958	15822	AW552591	TC170712	null	null
45213	53202	AW552667	null	null	Mm.104510
0	0	AW552719	TC190125	null	Mm.103474
51617	65174	AW552558	null	null	Mm.22387
29451	49057	AW552631	TC189877	null	Mm.24834
29470	38264	AW552674	TC203812	null	Mm.32552
40610	74700	AW552727	TC173842	fatty acid synthase	Mm.3760
593172	681288	AW553491	TC161331	chloride channel CaCC	Mm.20897
21710	49806	AW553551	TC161556	null	Mm.30658
21138	21794	AW553592	TC161343	null	Mm.10223
154528	277322	AW553640	TC158238	tum- transplantation antigen P	Mm.13020
61151	58950	AW553511	null	null	Mm.10727
39916	39138	AW553564	null	null	null
303237	319420	AW553604	TC159664	uncoupling protein 2	Mm.12556

252891	274782	AW553651	null	null	Mm.103061
131310	165564	AW554223	TC200986	null	Mm.40888
0	0	AW554292	TC188088	ubi-d4	Mm.2651
42187	54963	AW554378	null	null	null
25196	28462	AW554424	null	null	Mm.103098
55259	68269	AW554240	TC160403	null	Mm.29697
24680	42564	AW554317	TC175181	null	Mm.18311
16922	19226	AW554387	TC174485	null	Mm.10118
10279	16150	AW554432	null	null	null
146366	218204	AW555202	TC158016	null	Mm.103131
48721	81170	AW555292	TC201188	cAMP-regulated phosphoprotein	Mm.27896
10658	17024	AW555355	TC207635	null	Mm.40229
0	0	AW555479	TC161032	beta-1,4-galactosyltransferase	Mm.6628
12741	11773	AW555213	null	null	null
111392	143219	null	null	null	null
81810	91164	AW555262	TC205007	null	Mm.80527
5448	11069	AW555490	TC192594	null	Mm.103140
18905	41719	AW556089	TC161596	null	Mm.31420
14370	21237	AW556148	TC180338	null	Mm.103167
121605	167744	AW556201	TC174453	null	Mm.29629
51234	105638	AW556234	null	null	null
58735	73213	AW556102	TC186660	null	Mm.27899
102361	199869	AW556161	TC189850	teashirt 2	Mm.28740
15747	20989	AW556208	TC196348	null	Mm.103541
20796	29532	AW556243	TC162104	null	Mm.41865
11498	30869	AW554486	TC200903	putative	Mm.3974
12101	18481	AW554537	TC186672	Fas activated serine/threonine	Mm.28123
655700	814330	null	null	null	null
22098	29118	AW554634	TC177457	null	Mm.28578
200478	257379	AW554507	null	null	null
42413	46469	AW554549	TC174665	null	Mm.29605
98129	102682	AW554590	TC184134	null	Mm.103105
155626	227955	AW555538	null	null	Mm.103143
396686	509184	AW555405	null	null	null
10510	19309	AW555561	TC202611	B-myb	Mm.4594
94778	143167	AW555609	TC189597	null	Mm.28338
26130	32481	AW555367	null	null	null
545165	742961	AW555429	TC182040	null	Mm.103146
1074121	1142917	AW555574	TC174546	syntaxin 7	Mm.10818
233036	225459	AW555629	TC176688	putative zinc finger transcrip	Mm.38323
10806	15945	AW556285	TC187304	fibroglycan (syndecan-2)	Mm.29350
32478	37893	AW556335	TC202201	null	Mm.29038
40206	54598	AW556385	TC160541	p33ING1 protein	Mm.36840
24812	33247	null	null	null	null
145192	167577	AW556296	TC174827	null	Mm.34561
53543	67428	AW556345	TC204630	null	Mm.26037
0	0	AW556394	null	null	Mm.103227
6413	8020	AW556467	TC159166	null	Mm.86550
54698	80023	null	null	null	null
35393	68955	AW554297	TC187462	alpha-2 protein	Mm.29052
25799	31104	AW554381	TC173496	carboxypeptidase E	Mm.43603

21906	46469	AW554428	null	null	null
31130	27316	AW554244	TC162113	Rho-guanine nucleotide exchang	Mm.4620
0	0	AW554324	null	null	null
186232	175673	AW554391	null	null	Mm.103095
59229	66430	AW554434	TC173141	monoclonal nonspecific suppres	Mm.4890
313900	569375	AW555204	TC159418	thymosin beta-4a (AA 1 - 50)	Mm.22566
23534	29775	AW555297	TC176805	null	Mm.27824
62895	97709	AW555356	TC176955	null	Mm.27872
57108	67003	AW555480	TC187070	null	Mm.719
201335	422089	AW555214	null	null	null
12844	25040	AW555307	TC159117	proliferation potential-relate	Mm.4480
10265	13124	AW555443	null	null	null
135454	207961	AW555492	null	null	null
0	0	null	null	null	null
281387	274982	AW556150	TC189909	HCMV-interacting protein	Mm.29022
387706	701595	AW556203	TC173288	S-adenosylmethionine decarboxy	Mm.7880
500782	800109	AW556235	TC201598	null	Mm.24414
191540	365967	AW556105	TC174184	null	Mm.28594
51196	64158	AW556162	TC211198	null	Mm.103135
303628	424000	AW556209	TC187313	null	Mm.28258
34243	31962	AW556246	TC204786	null	Mm.82922
0	0	AW554487	TC162961	Na ⁺ /H ⁺ exchanger	Mm.4312
30404	45624	AW554538	TC187924	PDGF receptor precursor	Mm.4146
97037	80567	null	null	null	null
8601	11283	AW554637	TC187833	y+LAT1a	Mm.20906
29578	42467	AW554508	TC161206	p38b	Mm.88331
192490	236740	null	null	null	null
120380	148113	AW554591	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
49137	66519	AW554621	TC160389	null	Mm.29363
148413	229249	AW555360	TC160525	null	Mm.26614
44464	59233	null	null	null	null
34099	51119	null	null	null	null
232296	254557	AW555620	TC196946	null	Mm.103149
582308	1188397	AW555368	TC170692	null	Mm.103145
296676	465949	AW555430	TC160138	null	Mm.7780
166193	214511	AW555575	TC202896	null	Mm.87142
260128	413063	AW555630	null	null	null
15229	24842	AW556287	null	null	Mm.103174
16242	24122	AW556338	TC175168	null	Mm.41264
0	0	AW556386	TC162146	null	Mm.22922
187054	323860	AW556445	null	null	null
73471	98208	AW556297	TC187078	calcineurin	Mm.525
42895	53843	AW556348	TC166552	null	null
236496	296190	AW556395	TC158885	ornithine decarboxylase antizy	Mm.683
47409	49782	AW556473	TC187761	MPR300/IGFII receptor	Mm.2938
22766	42896	AW554225	TC184142	null	Mm.103090
94019	152571	AW554302	TC186837	antigen	Mm.2956
11796	13664	AW554382	TC160119	alpha-1,6-fucosyltransferase	Mm.35628
0	0	null	null	null	null
347236	464404	AW554246	TC187592	null	Mm.10623
32324	43492	AW554325	TC187571	null	Mm.28524

8942	8271	AW554436	TC160619	protein-tyrosine-phosphatase	Mm.26166
82355	105537	AW555207	TC174820	null	Mm.29634
61665	82146	AW555299	TC187175	null	Mm.86591
51547	56169	AW555358	TC200788	ABC transporter	Mm.22759
47693	88435	AW555481	TC202111	null	Mm.28500
392922	423421	AW555228	TC202904	null	Mm.26147
12941	19895	AW555308	TC158759	null	null
389210	427402	AW555444	null	null	Mm.103138
97500	117855	AW555494	null	null	Mm.103141
522285	783868	AW556091	null	null	Mm.103166
828286	1858569	AW556153	null	null	Mm.1139
770258	1423576	AW556204	TC159857	null	Mm.25298
397688	534911	AW556238	TC175891	null	Mm.23222
123882	162456	AW556109	TC173897	null	Mm.28350
333474	487566	AW556167	TC180337	null	null
645075	619883	AW556210	TC189079	null	Mm.41767
289359	489845	null	null	null	null
24099	40278	AW554491	TC187386	null	Mm.21082
131506	404423	AW554541	null	null	null
164024	129668	AW554576	TC191535	null	Mm.103104
0	0	AW554638	TC184137	null	null
34387	55501	AW554510	TC187353	carnitine palmitoyltransferase	Mm.18522
91697	107330	null	null	null	null
370985	452000	AW554592	null	null	null
63561	107365	AW554622	TC211335	null	null
75971	102876	AW555361	TC189897	null	Mm.35279
27882	32585	AW555408	null	null	null
535953	766386	AW555565	TC160308	zyxin	Mm.4895
1028121	1874586	AW555623	TC159737	surfeit 3 protein	Mm.725
747821	725558	AW555369	TC187262	null	Mm.28422
150548	239685	AW555434	TC207638	null	Mm.103570
1570871	3667035	AW555577	TC157604	M-TAXREB107	Mm.588
91085	126313	AW555631	TC187628	null	Mm.28063
94373	123218	AW556289	TC158429	null	Mm.41272
113757	151542	AW556339	TC161271	null	Mm.24181
203563	277967	AW556389	TC187002	capping protein beta-subunit,	Mm.2945
27239	79200	AW556448	TC160870	Dkk-3 protein	Mm.21894
21752	33451	AW556301	TC174940	null	Mm.23030
159318	217590	AW556349	TC189150	null	Mm.89923
243674	479870	AW556396	TC173885	null	Mm.33832
0	0	AW556475	TC190277	null	Mm.24465
28447	40597	AW554226	TC179516	null	Mm.78069
39417	65458	AW554311	null	null	null
29261	40254	AW554383	TC175531	xeroderma pigmentosum group C	Mm.2806
27005	151818	AW554429	TC189826	null	Mm.45889
14727	16553	AW554248	TC174080	null	Mm.27947
610416	626521	AW554328	TC160254	null	Mm.24170
11781	1673	AW554393	TC174910	null	Mm.27133
177473	189709	AW554438	null	null	null
755671	866833	AW555209	null	null	null
62473	60786	null	null	null	null

119888	166737	AW555251	TC196341	null	Mm.103137
131037	248635	AW555482	TC174915	null	Mm.11787
70511	83914	AW555234	null	null	null
34952	33041	AW555311	TC175866	null	Mm.19077
89487	206412	AW555447	TC168791	null	Mm.55480
64260	86687	AW555495	TC201401	null	Mm.28821
78514	101894	AW556094	TC173539	null	Mm.21854
933128	1145512	AW556156	TC174768	laminin B1	Mm.963
1023586	2139777	AW556206	TC159469	heat shock protein 84	Mm.2180
259646	445222	AW556241	TC159477	ribosomal protein L7	Mm.37835
157581	186311	null	null	null	null
68647	88726	AW556170	null	null	null
123504	198870	AW556211	TC170700	null	Mm.103171
115446	140044	AW556250	TC162187	null	Mm.2489
28769	67367	AW554493	TC203613	null	null
105365	209040	AW554542	TC161495	null	Mm.27819
101614	127072	AW554577	TC161553	protein tyrosine phosphatase	Mm.1484
67519	147969	AW554615	TC175987	null	Mm.45770
101860	143337	AW554513	TC194112	null	Mm.103103
1273276	1337607	AW554551	TC173244	angiotensin II AT2 receptor-in	Mm.28951
190147	216613	AW554593	TC164018	null	Mm.26479
151011	164868	AW555362	TC163774	null	Mm.31901
324384	324257	AW555411	TC201818	null	Mm.33881
632983	855612	AW555568	TC174045	null	Mm.29159
1178421	2060410	AW555623	TC159737	surfeit 3 protein	Mm.725
317219	265438	AW555373	TC200622	short coiled coil protein SCOC	Mm.24763
3431195	3696177	AW555437	null	null	null
771900	1541827	AW555577	TC157604	M-TAXREB107	Mm.588
230321	599995	AW555633	null	null	null
0	0	AW556290	TC167069	null	Mm.103175
363545	489472	AW556341	TC201775	null	Mm.30015
19247	35808	AW556390	null	null	null
61001	116437	AW556459	TC163333	null	Mm.71128
25122	40643	AW556305	TC204778	null	Mm.25837
30565	38715	AW556352	null	null	null
0	0	AW556401	null	null	null
108100	125622	AW556478	null	null	null
112887	135500	AW554229	TC200756	DNA topoisomerase IIalpha	Mm.4237
8069	10105	AW554312	null	null	null
306511	419813	AW554430	TC203774	null	Mm.27238
630177	740525	AW554249	TC175509	null	Mm.41133
19936	20581	AW554331	TC160615	bmi-1	Mm.7719
347673	354145	AW554439	null	null	Mm.103099
27423	31314	null	null	null	null
4578	7390	AW555301	TC191408	null	Mm.17697
10037	11102	null	null	null	null
125276	137087	AW555485	TC186888	null	Mm.22565
53751	69030	AW555235	TC174239	null	Mm.22336
128338	163958	AW555315	null	null	Mm.83816
19739	30245	AW555448	TC202026	null	Mm.21759
15909	27123	AW555499	TC203129	null	Mm.100167

52142	84119	AW556097	TC186876	FK506 binding protein	Mm.20943
468821	436413	null	null	null	null
0	0	AW556206	TC159469	heat shock protein 84	Mm.2180
1175700	2500719	AW556241	TC159477	ribosomal protein L7	Mm.37835
175791	262634	AW556114	TC175701	null	Mm.28184
302258	397326	AW556171	TC165065	null	Mm.21270
301702	336835	AW556212	TC200784	protein-tyrosine-phosphatase	Mm.29855
129154	111008	AW556252	TC158818	null	Mm.87581
90663	150232	AW554498	null	null	Mm.103101
8376	9800	AW554543	TC199966	null	Mm.21953
94745	122800	AW554579	TC158995	EMeg32 protein	Mm.41304
58359	84731	AW554618	TC194103	null	Mm.103107
158092	204095	AW554516	null	null	null
33407	39217	AW554552	TC173886	null	Mm.3479
258414	257236	AW554594	TC163983	null	Mm.41146
76226	88677	AW555365	TC201078	null	Mm.17804
85824	113689	AW555412	TC210233	null	Mm.66264
872034	910990	AW555570	TC186782	null	Mm.27112
174772	212973	AW555624	null	null	Mm.103150
64999	94686	AW555374	TC202364	hypothetical protein	Mm.18845
976645	1005294	AW555441	TC177857	null	Mm.24162
98206	149767	AW555578	TC175154	null	Mm.27762
1417469	1294910	AW555634	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
37947	53270	AW556291	TC189740	RDC1 orphan chemokine receptor	Mm.6522
226049	236382	AW556342	TC188739	null	Mm.34659
221619	442094	AW556391	TC159769	ribosomal protein L32-3A	null
38173	74018	AW556460	TC178355	null	Mm.23613
54870	74446	AW556306	TC200302	involved in signaling by the e	Mm.35677
23483	33090	AW556354	TC213291	null	null
58212	74691	AW556404	TC166521	null	Mm.34628
12686	14973	AW556481	TC167290	null	Mm.102931
4888	4563	AW554231	TC175113	null	Mm.40132
63845	62719	AW554315	TC203149	null	Mm.100676
66747	83234	AW554385	TC202664	null	Mm.38212
72145	88415	AW554431	null	null	null
52214	79840	AW554251	null	null	null
7541	11306	AW554337	null	null	null
39776	48481	AW554395	TC188265	null	Mm.18634
314087	307301	AW554440	null	null	null
431001	543130	null	null	null	null
382897	559703	AW555302	TC207640	null	Mm.103142
87857	99627	AW555257	null	null	null
81581	116846	AW555489	TC173124	null	Mm.21841
254949	182675	AW555236	TC161049	Bet1p homolog	Mm.23564
170892	159934	AW555320	TC201290	GTP binding protein	Mm.1597
46316	44142	AW555449	null	null	Mm.88717
336610	313510	AW555500	TC188571	null	Mm.29214
0	0	AW556098	TC162555	null	Mm.27340
107722	127438	AW556160	null	null	Mm.103168
764416	1512558	AW556206	TC159469	heat shock protein 84	Mm.2180
1110289	2171586	AW556241	TC159477	ribosomal protein L7	Mm.37835

107408	104795	AW556115	TC165328	null	Mm.31984
118480	137229	null	null	null	null
1103871	1671712	AW556214	null	null	null
10134	11470	AW556253	TC182724	null	Mm.39181
36757	45587	AW554500	null	null	null
109182	103224	AW554545	TC161978	null	Mm.27309
218263	247262	AW554580	TC158310	PETA-3	Mm.30246
37866	43892	AW554619	null	null	null
34612	35790	AW554517	TC159732	winged-helix transcription fac	Mm.27157
11018	8991	AW554555	TC160381	null	Mm.28452
171093	166990	AW554595	TC159712	mouse RNA polymerase I 40kD su	Mm.80585
13391	18121	AW554648	TC201508	null	Mm.89832
110440	213074	AW555366	TC191257	null	null
2312486	3462668	AW555415	TC200030	BAP-135 homolog	Mm.22593
512093	664368	AW555571	TC190252	null	Mm.19440
52396	71591	AW555628	TC200785	carbonic anhydrase I	Mm.3471
1269497	1385670	AW555377	TC173699	copper binding protein	Mm.2573
75583	106336	AW555539	TC189544	null	Mm.24586
58701	98817	AW555584	TC178729	null	null
21115	42258	AW555635	TC160982	glypican-1	Mm.24193
0	0	AW556294	null	null	null
120911	158788	AW556344	TC162702	null	Mm.13146
269291	385241	AW556392	TC200886	null	Mm.41792
158075	284779	AW556465	TC187347	Rac GTPase-activating protein	Mm.27141
34668	41417	AW556307	TC203324	null	Mm.89568
73761	79455	AW556355	TC159114	null	Mm.100840
25415	18446	AW556406	TC189588	null	Mm.26500
49925	50081	AW556482	TC202223	null	Mm.41067
6615	8379	AW556985	TC209265	null	Mm.103210
5571	6043	AW557032	TC201363	JNK/SAPK-associated protein-1	Mm.43081
206237	325930	AW557091	TC176808	null	Mm.22778
101709	158717	AW557152	TC186981	null	Mm.28150
33095	44147	AW556999	TC187517	null	Mm.21214
13902	18322	AW557042	TC188995	null	Mm.40303
0	0	AW557102	TC187388	null	Mm.22372
14624	20996	AW557171	TC162324	null	Mm.20320
95643	81583	AW557979	null	null	Mm.103267
128085	129742	null	null	null	null
55360	77089	AW558100	TC202698	null	Mm.31417
11376	15655	AW558158	TC175203	null	Mm.28360
0	0	AW557989	null	null	null
128438	137202	AW558049	TC177077	null	Mm.27385
22109	23536	AW558115	TC192656	null	null
105517	107330	AW558170	TC173319	null	Mm.43640
0	0	AW558992	TC202226	null	Mm.6660
14308	13593	AW559036	TC174812	null	Mm.29429
47365	49218	AW559097	TC202467	spalt-like protein	Mm.39487
35447	53954	AW559147	TC173731	null	Mm.24042
62193	64623	AW559005	TC188950	null	Mm.27682
0	0	AW559047	null	null	null
31235	44435	AW559118	TC208205	null	Mm.103301

0	0	AW559159	TC173884	null	Mm.30653
5547	11574	AW557207	null	null	null
0	0	AW557279	TC203033	FL10	Mm.44634
678236	1212121	AW557342	null	null	null
24814	31197	AW557424	TC203058	null	Mm.25180
11602	15684	AW557223	TC199982	null	Mm.21289
37294	53086	AW557297	null	null	Mm.38248
0	0	AW557382	TC202951	null	Mm.103396
0	0	AW557444	TC202956	null	Mm.9648
37192	34180	AW558206	TC205417	null	Mm.103277
14488	16988	null	null	null	null
0	0	AW558326	null	null	null
40820	62605	AW558370	TC175580	null	Mm.31837
48925	74409	AW558222	TC188529	type 6 nucleoside diphosphate	Mm.12951
34679	42891	AW558281	TC201520	null	Mm.30191
28251	32495	AW558338	null	null	null
73980	74074	AW558389	null	null	Mm.103284
0	0	W13715	null	null	null
0	0	AI385531	null	null	null
0	0	AA177885	null	null	null
0	0	AA285694	null	null	null
50044	243760	AI322365	null	null	null
0	0	AA060605	null	null	null
9718	11168	AA396982	null	null	null
19171	20485	AI464293	null	null	null
27368	36811	AW556987	TC201760	null	Mm.12746
24162	35501	AW557034	TC161883	nuclear transcriptional repres	Mm.6822
2371449	1986062	null	null	null	null
101774	157963	AW557154	TC201180	null	Mm.43487
12568	12026	AW557000	TC189380	null	Mm.41580
32934	34009	AW557046	TC177589	null	Mm.17740
28295	32201	null	null	null	null
110816	171332	AW557172	TC174885	null	Mm.36036
31751	53531	AW557980	TC176683	null	Mm.32334
233648	248434	AW558029	TC173547	null	Mm.43162
14973	23630	AW558101	TC178765	null	Mm.31378
63198	88022	AW558160	TC187991	UTX	Mm.28750
0	0	AW557990	null	null	null
20244	18958	AW558051	null	null	null
20283	14068	AW558117	TC206649	null	Mm.44397
235810	390327	AW558174	null	null	Mm.103275
29479	22433	AW558996	null	null	null
4758	6375	AW559037	TC163341	groucho-related gene product	Mm.26889
20101	32473	AW559099	TC162542	null	Mm.25300
134549	218236	AW559149	TC186568	ras-related C3 botulinium tox	Mm.889
27064	47032	AW559006	TC176977	cell surface antigen	Mm.34408
0	0	AW559052	TC175485	collagen type IV alpha5 chain	Mm.49613
262199	484408	AW559119	null	null	Mm.103302
24761	26221	AW557213	TC176591	null	Mm.26491
0	0	null	null	null	null
192386	199454	AW557344	null	null	Mm.103233

525741	855333	AW557425	TC158859	hprt gene product	Mm.18675
134203	182781	AW557225	TC159093	Ku70	Mm.16147
43856	43873	AW557298	TC190041	null	Mm.34087
10476	12105	AW557385	null	null	null
56313	71823	AW557448	TC204738	null	Mm.37802
29129	40608	AW558212	TC167083	null	null
39457	48135	AW558264	TC202247	zinc finger protein	Mm.7952
149129	177437	AW558327	TC158447	null	Mm.22145
11315	17286	AW558376	null	null	null
32712	38106	AW558223	TC164705	null	Mm.37680
45458	58232	AW558285	TC161023	metaxin	Mm.22508
1325744	1385030	AW558339	TC160505	null	Mm.30153
1580206	1832833	AW558391	null	null	null
168022	365972	W11746	null	null	null
30946	22663	AI510177	null	null	null
116292	111750	AA177218	null	null	null
0	0	AA386906	null	null	null
0	0	AI430415	null	null	null
453547	574962	AA060150	null	null	null
49867	192146	AA240093	null	null	null
0	0	AA473948	null	null	null
205505	253365	AW556991	null	null	null
31676	73238	AW557035	TC188969	null	Mm.27885
32019	47196	AW557096	TC174486	transcription factor NfiX	Mm.9394
37639	52663	AW557161	null	null	Mm.103217
40224	51400	AW557003	null	null	Mm.103211
511896	663826	AW557047	TC186932	Tapa-1 protein	Mm.806
18694	31775	AW557108	TC189682	null	Mm.46786
12252	20810	AW557174	TC173422	protocadherin 2C	Mm.28785
286759	352060	AW557983	TC161115	null	Mm.25157
5204	6438	AW558032	TC204990	null	Mm.34710
15530	19213	AW558104	TC162348	null	Mm.29046
7727	9119	AW558161	TC178018	null	Mm.33138
112616	155826	AW557993	TC187721	DPM2	Mm.22001
94139	105229	AW558052	TC193296	null	Mm.103272
102566	108423	AW558118	TC189864	null	Mm.34749
179685	167515	AW558177	TC200950	null	Mm.21501
186586	282365	AW558997	TC186917	Edp1 protein	Mm.10331
9526	16748	AW559039	TC188706	null	Mm.31527
17897	23790	AW559108	TC191857	null	null
108847	125479	AW559151	null	null	null
0	0	AW559009	TC189477	null	Mm.27265
66938	91704	AW559055	TC204529	null	Mm.103165
42810	50394	AW559120	TC161468	UNC-51-like kinase (ULK) 2	Mm.27664
32701	49667	AW557215	TC188395	polycomblike 1	Mm.18643
212855	249567	null	null	null	null
13251	16082	AW557348	null	null	null
276677	308849	AW557429	TC188303	null	Mm.28097
145068	151865	AW557226	TC175536	null	Mm.10954
32083	45117	AW557299	TC202595	null	Mm.1075
156992	135613	AW557449	TC175169	heme-binding protein	Mm.17249

95923	148885	AW558216	TC203086	null	Mm.32645
26622	44196	AW558267	TC163082	null	Mm.61848
15054	19156	AW558329	null	null	null
0	0	AW558377	null	null	null
65188	87176	AW558224	TC188041	null	Mm.30664
10573	8364	AW558288	TC163276	synaptonemal complex protein 1	Mm.4564
0	0	AW558340	TC173502	procollagen type V alpha 2	Mm.10299
0	0	AW558395	null	null	Mm.29701
9080	7087	AI323991	null	null	null
1858	5985	AI326809	null	null	null
24447	34424	AA177581	null	null	null
6457	6778	AA276132	null	null	null
0	0	AI893987	null	null	null
26094	36034	AI594960	null	null	null
14863	14195	AA245030	null	null	null
0	0	AI595553	null	null	null
177888	304857	AW556992	TC186866	integrin alpha 6 subunit precu	Mm.25232
161464	229195	AW557038	TC202524	null	Mm.38917
5832	11803	AW557098	null	null	null
25222	33174	null	null	null	null
28484	34911	AW557006	TC190429	null	Mm.80509
123674	148309	AW557050	TC158403	null	Mm.29830
172540	262401	AW557115	null	null	null
35427	35947	AW557176	TC200700	membrane glycoprotein	Mm.944
22811	22549	AW557986	null	null	null
78162	76599	AW558036	TC201131	null	Mm.22360
105987	111227	AW558110	TC173102	null	Mm.29842
22317	22133	AW558166	null	null	null
1071088	1411568	AW557995	null	null	Mm.103269
942391	576059	AW558053	TC159643	phenol UDP-glucuronosyltransfe	Mm.42472
666756	642252	AW558121	TC174508	null	Mm.18834
98651	197618	AW558179	TC201207	myosin I	Mm.3390
95692	97839	AW558999	TC177145	null	Mm.34811
68483	98112	AW559043	TC177081	null	Mm.41121
65530	84930	AW559113	TC189129	prostacyclin synthase	Mm.2339
152691	230187	AW559153	TC160414	null	Mm.29712
35504	38549	AW559010	TC188701	null	Mm.35039
12460	20056	AW559060	TC175014	compared with human FXR2 mRNA;	Mm.41930
33045	73510	AW559121	TC187708	N-terminal region of the prote	Mm.45540
13695	21528	AW557217	null	null	null
145935	171629	AW557287	TC173202	CCTtheta, theta subunit of the	Mm.27294
35592	42126	AW557359	TC160674	unknown	Mm.24541
63733	83184	AW557437	TC161228	collagen alpha 2 chain type V	Mm.1949
7839	10252	AW557236	TC190312	null	Mm.32767
36191	33385	AW557300	TC160878	null	Mm.103229
8349	6195	AW557387	TC199447	null	Mm.26621
6611	8823	AW557450	null	null	null
32895	39504	AW558219	TC176463	null	Mm.29457
45119	50565	AW558271	TC205817	null	Mm.82071
217655	241908	AW558330	null	null	Mm.2818
32007	37797	null	null	null	null

879311	1282838	AW558227	null	null	null
108896	86534	AW558291	TC202474	null	Mm.28993
494924	534328	AW558341	TC173279	NFE2-related factor 1	Mm.6743
540170	583131	AW558398	null	null	Mm.4551
52071	62198	W20673	null	null	null
0	0	AA049330	null	null	null
27163	37292	AA154683	null	null	null
0	0	AA286515	null	null	null
0	0	AI429739	null	null	null
39684	36283	AA061508	null	null	null
15927	12480	AA253909	null	null	null
13565	13922	AI467280	null	null	null
278929	404745	AW556995	null	null	null
107915	136431	AW557039	TC187378	muSec1	Mm.7247
18193	26110	AW557099	null	null	null
22187	29303	AW557163	null	null	Mm.27232
24185	30064	AW557007	TC176038	DNA binding protein NFI-C	Mm.5104
44951	55974	AW557053	TC174610	null	Mm.46676
127479	156699	AW557116	TC175919	null	Mm.22550
99665	205337	AW557177	TC187886	TWIK-1 K+ channel	Mm.10800
689551	1291960	AW557987	null	null	Mm.103268
36187	48955	AW558043	TC175625	null	Mm.31069
7778	12618	AW558112	null	null	Mm.103273
166076	168532	AW558167	TC174180	null	Mm.318
9317	15041	AW557996	null	null	null
104317	138938	AW558054	null	null	null
74695	87529	AW558126	TC177133	null	Mm.24167
36132	52692	AW558182	TC201277	null	Mm.22428
12477	16979	AW559001	TC199967	null	Mm.27207
16079	27003	AW559044	TC174673	GTP-binding protein	Mm.29968
35519	19007	AW559114	null	null	Mm.34515
146400	115850	AW559157	TC173852	glutathione S-transferase (EC	Mm.14601
25995	32061	AW559011	TC203848	null	Mm.24569
46610	55656	AW559061	TC202919	null	Mm.44593
57564	67397	AW559122	TC207593	null	Mm.103303
47226	59757	AW557219	TC188805	null	Mm.23634
23305	25862	AW557288	TC161650	null	Mm.18957
119949	152958	AW557368	null	null	null
46019	49848	AW557442	null	null	null
2205066	2380681	AW557242	null	null	null
50796	57894	AW557302	TC191438	null	Mm.41024
263382	401290	AW557391	TC173522	septin	Mm.336
83853	96957	AW557455	TC179750	null	null
89251	134074	AW558220	TC178366	null	null
31920	48510	AW558272	TC174714	null	Mm.28030
51127	50155	AW558333	null	null	null
85692	111308	AW558384	TC187481	SH3P7	Mm.27622
46457	48223	AW558228	TC165762	null	Mm.38257
26814	31775	null	null	null	null
95264	152585	AW558406	TC160175	serine-threonine kinase recept	Mm.22584
0	0	AI427265	null	null	null

25193	25664	AI326870	null	null	null
28430	35378	AA221956	null	null	null
0	0	AA414323	null	null	null
0	0	AA003555	null	null	null
97187	105090	AI597117	null	null	null
20474	21878	AA245525	null	null	null
0	0	AA444240	null	null	null
18267	20265	AW556997	TC202925	null	Mm.26786
38261	40260	AW557041	null	null	null
55057	92803	AW557100	TC190278	null	Mm.24184
105913	113402	AW557166	TC175531	xeroderma pigmentosum group C	Mm.2806
160999	193999	AW557009	null	null	null
19697	29027	AW557055	TC157953	null	Mm.36809
49916	56752	AW557123	TC190224	Dok	Mm.156
275772	254273	AW557178	null	null	null
86915	92420	AW557988	TC188347	null	Mm.27982
569578	1049251	AW558048	TC159754	heat stable antigen	Mm.6417
49845	65551	AW558113	null	null	null
139802	151944	AW558168	TC158333	putative secreted protein SIG9	Mm.44220
30265	36387	AW557998	TC200534	fibroblast growth factor recep	Mm.3157
14772	17061	AW558058	TC157232	null	Mm.32279
153672	216201	AW558128	TC186740	null	Mm.28437
10696	14726	AW558183	null	null	null
207107	175452	AW559004	null	null	null
25310	27955	AW559045	null	null	null
79508	72671	AW559117	null	null	null
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440916	460399	X56062	null	null	null
539997	1777373	AF198054	null	null	null
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67808	66696	AI836272	TC201360	null	Mm.11535
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132728	282413	AI836129	TC173217	HMG-17 protein (AA 1 - 90)	Mm.911
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5831	12223	AI835599	TC201022	null	Mm.36879
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5352	8999	AI835134	TC193187	null	Mm.40838
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144006	196200	AI835088	TC159983	stress protein Herp	Mm.29151
6853	12121	AI836113	TC163617	Rigui	Mm.7373
689031	746164	not yet submitt	null	null	null
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22733	23665	AI836114	TC175371	null	Mm.28954
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10768	19806	AI835470	TC157857	null	Mm.29509
15029	19943	AI835658	TC188004	null	Mm.25726
15592	26161	AI836915	TC189843	null	Mm.6478
419037	361375	AI836694	TC160053	null	Mm.12677
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97878	144554	AI836699	TC173379	zinc finger protein ZNF216	Mm.2904
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11317	19816	AI835273	TC175191	hypothetical protein COX4AL	Mm.22072
8087	16073	AI836266	TC201432	KAP3B	Mm.4651
50415	61500	AI836320	TC159017	mino levulinate synthase	Mm.19143
24962	30719	AI835207	null	null	Mm.39755
225664	421587	AI835282	TC200020	elongation factor 1-beta homol	Mm.2718
194689	250330	AI836277	null	null	null
255088	285109	AI835975	null	null	Mm.39313
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311046	317517	AI836205	TC174667	nucleoside diphosphate kinase	Mm.41787

36108	57552	AI835792	TC200512	null	Mm.29879
18876	14417	AI835881	TC188130	null	Mm.29138
72645	93481	AI836195	null	null	null
27602	33396	AI835628	null	null	null
88585	118085	AI835817	TC161165	hypothetical thymus-expressed	Mm.28708
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26939	36648	AF159803	null	null	null
105069	44621	X58149	null	null	null
400829	439470	U91966	null	null	null
384377	933099	AF168390	null	null	null
1322959	482553	AF247559	null	null	null
503197	574513	X56062	null	null	null
735584	2474283	AF198054	null	null	null
56296	56312	AI836047	TC169319	null	Mm.41378
0	0	AI836120	TC158957	null	Mm.17224
19494	28338	AI835136	TC175115	tau microtubule binding protei	Mm.1287
11053	12602	AI835461	TC186738	null	Mm.30250
115492	154546	AI835090	TC173705	null	Mm.28693
939011	942991	AI839190	null	null	Mm.39782
28896	36532	AI835158	TC188348	null	Mm.29071
34117	46055	AI836325	TC177081	null	Mm.41121
46155	73758	AI835662	TC187280	null	Mm.41890
4780	9653	AI836917	TC202742	null	null
10764	11357	AI836695	TC190351	null	null
16108	33846	AI839640	TC186724	neuropilin	Mm.27448
94049	92512	AI835675	TC186953	null	Mm.41791
27751	22211	AI838389	TC189092	null	Mm.41719
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20129	20311	AI835274	TC161833	null	Mm.5918
23688	33756	AI836268	TC175604	null	Mm.27968
1948276	1655809	AI835438	TC182788	null	Mm.29111
15267	21466	AI835209	TC174688	null	Mm.40373
0	0	AI835284	TC208262	null	Mm.40662
277404	289547	AI836278	TC187093	E6-AP ubiquitin protein ligase	Mm.9002
158253	186113	AI836012	TC187390	null	Mm.29150
0	0	AI836191	TC190119	null	Mm.40033
358772	691820	AI835619	null	null	Mm.5246
8222	9671	AI835793	TC176828	SLIT2	Mm.34584
12307	18861	AI835882	TC202095	null	Mm.41545
144007	283044	AI835604	TC158805	ribosomal protein S2	Mm.1129

22656	21761	AI835629	TC165227	null	Mm.40691
263548	407617	AI835829	null	null	null
14458	17919	AI835895	TC201521	null	Mm.4436
199694	212932	AF159801	null	null	null
31358	56584	AF159803	null	null	null
312229	108508	X58149	null	null	null
463318	506881	U91966	null	null	null
237419	612650	AF168390	null	null	null
1500667	578591	AF247559	null	null	null
629224	677355	X56062	null	null	null
688980	2284604	AF198054	null	null	null
38487	45427	AI836048	TC186896	sex-determination protein homo	Mm.27723
73369	156419	AI835111	TC173071	unidentified reading frame	Mm.12858
0	0	AI835141	TC163319	Cek7 ligand	Mm.1478
44572	29469	AI836324	TC173496	carboxypeptidase E	Mm.43603
54799	63348	AI835093	TC188843	null	Mm.29487
37062	45866	AI839191	TC160141	Ubc7p homolog	Mm.29352
0	0	not yet submitt	null	null	null
29825	35763	AI836326	TC201667	null	Mm.29689
8981	19776	AI835663	TC159838	null	Mm.22171
20137	25585	AI836918	TC187263	null	Mm.8324
0	0	AI836696	TC204252	null	Mm.21975
24843	23623	AI839641	TC203055	null	Mm.40776
183984	397781	AI835680	TC159808	Csa-19	Mm.2424
34906	54288	AI838391	TC187162	HMG CoA synthase	Mm.10633
7028	14967	AI836700	null	null	null
13655	13149	AI836726	TC161980	null	Mm.40653
459924	526269	AF159801	null	null	null
89538	119153	AF159803	null	null	null
690810	262316	X58149	null	null	null
939685	949126	U91966	null	null	null
391311	900097	AF168390	null	null	null
1640835	615724	AF247559	null	null	null
863532	914211	X56062	null	null	null
891716	2743241	AF198054	null	null	null
0	0	AI835197	TC182618	null	Mm.60576
0	0	AI835277	null	null	Mm.38315
48659	56363	AI836270	TC180000	null	Mm.40620
130650	147885	AI835969	TC202617	null	Mm.209
144419	114314	AI835210	TC173403	siah-2 protein	Mm.2847
63193	56965	AI835289	TC202484	null	Mm.6083
25404	29810	AI836292	TC157743	null	Mm.41336
193784	200351	AI836013	TC161351	calretinin	Mm.2755
18690	22553	AI836192	TC173483	creatine kinase (aa 1-381)	Mm.2375
776282	1073609	AI835620	null	null	null
20166	21705	AI835796	TC164715	null	Mm.45142
409692	554793	AI835883	TC187004	null	Mm.17912
10069	17096	AI836196	TC157609	null	Mm.29923
74914	137677	AI836209	TC187158	hypothetical protein A	Mm.3752
22049	33044	AI835831	TC158393	null	Mm.28555
57163	51279	AI835898	TC201279	null	Mm.27302

777504	788259	AF159801	null	null	null
152714	184151	AF159803	null	null	null
732024	271778	X58149	null	null	null
935514	930184	U91966	null	null	null
467080	948851	AF168390	null	null	null
2872412	1086100	AF247559	null	null	null
1114802	1089057	X56062	null	null	null
1159590	3200941	AF198054	null	null	null
13790	16518	AI835086	TC182619	null	Mm.39759
17765	25013	AI835113	TC177339	null	Mm.36824
57131	84679	not yet submitt	null	null	null
28956	32035	AI835464	TC187711	null	Mm.68359
85395	134271	AI835094	TC188442	null	Mm.29687
14938	17800	AI839192	TC186974	null	Mm.34051
119223	117870	not yet submitt	null	null	null
50874	50829	AI838347	TC160265	null	Mm.24229
37245	39888	AI835665	TC201615	poly(A) polymerase V	Mm.3170
11203	9239	AI836919	TC159991	alpha-B crystallin	Mm.178
283397	309464	AI836697	TC174009	null	Mm.9811
15584	12877	AI836718	TC161307	null	Mm.30244
15489	12888	AI835681	TC191368	null	Mm.24037
40615	37712	AI838393	TC187078	calcineurin	Mm.41328
86699	90130	AI839633	TC173465	p62	Mm.8256
256095	283475	AI839644	TC159729	ferritin light chain	Mm.7500
4377	8743	AI836843	TC174443	null	Mm.39001
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167489	217314	AI836554	TC186880	null	Mm.30012
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0	0	AI836556	TC202852	null	Mm.41929
15494	19524	AI839838	TC176457	null	Mm.38167
97784	143025	AI841553	TC187309	null	Mm.1444
29999	28293	AI841607	TC201790	NVP-1	Mm.27005
36813	45813	AI838528	TC190635	null	Mm.28763
37184	59731	AI838489	TC173215	USF2	Mm.15781
7127	8357	AI841570	TC175169	heme-binding protein	Mm.17249
4481	6599	AI841699	TC157208	ubiquitin/60S ribosomal fusion	Mm.43005
0	0	AI838540	TC191162	OL-protocadherin	Mm.40080
26770	57021	AI838504	TC173060	enhancer of rudimentary homolo	Mm.21952
64169	73370	AI838642	TC199945	null	null
0	0	AI838677	TC190155	9-cis retinol dehydrogenase	Mm.7563
151708	177244	AI841820	null	null	null
83208	172487	AI841842	TC186508	null	Mm.6954
53179	126004	AI838652	TC173053	pro-alpha-2(I) collagen	Mm.4482
218214	311609	AI838689	TC159890	mPRL-2	Mm.6355
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72043	88958	AI839303	TC190911	null	Mm.40086
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0	0	AI836889	TC164710	null	Mm.39750
31615	61271	AI836585	TC176852	null	Mm.30261
0	0	AI839860	TC188138	null	Mm.27114
60947	52722	AI836233	TC201459	Lmp10 proteasome subunit	Mm.787
5556	5326	AI836250	TC163448	BETA3	null
0	0	AI837934	null	null	null
8394	6531	AI837505	TC204074	null	Mm.40394
109315	147547	AI840051	TC200600	cullin 3	Mm.12665
20541	30236	AI840105	TC210075	null	Mm.44934
103596	114613	AI837954	TC187685	zinc finger protein	Mm.2760
147986	163608	AI837529	null	null	Mm.39321
98731	98829	AI840067	TC187428	N-acetylglucosaminyltransferas	Mm.2672
16263	25168	AI840117	TC162408	null	Mm.44513
142439	183888	AI840144	null	null	Mm.40420
57612	67353	AI840184	TC188312	four and a half LIM-domain pro	Mm.6799
0	0	AI841891	TC187348	forkhead protein FKHR1	Mm.44169
189541	207299	AI838917	null	null	null
63775	112678	AI840156	TC160904	null	Mm.29921
52895	129821	AI840197	TC159707	SPARC (aa 1-302)	Mm.35439
22476	24799	AI841904	null	null	null
40125	63882	AI838928	TC176999	null	Mm.5769
330000	417257	AI836844	TC159796	calmodulin	Mm.2648
21257	23866	AI836533	TC160083	null	Mm.22559
8591	15084	AI839745	TC157724	myelin proteolipid	Mm.1268
16738	26070	AI836565	TC174465	null	Mm.8540
79422	90868	AI840341	null	null	null
29094	47755	AI836539	TC160092	25 kDa FK506 binding protein F	Mm.3371
182953	293191	AI839749	null	null	Mm.39547
61519	65541	AI839839	TC161382	null	Mm.27608
24658	29902	AI841558	TC183206	null	null
6310	9755	AI841692	TC187182	LNXP70	Mm.24084
0	0	AI838529	TC176942	null	Mm.40574
0	0	AI838490	TC160892	amyloid precursor-like protein	Mm.2381
9247	15250	AI841572	TC187157	cdc2/CDC28-like protein kinase	Mm.18476
48859	67613	AI841702	TC175775	null	Mm.8763
0	0	AI838541	TC159160	peptidylglycine alpha-amidatin	Mm.5121
0	0	AI838505	TC179060	null	Mm.39993
8555	25514	AI838644	TC203643	null	Mm.28567
10192	13623	AI838678	TC190205	P-selectin glycoprotein ligand	Mm.22173
33985	45331	AI841821	null	null	Mm.43092
0	0	AI841844	TC202103	null	Mm.22588
8796	12409	AI838653	TC161308	null	Mm.28517
38293	69053	AI838690	TC171094	null	Mm.28985
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51200	62623	AI841851	null	null	null
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9562	14753	AI836603	TC200907	null	Mm.7066
0	0	AI836874	TC173877	imidazoline receptor I-1-like	Mm.22330
85292	108141	AI836246	null	null	null
6411	6607	AI839849	TC194689	null	Mm.40093
27349	25727	AI836608	TC206817	null	Mm.41798

12502	19278	AI836234	TC163261	stathmin-like-protein RB3	Mm.35474
13266	13122	AI836252	TC174810	spermatogenic-specific proenke	Mm.2899
130056	135583	AI837935	null	null	Mm.39323
31242	32787	AI837511	TC177314	null	Mm.24566
19972	25959	AI840054	null	null	null
0	0	AI840107	TC201260	profilin II	Mm.20399
3461	4409	AI837955	null	null	null
13838	20294	AI837530	TC174994	null	Mm.21865
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24406	49469	AI840146	TC173346	lysyl hydroxylase 3	Mm.27426
126671	141594	AI840185	null	null	Mm.40096
27938	22165	AI841892	TC175486	null	Mm.23926
168607	198172	AI838921	TC161228	collagen alpha 2 chain type V	Mm.1949
19431	19561	AI840158	TC163659	null	Mm.19081
23129	26599	AI840198	TC157246	FUS2	Mm.29271
50112	96158	AI841906	TC159927	null	Mm.27344
38097	76229	AI838929	TC159707	SPARC (aa 1-302)	Mm.35439
0	0	AI836847	TC201645	null	Mm.25315
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5466	7373	AI839746	TC161028	null	Mm.25492
48095	60615	AI839795	TC200760	null	Mm.30206
0	0	AI840342	null	null	null
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39763	44160	AI839750	null	null	Mm.39789
9237	8544	AI836569	TC192619	null	Mm.41626
6533	12433	AI841562	TC203043	null	Mm.41778
151931	163280	AI834759	null	null	Mm.39753
0	0	AI838532	TC163485	null	Mm.24827
0	0	AI838492	TC186513	NOV protein	Mm.5167
48785	105189	AI841574	TC200416	null	Mm.22675
301805	622093	AI841705	TC187025	null	Mm.42275
4720	14016	AI838542	TC191356	SOX1 gene	Mm.39088
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8452	10570	AI838645	TC188422	microfibril-associated glycopr	Mm.41931
108226	83906	AI838680	TC173952	null	Mm.12983
44790	47584	AI841822	TC161750	cytoskeletal protein	Mm.38903
10889	15062	AI839301	TC174447	stat-like protein	Mm.38469
174149	191087	AI838656	null	null	null
72470	102428	AI838691	TC160863	null	Mm.28196
68503	112651	AI839286	TC161760	null	Mm.28465
246431	193827	AI839304	null	null	Mm.40410
65586	99971	AI836581	TC203779	null	Mm.40667
61531	68264	AI839859	null	null	Mm.39152
14310	15079	AI836875	null	null	null
25199	87214	AI836247	null	null	Mm.39120
20631	39021	AI836586	TC202801	elongation factor-1 alpha	Mm.2645
131374	175122	AI836609	TC159796	calmodulin	Mm.2648
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297313	521392	AI837534	null	null	null
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51137	66867	AI840191	TC201775	null	Mm.30015
22263	19820	AI841894	TC187498	null	Mm.2121
91159	102941	AI838922	null	null	null
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764990	719437	AI838930	null	null	Mm.39541
216184	183020	AI836849	null	null	Mm.39124
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4630	6685	AI836567	TC166565	null	Mm.40363
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0	0	AI839736	TC174375	null	Mm.29909
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9890	7406	AI836570	TC188995	null	Mm.40303
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0	0	AI838536	TC164665	null	Mm.60577
94547	99308	AI838500	null	null	null
133603	141672	AI841575	TC161221	calcium-binding protein S100A1	Mm.24662
52862	68945	AI841706	null	null	Mm.40797
40909	37985	AI838544	TC202082	synaptotagmin IX	Mm.28562
304642	342893	AI838512	TC202099	null	Mm.35458
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27301	37656	AI838681	TC174949	null	Mm.30864
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12966	235203	AI839302	TC157596	sulfated glycoprotein-2	Mm.18700
177441	153554	AI838657	null	null	Mm.39538
2810483	2271072	AI838693	TC186390	Selenoprotein P	Mm.22699
10635	21596	AI841827	TC187197	null	Mm.41793
68904	102719	AI841853	null	null	Mm.40798
22702	26202	AI836583	TC173091	mtprd	Mm.3679
50792	68965	AI836605	TC160661	null	Mm.43482
316661	525923	AI836876	TC200131	cofilin	Mm.4024
121565	175934	AI836891	TC159894	proteasome subunit C10-II	Mm.21874
112718	160310	AI836587	TC160653	DJ-1	Mm.2507
0	0	AI836610	TC191541	null	Mm.3590
3714	6334	AI836878	TC159868	necdin	Mm.7089
68002	103328	AI836256	TC164203	null	Mm.24115
12040	10018	AI837947	TC196347	null	Mm.40758
23010	25817	AI837524	null	null	null
59980	86979	AI840059	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
33549	38795	AI840113	TC200075	putative TSA, thiol specific a	Mm.42948

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142411	212420	AI840074	TC200213	ras-GTPase-activating protein	Mm.2411
28453	36622	AI839465	TC186724	neuropilin	Mm.27448
196052	368516	AI840148	TC159792	null	Mm.13944
72329	69538	AI840192	TC177665	null	Mm.27812
88274	75086	AI841895	TC200711	null	Mm.35822
263538	528013	AI838924	TC159469	heat shock protein 84	Mm.2180
97922	71432	AI840160	TC173834	null	Mm.29092
47603	69726	AI840202	TC202348	Glv-1	Mm.16757
18256	16192	AI841913	TC162092	null	Mm.43375
54882	70972	AI838933	TC175337	null	Mm.28401
9332	22942	AI840339	TC174196	null	Mm.2587
75661	111432	AI839729	TC173737	Ring3	Mm.3444
9822	16808	AI839747	TC163118	null	Mm.35522
16104	20406	AI836568	TC174047	null	Mm.29432
21234	24068	AI840344	TC160691	SCG10-related protein HiAT3	Mm.2319
231045	226819	AI839737	TC173039	Sui1 homolog	Mm.13886
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97097	127324	AI836571	TC187165	null	Mm.23329
88399	83020	AI841565	TC161793	null	Mm.7664
101072	90042	AI841696	TC189263	null	Mm.25296
11841	18636	AI838537	TC178650	null	Mm.41353
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157998	235627	AI841577	TC159860	p66 mot1	Mm.2849
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29725	37238	AI838686	TC166547	null	Mm.40413
10343	14802	AI839282	TC196353	null	Mm.40085
9864	21457	AI841848	TC160321	acinus'	Mm.30236
318269	327587	AI838658	TC157638	cathepsin B	Mm.22753
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50525	28174	AI841854	TC160725	null	Mm.24356
8649	8425	AI836584	TC189048	null	Mm.39505
25706	43729	AI836606	TC200599	'PEBP2b3 protein'	Mm.2018
96212	103996	AI836229	TC165328	null	Mm.31984
0	0	AI836892	null	null	null
67405	60209	AI836588	TC190555	null	Mm.29522
58090	67146	AI839861	null	null	null
44225	67723	AI836235	TC173430	WW-domain binding protein 2	Mm.1405
75841	127573	AI836620	TC200146	hepatoma derived growth factor	Mm.1141
8102	8680	AI837948	TC203370	null	Mm.24506
59597	53095	AI837526	TC163747	null	Mm.41252
66781	78770	AI840062	TC174075	null	Mm.23889
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67637	68578	AI837442	null	null	null
4748	5849	AI837543	TC191241	null	Mm.4681
25723	25733	AI840078	TC203172	null	Mm.24338

6391	7490	AI838792	TC176121	contains transmembrane (TM) re	Mm.40361
16920	18076	AI840150	TC179759	null	Mm.43084
23430	34308	AI840194	TC188878	null	Mm.29692
267828	198377	AI841901	TC174589	null	Mm.19027
22350	20129	AI838925	TC187293	glutamate-cysteine ligase regu	Mm.29340
331635	273430	AI840161	null	null	Mm.1776
93610	86102	AI841861	TC179205	null	Mm.31934
21766	33879	AI841918	TC160575	null	Mm.29253
55354	70432	AI838934	TC204553	null	Mm.41377
0	0	AI836851	TC201982	G protein gamma 3 subunit	Mm.27307
61536	67474	AI836536	TC158905	polymorphic tumor rejection an	Mm.4526
4710	10039	AI839748	null	null	null
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19487	19834	AI836855	TC187885	null	Mm.34818
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62637	70858	AI839840	null	null	Mm.39549
8818	8762	AI841568	null	null	null
7128	8378	AI834760	null	null	Mm.40040
42621	68298	AI838539	TC175102	ARL-6 interacting protein-4	Mm.29430
22107	23778	AI838503	TC191050	null	Mm.34123
57451	51842	AI841579	TC157804	arsenite inducible RNA associa	Mm.24521
2018095	1749099	AI834803	TC176638	null	Mm.34691
100294	131794	AI838549	TC200074	null	Mm.29573
26826	24687	AI838514	TC174872	PTP 35 protein	Mm.2902
23355	26709	AI838650	TC174041	FKBP65 binding protein	Mm.3894
150809	122324	AI838687	null	null	Mm.29590
104971	147840	AI839283	TC173958	Ino4 protein	Mm.110
0	0	AI841849	TC190911	null	Mm.40086
148167	115290	AI838659	TC158802	p21RhoC	Mm.262
62742	60502	AI838699	TC161267	null	Mm.35445
5468	8177	AI839288	TC201534	null	Mm.23017
47150	58088	AI840122	TC177267	null	Mm.6493
0	0	AI839848	TC164987	null	Mm.40356
71848	67492	AI836607	TC159106	vesicle associated membrane pr	null
658034	575682	AI836232	TC157592	E25B protein	Mm.4266
734741	1307666	AI836893	TC159587	37kDa oncofetal antigen	Mm.4071
0	0	AI839850	TC176852	null	Mm.30261
86638	98437	AI836611	TC186918	prion protein PrP27-30	Mm.648
5972	8139	AI836238	TC204802	null	Mm.39978
13888	10410	AI836621	null	null	Mm.39767
294630	240575	AI837950	null	null	Mm.39530
122324	136600	AI837528	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
18712	18954	AI840066	TC163453	null	Mm.39283
30180	32031	AI840116	TC175804	null	Mm.28140
46083	39313	AI837458	TC187098	null	Mm.27235
42340	31567	AI837546	null	null	null
103766	126978	AI840080	TC187302	null	Mm.27285
56284	58169	AI838793	null	null	null
87353	96868	AI840155	TC188227	null	Mm.22669
34790	32718	AI840195	TC190782	null	Mm.27021

40964	67310	AI841902	TC189876	null	Mm.9876
30082	28557	AI838926	TC188849	null	Mm.17310
88094	127473	AI840164	TC187514	null	Mm.29356
27134	25423	AI841865	TC164359	null	Mm.44601
269622	392709	AI841920	TC200453	null	Mm.28622
56129	64393	AI838935	TC174910	null	Mm.27133
21754	30760	AI839327	TC188460	null	Mm.41242
78230	152183	AI839363	TC186723	Int-6	Mm.880
10806	15737	AI838871	TC186838	synaptosomal associated protei	Mm.4435
8571	11987	AI841766	TC191476	null	Mm.64969
36464	74203	AI839337	TC159953	null	Mm.1268
6867	7280	AI839374	TC210079	null	null
297348	199845	AI838890	TC173122	null	Mm.6696
21538	27201	AI841783	TC173343	null	Mm.41486
448829	384458	AI840370	TC205358	null	Mm.39285
49499	45646	AI839888	TC158969	Nbr1	Mm.784
98580	101152	AI839936	TC187010	RING zinc finger protein	Mm.9326
72818	78432	AI841448	TC174950	null	Mm.29166
40687	43158	AI840383	null	null	Mm.40781
12369	22344	AI839899	TC175076	null	Mm.20848
18425	24955	AI841403	TC196401	null	Mm.40112
36006	30094	AI841463	TC174510	null	Mm.5423
618444	864795	AI839051	TC174730	null	Mm.34489
21948	20902	AI839086	TC186409	null	Mm.43822
8481	10050	AI837707	TC197233	null	null
0	0	AI840953	TC175515	null	Mm.41163
0	0	AI839048	TC162982	vesicular inhibitory amino aci	Mm.7444
6605	8124	AI837672	TC188003	null	Mm.27469
14088	15891	AI837724	TC161599	AU-binding enoyl-CoA hydratase	Mm.2733
4372	6259	AI840965	TC177127	null	Mm.34210
84722	76980	AI838991	TC173987	PMP68	Mm.1519
14060	23954	AI839030	TC173906	npdcf-1	Mm.1131
18686	20054	AI839518	TC173527	null	Mm.6157
110804	127214	AI839395	TC174733	null	Mm.30008
167879	186265	AI839002	null	null	Mm.43778
22773	27318	AI839038	TC203010	null	Mm.27540
82108	135969	AI839524	TC159783	null	Mm.2795
22115	39962	AI839417	TC187288	null	Mm.28687
110581	226137	AI841501	TC157595	ribosomal protein S3a	Mm.6957
11629	15089	AI841093	TC201836	null	Mm.25118
82085	91503	AI841137	null	null	Mm.28780
26188	39988	AI842042	TC202204	null	Mm.12706
9341	10384	AI841514	TC191195	null	Mm.30820
23840	24961	AI841106	TC175606	cyclin-dependent kinase 5	Mm.4818
119481	88980	AI841987	TC201344	null	Mm.34350
98968	96775	AI840798	null	null	Mm.2944
130002	116295	AI837750	TC160230	NADP-dependent isocitrate dehy	Mm.9925
36302	32663	AI837796	TC165885	null	Mm.28906
63096	65085	AI840898	TC161503	null	Mm.41737
21308	28834	AI840746	TC193563	null	Mm.40427
123384	165605	AI837758	TC160098	capping protein alpha 2 subuni	Mm.3529

15228	18611	AI837808	TC201942	GTP-binding protein alpha subu	Mm.20964
40718	49585	AI840916	null	null	Mm.41701
34111	49037	AI840758	TC200670	null	Mm.22721
61704	63717	AI839328	null	null	Mm.39337
41222	71168	AI839365	TC200500	schwannoma-associated protein	Mm.6483
2171778	2204938	AI838874	TC187096	phosphatase 2A catalytic subun	Mm.7418
10524	11009	AI841768	TC202202	null	Mm.279
71197	103707	AI839339	TC158918	UbcM4 protein	Mm.3074
21410	25750	AI839375	TC193073	null	null
55977	54820	AI838892	null	null	null
0	0	AI841787	TC193086	null	Mm.39979
30482	37140	AI840373	TC164041	null	Mm.41085
270236	278380	AI839890	TC202990	P55T protein	Mm.41288
27402	37482	AI839938	TC204041	null	Mm.42823
35929	35260	AI841451	TC200192	Cux/CDP(1B1); Cux/CDP homeopro	Mm.28177
337370	243945	AI840384	TC187239	null	Mm.28286
9460	44800	AI839902	TC187992	alpha-1 type XVIII collagen pr	Mm.4352
18079	28137	AI841408	TC161264	phosphoprotein	Mm.489
28465	43515	AI841464	TC187320	null	Mm.29731
9782	19052	AI839052	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
0	0	AI839089	TC167766	null	Mm.40011
0	0	AI837709	TC202602	null	Mm.39792
0	0	AI840954	TC190570	null	Mm.23519
0	0	AI839049	TC192697	null	Mm.41232
4803	7135	AI837674	TC206260	null	Mm.60698
30384	45468	AI837726	TC188792	null	Mm.26939
43600	61510	AI840967	TC175423	unnamed protein product	Mm.40605
0	0	AI838992	TC204537	null	Mm.25530
42326	52350	AI834855	null	null	null
80986	89357	AI839519	TC202838	null	Mm.41824
0	0	AI839397	TC202409	null	Mm.41212
6021	8285	AI834846	null	null	Mm.40729
7079	12514	AI839490	TC188912	null	Mm.38495
15224	18667	AI839526	TC187703	DXImx46e protein	null
0	0	AI839420	TC175792	null	Mm.43499
0	0	AI841503	null	null	Mm.4936
24602	37282	AI841097	TC187257	null	Mm.41773
27664	38050	AI841140	TC175041	cyclin H	Mm.37478
161975	153715	AI842044	TC160600	null	Mm.29032
91067	93933	AI841516	TC175447	ankyrin-3	Mm.3526
30145	33671	AI841107	TC175946	null	Mm.24734
153816	113893	AI841995	null	null	null
190306	273557	AI840802	TC160267	Dhm1 protein	Mm.3065
27868	36475	AI837751	null	null	Mm.15571
181084	262054	AI837797	TC159526	SERCA2b isoform	Mm.42255
151329	162283	AI840901	TC174598	null	Mm.42507
28701	30135	AI840748	TC188939	null	Mm.27895
29206	23061	AI837759	TC176085	tyrosine protein kinase	Mm.2918
13126	19043	AI837809	TC162975	male-enhanced antigen-2	Mm.9392
32576	37165	AI840919	TC200943	chop-10	Mm.7549
19491	24923	AI840760	TC189294	null	Mm.67066

11325	22537	AI839329	TC188556	null	Mm.29050
11228	20049	AI839366	TC162237	null	Mm.28947
27441	52997	AI838875	TC174622	microtubule-actin crosslinking	Mm.3350
60747	73208	AI841770	null	null	null
30210	30626	AI839340	TC187285	null	Mm.34002
0	0	AI839378	TC176068	Ash/Grb2-binding adaptor prote	Mm.34866
21791	34106	AI838894	TC202308	null	Mm.39330
0	0	AI841791	TC186406	null	Mm.10009
80140	91970	AI840375	TC164775	null	Mm.40424
353488	715778	AI839893	TC159528	alpha-tubulin	Mm.4591
14904	27912	AI839944	TC202801	elongation factor-1 alpha	Mm.2645
63783	77291	AI841455	TC186537	null	Mm.300
74401	111577	AI840388	TC189780	null	Mm.40100
15595	24796	AI839903	null	null	null
7084	13141	AI841409	TC169529	null	Mm.39806
108447	121101	AI841466	TC173921	null	Mm.28295
162863	247352	AI839054	TC175540	null	Mm.38847
37941	39310	AI837663	TC175192	phosphoprotein	Mm.4870
6688	12668	AI837711	TC173604	null	Mm.18421
19134	23493	AI840956	TC163329	dipeptidyl aminopeptidase-like	Mm.42078
50752	52353	AI839050	TC207237	null	Mm.41201
67339	75206	AI837675	TC188986	Bak protein	Mm.2443
81816	103225	AI837729	TC173260	null	Mm.28219
0	0	AI840969	TC205791	null	Mm.39992
25306	20470	AI838993	null	null	null
300966	376426	AI834856	null	null	null
58584	66842	AI839520	TC160594	guanylate kinase	Mm.3624
21990	22943	AI839403	TC195326	integral inner nuclear membran	Mm.40774
6531	4478	AI834847	TC187194	null	Mm.17917
4362	7045	AI839491	TC194110	null	Mm.41510
14886	35794	AI839527	TC179731	null	Mm.41831
25243	76493	AI839424	TC189850	teashirt 2	Mm.28740
78810	93664	AI841507	null	null	Mm.42267
9709	13463	AI841098	TC174586	null	Mm.27476
16627	22889	AI841145	TC161071	null	Mm.38607
53936	71754	AI842051	null	null	Mm.42651
22496	30437	AI841520	TC160921	BCL7B protein	Mm.31
10234	16221	AI841109	TC196583	null	Mm.40110
144378	180577	AI841996	TC157599	null	Mm.27051
20244	18443	AI840804	TC161097	BTEB3 protein	Mm.17468
0	0	AI837752	TC200583	pancortin-3	Mm.43278
35383	49417	AI837799	TC160519	guanine nucleotide exchange fa	Mm.3161
28804	34655	AI840903	TC186909	Sacm21	Mm.20926
14819	17466	AI840749	null	null	Mm.39346
281650	577745	AI837760	TC175671	null	Mm.30192
95409	131648	AI837810	TC186946	Ste20-like kinase	Mm.28761
28839	45355	AI840921	TC161509	null	Mm.21520
22878	27121	AI840761	TC174492	null	Mm.27311
16395	16345	AI839330	TC158997	p21	Mm.7414
15521	14462	AI839367	null	null	null
22338	22668	AI838877	TC200218	initiation factor 4All (AA 1 -	Mm.16323

79668	176473	AI841771	TC158217	null	Mm.19055
55105	59570	AI839341	TC174664	null	Mm.42567
35813	50273	AI839382	TC160911	null	Mm.20806
145439	68190	AI838895	TC201583	aromatic-L-amino-acid decarbox	Mm.12906
22715	21641	AI841793	TC175509	null	Mm.41133
105830	116843	AI840376	TC174011	null	Mm.29041
147812	162433	AI839895	TC200776	null	Mm.29296
294412	201180	AI841400	TC174241	null	Mm.29213
65285	86943	AI841457	TC159986	null	Mm.38541
164957	161736	AI840400	null	null	Mm.2632
35308	36273	AI839904	TC191311	null	Mm.39723
133505	232675	AI841410	TC173767	null	Mm.30069
23020	27616	AI841469	TC187139	protein carboxyl methyltransfe	Mm.25293
0	0	AI839055	TC162793	null	Mm.28180
16066	21895	AI837665	TC187102	tumor necrosis factor alpha co	Mm.27681
14887	16184	AI837714	TC174332	null	Mm.34416
0	0	AI840959	null	null	Mm.5260
83275	104928	AI839056	TC187292	null	Mm.30214
144394	261747	AI837677	TC203789	null	Mm.44104
14196	16556	AI837733	TC176503	TNF-stimulated gene 6 protein	Mm.3509
21087	32890	AI840972	TC173675	null	Mm.29580
56689	84395	AI838998	TC174214	testis-specific protein kinase	Mm.10154
470361	704949	AI839031	null	null	null
329040	507542	AI839521	null	null	Mm.40414
69030	118701	AI839411	null	null	Mm.39148
60862	59068	AI839004	TC159144	null	Mm.26171
163582	164003	AI839492	TC186529	null	Mm.2395
37999	35467	AI839528	TC174803	null	Mm.34801
0	0	AI839436	TC188521	null	Mm.24005
10787	10255	AI841508	TC174037	null	Mm.27797
14171	26222	AI841101	TC174008	aldolase C	Mm.7729
184140	191392	AI841146	null	null	null
132706	209554	AI842053	TC187632	mama	Mm.3152
33132	30997	AI841521	TC158450	null	Mm.24062
103986	261259	AI841111	TC158268	thymic shared antigen-1	Mm.788
37964	71983	AI842000	TC163340	null	Mm.37885
47414	40057	AI840807	null	null	Mm.39796
26561	39655	AI837754	TC191356	SOX1 gene	Mm.39088
20402	43552	AI837800	TC183816	null	null
102398	140869	AI840910	TC189009	null	Mm.9838
89791	98249	AI840752	TC187608	LZIP-1 and LZIP-2	Mm.12407
118300	149785	AI837761	TC190696	fos-related antigen-2	Mm.23704
536287	489578	AI837817	TC162391	tob family	Mm.4218
31783	32502	AI840922	TC160130	null	Mm.3871
69827	85706	AI840762	TC196407	null	Mm.39347
16544	23693	AI839331	TC205489	null	Mm.44107
653515	514763	AI839368	TC201265	carbonyl reductase	Mm.26940
68054	83192	AI838878	TC175371	null	Mm.28954
91218	79824	AI841777	TC202791	null	Mm.22433
28485	33196	AI839342	TC175460	null	Mm.18798
87759	348399	AI838842	TC157679	rbm3	Mm.2591

17244	23143	AI838902	TC175887	angiotensinogen precursor	Mm.8854
0	0	AI841794	TC189177	null	Mm.41689
43130	43638	AI840379	TC173675	null	Mm.29580
207098	195493	AI839896	TC160327	radixin	Mm.7051
43659	56117	AI841401	TC162875	null	Mm.20152
280372	315668	AI841459	TC159557	diazepam-binding inhibitor	Mm.2785
1056338	1007626	AI840401	null	null	null
15365	14735	AI839905	TC167320	null	Mm.40094
88504	132328	AI841412	TC201437	null	Mm.31097
60803	57426	AI841473	TC191356	SOX1 gene	null
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21857	29961	AI837669	TC203286	null	Mm.41003
100436	148180	AI837717	TC177873	null	Mm.44622
12433	15015	AI840960	TC162070	null	Mm.18268
51163	55329	AI839057	null	null	Mm.39781
89820	92447	AI837678	TC186897	null	Mm.28981
10599	6051	AI837738	TC207988	gamma-2 subunit of voltage-gat	Mm.12888
0	0	AI840973	TC189170	null	Mm.33120
0	0	AI838999	null	null	null
0	0	AI834857	null	null	Mm.2632
23080	28517	AI839522	TC202516	null	Mm.4022
12620	107306	AI839412	TC159456	stearoyl-CoA desaturase 2	Mm.298
149550	175426	AI834848	null	null	Mm.39305
48455	71660	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261
18161	25038	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
8906	10210	AI839437	TC202458	Dgcr6 protein	Mm.27155
64505	90227	AI841510	TC158244	14-3-3 theta protein	Mm.14722
50364	43821	AI841104	TC163872	rSHANK protein	Mm.40787
11990	16920	AI841985	null	null	Mm.40437
33894	41712	AI840794	TC201573	null	Mm.3434
61444	117729	AI841525	TC186838	synaptosomal associated protei	Mm.4435
56914	160805	AI841112	TC174223	null	Mm.29774
42256	72331	AI842004	null	null	null
98796	90871	AI840810	TC161365	null	Mm.27569
53987	60831	AI837755	TC173288	S-adenosylmethionine decarboxy	Mm.7880
181745	233725	AI837804	TC160385	null	Mm.29436
27420	33405	AI840913	null	null	null
415102	683481	AI840754	null	null	Mm.40784
48721	56104	AI837764	TC174646	null	Mm.24195
37516	37682	AI837819	TC162999	null	Mm.41203
30543	34465	AI840925	TC201707	null	Mm.18847
134432	133696	AI840764	null	null	null
104270	132749	AI839335	TC160315	gamma-1 adducin	Mm.44106
367634	287162	AI839369	TC160509	null	Mm.22560
16462	25550	AI838885	TC188529	type 6 nucleoside diphosphate	Mm.12951
172196	202077	AI841779	TC189279	null	Mm.34870
396907	292842	AI839343	TC174470	LN1	Mm.27066
7089	8443	AI838843	TC162403	PERIOD 2	Mm.8471
20899	23039	AI838905	TC164842	null	Mm.40406
92512	244768	AI841796	TC190127	null	Mm.42873
452191	468154	AI840381	TC187580	C33/R2/IA4	Mm.4261

127209	87601	AI839897	TC176624	null	Mm.35732
155385	155630	AI841402	TC174249	CC1	Mm.28862
60383	83051	AI841461	null	null	null
178371	154919	AI840403	TC188298	null	Mm.30699
447696	693532	AI839906	TC200092	null	Mm.29676
407690	409833	AI841415	TC188390	null	Mm.5381
38968	36596	AI841475	TC162876	null	Mm.37634
151674	139498	AI839047	TC186672	Fas activated serine/threonine	Mm.28123
21914	34252	AI837671	TC173941	null	null
262178	318868	AI837721	TC173322	cytoplasmic dynein heavy chain	Mm.29547
0	0	AI840964	null	null	null
159968	183240	AI839059	TC201453	null	Mm.28324
166639	170707	AI837683	TC202398	null	Mm.39751
149961	131215	AI837739	null	null	null
13635	5509	AI840974	TC202858	endophilin III	Mm.736
19327	40576	AI839000	null	null	Mm.43309
27599	26859	AI839034	TC161024	null	Mm.35828
145241	139920	AI839523	TC187651	ena-VASP like protein	Mm.2144
33597	49039	AI839415	TC191357	metabotropic glutamate recepto	Mm.41316
73378	50229	AI839005	TC202195	null	Mm.2097
408378	481374	AI839496	TC200198	null	Mm.24365
64566	65226	AI839531	TC158498	null	Mm.30928
11386	9973	AI839440	TC204380	null	Mm.39339
203068	163585	AI841511	TC200387	carbonic anhydrase II	Mm.1186
777634	772530	AI841105	TC159460	nucleolar protein	Mm.6343
25164	25570	AI841986	null	null	Mm.40799
303259	270333	AI840796	null	null	Mm.40785
32507	30947	AI841526	TC200432	null	Mm.41489
31997	41713	AI841115	null	null	null
1651928	2598189	AI842005	null	null	Mm.15571
8664	19811	AI840813	TC187063	null	Mm.29860
29935	33452	AI837757	TC177483	null	Mm.31504
60494	48347	AI837806	TC203053	null	Mm.33033
95704	151538	AI840915	TC174189	null	Mm.29750
188701	282762	AI840757	TC159531	alpha-tubulin isotype M-alpha-	Mm.4591
0	0	AI837766	TC187285	null	Mm.34002
61128	73923	AI837820	TC201519	null	Mm.29655
90404	93058	AI840926	TC190091	null	Mm.41557
58323	47855	AI840767	TC190567	null	Mm.30794
177337	254410	AI841218	TC201391	rod phosphodiesterase delta su	Mm.12925
60005	72118	AI841269	TC175795	null	Mm.29338
841702	628818	AI841308	TC159523	sodium/potassium ATPase beta	Mm.4550
264152	337143	AI841350	TC201045	NGFI-A binding protein 2	Mm.6549
46380	47139	AI841238	TC161051	F3 preprotein (AA -20 to 1000)	Mm.4911
107997	141581	AI841281	TC173563	null	Mm.21399
57259	51419	AI841325	TC193799	null	null
941942	1215594	AI841358	null	null	Mm.2944
10336	19842	AI842636	TC173805	null	Mm.20175
29451	38282	AI846411	TC157263	null	Mm.44166
0	0	AI846462	TC196314	null	Mm.39604
0	0	AI846592	TC188974	null	Mm.32352

178223	203756	AI842649	TC187015	null	Mm.30188
0	0	AI846424	TC191188	F-box protein FBX16	Mm.57469
40421	41223	AI846558	TC160802	null	Mm.25045
0	0	AI846599	TC175534	null	Mm.32619
104899	146131	AI846799	TC158876	histone H3.3A	Mm.16820
0	0	AI842947	TC160418	RNA/DNA-binding protein	Mm.1951
0	0	AI842986	TC204164	sulfotransferase-related prote	Mm.6562
11646	11435	AI843572	TC190112	null	Mm.33546
89647	84163	AI842916	null	null	null
0	0	AI842954	null	null	Mm.39362
0	0	AI843617	TC188590	thioether S-methyltransferase	Mm.299
42442	41656	AI843621	null	null	Mm.41092
14844	26332	AI841380	null	null	Mm.38097
34707	44388	AI845578	TC160922	null	Mm.43671
21648	22407	AI845620	TC190096	null	Mm.41169
52900	58997	AI845670	TC191205	null	Mm.25378
0	0	AI841390	TC175430	null	Mm.22537
38395	54283	AI845588	TC161618	null	Mm.19761
42780	62323	AI845633	TC187369	null	Mm.19799
0	0	AI845682	TC202701	null	Mm.41897
16750	21383	AI846624	TC164405	null	Mm.28681
47586	56525	AI845823	TC202296	null	Mm.23982
25256	26421	AI845862	TC163723	null	Mm.41385
9711	11321	AI845889	TC169470	null	Mm.57555
45041	50699	AI846632	TC203931	null	Mm.24950
43663	58865	AI845830	TC200138	FK506-binding protein	Mm.27941
116002	115143	AI845869	null	null	Mm.40162
53953	63924	AI843508	TC173583	null	Mm.34907
180459	179298	AI843651	TC190185	T4 surface glycoprotein precur	Mm.2209
44459	48991	AI842721	TC201414	null	Mm.30170
13396	14933	AI847157	TC189590	null	Mm.6926
18441	19671	AI842995	null	null	null
92539	97647	AI842668	TC161649	null	Mm.2644
38586	48968	AI842734	TC202471	null	Mm.29483
50481	68333	AI847166	TC190482	LDL receptor-related protein 6	Mm.20861
32821	33999	AI843011	TC196293	null	Mm.41731
37366	68961	AI841219	TC165131	null	null
178904	282823	AI841275	TC173998	null	Mm.21383
237412	387856	AI841311	TC159882	null	Mm.28357
133481	195500	AI841351	TC160282	APC-binding protein EB1 homolo	Mm.18418
6611	10345	AI841239	TC191378	null	Mm.22979
52889	59607	AI841282	TC186436	null	Mm.40195
114063	345991	AI841326	null	null	Mm.37214
244554	287331	AI841359	null	null	Mm.39562
50598	58852	AI842637	TC159138	null	Mm.33949
0	0	AI846412	TC176036	regulator of G-protein signali	Mm.7956
68905	76707	AI846463	TC200642	null	Mm.24559
0	0	AI846593	TC207944	null	Mm.42573
0	0	AI842653	TC159978	plasma phospholipid transfer p	Mm.6105
7781	6905	AI846425	TC188056	null	Mm.46397
0	0	AI846559	null	null	null

0	0	AI846600	TC173521	null	Mm.31616
10568	10209	AI846801	TC188099	null	Mm.34329
6054	11111	AI842948	null	null	null
7006	7963	AI842987	TC161008	Msx-interacting-zinc finger pr	Mm.30882
48771	54563	AI843576	TC202281	null	Mm.28991
0	0	AI842917	null	null	null
36220	53642	AI842955	TC187072	HMG-box transcription factor T	Mm.10712
11669	8399	AI843619	TC182744	null	Mm.39366
3321	5796	AI843622	TC206306	null	Mm.40140
55562	96635	AI841383	TC173724	null	Mm.21981
204211	117981	AI845580	TC187964	null	Mm.21623
17920	29764	AI845621	TC188704	null	Mm.21612
12461	13938	AI845671	TC186858	FBP 21	Mm.20938
45790	68967	AI841391	TC187078	calcineurin	Mm.41328
27107	37197	AI845592	TC162160	null	Mm.23790
22099	20424	AI845634	TC188805	null	Mm.23634
222449	241574	AI845685	TC200964	unnamed protein product	Mm.18230
7690	9774	AI846625	TC160168	null	Mm.21811
308921	248230	AI845824	TC159597	null	Mm.20418
88933	95799	AI845863	TC173859	null	Mm.41747
70393	82264	AI843497	TC175628	C /EBP delta	Mm.4639
0	0	AI846633	TC194999	null	Mm.40476
41064	28125	AI845831	null	null	Mm.2632
184223	188316	AI845870	null	null	null
40462	45979	AI843510	TC164113	null	Mm.27090
36156	66431	AI843655	TC162906	null	Mm.1687
0	0	AI842722	TC164389	null	Mm.39171
18873	33498	AI847158	TC174369	null	Mm.28849
34703	56801	AI842998	TC157610	CCT (chaperonin containing TCP	Mm.398
0	0	AI842670	null	null	Mm.2632
111711	111468	AI842735	null	null	Mm.40809
43526	54481	AI851477	null	null	null
10004	22236	AI843014	TC173642	null	Mm.24397
250542	423646	AI841222	TC160362	null	Mm.391
136496	223990	AI841276	TC201271	homologous to the yeast YGR163	Mm.28746
326662	325898	AI841315	null	null	null
26757	33059	AI841353	TC162162	metalloprotease-disintegrin MD	Mm.19830
21869	33315	AI841240	TC165061	null	Mm.40141
149806	281323	AI841283	TC158943	NNP-1	Mm.38344
27178	38134	AI841328	TC189842	null	Mm.27360
48073	47384	AI841361	TC203257	ancient conserved domain prote	null
78008	71970	AI842640	TC176904	null	null
33304	35322	AI846413	TC204120	protein kinase C	Mm.42120
19110	20623	AI846467	TC192107	null	Mm.34378
24705	28179	AI846594	TC161995	null	Mm.41866
14423	16807	AI842654	TC159824	Ulip	Mm.36903
21577	27477	AI846426	TC202899	null	Mm.27318
25086	36230	AI846564	TC187960	null	Mm.34555
15069	14218	AI846601	TC201861	null	Mm.28775
26374	34631	AI846803	TC175599	null	Mm.35693
138910	157337	AI842949	TC173626	beta-N-acetylhexosaminidase	Mm.2284

13013	10647	AI843610	TC178316	null	Mm.39729
92431	99366	AI843577	TC193335	null	null
7473	13373	AI842919	TC162192	null	Mm.41322
34517	54706	AI842957	null	null	null
23873	39389	AI843547	TC174324	UbcM4 interacting protein 48;	Mm.28409
31876	47712	AI843623	TC173077	PW29	Mm.164
117024	168928	AI841384	TC186748	null	Mm.22651
19717	31847	AI845581	TC190946	null	Mm.7086
32007	33842	AI845622	null	null	Mm.39596
92447	141537	AI845673	TC173591	MRJ	Mm.2701
11985	18103	AI841392	null	null	Mm.34847
18821	23754	AI845593	TC187902	null	Mm.27922
0	0	AI845636	TC165809	null	Mm.39597
0	0	AI845691	TC188624	null	Mm.44065
22055	23543	AI846626	TC173517	null	Mm.41495
10596	15012	AI845825	TC191501	null	Mm.44190
12466	27220	AI845864	null	null	Mm.40830
6894	8021	AI843499	TC166417	null	Mm.31866
21487	23209	AI846634	TC200763	null	Mm.41147
16772	38337	AI845834	TC189999	thrombospondin 2	Mm.26688
113811	160833	AI845871	TC201956	null	Mm.29495
41224	54994	AI843511	TC174565	null	Mm.21451
2343248	2337116	AI843656	TC188474	PKC delta II	Mm.2314
28295	40644	AI842725	null	null	Mm.25232
0	0	AI847159	TC211972	null	Mm.40852
17951	19200	AI843002	TC203003	null	Mm.2035
0	0	AI842678	null	null	Mm.40445
220494	236522	AI842738	TC189220	null	Mm.41375
13345	15907	AI847175	TC160801	Vav2 gene product	Mm.39302
0	0	AI843015	TC188088	ubi-d4	Mm.2651
23355	28235	AI841228	TC190860	null	Mm.22913
46049	46063	AI841278	TC158662	neuronal glycoprotein	Mm.2968
10409	17712	AI841318	null	null	null
14221	24133	AI841354	TC187592	null	Mm.10623
10492	14821	AI841241	TC173721	beta-galactosidase	Mm.2040
34545	40424	AI841284	TC176438	null	Mm.23551
582721	780786	AI841329	null	null	null
11451	14697	AI841362	TC175461	null	Mm.23305
290063	332248	AI842642	TC173759	null	Mm.26680
90694	90575	AI846416	TC160639	null	Mm.41297
24197	26181	AI846471	TC200066	null	Mm.23758
87714	144045	AI846595	TC173731	null	Mm.24042
30673	43688	AI842656	TC176037	null	Mm.28427
4322	8494	AI846427	TC163091	null	Mm.25659
13322	34735	AI846565	TC203862	null	Mm.39701
0	0	AI846603	TC165146	null	Mm.9998
0	0	AI842906	TC161686	null	Mm.35430
294703	479417	AI842950	TC159944	tropomyosin 5	Mm.17306
9783	10288	AI843612	TC160461	neuronal ceroid lipofuscinosis	Mm.21578
14137	16926	AI843578	TC186433	null	Mm.41796
38794	44865	AI842921	TC173682	null	Mm.28725

10643	15452	AI842958	TC186324	null	null
9178	16483	AI843549	TC202208	null	Mm.22283
35253	48327	AI843624	TC166094	null	null
17213	20266	AI841385	TC191084	null	Mm.32720
23718	22964	AI845582	TC196332	null	Mm.51562
138380	154023	AI845623	TC160241	null	Mm.4859
22846	42561	AI845674	TC190369	null	Mm.36418
358288	397015	AI841394	TC186490	null	Mm.16783
12033	12531	AI845594	TC182776	null	Mm.39595
24098	31743	AI845638	TC187255	pancreas sodium bicarbonate co	Mm.34747
23010	25958	AI845692	null	null	Mm.39991
10754	12590	AI846627	TC188902	cysteine-rich glycoprotein	Mm.15969
32502	36429	AI845826	TC174424	null	Mm.28715
29970	40430	AI845865	TC186839	null	Mm.20348
87380	100421	AI843500	TC186396	dihydropyrimidinase related pr	Mm.22695
40058	49153	AI846635	TC202435	null	Mm.41150
101399	141495	AI845836	TC201088	26S proteasome, non-ATPase sub	Mm.27933
13961	19230	AI845872	TC161678	hypothetical protein	Mm.34697
17226	17489	AI843512	TC187100	TNF-alpha converting enzyme pr	Mm.27681
147883	182997	AI842665	TC158869	null	Mm.186
20883	33407	AI842728	TC210067	null	null
12169	13501	AI847160	null	null	null
13866	20047	AI843003	TC176696	null	Mm.35368
65754	68682	AI842679	null	null	Mm.5293
22006	25937	AI842739	TC175252	null	Mm.69102
31061	29730	AI847176	TC201324	null	Mm.20245
39057	33744	AI843016	TC177660	null	Mm.39176
135960	249774	AI841233	TC184666	null	null
119866	152759	AI841279	TC161569	null	Mm.5293
283589	361647	AI841319	TC157635	overexpressed in testicular tu	Mm.4962
162052	207707	AI841355	TC174693	null	Mm.27750
86895	94977	AI841242	TC175660	null	Mm.32033
57914	84878	AI841288	TC176575	null	Mm.44230
31940	34189	AI841331	TC158317	null	Mm.3862
434882	506656	AI841363	TC158965	phosphatidic acid phosphatase	Mm.39060
26716	46575	AI842644	TC204095	null	Mm.4419
10845	16260	AI846418	TC176037	null	Mm.28427
25264	34872	AI846474	TC202770	DXHXS6673E protein	Mm.23458
14855	16208	AI846596	TC169449	null	null
47602	64120	AI842657	TC174258	null	Mm.30682
10724	8251	AI846429	TC162104	null	Mm.41865
10388	12898	AI846567	TC165017	cardiac ryanodine receptor	Mm.1334
26615	41113	AI846605	TC173112	Epithelin 1 & 2	Mm.1568
347173	691944	AI842908	TC159071	wolframin	Mm.20916
57007	123808	AI842952	TC174382	TBPIP	Mm.18344
20367	49689	AI843614	TC161849	cellular retinol binding prot	Mm.2450
58226	73827	AI843579	TC174275	null	Mm.32801
15615	22651	AI842923	TC166516	null	null
32451	45846	AI842962	TC175659	latent TGF beta binding protei	Mm.19307
27606	59065	AI843550	TC159838	null	Mm.22171
7892	11573	AI843626	TC200461	null	Mm.28492

31775	37764	AI841387	TC157932	null	Mm.33734
38997	44836	AI845584	TC200431	null	Mm.1791
1203445	1784762	AI845630	TC186539	14-3-3 zeta protein	Mm.3360
24751	47622	AI845678	TC157921	null	Mm.43358
3366	5688	AI841395	null	null	Mm.2632
4884	5168	AI845595	TC157912	null	Mm.39845
0	0	AI845640	TC176578	null	Mm.26101
0	0	AI845693	TC178745	null	Mm.32872
14945	32475	AI846628	TC188326	null	Mm.27142
35606	61785	AI845827	TC188449	null	Mm.29391
49508	62652	AI845867	TC187790	mitochondrial inner membrane t	Mm.27393
74100	56138	AI843501	TC175833	null	Mm.18262
31003	42679	AI846637	TC162482	null	Mm.42943
25380	25931	AI845837	TC191377	null	Mm.37703
26053	31642	AI845873	TC203965	null	Mm.39384
28211	31427	AI843513	TC160131	null	Mm.34338
3718	8316	AI842666	null	null	Mm.36803
40521	38006	AI842729	TC163186	null	Mm.24446
56129	85620	AI847162	TC187091	myo-inositol 1-phosphate synth	Mm.29357
24245	29677	AI843004	TC173921	null	Mm.44111
13771	22015	AI842681	TC161229	cartilage-associated protein (Mm.20904
6920	9194	AI842740	TC182786	null	Mm.40128
13866	14910	AI847177	TC205200	null	Mm.40994
4818	5005	AI843017	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
0	0	AI841235	null	null	Mm.29567
99545	99636	AI841280	TC161280	null	Mm.30254
425283	397395	AI841324	null	null	Mm.39561
341607	483555	AI841357	TC157674	adenine nucleotide translocase	Mm.16228
246266	279893	AI841243	TC188732	null	Mm.23572
72783	77666	AI841289	TC186517	68 kDa heat shock protein	Mm.6388
63555	107056	AI841332	null	null	null
201180	178751	AI841364	TC188390	null	Mm.27754
35981	37296	AI842648	TC202996	null	Mm.41033
19562	24684	AI846419	TC163484	CTIP2 protein	null
23060	27131	AI846557	TC163880	null	Mm.22849
13779	14638	AI846597	TC178582	null	Mm.30269
0	0	AI842659	TC194470	null	Mm.39170
33788	44349	AI846432	null	null	null
29329	32639	AI846569	TC190380	null	Mm.30850
86103	145069	AI846607	TC202256	null	Mm.40636
206102	273454	AI842912	TC173982	alien-like protein	Mm.3596
0	0	AI842953	TC191329	null	Mm.39175
33592	34758	AI843615	TC175184	null	Mm.22521
18586	18316	AI843580	TC157329	null	Mm.22578
59153	75386	AI842926	TC161397	null	Mm.30212
18688	23913	AI842964	TC200410	protein phosphatase type 2A ca	Mm.11711
71576	71775	AI843551	TC202684	null	Mm.41393
65870	70001	AI843627	TC200403	autocrine motility factor rece	Mm.34641
560299	569008	AI841389	TC159831	null	Mm.42256
5456	5311	AI845587	null	null	null
106904	88467	AI845631	null	null	null

12672	11944	AI845679	TC169468	null	Mm.39846
0	0	AI841396	TC187226	null	Mm.36768
22229	16094	AI845596	TC201252	null	Mm.29802
101592	137644	AI845642	TC200228	B cell antigen receptor Ig bet	Mm.30235
0	0	AI845694	TC190741	null	Mm.39738
17901	20458	AI846630	TC205408	null	Mm.44121
121566	117230	AI845829	TC159630	asialoglycoprotein receptor	Mm.6559
325366	259520	AI845868	TC200319	MHC NOD beta chain precursor	Mm.6716
25987	29389	AI843505	TC164626	null	Mm.41078
147001	275696	AI846638	null	null	Mm.39854
52989	52257	AI845839	TC188267	null	Mm.23178
196762	208879	AI845874	TC204917	null	Mm.3104
57181	64672	AI843514	TC190394	null	Mm.22519
0	0	AI842667	TC173809	preprodipeptidyl peptidase I	Mm.684
157120	128235	AI842733	null	null	Mm.40127
67601	57841	AI847165	TC182761	null	Mm.40495
106871	151922	AI843008	TC188913	mszf55-1	Mm.16650
77734	75138	AI842684	TC160582	interferon regulatory factor 3	Mm.3960
98771	100997	AI842741	TC176171	RORgamma orphan nuclear recept	Mm.4372
70337	81133	AI847179	TC201587	null	Mm.29615
13790	13809	AI843021	TC193278	null	Mm.23049
12210	14446	AI843902	null	null	null
20077	25300	AI847760	TC158261	null	Mm.38994
22936	25145	AI847799	TC163750	null	Mm.44090
48264	47795	AI846106	TC208657	null	Mm.40477
34077	51521	AI843909	TC188940	T-Brain-1	Mm.14158
18550	20907	AI847770	TC210020	null	Mm.39385
23155	27995	AI847810	TC173464	null	Mm.19825
65290	92569	AI846119	TC157296	null	Mm.5649
0	0	AI834908	null	null	Mm.40369
11466	16054	AI846482	TC178051	null	Mm.24552
438287	484172	AI846525	TC174045	null	Mm.29159
26495	27187	AI842061	TC201787	null	Mm.27853
27182	28680	AI834914	TC173495	selenoprotein W	Mm.42829
0	0	AI846490	TC200930	phosphatidylinositol transfer	Mm.3128
18462	34908	AI846533	TC174324	UbcM4 interacting protein 48;	Mm.27934
69817	59564	AI842069	TC186831	Mxi-WR protein	Mm.2154
20327	24034	AI847245	null	null	Mm.21625
0	0	AI847321	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
19080	20992	AI847410	TC189545	unnamed protein product	Mm.33318
7677	11902	AI847447	TC157723	fascin	Mm.13194
52544	83468	AI847253	TC203115	null	Mm.44907
0	0	AI847333	TC189568	GD3-alpha-2,8-sialtransferase	Mm.41726
128328	247153	AI847420	TC186439	ribosomal protein L21	Mm.29896
0	0	AI847453	null	null	Mm.41100
19185	24637	AI845896	TC163075	null	Mm.29463
33356	40512	AI845947	TC158240	null	Mm.4580
505010	650453	AI846927	TC175489	fosB protein (AA 1-338)	Mm.26091
21674	29165	AI846243	TC200912	null	Mm.18706
4518	11389	AI845915	TC161287	null	Mm.21864
22655	28129	AI845957	TC179610	null	Mm.39386

29058	54479	AI846944	TC201422	null	null
0	0	AI846254	TC190340	null	Mm.36404
17742	21092	AI842096	TC177855	null	Mm.40118
24703	48777	AI847281	TC187698	BRAK CXC chemokine	Mm.30211
0	0	AI847365	TC160768	7B2 preprotein (AA -26 to 186)	Mm.4836
50718	63369	AI846653	TC203514	null	Mm.22845
0	0	AI842106	null	null	Mm.39165
17825	16959	AI847293	TC186912	unnamed protein product	Mm.41277
20357	21806	AI847371	TC186652	null	Mm.30000
16294	18183	AI846663	TC194992	null	Mm.40856
0	0	AI847489	TC159173	Notch4	Mm.4404
11499	11952	AI847847	TC192082	null	Mm.39398
9153	13425	AI847880	TC200382	PCTAIRE-1 protein kinase	Mm.4597
0	0	AI847525	TC157728	kinesin heavy chain	Mm.3380
38282	45882	AI847499	TC187268	null	Mm.31076
43083	68008	AI847855	TC207403	null	null
47628	45470	AI847888	TC203083	kinesin light chain 2	Mm.12958
17617	19763	AI847543	null	null	null
21867	27617	AI843903	TC208532	null	Mm.37278
30570	41937	AI847763	TC202585	null	Mm.41724
68482	95536	AI847801	TC188264	heparan sulfate 6-sulfotransfe	Mm.27195
16948	27272	AI846102	TC187327	null	Mm.29264
73293	87741	AI843910	null	null	Mm.40454
35825	55540	AI847771	TC177062	activated leukocyte cell adhes	Mm.2877
168253	194758	AI847812	TC202221	null	Mm.24302
0	0	AI846120	TC201780	neuropathy target esterase hom	Mm.23085
42777	52191	AI834909	TC174177	null	Mm.38505
55291	62229	AI846483	TC159095	null	Mm.39605
0	0	AI846527	TC202080	unknown	Mm.7447
34043	44333	AI842062	TC200362	ablphilin-1	Mm.695
20900	25539	AI834916	TC187397	null	Mm.24036
15711	22686	AI846493	TC187859	null	Mm.22284
96304	105371	AI846534	TC161811	null	Mm.36811
14433	15481	AI842073	TC161476	null	Mm.25672
0	0	AI847246	TC175824	null	Mm.29126
9107	15673	AI847324	TC194398	null	null
13717	16315	AI847411	TC204015	null	Mm.40016
9990	31572	AI847448	TC205829	null	Mm.43133
34461	65164	AI847254	TC187467	null	Mm.28064
117931	231408	AI847338	TC186575	null	Mm.29919
0	0	AI847423	TC176608	null	Mm.41938
97395	144842	AI847455	TC160161	Rab10	Mm.9455
15440	19179	AI845897	TC186597	synaptotagmin 4	Mm.2446
3017	5361	AI845948	TC203816	null	Mm.40834
318280	259542	AI846930	TC200643	putative membrane associated p	Mm.9052
39476	61770	AI846244	TC161249	null	Mm.38451
8056	10704	AI845919	TC187766	unc-18 homologue	Mm.3129
23832	37684	AI846887	TC188056	null	Mm.20414
57983	78594	AI846946	TC202506	null	Mm.27136
17450	27415	AI846257	null	null	null
40906	55560	AI842097	TC173773	null	Mm.24312

57164	78102	AI847282	TC187296	null	Mm.24197
79452	84457	AI847366	TC173279	NFE2-related factor 1	Mm.6743
12144	11041	AI846654	TC175168	null	Mm.41264
13783	16105	AI842109	TC178799	null	null
11717	19255	AI847295	TC161746	null	Mm.24431
40744	51757	AI847372	TC175486	null	Mm.23926
0	0	AI846664	TC168048	null	null
0	0	AI847490	TC187239	null	Mm.28286
0	0	AI847848	TC193160	null	null
154123	310998	AI847881	TC158871	60S ribosomal protein	Mm.42578
99621	168720	AI847530	TC158943	NNP-1	Mm.38344
479660	496393	AI847502	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
140797	184917	AI847856	null	null	null
96518	90051	AI847889	TC159068	null	Mm.29574
230522	305163	AI847544	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
34679	37863	AI843905	TC167348	null	Mm.39183
29049	46925	AI847764	TC159505	defender against cell death 1	Mm.2547
48831	49775	AI847802	TC202355	null	Mm.22334
25550	32381	AI846112	TC165577	null	Mm.39600
107837	140115	AI843911	TC201168	glucocorticoid-induced leucine	Mm.22216
19093	33051	AI847772	TC162218	type II phosphatidylinositolph	Mm.8771
15183	15975	AI847813	TC207306	null	Mm.44073
26773	52054	AI846046	TC178808	null	Mm.40166
27554	33549	AI834910	null	null	null
26888	29377	AI846484	null	null	Mm.5293
360229	370022	AI846528	null	null	Mm.40486
25305	33154	AI842063	null	null	Mm.40801
6258	9098	AI834917	TC162274	growth factor regulated calciu	Mm.36248
20317	31525	AI846495	TC162703	null	Mm.29502
84607	92498	AI846536	TC160976	null	Mm.29118
50698	58339	AI842074	TC161980	null	Mm.40653
27897	33654	AI847247	TC210098	null	Mm.39859
227112	318468	AI847325	TC173141	monoclonal nonspecific suppres	Mm.4890
37277	56902	AI847412	TC192271	null	Mm.40073
14107	20411	AI847449	TC189000	null	Mm.68831
19233	27420	AI847255	TC175920	null	Mm.34795
32229	38270	AI847342	TC158070	null	Mm.39467
28134	42509	AI847424	TC188246	Fus1 protein	Mm.21739
36568	38613	AI847459	TC175778	null	Mm.29451
0	0	AI845899	TC166562	null	Mm.40831
11440	18245	AI845952	TC188531	null	Mm.41054
0	0	AI846934	TC173765	Kiaa0188	Mm.28548
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35820	59409	AI845920	TC188095	null	Mm.28430
24522	35810	AI846889	TC160611	null	Mm.29028
8335	11504	AI846947	null	null	null
53327	72734	AI846260	TC186442	ubiquitin conjugating enzyme	Mm.1570
33594	38040	AI842099	TC204120	protein kinase C	Mm.1266
18635	31746	AI847285	TC190821	apoptosis signal-regulating ki	Mm.36640
117886	138061	AI847367	null	null	Mm.40170
35953	31963	AI846656	TC163593	null	Mm.45554

12480	15264	AI842113	null	null	null
0	0	AI847296	TC187889	null	Mm.41190
12945	15134	AI847378	TC206893	null	Mm.39741
16238	17999	AI846666	TC169443	null	null
30855	44660	AI847493	TC174271	translocase of inner mitochond	Mm.24565
49580	65334	AI847850	TC159525	sarco-endoplasmic reticulum Ca	Mm.42255
14177	20529	AI847882	TC187196	Pftaire-1	Mm.63738
36219	43590	AI847531	TC173784	LIS	Mm.64447
21557	27518	AI847821	TC176249	null	Mm.35802
26306	34298	AI847858	null	null	null
25007	29614	AI847890	TC157724	myelin proteolipid	Mm.1268
21094	22880	AI847546	TC161205	unnamed protein product	Mm.29749
63093	69493	AI843906	null	null	Mm.39368
17735	24743	AI847765	TC160981	null	Mm.41642
100818	103753	AI847803	null	null	Mm.859
16844	31622	AI846113	TC186753	null	Mm.41384
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5051	7283	AI847774	TC202316	null	Mm.27773
34053	35407	AI847814	TC176040	null	Mm.34342
21240	27005	AI846047	TC189878	null	Mm.38563
25320	26725	AI834911	null	null	Mm.39306
41413	116618	AI846486	TC159923	small EDRK-rich factor 2	Mm.1106
6785	7720	AI846529	TC169450	null	null
50751	58934	AI842066	TC162008	null	Mm.41555
8004	11588	AI834918	null	null	Mm.43795
9461	8390	AI846497	TC204278	G-protein alpha-z subunit	Mm.44119
5646	4978	AI846538	TC163091	null	Mm.25659
20771	25731	AI842075	TC173246	GP106	Mm.21251
5050	6084	AI847248	TC188521	null	Mm.42359
130489	146238	AI847330	TC186440	null	Mm.19060
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25438	34910	AI847257	TC175276	null	Mm.68419
40361	59173	AI847346	TC161870	null	Mm.26212
32812	37034	AI847426	TC161098	null	Mm.41678
13645	19231	AI847460	TC193352	null	Mm.40857
19483	24303	AI845901	TC162234	null	Mm.29011
27363	39630	AI845953	TC188162	null	Mm.27932
187042	169464	AI846935	TC173838	null	Mm.30103
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22083	23583	AI845923	TC186597	synaptotagmin 4	Mm.2446
95150	109591	AI846890	TC188580	null	Mm.24025
0	0	AI846948	TC213534	null	null
53099	84072	AI846262	TC163893	null	null
35323	40221	AI842101	TC162712	null	Mm.39473
47325	102172	AI847288	TC187837	null	Mm.41217
36765	57807	AI847368	TC160334	translin	Mm.14644
19833	34458	AI846658	TC161148	MALA-2 protein	Mm.24423
9582	14377	AI842114	TC175044	null	Mm.36700
22903	29404	AI847300	TC202418	null	Mm.41551
13739	22333	AI847379	TC174065	unknown	Mm.23943

76666	125173	AI846667	TC186794	null	Mm.27357
12968	15736	AI847494	TC164122	null	Mm.45066
24035	34434	AI847851	TC170177	null	null
76932	133604	AI847883	TC187194	null	Mm.17917
174823	128401	AI847532	TC160283	ATP-specific succinyl-CoA synt	Mm.19154
28547	38082	AI847823	TC206844	null	null
21169	24075	AI847859	TC179903	null	null
23178	23246	AI847891	TC192595	null	Mm.40558
27188	35468	AI847549	TC201796	null	Mm.41457
10460	14537	AI843907	TC190090	CDV-1R protein	Mm.10125
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10349	18372	AI846116	TC162576	null	Mm.68476
23765	35003	AI843915	TC161892	null	Mm.40548
76119	83655	AI847775	TC162456	null	Mm.34007
38473	50173	AI847815	TC162995	null	Mm.28062
16597	23337	AI846048	TC161053	null	Mm.20273
0	0	AI834912	null	null	null
27812	25840	AI846487	TC164743	serine/threonine-protein kinas	Mm.41413
87938	99183	AI846531	TC174262	null	Mm.29706
32358	42771	AI842067	TC175632	null	Mm.39703
3987	6655	AI834919	TC194571	null	Mm.39508
29085	23065	AI846498	null	null	Mm.39853
15797	18004	AI846540	null	null	null
62422	47409	AI842076	TC160083	null	Mm.22559
34509	48977	AI847249	TC203377	null	Mm.27680
36468	51160	AI847331	TC160495	NPC1	Mm.3484
13751	15770	AI847418	TC161832	null	Mm.5918
10924	18240	AI847451	TC204168	null	Mm.26648
56047	79444	AI847258	TC158185	glutathione peroxidase	Mm.1090
92702	110709	AI847348	TC173610	ATP sulfurylase/APS kinase	Mm.18161
102462	78603	AI847429	TC161030	null	Mm.28664
25781	33701	AI847461	TC189015	null	Mm.41394
24326	39161	AI845902	TC200309	null	Mm.12459
65202	62718	AI845954	TC201893	null	Mm.27820
13886	9700	AI846937	TC163423	null	Mm.41761
9641	8108	AI846250	null	null	Mm.39196
211357	222127	AI845925	TC204289	null	null
31039	31272	AI846893	TC175868	null	Mm.25648
27181	36440	AI846949	TC187080	nuclear pore-targeting complex	Mm.16710
16721	22755	AI846266	TC165724	glutamate receptor channel sub	Mm.3292
12215	13867	AI842102	TC160377	null	Mm.28848
11572	9268	AI847289	TC176281	null	Mm.40773
41430	38942	AI847369	TC190537	null	Mm.183
14479	13799	AI846659	TC180311	null	Mm.45026
0	0	AI842115	TC201271	homologous to the yeast YGR163	Mm.28746
293530	505168	AI847301	TC159737	surfeit 3 protein	Mm.725
25786	31078	AI847380	TC186684	null	Mm.24808
434380	468716	AI846668	TC200349	Rho family GTPase RhoA	Mm.757
229054	326825	AI847496	null	null	Mm.41223
28646	35489	AI847852	TC176251	null	Mm.37854

107330	121009	AI847886	TC187124	null	Mm.22369
44991	48895	AI847534	TC161243	null	Mm.41840
50089	57694	AI847824	TC161848	null	Mm.41225
96071	78596	AI847860	TC174000	null	Mm.24222
17188	19850	AI847892	TC198604	null	null
61265	103354	AI847551	TC201261	fibroblast growth factor induc	Mm.14501
278465	361576	AI843908	TC186558	RIE2	Mm.30051
81205	121503	AI847767	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
24641	78083	AI847805	TC173107	minopontin precursor (AA -66 t	Mm.321
37800	64379	AI846118	TC174184	null	Mm.28594
30413	30904	AI843917	TC189560	null	Mm.30571
0	0	AI847781	TC190393	null	Mm.4971
123626	160198	AI847817	TC188344	ZO-1	Mm.4342
15185	15903	AI846049	TC191019	lim1	Mm.4965
24700	20909	AI834913	TC186595	null	Mm.41602
12852	14950	AI846488	TC161063	thymic epithelial cell surface	Mm.29710
14977	15407	AI846532	null	null	Mm.28012
46303	49767	AI842068	TC160385	null	Mm.29436
540258	966828	AI834923	TC159762	G protein beta subunit like	Mm.5305
153210	125864	AI846500	TC161496	null	Mm.22358
16624	25155	AI846541	TC204230	neurofilament protein	Mm.2034
35863	35069	AI842077	TC189105	null	Mm.23843
959940	962013	AI847251	TC160074	casein kinase I-alpha	Mm.43737
52010	45829	AI847332	TC174282	null	Mm.21761
11766	13029	AI847419	TC178841	null	Mm.36717
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75920	90647	AI847259	TC177317	null	Mm.40700
74766	72404	AI847350	TC194992	null	Mm.40856
21045	19280	AI847431	TC189457	null	Mm.23073
28587	33830	AI847462	TC187617	null	Mm.29690
18612	20045	AI845904	TC158346	null	Mm.40164
12816	13243	AI845956	TC192047	Potassium channel protein	Mm.39092
28651	59140	AI846943	TC157671	tyrosine kinase	Mm.6839
12124	13994	AI846251	TC202428	null	Mm.39717
30607	34312	AI845926	TC175827	null	Mm.29449
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108445	112775	AI846268	TC187068	null	Mm.719
27035	41034	AI842103	TC201598	null	Mm.40119
0	0	AI847292	TC160240	null	Mm.37504
51935	45291	AI847370	TC201065	secretory carrier membrane pro	Mm.3230
33838	116435	AI846661	TC175048	null	Mm.33757
180929	146169	AI842116	null	null	Mm.39813
27359	25720	AI847302	TC178012	null	Mm.39609
26862	27218	AI847381	TC173441	retinoblastoma-binding protein	Mm.12145
51868	46993	AI846669	null	null	null
21253	29641	AI847498	TC200227	null	Mm.30195
0	0	AI847853	TC205306	null	Mm.37943
96386	94751	AI847887	TC163119	PCTAIRE-3 protein kinase	Mm.28130
14085	13035	AI847541	TC163246	zinc finger protein	Mm.12832
24187	31317	AI847825	null	null	Mm.34515

263545	242364	AI847861	TC159484	protein kinase	Mm.1059
166958	172694	AI847893	TC201506	mitogen-activated protein kina	Mm.22612
45938	60990	AI847553	TC190801	null	null
61638	70413	AI843998	TC187078	calcineurin	Mm.41741
8487	9247	AI842787	TC160960	null	null
165706	164858	AI846980	TC162333	zinc transporter 4; ZnT4	Mm.27801
117819	91670	AI847030	TC188316	deformed epidermal autoregulat	Mm.28392
27080	41545	AI842756	TC162036	null	Mm.4857
24805	30459	AI842800	TC192632	null	Mm.35102
30044	37181	AI846990	TC161209	null	Mm.29139
75130	106676	AI847039	null	null	Mm.40493
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77548	72623	AI848173	TC200973	null	Mm.28541
42517	43802	AI848208	TC202535	null	Mm.35084
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0	0	AI848149	TC207113	null	Mm.39614
59633	86855	AI848183	TC187390	null	Mm.29150
11656	28402	AI848220	TC190811	null	Mm.40609
0	0	AI849595	TC194986	null	Mm.40876
42155	61316	AI844800	TC173826	calpactin I light chain	Mm.1
69667	96294	AI844866	TC173379	zinc finger protein ZNF216	Mm.2904
51499	96765	AI844823	TC174517	protein 4.1	Mm.30038
5008	5063	AI849137	TC183477	null	Mm.48703
45411	60615	AI844807	TC159107	null	Mm.34951
74579	98327	AI844873	TC186867	vacuolar adenosine triphospat	Mm.29045
46315	56436	AI844831	null	null	Mm.5293
28856	43339	AI849144	TC175037	NUP50	null
0	0	AI848082	TC170189	null	Mm.40510
33782	34429	AI848114	TC160957	null	Mm.28551
71589	144917	AI845964	TC157657	ribosomal protein S17	Mm.42767
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34935	56073	AI846013	null	null	Mm.39387
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105851	142038	AI848424	TC163685	null	Mm.41355
59341	86194	AI848454	TC160876	null	Mm.22192
36897	36749	AI849487	null	null	null
21515	32700	AI848404	TC202201	null	Mm.29038
31354	37811	AI848431	TC197038	null	null
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12390	22108	AI849503	TC176407	null	Mm.41254
83155	113300	AI849165	TC186642	null	Mm.28586
112628	81016	AI849195	TC200849	null	Mm.27354
20824	17711	AI849227	TC157646	adrenocorticotropic hormone pr	Mm.21878
20720	24079	AI849270	TC202661	null	Mm.30896
24447	30854	AI849174	TC176685	null	null
14676	10423	AI849202	TC176771	null	Mm.41770
15909	17132	AI849239	TC163674	null	Mm.25644
44087	65669	AI849279	TC159568	ATPase	Mm.29582

28530	35824	AI843999	TC179787	null	null
28163	28679	AI842788	TC203093	null	Mm.29875
16001	14829	AI846981	TC210001	null	Mm.26355
109005	178570	AI847031	TC186866	integrin alpha 6 subunit precu	Mm.25232
21174	23746	AI842757	TC206359	null	Mm.39172
120064	162324	AI842801	TC202926	null	Mm.17875
34548	46367	AI846994	null	null	Mm.21600
76019	99499	AI847041	TC160959	null	Mm.28899
4002	9864	AI848139	TC202759	null	Mm.41153
6410	8985	AI848174	TC204486	null	Mm.31344
7017	4748	AI848209	TC175335	null	Mm.3080
6155	7560	AI849581	TC194323	null	Mm.57471
7107	7260	AI848150	TC186804	lithium-sensitive myo-inositol	Mm.8089
11962	25516	AI848184	TC188176	null	Mm.27971
39377	46825	AI848221	TC160750	null	Mm.42826
36994	67076	AI849599	TC157824	histidyl-tRNA synthetase	Mm.10528
109311	85615	AI844801	TC159993	succinate dehydrogenase Fp sub	Mm.22149
29865	51264	AI844868	TC202831	null	Mm.34908
15767	28966	AI844824	TC203578	endothelin-B receptor	Mm.2377
0	0	AI849138	TC201988	null	Mm.40186
29742	55171	AI844808	TC199896	null	Mm.22491
0	0	AI844874	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
98978	245582	AI844833	TC163175	null	Mm.46506
33848	64441	AI849146	TC189303	null	Mm.30927
25946	31867	AI848083	TC160965	Id4	Mm.28223
0	0	AI848115	TC189317	null	Mm.28619
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24949	33838	AI846004	TC200561	OSF-1	Mm.3063
176150	202939	AI848091	TC200596	SDP3	Mm.7356
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31185	33424	AI845975	TC200286	coronin-1	Mm.27317
51940	75614	AI846014	TC160985	null	Mm.28870
0	0	AI848399	TC210687	null	Mm.39207
21846	28918	AI848425	TC162948	null	Mm.41476
85174	119200	AI848455	TC200126	p59 immunophilin	Mm.12758
62239	73774	AI849489	TC173732	null	Mm.12390
29710	41716	AI848405	TC162662	null	null
13861	16934	AI848433	null	null	Mm.40867
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48726	60661	AI849504	TC191684	null	Mm.40873
36580	34569	AI849168	TC204315	neurexin II	Mm.38036
28163	41718	AI849196	TC200913	null	Mm.3310
43163	77646	AI849229	TC159962	null	Mm.33808
204262	181260	AI849271	TC159726	null	Mm.29165
13147	20052	AI849175	TC202984	null	Mm.28871
25957	45718	AI849205	TC157880	null	Mm.2152
96138	198576	AI849240	TC203137	null	null
8412	9805	AI849280	TC188043	null	Mm.29989
91189	143007	AI844000	null	null	Mm.40147
32912	35122	AI842791	TC180774	null	Mm.55641
30905	48504	AI846983	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323

230022	200511	AI847032	TC173394	cytochrome c oxidase subunit V	Mm.2151
12953	17966	AI842759	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.33728
22929	29480	AI842803	TC158389	includes exons 3 through 12	Mm.34810
23226	24355	AI846995	TC178485	null	null
19143	20745	AI847045	TC175663	Ser/Thr kinase KKIAMRE-delta	Mm.18133
0	0	AI848140	null	null	Mm.16773
0	0	AI848175	TC201964	null	Mm.33848
29056	34093	AI848216	TC186679	null	Mm.28670
0	0	AI849583	TC188783	null	Mm.41523
17182	22782	AI848153	TC179629	null	Mm.31289
23575	37069	AI848189	TC200436	null	Mm.29890
39157	74933	AI848222	TC160742	GDP-dissociation inhibitor	Mm.28187
7177	13569	AI849600	TC202530	null	Mm.29458
14844	18264	AI844802	TC161425	transcriptional repressor RP58	Mm.27962
39947	64460	AI844869	TC180553	null	Mm.40468
8730	12882	AI844826	TC162407	neurotensin receptor	Mm.5153
0	0	AI849139	TC179446	null	Mm.40515
9747	14301	AI844809	null	null	null
29600	52968	AI844875	TC202385	branched-chain amino acid amin	Mm.4811
65511	142153	AI849117	TC159808	Csa-19	Mm.2424
31021	57148	AI849147	TC164332	null	Mm.41763
36648	32427	AI848085	TC207418	null	Mm.39400
72512	108066	AI848116	TC173252	translation repressor NAT1	Mm.525
59860	92420	AI845968	TC159978	plasma phospholipid transfer p	Mm.7046
14327	16193	AI846005	TC186704	null	Mm.34411
45808	55609	AI848093	TC162311	null	Mm.7686
19940	31185	AI848124	TC176734	null	Mm.39700
31204	63436	AI845976	TC210017	null	Mm.43862
7459	11314	AI846016	TC202448	ADP-ribosylation factor-direct	Mm.5237
73940	172278	AI848400	TC160349	null	Mm.35844
262099	270483	AI848426	TC164246	mkr3	Mm.1176
117317	175275	AI848457	TC173569	proteasome subunit X	Mm.8911
36575	54572	AI849495	TC163249	null	Mm.24637
27091	27495	AI848406	TC176851	null	Mm.39208
25215	22967	AI848435	TC187262	null	Mm.28422
10393	16959	AI848465	TC210815	null	Mm.63855
59212	67799	AI849505	TC164582	null	Mm.39284
7661	11472	AI849170	TC162035	beta subunit of Ca ²⁺ /calmodu	Mm.4857
39403	43637	AI849197	null	null	Mm.35851
25050	26387	AI849232	TC202564	null	Mm.27738
67511	85774	AI849272	TC161697	null	Mm.40517
67757	106475	AI849176	TC173490	heparin binding protein 44	Mm.4560
14826	15510	AI849206	TC169694	null	Mm.44127
30376	43617	AI849242	TC205663	null	Mm.38573
76419	82154	AI849281	TC173053	pro-alpha-2(I) collagen	Mm.4482
63678	82423	AI842746	null	null	null
20677	27099	AI842792	null	null	Mm.39173
36546	48525	AI846984	TC174165	null	Mm.10285
36766	34116	AI847035	null	null	Mm.39394
84754	115479	AI842763	TC205901	epidermal growth factor recept	Mm.11545
13194	17457	AI842806	TC209978	null	null

4639	8061	AI846999	null	null	null
0	0	AI848062	TC168211	null	Mm.2523
0	0	AI848146	TC158427	null	Mm.28488
82929	125340	AI848176	TC200434	null	Mm.23693
88119	96748	AI848217	TC161830	null	Mm.22726
0	0	AI849590	TC204968	null	Mm.32839
96926	129990	AI848154	TC200308	BTEB-1 transcription factor	Mm.24329
140720	143038	AI848190	TC200182	null	Mm.1893
10876	17023	AI848224	TC203336	null	null
0	0	AI849602	TC206958	null	Mm.68524
27160	34976	AI844804	TC186759	null	Mm.5856
14033	17672	AI844870	TC177969	engrailed protein	Mm.4298
15300	14088	AI844827	TC201953	mitochondrial ribosomal protei	Mm.364
7504	6276	AI849140	TC180955	null	null
24461	36780	AI844810	TC189095	protein kinase	Mm.18856
11753	13841	AI844876	null	null	Mm.36670
217147	458078	AI849118	null	null	Mm.5293
0	0	AI849148	null	null	null
6341	6846	AI848086	TC180896	null	Mm.39613
13456	15019	AI848117	null	null	Mm.15571
13925	13763	AI845970	TC157456	null	Mm.40254
28435	30040	AI846007	null	null	null
0	0	AI848094	TC200725	null	Mm.29685
68573	91027	AI848125	TC203290	adenylosuccinate synthetase	Mm.3440
11175	15566	AI845977	TC188622	null	Mm.21568
30887	42335	AI846017	TC160901	null	Mm.33947
27506	43949	AI848401	TC189067	null	Mm.45746
109044	146910	AI848427	TC200628	vesicle associated membrane pr	Mm.28643
69024	110992	AI848458	TC161159	null	Mm.29452
12305	13323	AI849496	TC177978	null	Mm.41284
24122	35919	AI848407	TC159647	prealbumin	Mm.2108
109877	118472	AI848438	null	null	Mm.41663
5448	10780	AI848466	TC201263	carbonyl reductase	Mm.21454
14220	18864	AI849507	TC189459	null	Mm.44128
40119	56623	AI849171	TC160435	aortic carboxypeptidase-like p	Mm.35788
18217	24994	AI849198	TC164978	null	Mm.32107
22546	32526	AI849233	TC181735	null	null
18662	16551	AI849273	TC164649	null	Mm.33388
38956	53151	AI849177	TC163672	null	Mm.41639
24271	27764	AI849208	TC177737	neuronal protein 4.1	Mm.20852
20178	21162	AI849245	TC187923	tryptophan--tRNA ligase	Mm.38433
12943	20595	AI849282	TC202850	null	Mm.32646
0	0	AI842752	TC174040	TOLLIP protein	Mm.29519
24581	37526	AI842795	TC176273	null	Mm.23971
114157	157297	AI846985	TC175842	null	Mm.27397
14415	20375	AI847036	TC188993	null	Mm.41554
34256	48401	AI842764	TC160309	TMEFF2	Mm.23304
89492	101206	AI842809	null	null	Mm.5293
21925	27848	AI847000	TC189660	Pdcd9	Mm.29109
29052	44299	AI848063	TC161745	null	Mm.34452
28456	30611	AI848147	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355

26677	27537	AI848177	TC186528	null	Mm.27401
16241	19210	AI848218	TC164452	null	Mm.39972
14678	19842	AI849592	TC201799	RNA binding protein Elavl4	Mm.3970
53121	75208	AI848155	TC175025	null	Mm.18876
73711	111063	AI848191	TC201063	house-keeping protein	Mm.103
27601	32646	AI848225	TC200530	null	Mm.27671
15560	20985	AI849605	TC163098	null	Mm.30702
67659	85955	AI844805	TC174480	null	Mm.27206
102317	119890	AI844871	TC188772	null	Mm.41640
15690	28550	AI844828	TC162848	glycine transporter	Mm.2834
80432	120823	AI849142	TC187318	mitotic checkpoint protein BUB	Mm.927
91504	82544	AI844846	TC188540	null	Mm.24395
17939	16488	AI844877	TC165842	null	null
35032	40066	AI849119	TC163383	null	Mm.1896
44572	56213	AI849149	TC173194	null	Mm.29815
14368	16854	AI848088	TC200934	beta-1,4-galactosyltransferase	Mm.24545
13603	23252	AI848120	TC162564	null	Mm.23079
58840	83528	AI845971	TC175277	null	null
7125	5662	AI846009	TC157249	null	Mm.23141
25587	21954	AI848095	TC190084	null	Mm.41614
4847	7037	AI848126	null	null	Mm.39205
51038	52202	AI845979	null	null	Mm.39598
75117	104624	AI846018	null	null	null
17082	23541	AI848402	TC158218	MHC H2-TL-T17-c	Mm.33263
27205	39309	AI848429	TC190825	null	Mm.39466
29563	28058	AI848459	TC169492	null	Mm.40180
14130	12745	AI849501	null	null	null
71831	111459	AI848408	TC159878	Id2 protein	Mm.1466
64820	72216	AI848439	TC175832	null	Mm.41932
93340	89081	AI848468	TC201060	null	Mm.1608
33699	38830	AI849508	TC181510	null	Mm.39876
0	0	AI849172	TC158621	null	Mm.41019
44242	44859	AI849199	TC188594	null	Mm.44126
179637	244092	AI849235	TC173252	translation repressor NAT1	Mm.525
21931	23592	AI849275	TC187727	null	Mm.38956
20368	22751	AI849178	null	null	Mm.43125
21859	17480	AI849209	TC159444	null	Mm.19133
30060	97978	AI849247	TC181475	null	Mm.24111
348462	595018	AI849283	TC161262	null	Mm.39625
64853	101493	AI842754	TC160153	null	Mm.29971
200524	334107	AI842796	null	null	Mm.40129
42285	55593	AI846986	TC205945	null	Mm.41139
46314	47643	AI847038	null	null	null
26703	30142	AI842765	TC176935	null	Mm.26548
279912	262672	AI842812	null	null	null
150569	165694	AI847002	TC187286	vacuolar adenosine triphosphat	Mm.1081
45168	57421	AI848064	TC165387	possible additional N terminal	Mm.4947
0	0	AI848148	TC210691	null	Mm.39401
49369	51644	AI848179	TC202665	null	Mm.38431
31277	35260	AI848219	TC201827	unnamed protein product	Mm.27160
20055	20860	AI849594	TC162509	G-protein coupled receptor	Mm.12860

66569	71755	AI848156	TC191244	null	Mm.41233
32074	27379	AI848192	TC175262	preprosomatostatin	Mm.2453
61166	71452	AI849543	TC203092	null	Mm.41867
26834	26087	AI849606	TC201413	folate receptor alpha precursor	Mm.2135
64783	77427	AI844806	TC187186	Borg4	Mm.21921
0	0	AI844872	TC164022	seven pass transmembrane recep	Mm.39728
10895	12741	AI844829	TC161345	null	Mm.41181
6398	5763	AI849143	TC174757	null	null
31848	41434	AI844847	TC190310	null	Mm.29167
0	0	AI844878	TC161485	null	Mm.40276
12911	26735	AI849120	TC161790	TDAG51	Mm.3117
60766	72770	AI849150	TC162753	null	Mm.29777
9425	9573	AI848089	TC206310	zinc-finger homeodomain protei	Mm.41522
25542	31617	AI848121	TC175308	Herc2	Mm.20929
16621	18053	AI845973	TC177398	null	Mm.39848
11592	13693	AI846010	TC203056	DNA polymerase zeta catalytic	Mm.2167
45102	28913	AI848096	TC189947	DAL1P	Mm.40511
0	0	AI848127	TC161948	null	Mm.29963
23680	30781	AI845981	TC200609	null	Mm.27319
123427	129695	AI846019	TC186853	unknown	Mm.692
88789	97756	AI848403	TC203236	cGMP phosphodiesterase; PDE9A1	Mm.10812
115348	115514	AI848430	TC188889	null	Mm.26506
19429	18450	AI848460	null	null	null
104184	147993	AI849502	TC159443	CDEI binding protein	Mm.19133
4654	5035	AI848409	TC205987	null	Mm.39870
40549	41214	AI848441	TC174234	null	Mm.28876
24961	30568	AI848469	TC201427	null	Mm.21407
107700	83226	AI849509	TC158204	MHC class I heavy chain precur	Mm.33263
0	0	AI849173	TC165253	null	Mm.44231
192120	134296	AI849200	TC174109	glutathione transferase	Mm.2662
17925	15656	AI849238	TC159857	null	Mm.25298
14658	13261	AI849278	TC178636	null	Mm.40187
0	0	AI849179	TC204025	null	Mm.27813
20886	16222	AI849210	TC158807	insulin-like growth factor bin	Mm.22248
90332	87649	AI849249	null	null	null
47021	61509	AI849284	TC194166	null	Mm.51575
23261	34335	AI849006	TC165921	null	null
0	0	AI844455	TC165852	null	null
28309	30646	AI844496	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
142300	275012	AI848720	null	null	null
20411	24887	AI849017	TC175978	prediabetic NOD sera-reactive	Mm.18805
21977	56826	AI844467	null	null	Mm.43100
36001	46756	AI844512	null	null	null
37531	56092	AI848726	TC206327	null	Mm.35785
145369	225805	AI849697	TC187297	null	Mm.60980
12235	22257	AI844305	TC160898	null	Mm.38173
29292	27691	AI849712	TC199325	null	Mm.40193
72040	71559	AI849761	TC161356	PRAJA1	Mm.8211
9079	12439	AI844267	TC158384	null	Mm.29729
19227	27772	AI844316	TC174981	junD protein (AA 1-341)	Mm.1175
54527	55847	AI849722	TC157732	null	Mm.22179

35966	62480	AI849768	TC208717	null	Mm.40629
25373	41636	AI850339	TC203544	DSD-1-proteoglycan	Mm.40277
13932	13088	AI850383	null	null	null
42205	61012	AI850419	TC200669	null	Mm.30242
128192	172018	AI850470	null	null	Mm.40887
4619	6151	AI850351	TC205070	null	Mm.32955
24291	26225	AI850389	TC173974	null	Mm.13430
37328	57096	AI850427	TC186800	WSB-1	Mm.28719
0	0	AI850480	TC176966	null	Mm.39977
116018	237629	AI848744	TC159469	heat shock protein 84	Mm.2180
10202	13763	AI844545	TC178200	null	Mm.43345
9589	9502	AI844565	null	null	Mm.39585
0	0	AI844579	null	null	Mm.5293
16395	12609	AI848746	TC158978	brain amphiphysin 2	Mm.4383
23821	39324	AI844550	TC190606	null	Mm.32086
4130	8526	AI848793	null	null	Mm.5152
0	0	AI844589	TC191270	null	Mm.40462
23473	39867	AI844709	TC174038	null	Mm.20313
48538	77293	AI844751	TC158944	null	Mm.28982
34155	50281	AI844632	TC189052	null	Mm.38291
27835	41691	AI844664	TC174446	null	Mm.41750
7693	7665	AI844716	TC200978	null	Mm.30123
18584	15957	AI844766	TC198431	null	null
28084	35352	AI844641	TC204158	null	Mm.39295
0	0	AI844675	TC204092	null	Mm.39188
21553	28436	AI850757	TC174108	Ubc6p homolog	Mm.1971
8153	15206	AI850790	TC210709	null	Mm.51564
26542	31295	AI850829	TC163208	null	null
55503	72563	AI850554	TC157622	proline-rich protein	Mm.28797
21693	33897	AI850764	TC176699	null	Mm.34649
61048	86937	AI850802	TC176648	null	Mm.44134
81344	144569	AI850523	TC205806	null	Mm.40582
32981	35962	AI850565	TC200561	OSF-1	Mm.3063
17078	26747	AI849007	TC162414	null	Mm.40611
291586	525432	AI844459	TC204451	null	Mm.29260
32159	39823	AI844497	TC162178	null	Mm.39856
8880	15270	AI848722	TC188300	GRIN1	Mm.40522
21861	23200	AI849018	TC205872	null	Mm.44915
0	0	AI844470	null	null	Mm.40461
13405	20119	AI844516	null	null	Mm.45231
17698	23868	AI848728	TC176772	prenylated SNARE protein Ykt6	Mm.28680
37598	44776	AI849700	TC204139	null	Mm.24330
0	0	AI844307	TC188750	dnaJ-like protein	Mm.18237
19269	36913	AI849715	TC204637	G protein alpha i1 subunit	Mm.36875
55581	49477	AI849762	TC203193	null	Mm.33057
3484	5105	AI844268	null	null	null
28721	38125	AI844317	TC169752	null	Mm.41137
0	0	AI849724	TC203225	Rho-GDI3 gene product	Mm.1383
3664	4848	AI849771	TC190011	null	null
23565	33638	AI850340	TC187395	Rab 11	Mm.1387
0	0	AI850392	null	null	null

16979	20261	AI850420	TC157682	null	Mm.18516
2586	5459	AI850472	null	null	null
16671	22293	AI850352	TC201277	null	Mm.22428
0	0	AI850390	TC164918	null	Mm.19440
11830	13196	AI850428	TC200387	carbonic anhydrase II	Mm.1186
3103	4045	AI850482	TC178225	null	Mm.6358
12125	24248	AI844537	null	null	Mm.39583
4744	10810	AI848763	TC191161	null	Mm.44368
11136	17440	AI848788	TC175562	null	Mm.41898
20603	20527	AI844580	TC164176	null	null
23180	26094	AI848747	TC200311	fractalkine/neurotactin	Mm.3205
50194	72166	AI848769	TC173080	zinc finger protein	Mm.17519
78135	98244	AI844566	TC202734	null	Mm.40282
298255	337110	AI844592	null	null	null
62300	82335	AI844710	null	null	Mm.41059
11660	22592	AI844752	TC189899	null	Mm.27143
551254	905831	AI844634	null	null	Mm.43778
17197	25912	AI844665	TC162590	null	Mm.5083
45564	60965	AI844718	TC168120	null	Mm.39294
50854	79656	AI844769	TC201610	null	Mm.41940
48823	61567	AI844642	TC175063	null	Mm.29205
0	0	AI844676	null	null	null
22331	23683	AI850758	null	null	null
0	0	AI850791	null	null	null
58786	80251	AI850830	TC176498	Cdc42/Rac effector kinase PAK-	Mm.35382
40564	66274	AI850555	TC173755	JUN-B protein	Mm.1167
10637	9678	AI850768	TC163625	null	Mm.39888
64829	69734	AI850803	TC178580	null	Mm.19313
44702	71053	AI850525	TC175154	null	Mm.27762
0	0	AI850566	null	null	Mm.40203
23333	43475	AI849008	TC187962	null	Mm.28659
96651	125056	AI844460	TC202183	SAP102	Mm.4615
0	0	AI844498	TC196289	null	Mm.33390
13727	16762	AI848723	TC162844	null	Mm.4079
0	0	AI849019	TC175518	MOBP170	Mm.41607
12029	24245	AI844473	null	null	Mm.39372
63484	110466	AI844517	TC186609	Rnf4	Mm.21281
0	0	AI844531	TC161641	null	Mm.28924
19641	21482	AI849706	TC174030	null	Mm.21634
0	0	AI844310	null	null	null
24835	31805	AI849717	TC178790	null	Mm.40278
18316	30487	AI849763	TC201076	null	Mm.8686
119746	131027	AI844273	TC169412	null	null
82492	97996	AI844318	TC190753	null	Mm.40035
9269	13471	AI849725	null	null	Mm.39880
31847	44081	AI849775	TC173447	osteoblast specific factor 2 p	Mm.10681
45454	59334	AI850346	TC173767	null	Mm.30069
42557	63481	AI850393	TC189293	null	Mm.40985
9513	13181	AI850421	null	null	Mm.40886
53994	82346	AI850476	TC176661	null	null
39797	51367	AI850354	TC174287	null	Mm.29112

24174	39449	AI850396	TC173279	NFE2-related factor 1	Mm.6743
60883	80465	AI850429	TC200758	null	Mm.32624
25389	29951	AI850483	TC163324	null	Mm.31751
17960	23250	AI844538	TC174981	junD protein (AA 1-341)	Mm.1175
115787	129443	AI844547	TC158499	ifngr2	Mm.22698
19722	32984	AI848789	TC176197	member of BCL7 gene family	Mm.2898
0	0	AI844584	TC176096	null	Mm.41643
38276	57759	AI848748	TC160375	null	Mm.34606
18225	20284	AI844552	TC175117	tau-protein	Mm.1287
49697	73446	AI848796	TC201577	TFIID	Mm.43711
26534	34635	AI844594	TC162394	null	Mm.41459
12768	29956	AI844711	TC174813	null	Mm.20420
27986	52202	AI844756	TC160033	null	Mm.29323
26699	28829	AI844636	TC200095	null	Mm.622
155169	190153	AI844668	TC186727	null	Mm.25148
254598	266890	AI844721	null	null	null
63370	72415	AI844771	TC200568	unnamed protein product	Mm.27903
194665	214539	AI844643	TC187213	mlrq-like protein	Mm.41926
25734	28027	AI844677	TC204114	kinesin heavy chain	Mm.41576
79278	85150	AI850760	TC160654	null	Mm.29987
37790	54108	AI850793	TC188726	nuclear receptor coactivator R	Mm.27592
24745	24991	AI850511	TC202394	null	Mm.18098
31452	36100	AI850556	TC190337	null	Mm.39419
22762	36724	AI850769	TC174965	beta-preprotachykinin A	Mm.1440
27722	34111	AI850804	null	null	Mm.40204
41747	50376	AI850527	TC161977	null	Mm.24082
32285	42470	AI850573	TC190342	attractin	Mm.61773
52018	59809	AI849009	TC201141	null	Mm.41665
12350	15202	AI844461	TC177643	null	Mm.41455
276408	300945	AI844503	TC175645	GTP cyclohydrolase I	Mm.10651
234058	469796	AI844528	TC159789	ribosomal protein L8	Mm.30066
40571	59002	AI849020	TC187211	null	Mm.34401
18083	27857	AI844475	TC189130	null	Mm.30557
27399	46063	AI844518	TC200531	syntaxin 6	Mm.41462
16954	23479	AI848729	TC161399	null	Mm.39482
187646	259495	AI844264	TC158900	beta proteasome subunit	Mm.368
5274	19925	AI844311	TC201693	null	Mm.29681
16275	27222	AI849718	TC173981	null	Mm.18924
0	0	AI849764	TC179671	null	null
6679	11096	AI844274	TC160313	null	Mm.730
18097	19706	AI844319	TC174792	null	Mm.14534
36934	44602	AI849729	TC173907	null	Mm.46176
88155	63561	AI849776	TC175016	null	Mm.28890
86113	88612	AI850348	TC200964	unnamed protein product	Mm.18230
57174	37308	AI850395	TC161049	Bet1p homolog	Mm.23564
10945	12721	AI850422	TC177848	null	Mm.44834
73249	99570	AI850477	TC189207	null	Mm.38492
14882	20034	AI850355	null	null	null
0	0	AI850398	null	null	null
10730	10827	AI850430	TC195019	null	Mm.39381
5846	10370	AI850484	TC163358	potassium channel protein	Mm.40672

38185	49961	AI844539	TC188467	null	Mm.27665
37858	63417	AI848764	TC189713	null	Mm.27226
17377	28404	AI848790	TC159001	null	Mm.43358
28439	48813	AI844585	TC173721	beta-galactosidase	Mm.2040
99686	106664	AI848749	TC200442	GAPIII	Mm.18517
90481	109181	AI848772	TC161154	null	Mm.28760
11245	13962	AI848797	TC201957	null	Mm.38578
22733	33358	AI848903	TC177073	null	Mm.39963
166211	175013	AI844712	null	null	null
53213	81552	AI844757	TC161983	null	Mm.40466
21215	29547	AI844637	TC190026	null	Mm.32119
66175	49132	AI844670	TC186709	null	Mm.30114
46809	42750	AI844726	TC162725	null	Mm.954
50164	54661	AI844773	TC167441	null	Mm.39996
30860	47985	AI844644	TC201185	ninjurin	Mm.18503
20211	30237	AI844678	TC176849	null	Mm.26897
60958	49102	AI850761	null	null	Mm.42270
35817	54846	AI850798	TC174954	null	Mm.28709
41242	51135	AI850517	TC200732	null	Mm.28426
11696	16609	AI850557	null	null	Mm.68836
74414	79596	AI850770	TC195037	null	Mm.40889
133304	118071	AI850806	TC175311	alpha diacylglycerol kinase; a	Mm.19981
192321	192921	AI850530	TC158914	null	Mm.41914
54964	71217	AI850575	TC158525	phospholipase C-L2	Mm.28034
16898	19624	AI849013	TC205587	null	Mm.38365
21359	19310	AI844464	TC175287	null	Mm.41804
151379	168611	AI844507	TC160667	null	Mm.28163
272796	536736	AI844529	TC159715	null	Mm.7215
12269	15019	AI849021	TC189839	null	Mm.29537
12529	18731	AI844476	null	null	Mm.40150
9890	10550	AI848711	null	null	null
84397	134193	AI848730	TC187367	null	Mm.29801
10505	18530	AI844265	TC161522	Bodenin	Mm.6818
25838	25496	AI844312	TC203473	intersectin-EH binding protein	Mm.3091
84647	96742	AI849720	null	null	null
8764	15951	AI849765	TC197021	null	null
112326	164891	AI844279	TC186674	MHR23B	Mm.26955
25652	34284	AI844320	null	null	null
109337	106908	AI849733	TC208197	null	null
0	0	AI849777	TC181634	null	Mm.40880
1005058	718832	AI850349	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
20229	16760	AI850386	null	null	Mm.41148
135604	127351	AI850423	TC161335	null	Mm.259
18705	24126	AI850478	null	null	Mm.39218
63950	74897	AI850359	TC159452	Dlgh1 homolog	Mm.382
49520	51145	AI850401	TC161142	null	Mm.22123
59811	110620	AI850432	TC203859	null	Mm.1469
49879	43336	AI850485	TC188130	null	Mm.29138
17001	25038	AI844540	TC200030	BAP-135 homolog	Mm.22593
0	0	AI844548	TC160336	null	Mm.36765
79161	73961	AI848791	TC201179	null	Mm.28237

16340	9524	AI844586	TC159133	null	Mm.29923
26608	32103	AI848750	TC173710	null	Mm.41097
7739	6606	AI844555	TC159099	null	Mm.41352
10257	21787	AI848798	TC201323	small stress protein-like prot	Mm.21549
31700	45024	AI844602	TC196288	null	Mm.25523
35797	43559	AI844713	TC160497	null	Mm.32088
81570	136581	AI844759	TC161312	null	Mm.27404
17415	16181	AI844638	TC164550	null	Mm.39713
14394	19414	AI844672	TC179713	null	null
74415	84372	AI844727	TC186532	male-enhanced antigen	Mm.2395
429862	384742	AI844775	TC200304	thioredoxin	Mm.1275
566777	586333	AI844645	TC200293	SDR1	Mm.15125
124692	125002	AI844679	TC187792	null	Mm.22264
524928	386408	AI850762	TC202143	alpha-mannosidase	Mm.4389
11576	10790	AI850799	TC201528	null	Mm.27768
27948	34607	AI850518	TC174239	null	Mm.22336
588406	606389	AI850560	TC160230	NADP-dependent isocitrate dehy	Mm.9925
309326	300061	AI850771	null	null	null
148597	156035	AI850808	TC173241	14-3-3 protein beta	Mm.34319
26972	32183	AI850533	TC163138	Vg-1 related protein	Mm.3997
32663	27722	AI850578	TC173583	null	Mm.38868
42141	51603	AI849015	TC177963	null	null
15005	20291	AI844466	TC163219	Myc antagonist Mnt	Mm.3759
91112	108596	AI844511	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
898164	968791	AI848724	null	null	null
0	0	AI849022	TC162394	null	Mm.44729
12117	20928	AI844477	TC187784	null	Mm.33954
31788	41559	AI844519	null	null	null
317956	483941	AI844532	TC186981	null	Mm.28150
131941	138612	AI844266	TC203283	null	Mm.26862
20061	19731	AI844315	TC182721	null	Mm.44845
57258	71049	AI849721	TC188729	null	Mm.1654
131369	125594	AI849766	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
110541	176188	AI844280	TC159823	lymphocyte differentiation ant	Mm.1583
91395	108494	AI844321	TC157671	tyrosine kinase	Mm.35650
14594	12352	AI849734	null	null	null
113557	163999	AI849779	TC158343	null	Mm.27700
129849	110439	AI850350	TC169734	null	Mm.41266
146629	169559	AI850388	TC200211	null	Mm.6932
3938	5446	AI850424	TC192288	null	Mm.41346
66821	68538	AI850479	TC160316	gamma-2 adducin	Mm.33858
14700	15272	AI850360	null	null	Mm.39418
0	0	AI850402	TC157281	null	Mm.40642
22198	26194	AI850433	TC187602	Cadherin-related neural recept	Mm.41157
29377	25094	AI850487	TC203111	null	Mm.35416
1652154	1346005	AI844541	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
19189	24895	AI848765	TC174908	null	Mm.34077
7049	11892	AI848792	TC165019	null	null
18768	20719	AI844588	TC177756	null	Mm.41695
7643	6946	AI848751	TC202972	null	Mm.32939
110161	122648	AI844556	null	null	Mm.39186

15277	9288	AI844567	TC187182	LNXP70	Mm.10179
26069	36514	AI848904	TC162627	factor VIII-associated protein	Mm.5154
5075	6692	AI844715	null	null	null
35160	48501	AI844761	TC187557	null	Mm.23702
27386	37578	AI844640	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
6251	14312	AI844674	TC201533	alpha-synuclein	Mm.17484
50117	57869	AI844728	TC174898	null	Mm.41599
49436	66775	AI844779	null	null	null
74403	82641	AI844646	TC208679	null	null
529292	460466	AI844682	TC173057	null	Mm.38465
67829	64351	AI850763	TC162215	null	Mm.45768
429907	435226	AI850801	TC200236	null	Mm.24086
23500	18143	AI850522	TC176147	integral membrane protein	Mm.1304
13898	9741	AI850562	TC173957	unknown protein	Mm.40674
0	0	AI850772	null	null	Mm.44009
23291	19925	AI850809	TC175293	null	Mm.34493
19650	22225	AI850534	TC201943	ets-related protein	Mm.4866
0	0	AI850581	TC201364	sepiapterin reductase	Mm.28393
15362	23809	AI851673	TC163414	null	Mm.27219
80255	122422	AI851705	TC173153	PR65	Mm.1034
49081	47044	AI852383	TC177294	null	Mm.41055
22350	32097	AI852414	TC162115	null	Mm.22351
5775	10532	AI851680	null	null	Mm.40537
5075	6312	AI851712	TC210692	null	Mm.40213
0	0	AI852390	TC201495	unknown	Mm.28337
28114	41967	AI852461	null	null	Mm.39660
0	0	AI852642	null	null	null
5341	5871	AI853966	TC206424	null	null
0	0	AI854001	TC188335	null	Mm.24742
6635	7484	AI852515	TC191484	protein kinase C gamma	Mm.7980
0	0	AI853940	TC166453	null	Mm.23293
8650	15681	AI853978	TC176569	null	Mm.28358
18404	15368	AI852491	TC189166	null	Mm.38422
16204	17128	AI852523	TC161493	PEX5p	Mm.22418
5676	9776	AI852195	TC187779	glycinamide ribonucleotide syt	Mm.4505
18705	27047	AI852225	null	null	Mm.9307
0	0	AI853490	TC181684	null	null
16399	19266	AI853519	TC192367	null	Mm.39935
0	0	AI852201	TC205107	null	Mm.68838
4313	5951	AI852234	TC181290	null	Mm.41549
9232	43188	AI853496	TC189328	SOUL protein	Mm.39443
0	0	AI853527	null	null	Mm.35835
0	0	AI852486	TC187952	null	Mm.5750
0	0	AI851982	TC162623	null	Mm.30457
0	0	AI852010	TC179649	null	Mm.36275
0	0	AI853332	TC161716	null	Mm.40323
0	0	AI851959	null	null	Mm.34544
4168	10985	AI851989	TC206963	null	Mm.41811
30428	38966	AI852019	TC200947	aminopeptidase	Mm.14894
0	0	AI853339	TC196960	null	Mm.42443
11806	18241	AI852550	null	null	null

10516	11124	AI851878	null	null	Mm.39228
12197	11834	AI851908	null	null	null
32839	40936	AI851942	TC159196	null	Mm.46830
14099	12996	AI852559	TC201572	L23 mitochondrial-related prot	Mm.12144
59487	78628	AI851886	TC190969	null	null
57733	69493	AI851914	TC175205	null	Mm.37722
9856	13643	AI851949	TC158551	null	Mm.41651
7453	7154	AI853549	TC200769	Xap89 protein	Mm.35792
34171	44313	AI852269	TC190539	null	Mm.24760
8461	10916	AI852307	TC191983	null	Mm.39732
48862	102749	AI853086	TC173194	null	Mm.29815
0	0	AI853555	TC188716	null	Mm.41936
18883	23488	AI852278	TC200470	E2-20K	Mm.23774
20863	27881	AI852316	TC186999	null	Mm.41443
0	0	AI853093	TC204952	null	null
50182	55618	AI851674	TC161853	null	Mm.27703
16168	29951	AI851706	TC160058	zipper protein kinase	Mm.4358
29543	50044	AI852384	TC191682	null	null
25956	48723	AI852415	TC178221	null	null
0	0	AI851681	TC201839	null	Mm.41904
9429	9273	AI851713	TC157258	null	Mm.24282
5922	11032	AI852391	TC191911	null	Mm.24073
0	0	AI852463	TC177381	receptor protein tyrosine phos	null
0	0	AI852645	TC175565	null	Mm.6960
14133	21198	AI853968	TC200806	endophilin II	Mm.1773
10568	13487	AI854003	TC177543	null	Mm.41833
0	0	AI852516	null	null	Mm.39430
0	0	AI853942	TC176217	null	Mm.33780
0	0	AI853979	TC164341	null	Mm.23746
7392	9073	AI852492	TC163191	Cdc42/Rac effector kinase; PAK	Mm.3392
7729	12996	AI852524	TC201465	null	Mm.22029
0	0	AI852196	TC201606	TNF intracellular domain-inter	Mm.29475
7011	9141	AI852226	TC166428	null	Mm.44144
0	0	AI853491	TC175760	bone morphogenetic protein	Mm.27757
5916	13119	AI853520	TC201428	null	Mm.23823
27493	24200	AI852202	TC203222	serine protease 4	Mm.22693
3082	4498	AI852235	TC188697	suppressor of white apricot ho	Mm.20913
0	0	AI853497	TC200301	thioredoxin	Mm.3533
0	0	AI853528	TC165452	null	Mm.40572
13266	11237	AI852487	TC188077	null	Mm.33567
45724	66022	AI851984	TC186995	null	Mm.29617
24777	36451	AI852011	TC203885	null	Mm.27730
33341	60971	AI853333	TC191645	null	Mm.27605
8005	15258	AI851960	TC186783	null	Mm.28067
13911	20120	AI851990	TC161314	beta-catenin-interacting prote	Mm.41550
11110	20883	AI852022	TC201167	null	Mm.29960
17637	26843	AI853340	TC176907	null	Mm.24632
0	0	AI852551	TC190209	zinc finger protein ZFP235	Mm.40328
48576	70623	AI851879	TC200809	cofactor A	Mm.1863
27089	32090	AI851909	TC204147	null	Mm.34833
9419	10381	AI851943	TC204749	null	Mm.35728

0	0	AI852560	TC188198	null	Mm.34521
28818	49024	AI851887	TC201902	null	Mm.27544
0	0	AI851915	TC191723	null	Mm.40641
8027	10463	AI851950	TC207703	null	null
9045	13708	AI853550	TC175197	null	Mm.37075
0	0	AI852270	null	null	Mm.39234
16977	19877	AI852308	TC174360	null	Mm.41458
18134	35596	AI853087	TC173059	unnamed protein product	Mm.4271
21727	20131	AI853556	TC177556	null	Mm.41343
13915	14203	AI852283	TC177014	null	Mm.34056
42089	98686	AI852317	TC159576	cytoplasmic protein Ndr1	Mm.4063
35078	33139	AI853094	null	null	Mm.40564
23417	35192	AI851675	TC176455	null	null
24610	37528	AI851708	TC158481	null	Mm.28553
0	0	AI852385	TC203339	null	Mm.23630
5977	11587	AI852456	null	null	Mm.40221
25773	34188	AI851682	TC178807	null	Mm.39225
25007	38119	AI851714	TC201770	homeobox protein	Mm.40908
0	0	AI852392	null	null	Mm.39429
111056	232757	AI852465	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
55183	42958	AI852646	TC162130	null	Mm.7165
0	0	AI853970	TC168792	null	null
0	0	AI854004	TC203380	null	Mm.31550
12464	17823	AI852518	TC205268	null	Mm.46200
25366	39132	AI853943	TC163026	zinc-finger factor FOG2	Mm.39260
29994	41180	AI853980	TC173288	S-adenosylmethionine decarboxy	Mm.7880
24560	24828	AI852494	TC188387	null	Mm.25720
27280	23992	AI852526	TC174869	null	Mm.40025
9416	14286	AI852197	TC176096	null	Mm.41643
6189	6589	AI852227	TC204707	null	Mm.29207
31722	39164	AI853492	null	null	Mm.42255
0	0	AI853521	TC191974	null	Mm.30801
3489	12210	AI852203	TC173780	null	Mm.36669
57944	71140	AI852236	TC158204	MHC class I heavy chain precur	Mm.33263
34860	48859	AI853499	TC200064	high mobility group protein ho	Mm.340
0	0	AI853529	null	null	null
0	0	AI852489	TC202733	null	Mm.41076
0	0	AI851985	TC160336	null	Mm.29586
0	0	AI852013	TC162213	null	Mm.37324
0	0	AI853334	null	null	Mm.41414
0	0	AI851961	null	null	Mm.40916
0	0	AI851991	TC177930	null	Mm.39424
22614	28268	AI852023	TC174379	null	null
0	0	AI853342	null	null	Mm.41023
40364	126562	AI852553	TC186425	null	Mm.3532
29033	34813	AI851881	TC188460	null	Mm.35493
6797	6543	AI851910	TC207577	null	Mm.41199
25957	34695	AI851945	TC200999	null	Mm.29269
13288	15247	AI852561	TC203325	null	Mm.40224
8858	16303	AI851888	TC157293	null	Mm.31087
24122	32316	AI851916	TC177828	VAMP5	Mm.42184

0	0	AI851951	TC177637	null	Mm.24376
31631	47454	AI853551	TC201369	null	Mm.22152
7208	8070	AI852272	TC189341	Rel domain-containing transcri	Mm.34530
11488	16414	AI852309	TC202430	null	Mm.10059
19978	60036	AI853088	TC186751	TGF-beta-inducible protein	Mm.22763
17151	53945	AI853558	TC187374	type I transmembrane protein F	Mm.28518
241088	289960	AI852284	TC160363	oligosaccharyltransferase	Mm.7236
33419	64867	AI852319	TC174896	platelet-derived growth factor	Mm.2924
11704	12654	AI853096	TC186753	null	Mm.26435
11827	10451	AI851677	null	null	Mm.39653
47558	72465	AI851709	TC200205	null	Mm.19130
3842	7444	AI852386	TC202515	melanocyte-specific gene 1 nuc	Mm.2390
60794	112954	AI852457	TC160619	protein-tyrosine-phosphatase	Mm.26166
13604	20867	AI851683	TC176961	plasma-cell membrane protein	Mm.27254
18766	21481	AI851715	null	null	Mm.39226
6465	15275	AI852394	TC187665	null	Mm.37753
8581	13209	AI852466	TC188532	null	null
0	0	AI852647	TC201981	null	Mm.41858
5836	6926	AI853973	TC205793	null	Mm.39680
101143	166621	AI854005	TC161441	null	Mm.38930
50215	49197	AI852519	TC173946	null	Mm.44172
30354	28861	AI853944	TC174830	ECSIT	Mm.29790
55215	77737	AI853981	TC201773	null	Mm.28240
20522	23435	AI852495	TC175889	ecto-apyrase CD39	Mm.2824
156843	276535	AI852527	TC187080	nuclear pore-targeting complex	Mm.16710
22576	37347	AI852198	TC162681	null	Mm.22853
19486	23540	AI852228	TC193382	null	null
13806	14782	AI853493	TC167733	null	Mm.39939
0	0	AI853522	TC203053	null	Mm.33033
0	0	AI852204	null	null	null
10071	14811	AI852237	TC160316	gamma-2 adducin	Mm.29319
31254	29360	AI853500	TC190397	null	Mm.41875
24954	18790	AI853530	TC161866	null	null
0	0	AI851954	TC189438	null	Mm.25288
40529	42146	AI851986	TC160050	null	Mm.41876
27606	40430	AI852014	TC161107	null	Mm.21065
13591	17314	AI853335	TC174809	null	Mm.1491
21951	26915	AI851962	TC202147	energy-dependent regulator of	Mm.27197
4727	2253	AI851992	TC177283	null	Mm.17562
12670	15952	AI852024	null	null	null
16519	17027	AI853344	TC174481	null	Mm.5624
0	0	AI852554	TC188029	choline kinase	Mm.5262
10084	11209	AI851882	TC165241	null	Mm.40235
5634	7017	AI851911	null	null	Mm.42442
20264	26999	AI851946	TC179862	null	null
17460	14398	AI852563	TC175244	null	Mm.38336
42424	50349	AI851889	null	null	Mm.40215
129568	74149	AI851917	TC190332	null	Mm.7100
11570	12018	AI852744	null	null	Mm.40559
16758	28087	AI853552	TC173202	CCTtheta, theta subunit of the	Mm.17989
52804	69534	AI852273	TC189374	null	Mm.24069

24257	38041	AI852313	TC159957	connexin 43	Mm.4504
9038	10346	AI853090	TC162157	null	Mm.27434
15471	22109	AI853559	TC204429	null	Mm.39657
36767	48786	AI852285	TC190614	null	Mm.34563
10950	11480	AI852321	TC161731	huntingtin interacting protein	Mm.33797
165542	130364	AI853097	TC161607	connexin	Mm.21198
0	0	AI851678	TC187431	null	Mm.33853
17976	31408	AI851710	null	null	null
12294	11863	AI852387	TC202392	null	Mm.29635
53854	53169	AI852459	TC159984	null	Mm.21606
8863	14476	AI851684	TC188472	null	Mm.29563
0	0	AI851716	TC190766	null	Mm.30971
0	0	AI852395	TC201742	null	Mm.27561
38914	43774	AI852468	TC158206	p160 myb-binding protein	Mm.36393
42439	57162	AI852648	null	null	Mm.39239
7112	6960	AI853974	null	null	Mm.39942
41051	66384	AI854008	TC160261	null	Mm.24158
96093	118019	AI852520	TC186750	protein tyrosine phosphatase	Mm.28909
27493	34192	AI853946	TC187570	null	Mm.28824
28980	35768	AI853982	TC163990	null	Mm.40240
0	0	AI852496	TC194073	null	Mm.45212
109637	145180	AI852531	TC188630	null	null
66410	41361	AI852199	TC160564	null	Mm.22722
23842	32256	AI852231	TC162552	null	Mm.41635
23342	32784	AI853494	TC189481	null	Mm.45439
134881	128759	AI853523	TC173547	null	Mm.43162
25354	38932	AI852206	TC190177	null	Mm.18542
0	0	AI852238	TC181480	null	Mm.39908
11752	10139	AI853502	TC183465	null	Mm.39405
82506	181898	AI853531	TC157750	null	Mm.21679
0	0	AI851956	TC197057	null	Mm.63743
8753	11514	AI851987	TC162150	null	Mm.29406
11290	10857	AI852016	TC189934	null	Mm.5156
15058	14741	AI853336	TC183414	null	Mm.39673
14632	20191	AI851964	TC161913	null	Mm.27215
14704	14382	AI851994	TC200456	null	Mm.18946
95833	83346	AI852026	TC173054	Cdc42	Mm.1022
6782	17907	AI853345	TC174152	null	Mm.1457
24538	30391	AI852556	TC194920	null	Mm.40930
20699	20828	AI851884	null	null	Mm.40913
69827	118986	AI851912	null	null	Mm.29911
94919	94564	AI851947	TC161967	phosphatidylinositol glycan cl	Mm.826
21767	24706	AI852564	TC163973	null	Mm.39237
112413	85374	AI851891	TC188761	null	Mm.24647
202891	181099	AI851918	TC201333	null	Mm.28197
18371	12572	AI852745	TC163016	null	Mm.19831
25202	30258	AI853553	null	null	Mm.1139
13698	21021	AI852276	TC161222	GOS2-like protein	Mm.3283
86913	114278	AI852314	TC187743	null	Mm.27223
144577	174316	AI853091	TC200579	alpha 4 protein	Mm.7454
53607	296662	AI853560	TC173505	lipocortin I (AA 1-346)	Mm.14860

8550	16932	AI852286	TC204345	null	Mm.22954
27573	36604	AI852322	TC174696	null	Mm.17949
34568	63153	AI853099	TC178546	null	Mm.44135
38089	36431	AI851679	null	null	Mm.40212
30333	41332	AI851711	null	null	Mm.42271
14109	18190	AI852389	TC158543	null	Mm.34027
53218	53798	AI852460	TC173774	null	Mm.30079
136291	123779	AI851685	TC173762	leucine zipper-EF-hand contain	Mm.26947
13338	13949	AI851720	TC196446	null	Mm.41205
7803	6732	AI852396	TC200150	null	Mm.39432
330227	333754	AI852469	null	null	null
114920	112019	AI852649	TC201054	dynactin subunit p25	Mm.27270
47967	54449	AI853976	TC201482	Kruppel-like factor LKLF	Mm.26938
10783	10742	AI852490	TC189704	null	Mm.41060
18885	20492	AI852521	TC164458	null	Mm.40929
8193	7293	AI853947	null	null	Mm.40239
14707	21243	AI853983	TC173225	null	Mm.27615
24047	29784	AI852497	TC173087	null	Mm.35812
18855	24451	AI852532	TC188132	protein kinase	Mm.8385
49587	59556	AI852200	TC189648	null	Mm.41068
10664	7164	AI852232	null	null	null
0	0	AI853495	null	null	null
5289	5848	AI853526	TC176583	null	Mm.41854
0	0	AI852207	TC174960	high mobility group box protei	Mm.4541
51627	65557	AI852239	TC161531	splicing factor U2AF	Mm.3358
10011	9250	AI853503	null	null	null
31417	36738	AI853533	null	null	null
8955	5785	AI851958	TC176000	LIN-7 homolog 2	Mm.20472
29919	30365	AI851988	TC190980	null	Mm.25159
31598	34565	AI852017	TC203695	null	Mm.41494
5668	7558	AI853338	null	null	Mm.40233
18930	18112	AI851965	TC174095	null	Mm.33869
32622	34826	AI851995	TC161013	null	Mm.9348
15075	17642	AI852027	TC202467	spalt-like protein	Mm.39487
58283	44356	AI853346	TC162788	This ORF is capable of encodin	Mm.1676
163136	123948	AI852558	TC203794	null	Mm.41446
21069	26054	AI851885	null	null	null
0	0	AI851913	TC205212	null	Mm.41613
0	0	AI851948	TC202335	null	Mm.22806
21234	26025	AI852566	TC186985	null	Mm.11879
16546	19162	AI851893	TC189530	null	Mm.22780
0	0	AI851919	TC203008	cytokine receptor delta1	Mm.35771
43313	36477	AI852746	TC189747	null	Mm.36000
57286	63499	AI853554	TC160202	null	Mm.21450
8767	7042	AI852277	null	null	Mm.39235
0	0	AI852315	null	null	Mm.29330
8869	7077	AI853092	TC160721	null	null
5422	5340	AI853562	TC173523	null	Mm.45951
14291	12720	AI852287	TC176529	null	Mm.7463
27361	19789	AI852323	TC176106	SH3 domain-containing adapter	null
94798	145342	AI853101	TC159479	SCF complex protein Skp1	Mm.42944

14332	12809	AI852731	TC178941	null	Mm.4323
23860	36310	AI854509	TC160151	mMIS5	Mm.4933
45372	45107	AI854545	TC160554	null	Mm.41052
54418	56696	AI852822	TC159784	surfeit 4 protein	Mm.2795
4040	5677	AI852739	TC204467	null	null
0	0	AI854518	TC194208	null	Mm.40608
15027	19047	AI854552	TC203470	This ORF is capable of encodin	Mm.951
6220	9804	AI852829	TC203553	null	Mm.24862
8293	12364	AI853571	null	null	Mm.40951
99417	88575	AI853600	TC191269	null	Mm.23125
35610	63597	AI853630	TC186779	null	Mm.22876
88608	152757	AI853695	TC187424	CD47	Mm.20183
23369	37587	AI853577	TC200861	PATZ	Mm.30714
22254	24837	AI853606	TC200066	null	null
24933	67648	AI853637	TC160049	TIF1 beta protein	Mm.15701
22268	26228	AI853701	TC191014	null	null
15536	23610	AI851008	TC160860	null	Mm.35492
52676	97350	AI851036	TC160232	platelet-activating factor ace	Mm.3877
75815	136266	AI851067	TC186927	null	Mm.29076
46417	81307	AI854100	TC188629	leucine-rich-domain inter-acti	Mm.29477
15808	21739	AI851015	TC201463	null	Mm.27150
72009	101877	AI851044	TC201354	11-zinc-finger transcription f	Mm.493
45510	77537	AI854081	TC161478	null	Mm.24033
5443	6031	AI854106	TC187247	SH2 domain-containing Eph rece	Mm.9593
0	0	AI852859	TC176316	null	Mm.39973
38216	26247	AI852898	TC190508	null	null
35677	48319	AI853265	TC188674	null	Mm.22276
0	0	AI853304	TC164808	GABA-A receptor alpha-1 subuni	Mm.4914
0	0	AI852866	TC178766	null	Mm.67153
37401	44364	AI853240	TC173707	null	Mm.21686
9340	18500	AI853274	TC173203	sphingomyelin phosphodiesteras	Mm.4628
0	0	AI853317	null	null	null
26166	39536	AI853720	TC200407	U5-116kD	Mm.873
83030	73036	AI853671	TC177579	null	Mm.40954
36795	54399	AI853820	TC200092	null	Mm.29676
299312	670848	AI853852	TC159642	ribosomal protein	Mm.42790
0	0	AI853727	TC177989	null	Mm.39462
24783	31999	AI853677	TC163841	null	Mm.35008
22045	29774	AI853826	TC162303	null	Mm.28969
0	0	AI853861	TC177379	LIM homeobox protein cofactor	Mm.8266
0	0	AI854124	TC191170	null	Mm.40679
19973	21693	AI854151	TC164340	null	Mm.35367
21386	25585	AI851139	TC174895	null	Mm.2924
6284	8325	AI851213	TC192124	null	Mm.60586
8233	10830	AI854131	TC188713	multiple endocrine neoplasia t	Mm.10721
23234	34423	AI854158	TC165595	null	null
56594	53447	AI851187	TC187841	ORF	Mm.3266
133437	120767	AI851220	null	null	Mm.5293
7468	10982	AI852732	TC203935	null	Mm.41034
9916	6748	AI854510	TC162202	100 kDa thyroid hormone recept	Mm.7268
6777	12828	AI854546	TC203413	null	Mm.38020

0	0	AI852823	TC160259	ATRX protein	Mm.39241
16380	14545	AI852741	TC161526	null	Mm.30091
6129	6518	AI854519	null	null	null
8754	8429	AI854553	TC202889	null	Mm.29638
13973	10014	AI852832	TC177652	CD7	Mm.4100
2196	5777	AI853572	TC191916	null	Mm.32284
0	0	AI853601	TC178778	null	Mm.41244
8756	10129	AI853631	null	null	Mm.39936
25062	31243	AI853696	TC190818	null	Mm.38037
0	0	AI853578	TC187739	null	Mm.28796
0	0	AI853607	TC177884	null	null
5708	16064	AI853638	TC202269	null	Mm.29972
0	0	AI853703	TC190055	null	Mm.27449
9839	9421	AI851009	TC201114	null	Mm.2235
325737	577340	AI851038	TC186556	null	Mm.29057
8620	6156	AI851069	TC163655	null	Mm.39712
26509	35964	AI854101	TC178779	null	Mm.40241
0	0	AI851016	TC157589	claudin-10	Mm.6957
6158	5629	AI851045	null	null	Mm.39222
47416	60202	AI854082	TC200347	null	Mm.21652
0	0	AI854107	TC166028	null	Mm.33784
19686	28206	AI852860	TC201626	glucosidase I	Mm.28188
6542	12404	AI852901	TC175517	myelin-associated/oligodendroc	Mm.3915
8505	9954	AI853266	TC162896	null	Mm.40723
110117	157224	AI853305	TC163475	null	Mm.24435
16590	27428	AI852868	TC188239	Williams-Beuren syndrome delet	Mm.40331
66094	76662	AI853241	TC162388	null	Mm.28512
0	0	AI853276	null	null	null
31104	35180	AI853319	TC177390	null	Mm.22297
9678	12710	AI853721	TC199953	null	Mm.25154
6446	23503	AI853672	TC188712	null	Mm.41247
16801	20167	AI853821	TC203918	null	Mm.23646
24501	39103	AI853853	TC177186	null	Mm.41214
0	0	AI853728	TC187511	unnamed protein product	Mm.17035
92352	119473	AI853678	TC187199	null	Mm.28327
28270	41118	AI853827	TC176472	null	Mm.21836
42424	34884	AI853862	TC189605	null	Mm.40625
299709	337040	AI854126	TC187331	precursor polypeptide (AA -25	Mm.2570
244242	416272	AI854152	TC163862	APC	Mm.7883
9575	12944	AI851140	null	null	Mm.39644
83169	209959	AI851214	TC160312	null	Mm.28291
0	0	AI854132	null	null	Mm.39264
28588	40076	AI854159	TC157612	thioredoxin reductase 1	Mm.21417
28355	37013	AI851188	null	null	null
6775	6959	AI851221	TC164308	null	Mm.41325
13324	18455	AI852735	TC189230	null	Mm.29604
0	0	AI854511	TC200662	vitronectin; complement S-prot	Mm.3667
52518	70584	AI854547	TC175131	null	Mm.29667
14447	16382	AI852824	TC160512	null	Mm.30256
20238	29123	AI852742	TC187425	null	Mm.32188
124786	181099	AI854520	TC186544	null	Mm.21905

1051	7405	AI854555	TC208713	null	Mm.39949
25951	30666	AI852833	TC186865	null	Mm.35850
50188	68303	AI853573	TC168195	null	Mm.6150
39783	49155	AI853602	TC187278	magnesium dependent protein ph	Mm.3766
8950	13565	AI853632	TC206898	null	Mm.40607
23896	73058	AI853697	TC186751	TGF-beta-inducible protein	Mm.22763
0	0	AI853579	null	null	Mm.39252
15118	18404	AI853608	TC175823	null	Mm.39032
52616	76812	AI853639	TC174039	null	Mm.24056
8004	3745	AI853704	TC170748	null	null
43731	70835	AI851010	TC200599	'PEBP2b3 protein'	Mm.2018
162026	289513	AI851039	TC191488	null	Mm.40701
12125	10846	AI851070	TC188928	tuftelin-interacting protein 3	Mm.20933
64821	90059	AI854102	TC188020	farnesyltransferase alpha subu	Mm.3496
19367	31547	AI851017	TC161593	null	Mm.24259
14715	20633	AI851047	TC210721	null	null
11811	15549	AI854083	null	null	null
20771	36116	AI854108	TC175687	null	Mm.26944
26623	26773	AI852862	TC160855	fumarase	Mm.41502
7961	8935	AI852903	TC161885	null	Mm.9738
20499	27160	AI853268	TC206787	null	null
53937	73884	AI853306	TC188244	null	Mm.10955
7003	5866	AI852870	TC201602	Ese1 protein	Mm.60679
28861	38584	AI853244	TC188164	null	Mm.28752
30201	46962	AI853278	TC191206	null	null
11829	19373	AI853320	TC176567	null	Mm.18478
0	0	AI853723	null	null	null
93150	120083	AI853673	TC201938	This gene includes jumping tra	Mm.13912
90140	166870	AI853822	TC186419	null	Mm.14245
8197	20282	AI853854	TC203287	multidrug resistance protein	Mm.41002
15003	18065	AI853729	null	null	null
235269	220796	AI853679	TC187042	ATPase inhibitor	Mm.2171
20018	20984	AI853828	TC188780	null	Mm.34614
14360	13525	AI853863	TC160532	null	Mm.28349
0	0	AI854127	TC160994	protease-nexin 1	Mm.3093
33399	42016	AI854153	TC160981	null	Mm.41642
25504	36698	AI851182	TC188122	null	Mm.29292
41035	68752	AI851215	TC202434	null	null
17827	22153	AI854133	TC163557	null	Mm.29943
12514	11912	AI851114	TC187705	null	Mm.28893
51455	69781	AI851189	TC204104	ORF for Mel-18	Mm.2418
36858	47102	AI851222	TC201019	NF-kappa-B DNA-binding subunit	Mm.3420
4516	8281	AI852736	TC157294	null	Mm.41452
0	0	AI854514	null	null	null
0	0	AI854548	TC196944	null	null
7822	3425	AI852825	TC192070	null	Mm.24427
0	0	AI852743	TC162035	beta subunit of Ca ²⁺ /calmodu	Mm.4857
0	0	AI854521	null	null	null
5403	5201	AI854558	TC163381	null	Mm.44149
6229	10115	AI852834	TC175422	null	Mm.40605
3564	3979	AI853574	TC206968	null	Mm.41341

6062	12035	AI853603	null	null	null
16673	14470	AI853633	TC163640	null	Mm.29476
78005	96798	AI853698	null	null	Mm.23854
14426	13264	AI853580	TC176927	ZnT-3	Mm.1396
25854	37674	AI853609	TC176280	null	Mm.38526
45246	52892	AI853640	TC188693	null	Mm.25556
22801	28137	AI853705	null	null	Mm.39254
0	0	AI851011	TC173883	ataxin-2	Mm.1989
29893	41316	AI851040	null	null	null
5515	7511	AI851072	TC164588	null	Mm.41132
87171	114437	AI854103	TC173642	null	Mm.24397
55420	69430	AI851019	TC200843	null	Mm.21401
17124	21344	AI851049	TC173969	transmembrane protein	Mm.790
23497	36782	AI854084	TC186638	null	Mm.2875
6158	13873	AI854109	TC166784	null	Mm.44677
0	0	AI852863	null	null	Mm.40562
0	0	AI852905	TC210688	null	Mm.40563
10406	12180	AI853270	null	null	Mm.40945
23682	24711	AI853309	TC202936	null	Mm.871
15068	12786	AI852874	TC205909	null	Mm.39665
12867	11233	AI853245	TC188467	null	Mm.27665
96896	73340	AI853279	TC201600	null	Mm.28589
51369	76990	AI853322	TC161277	protein tyrosine phosphatase P	Mm.4220
0	0	AI853724	TC190234	vascular endothelial junction-	Mm.41758
11825	16948	AI853674	null	null	null
24971	37120	AI853823	TC186952	casein kinase II, alpha prime	Mm.28881
194293	188357	AI853855	TC186844	null	Mm.19834
34666	30422	AI853730	TC163872	rSHANK protein	Mm.40237
15682	17093	AI853680	TC163154	null	Mm.40627
24256	49092	AI853829	TC163029	null	Mm.11177
32315	47740	AI853864	TC200975	null	Mm.27477
0	0	AI854128	TC202574	null	Mm.41032
115846	148366	AI854154	TC186815	null	Mm.24460
40779	62378	AI851183	TC173841	poly(A) binding protein II	Mm.7723
131896	155225	AI851217	TC162465	null	Mm.34379
24093	38309	AI854134	TC202354	null	Mm.29180
17941	18693	AI851115	TC205113	null	Mm.41843
59211	74511	AI851190	TC205290	null	Mm.41062
23100	27029	AI851223	TC176671	null	Mm.29450
13965	38170	AI852737	TC175516	null	Mm.21619
60574	180351	AI854515	TC186837	antigen	Mm.2956
32912	46474	AI854549	TC187845	null	Mm.31563
125064	162899	AI852827	TC157738	thioredoxin reductase TR3	Mm.35853
11546	17630	AI854487	TC190012	null	null
24876	29773	AI854523	TC173097	null	Mm.3035
74958	95859	AI854559	TC160006	adenylyl cyclase-associated pr	Mm.8687
32736	33641	AI852835	TC202922	Pax-6 (paired box containing g	Mm.3608
75151	102281	AI853575	TC174795	null	Mm.34453
42446	61695	AI853604	null	null	Mm.6390
351668	380933	AI853635	null	null	null
31633	36818	AI853699	TC190944	null	Mm.39445

6465	8453	AI853581	TC189393	null	Mm.39478
89985	109199	AI853614	TC161472	membrane-associated adenylate	Mm.29189
60949	78013	AI853641	TC176235	null	Mm.30997
16125	26035	AI853706	TC175057	null	Mm.34514
134866	150835	AI851012	TC189995	glucocorticoid-regulated endoc	Mm.4032
50189	83561	AI851041	TC200474	mSmad1	Mm.15185
94329	110073	AI851073	TC177038	null	Mm.37767
19696	25697	AI854104	TC170118	null	null
117878	208608	AI851020	TC163971	null	null
53601	78718	AI851051	TC164512	null	Mm.41675
54052	65873	AI854085	TC164718	null	Mm.39682
22629	39392	AI854110	TC162579	FLT-1	Mm.3464
81164	157077	AI852864	TC159835	null	Mm.39130
4707	6079	AI853238	null	null	Mm.39672
0	0	AI853271	null	null	Mm.39249
29868	22458	AI853311	TC181412	null	Mm.41327
4922	4865	AI852875	null	null	null
54214	63084	AI853246	TC161526	null	Mm.37369
12038	14564	AI853281	TC188569	null	Mm.41901
22920	22025	AI853323	TC202923	null	Mm.11827
71848	90904	AI853725	TC190261	null	Mm.41692
29501	29513	AI853675	TC188293	null	Mm.28525
164901	181913	AI853824	null	null	null
13714	14521	AI853858	TC163369	Zic3 protein	Mm.4265
33249	38291	AI853657	TC191396	null	Mm.9654
79015	90839	AI853681	null	null	Mm.39677
39324	43973	AI853831	TC193265	ADP-ribosylation factor-like m	Mm.39966
28033	41668	AI853865	TC161470	null	Mm.41406
21687	18881	AI854129	null	null	Mm.40242
28668	41642	AI854155	TC177830	null	Mm.44148
25230	31127	AI851184	TC162020	null	Mm.28966
39454	41669	AI851218	TC203418	null	Mm.24160
10081	10779	AI854135	TC176912	P24 protein	Mm.4766
176100	189011	AI851116	TC162170	phospholipase C beta-3	Mm.6888
132881	122580	AI851191	TC176452	null	Mm.11428
57801	66729	AI851224	null	null	Mm.40209
10487	12840	AI852738	null	null	Mm.40934
8144	9825	AI854517	TC204136	null	Mm.41661
30777	34547	AI854550	TC201630	null	Mm.28242
7295	11077	AI852828	null	null	null
15923	13587	AI854491	TC207016	null	Mm.5293
13536	17841	AI854524	TC188281	cAMP inducible 1 protein	Mm.27387
20023	21368	AI854563	TC167514	null	null
399762	350839	AI852836	TC161333	null	null
0	0	AI853576	TC207265	null	null
71226	110518	AI853605	TC161708	serine palmitoyltransferase LC	Mm.565
16855	21317	AI853636	TC174688	null	Mm.40650
476904	346132	AI853700	TC160827	null	null
26415	29637	AI853582	TC201565	null	Mm.34059
73711	59693	AI853615	TC157730	null	Mm.1103
10766	20876	AI853642	TC201102	null	Mm.30036

92256	102378	AI853707	TC164133	null	null
134558	128279	AI851013	TC163442	null	Mm.5231
22213	34346	AI851042	TC188766	ATFx	Mm.1566
98910	95510	AI854079	TC173672	null	Mm.40273
18464	18394	AI854105	TC162141	null	null
153456	121441	AI851021	TC188074	retinal short-chain dehydrogen	Mm.14063
65371	95522	AI851052	TC187899	null	Mm.26392
72758	77063	AI854086	TC175626	null	Mm.30931
132368	166796	AI854111	TC201311	geranylgeranyl transferase bet	Mm.29211
10274	12291	AI852865	TC174238	null	Mm.18941
14353	14666	AI853239	TC181298	null	Mm.39927
9256	7420	AI853273	null	null	null
22846	16539	AI853315	TC188634	null	Mm.30237
58718	62682	AI852876	TC177184	null	Mm.17815
15185	13247	AI853248	null	null	Mm.40565
47437	69446	AI853284	TC160934	myelin gene expression factor	Mm.40946
32882	34924	AI854009	null	null	Mm.41172
0	0	AI853726	TC207851	null	Mm.39255
14288	18184	AI853676	TC160239	WW domain binding protein 11	Mm.3855
46180	54479	AI853825	TC158391	SDF2	Mm.935
21734	23061	AI853859	TC189327	null	Mm.23236
0	0	AI853658	TC170333	null	Mm.39256
0	0	AI853682	TC189416	null	Mm.16813
39523	42249	AI853833	TC164532	null	Mm.38561
27758	35079	AI853866	null	null	Mm.39258
29942	28973	AI854130	TC201877	null	Mm.21485
39233	45187	AI854157	TC176300	null	Mm.35483
61763	87344	AI851185	TC173219	null	Mm.29841
8146	14477	AI851219	TC176118	null	Mm.29125
33580	26053	AI854136	TC190962	null	Mm.23453
37514	54970	AI851117	TC187526	null	Mm.24327
39123	56838	AI851193	TC160742	GDP-dissociation inhibitor	Mm.28187
43278	44294	AI851226	TC163051	null	Mm.36575
35367	31408	AI854817	TC175739	null	Mm.17156
20370	27725	AI854847	TC160994	protease-nexin 1	Mm.3093
26833	33352	AI854881	TC175319	null	Mm.27438
44452	59407	AI854664	TC203912	null	Mm.41017
66893	63251	AI854826	TC173894	null	Mm.27406
8286	7525	AI854857	TC166593	null	Mm.40247
84425	101875	AI854888	TC159984	null	Mm.21606
54425	56554	AI854670	TC160367	null	Mm.28866
76965	122697	AI851176	TC186533	tip associating protein	Mm.7271
47046	82202	AI851337	TC174182	platelet activating factor ace	Mm.597
168449	271156	AI851373	TC160078	cyclin A	Mm.4189
60997	93894	AI851525	TC202427	5'(3')-deoxyribonucleotidase	Mm.41722
291287	219424	AI851107	TC202065	peripheral myelin protein	Mm.1237
5007	8072	AI851347	TC204327	putative secreted metalloprote	Mm.39718
12103	18151	AI851381	TC174483	null	null
11568	17110	AI851526	TC203168	null	Mm.33997
0	0	AA407331	null	null	Mm.43174
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72441	113029	AA407729	TC157727	kinesin heavy chain	Mm.3380
71771	64451	AA408068	TC160868	null	Mm.34609
18981	13184	AA407369	TC160589	null	Mm.42805
35562	33870	AA407590	TC201149	null	Mm.32776
0	0	AA407948	TC191541	null	Mm.3590
12025	22360	AA409483	TC188879	null	Mm.28199
0	0	AI854691	TC191997	null	Mm.41401
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17770	22911	AI850944	TC200941	lipotransin	Mm.28127
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15241	18882	AI854723	TC181604	null	Mm.40692
66638	94175	AI850922	TC189279	null	Mm.34870
9654	9930	AI850952	TC203977	null	Mm.52642
29833	30449	AI851547	null	null	null
40259	50245	AI851574	TC173375	null	Mm.22575
54773	63330	AI851402	null	null	Mm.24202
27862	29788	AI851442	TC202420	null	Mm.25245
455542	685140	AI851553	TC200213	ras-GTPase-activating protein	Mm.7514
310016	293626	AI851581	TC175314	null	Mm.28602
92339	118469	AI851412	TC191104	null	Mm.25655
20593	21278	AI851453	TC197050	null	Mm.39646
111105	105657	AA409582	TC200540	null	Mm.29683
77223	68488	AA409778	TC175537	neurocrescin	Mm.23822
29570	32919	AA409955	TC161073	selenoprotein R	Mm.104599
65420	56240	AA409884	null	null	Mm.100139
0	0	AA409624	TC159186	null	Mm.36907
189957	170378	AA409699	TC200528	beta-tropomyosin (AA 1-284)	Mm.646
18328	33422	AA410010	TC174799	null	Mm.41933
56561	69077	AA410133	TC173632	null	Mm.21146
6184	7369	AI854820	TC202802	cell cycle checkpoint protein	Mm.20947
200984	232452	AI854850	TC188446	RP42	Mm.30127
0	0	AI854882	TC161974	null	Mm.6667
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0	0	AI854827	TC165133	null	Mm.39691
20159	20233	AI854858	TC188689	null	Mm.32545
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36834	85417	AI854671	TC200290	SET	Mm.36677
16669	23465	AI851177	TC181473	null	null
47996	61207	AI851339	TC162807	cAMP-specific cyclic nucleotid	Mm.9757
8602	5816	AI851374	TC190692	null	Mm.37819
147290	148451	AI851516	TC208723	null	Mm.39902
19815	21822	AI851108	TC201880	null	Mm.34057
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8215	10967	AA407487	TC161946	null	Mm.89223
0	0	AA407894	TC164237	null	Mm.27517
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0	0	AA407375	TC201207	myosin I	Mm.3390

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0	0	AA408072	null	null	null
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0	0	AI854692	TC187711	null	Mm.29600
23778	31076	AI854718	TC180979	null	Mm.40588
0	0	AI850913	null	null	null
29011	33408	AI850945	TC161209	null	Mm.54512
3740	4304	AI854699	null	null	Mm.39268
50115	97271	AI854724	null	null	null
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16242	23986	AI851403	TC199929	mismatch-specific thymine-DNA	Mm.22103
293587	275541	AI851443	TC201160	UGTrel1	Mm.4593
189429	216297	AI851555	TC160150	null	Mm.28464
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90842	141717	AI851454	null	null	Mm.5293
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56137	54139	AA409886	TC158545	null	Mm.88753
27881	41178	AA409627	TC157749	null	Mm.30108
14563	10498	AA409744	TC191871	null	Mm.28894
71408	108764	AA410017	TC158005	null	Mm.35878
167677	263612	AA410137	null	null	null
84994	109411	AI854821	TC188466	acyl-CoA thioesterase	Mm.23368
24556	35743	AI854851	TC189099	null	Mm.3587
82790	130883	AI854883	TC177392	null	Mm.36537
39752	47040	AI854666	TC202765	null	Mm.24735
72531	80574	AI854828	TC188991	null	Mm.41539
11075	13218	AI854860	TC162886	null	Mm.44241
27251	35141	AI854890	TC174314	lysyl hydroxylase 1	Mm.37371
9430	7523	AI854672	TC162306	null	Mm.68936
451356	364811	AI851178	TC200985	null	Mm.26949
20325	15904	AI851340	TC193315	null	Mm.32292
47081	57196	AI851375	TC174951	null	Mm.27641
22293	31257	AI851517	TC186912	unnamed protein product	Mm.41277
91037	110515	AI851109	TC200888	null	Mm.44214
33852	40903	AI851349	TC204733	null	Mm.39707
6993	15271	AI851384	TC189363	null	Mm.33497
69543	94788	AI851530	TC176065	null	Mm.24370
16326	13770	AA407362	TC186573	null	Mm.25586
0	0	AA407572	null	null	null
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0	0	AA407607	TC199625	null	Mm.24461
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6026	10945	AI854719	TC162602	prostaglandin E synthase	Mm.41066
2829	5164	AI850914	null	null	Mm.39638
0	0	AI850946	TC191408	null	Mm.17697
22810	30946	AI854700	TC205620	null	Mm.11934
8668	14175	AI854725	TC162199	PL6 protein	Mm.27312
49729	74147	AI850924	TC200922	melanoma adhesion molecule	Mm.39103
0	0	AI850956	TC183531	null	null
81958	86182	AI851549	TC157260	tight junction-associated pro	Mm.27984
34376	44276	AI851576	TC161521	null	null
140363	172789	AI851404	TC157241	unnamed protein product	Mm.7649
107932	145276	AI851446	TC204443	zinc finger transcription fact	null
25295	31873	AI851556	TC160058	zipper protein kinase	Mm.111
33863	47389	AI851583	TC173938	null	Mm.34261
58109	67538	AI851416	TC162867	null	Mm.27639
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95123	81646	AA409588	TC160833	null	Mm.30053
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18082	20997	AA409982	TC178385	null	Mm.3635
16308	19195	AA409994	TC200979	null	Mm.29902
16292	20567	AA409629	null	null	Mm.103670
64560	47667	AA409749	null	null	Mm.3628
152570	269336	AA410123	null	null	Mm.70545
25841	42867	AA407673	TC188145	null	Mm.29208
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7811	11523	AI854830	TC202262	null	Mm.40348
27033	36212	AI854862	TC175967	null	Mm.44092
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14227	16176	AI851341	TC176798	null	null
23555	31371	AI851378	TC203966	null	Mm.23218
63013	71672	AI851518	TC160154	MAP kinase-activated protein k	Mm.29725
37636	42384	AI851112	TC176238	null	Mm.41057
74429	110368	AI851350	TC202310	null	Mm.19944
30974	40643	AI851385	TC177795	null	Mm.31033
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185245	220109	AI854727	null	null	null
28233	42734	AI850925	null	null	Mm.40895
8281	14943	AI850957	TC201835	null	Mm.28967
54714	72096	AI851550	null	null	Mm.32100
29901	38962	AI851577	TC165561	null	Mm.39229
49153	82105	AI851407	TC160419	phospholipase A-2-activating p	Mm.22724
160896	124070	AI851449	TC175046	carnitine acetyltransferase	Mm.20396
16925	20983	AI851557	TC204616	null	Mm.41869
39552	52668	AI851584	TC201939	null	Mm.29145
28427	36872	AI851418	TC186938	pigment epithelium-derived fac	Mm.2044
13135	15839	AI851457	TC206894	null	Mm.37399
52581	93096	AA409614	TC160423	null	Mm.21667
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14998	15410	AA409988	TC195239	null	Mm.100525
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17784	27703	AA409710	null	null	null
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49350	49130	AI854886	TC191380	null	Mm.31418
24764	31346	AI854668	TC175708	null	Mm.31557
18354	20862	AI854832	null	null	null
68405	69998	AI854863	TC173741	null	Mm.38801
24208	32787	AI854893	null	null	Mm.40592
16492	25239	AI854675	TC162896	null	Mm.40723
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25414	32452	AI851519	TC176892	null	Mm.23594
98613	107221	AI851113	TC188652	ADP-ribosylation-like factor h	Mm.7760
28518	33961	AI851351	TC178017	null	Mm.33138
65905	81424	AI851386	null	null	Mm.40535
43902	54305	AI851532	null	null	Mm.40211
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22046	27565	AA407944	TC201670	cupidin	Mm.228
29847	30325	AA409410	TC161509	null	Mm.21520
8834	12747	AA407409	TC202734	null	Mm.40282
39188	46438	AA407543	TC160797	null	Mm.29925
16397	22255	AA407930	TC157804	arsenite inducible RNA associa	Mm.24521
15464	21245	AA409460	null	null	Mm.36091
13208	15504	AI854696	TC176210	null	Mm.41477
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37038	38440	AI851579	TC160327	radixin	Mm.7051
568042	930682	AI851409	TC186557	null	Mm.29057
41673	45620	AI851451	TC188408	cytokine receptor-like molecu	Mm.33962
59305	73017	AI851558	TC202954	null	Mm.31048
66288	95818	AI851586	TC163177	null	Mm.44179
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9002	11202	AI851458	TC163155	channel interacting PDZ domain	Mm.29127
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66093	97269	AA409791	TC202365	poliovirus receptor homolog pr	Mm.4341
706159	660166	AA410005	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
73858	83945	AA409999	TC202097	null	Mm.21640
22497	26009	AA409518	TC178181	null	Mm.24470
243718	243479	AA409850	TC186458	null	Mm.30175
66236	112104	AA410164	TC206698	null	Mm.3639
30146	56406	AA409908	TC174018	glutamate-cysteine ligase cata	Mm.4368
19630	25275	AI854825	TC189899	null	Mm.27143
31257	40523	AI854856	TC210607	null	null
99347	97079	AI854887	TC175665	null	Mm.23661
16240	18768	AI854669	TC183401	null	Mm.67059
48735	59707	AI854833	TC174415	null	Mm.24200
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85598	105192	AI854676	TC159989	null	Mm.10314
270453	204996	AI851106	TC200017	thyroid hormone binding protei	Mm.16660
83191	108744	AI851345	TC159963	null	Mm.30089
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18095	15873	AI851533	TC163449	endophilin I	Mm.26533
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45944	58666	AA409466	TC160239	WW domain binding protein 11	Mm.3855
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53408	59173	AI851580	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308

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8002	9437 AI851452	TC191722	null	null
40887	50249 AI851559	TC205950	null	Mm.33205
51495	47856 AI851587	TC204049	null	Mm.41788
9442	12653 AI851422	TC175861	MMRP19	Mm.24772
22291	25220 AI851461	TC177140	null	Mm.41031
8885	9076 AA409620	TC176490	null	Mm.36726
13529	25445 AA409792	TC162432	null	Mm.63991
77315	99858 AA410009	null	null	Mm.3636
19709	17374 AA410130	null	null	Mm.76703
13356	12697 AA409520	TC178181	null	Mm.24470
41079	48867 AA409838	null	null	Mm.3065
311897	269097 AA410169	TC201797	aurora-related kinase 2	Mm.3488
40533	33688 AA409910	null	null	Mm.34029
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65934	66039 AA408554	TC179116	null	Mm.7548
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147011	142656 AA408946	TC187601	glycerol-3-phosphate dehydroge	Mm.3711
7701	9513 AA408617	null	null	Mm.24497
50747	96500 AA408753	TC188610	null	Mm.24496
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23851	30369 AW538394	TC163117	null	Mm.30945
22228	23060 AW538474	TC161811	null	Mm.36811
161727	255253 AW538529	TC206415	null	null
34398	33667 AW538575	TC187332	null	Mm.33926
3957	9267 AW539587	TC187786	CMP-sialic acid transporter	Mm.22684
32424	49832 AW539654	TC201083	null	Mm.24456
88137	131705 AW539790	TC186742	intracellular chloride channel	Mm.22409
78464	106892 AW540958	TC161363	null	Mm.29637
68721	72182 AW539607	TC160719	null	Mm.27424
0	0 null	null	null	null
56123	80654 AW539810	TC201897	GlcNAc-1-P transferase	Mm.18353
35937	57338 AW540979	TC160334	translin	Mm.14644
20597	21104 AA409067	TC162388	null	Mm.28512
5731	8508 AA409227	TC173544	somatic histone binding protei	Mm.7516
0	0 AA409376	TC201927	CAAT-box DNA binding protein s	Mm.4929
49818	64352 AW537893	TC200579	alpha 4 protein	Mm.7454
14154	30806 AA409082	TC173718	taipoxin-associated calcium bi	Mm.1782
91042	82740 AA409312	null	null	null
13481	13594 AW537844	TC206323	null	Mm.102617
13605	24222 AW537911	TC178477	null	Mm.31112
166266	168498 AW538620	null	null	null
14293	24549 AW538678	TC188367	null	Mm.11521
10521	14345 AW538738	null	null	null
19794	18450 AW538802	TC159063	null	Mm.3199
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14886	18354	AW538699	TC176026	Iroquois homeobox protein 3	Mm.39039
22901	23701	AW538756	TC158100	null	null
1156788	1224797	AW538820	TC175242	adenylate kinase 4	Mm.42040
18855	22182	AW541427	TC161089	null	Mm.27863
0	0	AW541479	null	null	Mm.104653
220506	290694	AW542323	null	null	Mm.2573
61676	87594	AW542394	TC186505	null	Mm.21802
620043	569413	AW541443	TC203136	null	Mm.798
31551	38798	AW541489	TC204109	brain natriuretic peptide	Mm.2740
301523	492125	AW542335	TC186426	null	Mm.27800
500787	1049472	AW542408	TC173665	mammary transforming protein	Mm.544
0	0	AA408564	null	null	null
64445	58049	AA408731	TC203040	null	Mm.3727
193175	194611	AA408840	TC160932	null	Mm.28347
265639	315523	AA408947	TC200372	integral membrane protein 1	Mm.36551
95194	104721	AA408623	TC157851	Elf-1	Mm.24876
23814	28468	AA408762	TC203195	laminin alpha 5 chain	Mm.4339
0	0	AA408828	null	null	Mm.100599
14115	16768	AA408967	null	null	null
20332	30638	null	null	null	null
0	0	AW538460	TC190545	null	Mm.37418
85243	104957	AW538517	TC200940	null	Mm.21187
42291	62755	AW538565	TC193429	null	Mm.87727
13483	20995	AW538403	TC160798	formin binding protein 11	Mm.90052
0	0	AW538477	TC201968	null	Mm.31043
123327	121821	AW538531	TC159812	cytochrome c oxidase subunit V	Mm.14022
241143	264226	AW538577	TC175917	null	Mm.29080
15178	17009	AW539588	TC197656	null	null
24604	45074	AW539656	TC201824	null	Mm.5972
60859	121415	AW539791	TC201101	null	Mm.28057
152078	203764	AW540961	TC177029	plasma membrane protein syntax	Mm.24867
12213	20135	AW539609	TC160775	plakoglobin	Mm.21990
0	0	AW539673	null	null	null
79559	107348	AW539811	TC159965	CDC10	Mm.2858
190309	243804	AW540980	TC173360	null	Mm.29864
6669	5356	AA409074	TC188285	null	Mm.24002
31792	30051	AA409231	null	null	null
375345	421768	AA409377	TC162918	null	Mm.2247
71910	126218	AW537898	TC202099	null	Mm.35458
24697	19027	AA409115	null	null	null
46361	47867	AA409320	TC186401	null	null
136889	182274	AW537849	TC186532	male-enhanced antigen	Mm.88062
64242	65713	AW537914	TC173804	null	Mm.29202
0	0	null	null	null	null
41214	47551	AW538679	TC203952	null	Mm.49309
1675059	1870008	AW538739	TC186908	null	Mm.25794
17413	20855	AW538809	TC202413	null	Mm.41533
21468	36412	AW538632	TC175968	null	Mm.12669
9327	19509	AW538700	TC176119	null	Mm.158
40302	43606	AW538757	TC190322	parathyroid hormone-related pe	Mm.28440
37051	72355	AW538827	TC164796	null	null

234156	352874	AW541429	TC160296	null	Mm.27363
224611	363859	AW541480	null	null	null
288471	364480	AW542325	null	null	Mm.102697
101052	333480	AW542396	TC189491	tissue factor	Mm.31298
315290	499656	AW541446	TC173347	null	Mm.22333
365072	330401	AW541494	TC159784	surfeit 4 protein	Mm.2795
48681	65009	null	null	null	null
319855	453221	AW542410	TC174325	mSUG1 protein	Mm.665
0	0	AA408594	TC187636	mszf35	Mm.29962
29490	34788	AA408733	TC187853	null	Mm.74084
140207	165003	AA408841	TC186833	cysteine rich protein 1	Mm.10919
51957	59172	AA408949	TC160336	null	Mm.36765
12597	22066	AA408634	TC174018	glutamate-cysteine ligase cata	Mm.93774
7197	13681	AA408778	TC161806	null	Mm.44184
0	0	AA408720	TC186738	null	Mm.30250
7940	12070	AA408973	TC202318	null	Mm.24573
0	0	null	null	null	null
32699	34398	AW538466	TC190250	transglutaminase type 1	Mm.41964
565925	657612	AW538521	null	null	null
248138	239994	AW538566	TC186804	lithium-sensitive myo-inositol	Mm.8089
9063	16314	AW538407	TC202348	Givr-1	Mm.16757
9039	11237	AW538478	TC160789	null	Mm.5545
81181	179696	AW538537	TC162223	TOPK	Mm.24337
23024	32942	AW538579	TC161383	null	Mm.27608
120591	156651	AW539593	TC187991	UTX	Mm.28750
13975	19396	AW539657	TC195252	null	Mm.102863
10285	6791	AW539800	TC159075	null	Mm.82676
8293	16654	AW540965	TC189946	ATFa-associated factor	Mm.31529
0	0	AW539613	null	null	null
35074	52673	AW539684	TC158328	ring-box protein 1	Mm.29405
30914	42582	AW539814	TC162514	null	Mm.36705
37376	62604	AW540982	TC158944	null	Mm.28982
0	0	AA409100	TC186401	null	null
4747	7115	AA409233	TC176844	null	Mm.25096
98110	81987	AW537835	TC200477	null	Mm.29196
27950	36001	AW537899	TC160856	aminopeptidase	Mm.29824
1973415	2063314	AA409121	null	null	null
40598	53865	AA409322	TC187587	null	Mm.22269
123093	165803	AW537855	TC188123	null	Mm.26828
30746	42298	AW537918	TC157981	null	null
0	0	AW538623	TC201742	null	Mm.27561
419417	638287	AW538686	TC158918	UbcM4 protein	Mm.3074
659491	627050	AW538747	null	null	Mm.102563
25832	26089	AW538811	TC176843	hairy-related transcription fa	Mm.103615
474569	514338	AW538640	TC161688	null	Mm.3154
53963	75535	AW538701	TC187367	null	Mm.29801
421241	740247	AW538759	null	null	null
136159	156481	AW538829	TC173092	brain beta spectrin	Mm.3914
5309	11594	null	null	null	null
9858	26110	AW541483	null	null	Mm.21274
255961	285492	AW542328	TC187168	null	Mm.28765

131580	326581	AW542397	TC186567	nucleosome assembly protein-1	Mm.3797
141040	237350	AW541449	TC161413	null	Mm.27945
2035512	2703756	AW541496	null	null	null
383685	654320	AW542339	TC200499	null	Mm.46558
172065	246815	AW542410	TC174325	mSUG1 protein	Mm.665
12787	12730	AA408602	TC173420	chaperonin 10	Mm.12970
52256	59156	AA408738	TC189296	null	Mm.24503
219618	228537	AA408860	null	null	Mm.90041
10617	16634	AA408954	null	null	Mm.3737
27751	45803	AA408580	null	null	Mm.46673
29149	48568	AA408781	TC179053	null	Mm.34664
180451	343294	AA408723	null	null	Mm.4550
8800	10782	AA408902	TC199651	null	Mm.36552
5883	11784	AW538390	TC164922	null	null
8756	14170	AW538468	TC184105	null	Mm.102553
107376	181922	null	null	null	null
239957	497618	AW538568	TC158810	null	Mm.14838
0	0	AW538408	TC211309	null	null
5930	6006	AW538480	TC177057	null	Mm.45371
56225	65540	null	null	null	null
55539	61964	AW538582	TC175252	null	Mm.87720
32889	51177	AW539598	TC161642	F-box protein FBX6b	Mm.27445
124983	183334	AW539669	TC160413	unknown	Mm.9846
117979	144089	AW539801	TC160008	palmitoyl-protein thioesterase	Mm.43660
3831	4667	AW540966	TC162721	null	Mm.28230
178934	282131	AW539614	TC200228	B cell antigen receptor Ig bet	Mm.28165
61089	76516	AW539750	null	null	null
458735	514412	AW539815	null	null	null
23930	38992	AW540984	TC158991	inhibitor of apoptosis homolog	Mm.8552
0	0	AA409105	TC200940	null	Mm.21187
24985	29052	AA409293	TC160681	null	Mm.22353
89876	101115	AW537836	TC178089	null	Mm.31078
0	0	AW537907	TC162790	null	Mm.12430
20930	22446	AA409125	TC175080	AMY-1	Mm.12975
118482	227519	AA409347	TC173134	ribosomal protein L18	Mm.41923
13221	24474	AW537856	null	null	null
69857	68185	null	null	null	null
36632	63125	AW538624	TC199959	null	Mm.19117
854300	1352437	AW538688	null	null	null
28985	39055	AW538752	TC157815	Rad1-like DNA damage checkpoin	Mm.38376
23904	36496	AW538812	TC187558	multiple exostosis protein	Mm.4336
61149	97485	AW538647	TC173077	PW29	Mm.164
12604	13939	AW538704	TC200635	cystatin B	Mm.6095
834545	772127	AW538761	null	null	Mm.102565
54938	87098	AW538832	TC160874	null	Mm.28092
0	0	AW541437	null	null	Mm.102667
53220	109493	AW541485	TC161210	low density lipoprotein recept	Mm.3213
601376	647581	AW542332	null	null	Mm.102699
339262	500967	AW542400	TC161067	null	Mm.27839
145454	195700	AW541451	TC161925	null	Mm.11849
1989392	3786231	AW541497	null	null	null

98157	113176	AW542343	TC162260	AP-2.2 protein	Mm.3629
391854	623350	AW542413	TC187380	testosterone induced transcrip	Mm.42240
0	0	AA408604	TC206792	null	Mm.43505
13409	19218	AA408740	TC202209	null	Mm.21521
58907	85071	AA408842	TC202684	null	Mm.41393
35981	53105	AA408960	TC173994	null	Mm.27292
72214	36791	AA408642	null	null	Mm.88713
179385	294368	AA408785	TC174019	null	Mm.28265
66012	69078	AA408725	null	null	null
122152	158082	AA408978	TC188856	null	Mm.85814
0	0	AW538391	TC180281	null	Mm.102551
18046	19214	AW538471	TC157865	ubiquitin C-terminal hydrolase	Mm.52067
237092	337738	AW538525	TC173681	null	Mm.28287
629806	490755	AW538569	TC160120	mitochondrial carrier homolog	Mm.28023
31030	53205	AW538410	TC187143	null	Mm.21409
39413	69495	AW538481	TC173131	null	Mm.29859
72734	182445	AW538538	TC187316	suppressor of cytokine signall	Mm.3468
37846	51703	AW538589	null	null	null
282913	476815	AW539601	null	null	null
10283	14487	AW539670	TC165647	null	Mm.32200
36216	55022	AW539806	TC160434	null	Mm.28397
60749	95818	AW540967	TC160261	null	Mm.21126
1122630	1583608	AW539621	null	null	null
277437	396264	AW539755	TC186471	t-complex polypeptide 1A	Mm.2223
349282	861110	AW539816	TC189384	null	Mm.24686
87539	110429	AW540987	TC188177	null	Mm.27971
18716	23271	AA409079	TC187177	30-kDa subunit of replication	Mm.2870
28702	30699	AA409304	TC194637	null	Mm.27410
51311	66804	AW537837	TC188263	null	Mm.27854
37903	39348	AW537908	TC177414	null	Mm.45767
41656	51201	AA409147	TC157641	delta7-sterol reductase	Mm.3747
148451	319852	AA409352	null	null	Mm.42790
111375	117367	AW537858	null	null	Mm.102537
53065	78477	AW537926	TC160862	null	Mm.21586
0	0	AW538626	TC159675	chromosome segregation protein	Mm.100721
40222	94658	AW538689	TC161497	null	Mm.46438
220804	245921	AW538753	TC188147	null	Mm.25353
97649	104473	AW538815	TC203288	null	Mm.100863
0	0	null	null	null	null
60118	116971	AW538705	null	null	null
186949	227154	AW538766	TC200196	ERG-associated protein ESET	Mm.30196
22568	31914	AW538836	null	null	null
753158	1060866	AW541438	TC174262	null	Mm.29706
50642	53551	AW541487	TC162355	null	Mm.37787
10418	10975	AW542333	TC204482	null	Mm.29903
168062	206917	AW542401	TC158858	null	Mm.25393
38334	95293	AW541452	TC187926	tRNA-guanine transglycosylase	Mm.24178
18840	30535	AW541498	TC174597	null	Mm.29105
22069	50264	AW542347	TC163297	null	Mm.24628
305533	343955	AW542414	TC190781	null	Mm.22834
132380	219303	AA408610	TC173591	MRJ	Mm.2701

13242	15572	AA408751	TC200176	unnamed protein product	Mm.29341
234406	193324	AA408850	TC189258	null	Mm.25299
152481	227959	AA408962	TC173281	cyclophilin CyP-S1	Mm.2412
0	0	AA408674	TC163812	null	Mm.24787
23464	40748	AA408787	TC160049	TIF1 beta protein	Mm.15701
68506	112094	AA408882	TC175586	null	Mm.24505
126478	228133	AA408980	TC200943	chop-10	Mm.28173
193439	211950	AW538393	TC200588	null	Mm.29778
95281	136378	AW538472	TC187004	null	Mm.17912
0	0	AW538527	TC176212	null	Mm.45099
64925	71942	AW538574	TC173610	ATP sulfurylase/APS kinase	Mm.18161
0	0	AW538412	TC159985	cerebellum postnatal developme	Mm.33875
12616	12616	AW538486	null	null	null
15570	26115	AW538539	TC163068	cyclophilin-33	Mm.11761
110845	109386	AW538592	TC160426	null	Mm.22086
52674	63445	AW539605	TC173973	null	Mm.29660
134199	157961	AW539671	null	null	Mm.102603
4599	9811	AW539808	TC202672	null	Mm.100307
42008	38712	AW540970	null	null	Mm.102656
317100	416797	AW539622	TC173648	complement receptor	Mm.88295
46329	54048	AW539757	TC159040	null	Mm.1298
30697	43409	AW539818	TC188654	null	Mm.27326
9971	9960	null	null	null	null
65379	74506	AA409081	TC159784	surfeit 4 protein	Mm.2795
54246	74264	AA409307	TC189306	null	Mm.28256
387500	308534	AW537841	TC176554	null	Mm.18562
531822	518100	AW537910	null	null	null
0	0	AA409130	TC191541	null	Mm.3590
60976	88095	AA409336	TC161264	phosphoprotein	Mm.489
39055	45354	AW537860	TC162821	null	Mm.45651
208799	78786	null	null	null	null
23714	35447	AW538629	TC160258	null	Mm.29835
291631	402194	AW538695	null	null	Mm.102561
151678	100008	AW538754	TC173791	null	Mm.36883
467429	527032	AW538816	null	null	null
167135	159331	AW538648	TC160508	null	Mm.28968
144752	132283	AW538706	TC161203	null	Mm.24293
19015	24708	AW538769	TC202931	null	Mm.38813
6073	4250	AW538839	null	null	null
39606	40262	AW541442	TC189358	null	Mm.45272
0	0	AW541488	TC200121	beta2-microglobulin precursor	Mm.163
86693	86927	AW542334	TC204249	GM1/GD1b/GA1 synthase	Mm.11132
185718	129325	AW542405	null	null	null
147286	341465	AW541453	TC160745	Myc basic motif homologue-1	Mm.18626
917876	514420	AW541499	TC162643	purine-selective Na+ nucleosid	Mm.29510
99148	139583	AW542349	TC187526	null	Mm.27600
475890	579915	AW542415	TC186442	ubiquitin conjugating enzyme	Mm.1570
2742	7445	AW543827	TC175808	null	Mm.41440
37879	57058	AW543973	TC158387	null	Mm.22440
42432	47265	AW544040	TC186787	null	Mm.25634
233034	249643	AW544120	null	null	null

116243	129645	AW543839	TC163702	null	Mm.34402
182575	373615	AW543989	TC189645	null	Mm.34499
95849	100753	AW544067	TC189186	null	Mm.10343
38322	58969	AW544134	TC174716	null	Mm.29491
677797	1020655	AW545006	TC200289	proteasome beta-subunit C5	Mm.34837
228338	217408	AW545189	TC200365	null	Mm.21094
74474	75312	AW545275	TC173319	null	Mm.43640
88574	89966	AW545321	null	null	null
33361	50563	AW545119	TC162165	alpha-catenin related protein	Mm.25400
19597	22260	AW545033	TC174861	null	Mm.12187
4619	10033	AW545287	TC164606	null	Mm.103480
12634	16087	AW545336	null	null	null
46416	47207	AW536317	TC174282	null	Mm.21761
25579	48801	AW536361	TC161441	null	Mm.38930
14384	24634	AW536424	TC202487	null	Mm.86400
97471	143831	AW536460	TC159865	X16	Mm.6787
96218	74974	AW536326	null	null	null
100929	105909	null	null	null	null
25393	31967	AW536429	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
95389	85147	AW536471	null	null	Mm.102503
144305	336512	AW544184	null	null	null
8145	17961	AW544253	TC176316	null	Mm.39973
33418	44839	AW544320	TC186685	null	Mm.29916
139082	200373	AW544374	TC173154	dead-box RNA helicase	Mm.18459
0	0	null	null	null	null
90383	76628	AW544267	TC200795	null	Mm.28858
0	0	AW544337	null	null	Mm.104503
0	0	AW544389	TC202441	null	Mm.6724
24270	30524	AW545372	TC176136	null	Mm.46649
76219	60010	AW545455	TC162743	null	Mm.6161
21806	23548	AW545598	TC187238	GLUT4 vesicle protein	Mm.29010
123226	181147	AW545658	TC157774	p120	Mm.35738
0	0	AW545393	TC163235	null	Mm.34612
0	0	null	null	null	null
169715	221297	AW545614	null	null	null
100598	112966	AW545673	null	null	Mm.102792
196115	278566	AW536514	null	null	Mm.22505
61386	75964	AW536564	TC187540	null	Mm.28038
84921	108980	AW536617	TC177778	null	Mm.39024
24878	28402	AW536675	TC200962	null	Mm.26214
37434	47748	null	null	null	null
437071	311411	AW536623	TC173952	null	Mm.12983
32296	44965	AW536691	TC164682	null	Mm.37530
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10059	9437	AW543974	TC201827	unnamed protein product	Mm.100589
333834	310021	AW544045	TC186893	null	Mm.21707
50693	88933	AW544122	TC186566	DN38	Mm.3797
54013	108202	AW543848	TC160569	nucleolar RNA helicase II/Gu	Mm.24830
357961	414140	AW543993	TC189523	null	Mm.28334
96603	130905	AW544069	null	null	null
703594	1321923	AW544139	null	null	null

690313	789253	AW545016	TC160422	ALG-2	Mm.24254
105374	117008	AW545193	TC187351	null	Mm.17162
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0	0	AW545323	null	null	null
0	0	AW545120	null	null	null
21661	27251	AW545215	TC201915	null	Mm.24353
1338718	1705419	AW545291	null	null	Mm.2648
6828	13633	AW545338	TC186452	unknown	Mm.39896
55184	58687	AW536319	TC188644	null	Mm.23826
0	0	AW536363	null	null	Mm.102501
26418	38877	null	null	null	null
46368	61459	AW536460	TC159865	X16	Mm.6787
29114	30353	AW536327	TC163059	null	Mm.38439
40050	49109	AW536390	TC187037	26S proteasome subunit p40.5	Mm.29760
22220	35868	AW536433	TC174118	NST-1	Mm.89341
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12744	13348	AW544257	null	null	null
46088	55862	AW544322	TC157445	null	Mm.103388
257278	256175	AW544375	TC206813	null	Mm.49048
35371	66235	AW544204	TC173202	CCTtheta, theta subunit of the	Mm.17989
253689	278003	AW544269	null	null	null
192150	271152	AW544339	TC159490	cadherin associated protein	Mm.18962
57917	81190	AW544394	TC188512	null	Mm.20363
6451	6250	null	null	null	null
31984	30731	AW545456	TC203204	toll/interleukin-1 receptor 8	Mm.38017
20219	31272	AW545602	TC159140	null	Mm.104586
10982	17767	AW545662	TC160146	MSS1	Mm.2462
56797	76950	AW545404	null	null	null
11840	17313	AW545556	TC160418	RNA/DNA-binding protein	Mm.1951
0	0	AW545615	TC188179	null	Mm.21480
0	0	AW545676	TC162953	null	Mm.76286
103916	122483	AW536516	TC161200	null	Mm.89515
23516	27641	AW536567	TC202160	null	Mm.102507
203831	179091	AW536618	TC162026	null	Mm.34789
154025	140242	null	null	null	null
152244	325579	AW536523	TC174466	I-kappa B alpha chain	Mm.8884
34723	57559	AW536576	TC164418	tsec-1	Mm.14485
1398923	2186261	AW536624	null	null	null
35190	36995	AW536692	TC158679	null	Mm.37308
4039	4824	null	null	null	null
12395	22115	AW543975	TC201870	null	Mm.36541
146111	202716	AW544048	TC201035	null	Mm.31845
0	0	null	null	null	null
81729	105525	AW543849	TC163367	SIL	Mm.3988
167142	187981	AW543994	TC161746	null	Mm.24431
18707	28482	AW544077	TC211295	null	Mm.102737
42479	77887	AW544140	TC200781	null	Mm.9257
39759	69860	AW545018	TC179099	null	Mm.102777
54310	98961	AW545194	TC175733	null	Mm.22413
1158627	1256861	AW545279	TC186387	null	Mm.22699

284911	513966	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
0	0	AW545121	null	null	Mm.102778
70442	90513	AW545219	null	null	null
257919	304840	AW545296	null	null	null
0	0	AW545339	TC157330	arginine-tRNA-protein transfer	Mm.21907
22193	31513	AW536320	TC188108	ORC4-related protein	Mm.21834
70277	90054	AW536375	TC159968	null	Mm.24593
193846	572239	AW536425	TC159415	nucleolin	Mm.4907
0	0	AW536463	null	null	null
42272	63176	AW536328	TC159955	signal recognition particle su	Mm.850
46180	46799	AW536397	TC190304	molybdenum cofactor synthesis-	Mm.22256
57806	42124	AW536435	TC203025	null	Mm.29293
610669	372932	AW536474	TC200117	apolipoprotein A-IV	Mm.4533
0	0	AW544190	TC161453	null	Mm.30224
0	0	AW544260	TC159061	ERCC-1 polypeptide (AA 1-298)	Mm.4700
59460	70129	AW544323	null	null	null
5187	8243	AW544376	TC201258	null	Mm.24474
41815	47508	AW544205	TC191443	null	Mm.95292
188906	272566	AW544270	TC186568	ras-related C3 botulinium tox	Mm.889
36831	67515	AW544340	TC161693	null	Mm.102126
12143	16038	null	null	null	null
7711	10646	AW545379	TC180588	null	Mm.102705
0	0	AW545543	TC189923	putative	Mm.27096
1049374	1450683	AW545606	null	null	Mm.102790
16839	4943	AW545662	TC160146	MSS1	Mm.2462
83608	88717	AW545405	TC201944	null	Mm.27451
12841	7663	AW545557	null	null	null
19027	26918	AW545620	TC190985	null	Mm.102791
78596	168534	AW545677	TC160834	cytokeratin	Mm.1012
85221	136664	AW536518	TC174563	BAF53a	Mm.29546
49148	78222	AW536572	TC202959	null	Mm.45020
130726	304979	null	null	null	null
162139	293767	AW536682	TC187080	nuclear pore-targeting complex	Mm.16710
60062	85498	AW536528	TC157256	null	Mm.104216
66805	74279	AW536578	TC174717	ubiquitin specific protease 16	Mm.27510
38297	40599	AW536629	TC157992	null	Mm.88389
160460	123934	AW536693	TC173909	alpha-1 type II collagen	Mm.2423
46670	68718	AW543832	TC160705	null	Mm.27695
17721	24296	AW543978	TC189821	null	Mm.27124
396306	434456	AW544050	TC160402	cathepsin Z	Mm.115
126959	168877	AW544127	TC179076	null	Mm.55062
772130	829650	AW543850	TC186897	null	Mm.28981
1157944	1208973	AW543998	TC174435	3.4J polypeptide	Mm.2442
214489	230400	AW544079	TC157881	null	Mm.33206
28408	38844	AW544141	TC200894	null	Mm.29120
15530	14729	AW545109	null	null	null
54591	63069	AW545196	TC173039	Sui1 homolog	Mm.13886
70465	112862	AW545280	TC160334	translin	Mm.14644
328920	561643	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
111254	113464	AW545124	null	null	null
0	0	AW545222	TC188867	null	Mm.37756

28405	23141	null	null	null
150394	203297	AW545340	TC201530	mCAC
19084	22438	AW536321	TC189025	null
60765	53319	AW536378	TC188618	null
30959	47088	AW536426	TC157719	prenidogen (AA -28 to 1217)
11340	18285	AW536464	TC163370	null
74880	77347	AW536329	TC173482	null
42638	35490	AW536398	TC186761	null
7666	16108	AW536439	TC173573	factor B
0	0	AW536477	TC187257	null
10273	9133	AW544193	null	null
58668	55675	AW544263	TC178116	null
5709	10492	AW544328	TC191236	null
12444	14467	AW544378	TC175889	ecto-apyrase CD39
28595	43464	AW544207	TC161179	ubiquitin-conjugating enzyme U
86529	84112	AW544272	TC160238	DnaJ-like protein
39082	71961	AW544343	TC186828	null
9526	12439	AW544399	null	null
5558	5147	AW545386	TC187482	null
0	0	AW545547	TC202827	null
11284	13226	null	null	null
44084	59612	AW545662	TC160146	MSS1
0	0	AW545407	TC189305	50C15 protein
43047	62687	AW545558	TC174731	IKappaB-like protein
9193	14695	AW545622	TC176376	endothelial cell protein C/APC
39521	43182	AW545681	TC162677	null
35378	53510	AW536519	TC173681	null
81597	141531	AW536573	TC188803	null
248853	325383	AW536619	TC201981	null
186174	211868	AW536686	TC161298	null
251956	360476	AW536530	TC160406	NF-IL6
108509	137826	AW536579	TC188676	null
13350	19197	AW536630	TC178886	null
333683	377439	AW536694	TC202108	null
0	0	AW543833	TC176395	null
28949	33220	AW543984	TC201675	null
85297	138260	AW544060	TC201176	null
45333	65707	AW544128	TC165800	null
127611	129500	AW543851	null	null
19659	28685	AW544004	TC201826	Ran-interacting protein MOG1
59590	86483	AW544081	TC159924	retinoblastoma-binding protein
142338	135796	AW544146	TC191689	null
8951	11545	AW545111	TC164195	null
189548	252953	AW545197	TC173485	null
43134	57432	AW545282	TC193233	null
62392	114034	AW545328	TC201501	null
0	0	AW545125	TC161019	small zinc finger-like protein
16323	21025	AW545225	TC157293	null
114227	160227	AW545297	TC159952	vacuolar adenosine triphosphat
235684	276773	AW545345	TC157685	mouse 57-KD Calcium-binding p
146496	230900	AW536322	TC186887	null

581022	360486	AW536380	TC200060	malate dehydrogenase	Mm.3156
76807	144750	AW536427	TC175460	null	Mm.18798
0	0	AW536465	TC188204	null	Mm.22583
0	0	AW536331	null	null	Mm.102500
56949	93276	AW536400	TC202345	null	Mm.34803
6109	8956	AW536440	null	null	null
0	0	AW536479	TC192785	mdkk-1	Mm.7960
16964	22258	AW544196	TC161521	null	Mm.21458
14517	19621	AW544264	TC199485	null	Mm.102745
1011505	1325875	AW544332	null	null	null
37189	62670	AW544382	TC201222	null	Mm.18739
23104	26958	AW544209	TC158494	cytochrome P-450 17-alpha-hydr	Mm.1262
24914	30390	AW544275	null	null	null
322557	748444	AW544349	null	null	Mm.102747
101908	120206	AW544402	TC186895	null	Mm.24280
0	0	AW545388	TC176308	Rab23 protein	Mm.40644
16883	25822	AW545548	TC200436	null	Mm.29890
12564	15873	AW545609	TC174923	null	Mm.27489
91599	101153	AW545668	TC201696	null	Mm.17087
0	0	AW545410	TC203233	null	Mm.41050
5374	9721	AW545559	TC200539	null	Mm.38306
37317	40448	null	null	null	null
13017	15237	AW545683	TC164416	null	Mm.89753
85528	122346	AW536520	TC190783	null	Mm.19287
379783	272349	AW536574	TC187963	null	Mm.34511
67561	129018	AW536621	TC187073	null	Mm.15701
1644579	1779155	AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
46265	78805	AW536531	TC160484	null	Mm.29164
0	0	AW536580	null	null	Mm.104497
0	0	AW536637	TC159227	null	Mm.34582
373837	293652	AW536696	TC173104	null	Mm.63
6057	14115	AW543834	TC177093	null	Mm.103473
56012	50942	AW543985	TC161266	null	Mm.27987
20938	38472	AW544065	TC201909	null	Mm.28094
142990	235628	AW544130	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
0	0	AW543941	TC203425	synaptogyrin 1b	Mm.10217
37456	36669	AW544006	null	null	Mm.102735
0	0	AW544082	TC201229	null	Mm.29591
20828	35222	AW544147	TC161018	null	Mm.38104
25558	39251	AW545118	TC187443	null	Mm.61682
0	0	AW545024	TC162887	null	Mm.23185
29625	31606	AW545284	TC203191	Sek-2	Mm.2581
203528	338681	AW545330	null	null	null
25601	42211	AW545126	TC187923	tryptophan--tRNA ligase	Mm.38433
0	0	AW545228	TC173671	null	Mm.29714
0	0	AW545298	TC201616	nucleotide-binding protein sho	Mm.36718
83219	134382	AW545346	TC200377	null	Mm.22661
29225	49622	AW536325	TC158445	null	Mm.26903
34463	40783	AW536381	TC175527	MGA protein	Mm.87532
60818	102528	AW536428	TC186779	null	Mm.22876
174352	156900	AW536468	TC161577	null	Mm.28972

13917	18490	AW536332	TC203090	null	Mm.27191
21668	33167	AW536403	TC187181	interleukin enhancer binding f	Mm.20935
42500	61252	AW536441	TC160561	null	Mm.21859
112738	130243	AW536480	TC189279	null	Mm.34870
72540	103738	AW544199	TC159009	tropomodulin 3	Mm.38445
25008	28203	AW544265	null	null	null
44555	60475	AW544333	TC202272	null	Mm.23685
74964	145946	AW544387	null	null	Mm.102748
83238	62123	AW544212	TC187375	peroxisomal acyl-CoA oxidase	Mm.8403
76274	68408	AW544280	TC173546	contains transmembrane (TM) re	Mm.25412
5791	2879	null	null	null	null
0	0	AW544405	TC203836	null	Mm.41887
0	0	AW545392	TC200704	null	Mm.43765
29745	31864	AW545552	TC206590	null	Mm.100341
35184	38319	AW545612	TC202865	null	Mm.36834
36451	48698	AW545672	TC164142	null	Mm.32245
9473	7979	AW545411	TC188821	mTim1	Mm.6458
18117	22157	AW545561	TC195921	null	null
0	0	null	null	null	null
0	0	AW545684	TC191346	null	Mm.25647
65321	65705	AW536521	null	null	Mm.11360
304393	203332	AW536575	TC187438	null	Mm.27923
214685	407108	AW536622	null	null	Mm.30093
1808325	1640361	AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
575918	506082	AW536532	TC178028	null	Mm.30268
69212	70831	AW536585	TC162427	null	Mm.53963
372253	364384	AW536640	TC200400	nuclear protein np95	Mm.42196
153053	182305	AW536699	TC174069	receptor tyrosine kinase-relat	Mm.3860
42190	63461	AW537075	TC186822	null	Mm.17307
156632	160911	AW537130	TC185913	null	null
328346	387242	AW537199	TC202127	null	Mm.28537
46318	52605	AW537248	TC177864	null	Mm.31539
105626	146352	AW537086	TC161663	nuclear protein, NP220	Mm.4503
61466	77103	AW537152	null	null	null
589217	955436	AW537210	TC201354	11-zinc-finger transcription f	Mm.493
55778	63572	null	null	null	null
0	0	C76110	null	null	null
0	0	C76179	TC191692	null	Mm.5466
24170	26963	C76272	null	null	null
0	0	C76349	TC160691	SCG10-related protein HiAT3	Mm.2319
52464	68392	C76131	TC200356	makorin 1	Mm.7198
117845	143280	C76204	TC188312	four and a half LIM-domain pro	Mm.6799
807657	780998	C76282	TC158355	null	Mm.30043
22444	48440	C76390	TC174250	eIF-1A	Mm.24090
20607	21192	C77465	TC204292	null	Mm.27577
33591	34325	C77525	null	null	null
0	0	C77583	null	null	null
0	0	C77659	null	null	null
0	0	C77487	TC163116	null	Mm.21926
7256	9641	C77537	TC203340	null	Mm.23959
6912	9839	C77593	null	null	Mm.42175

0	0	C77672	null	null	Mm.36571
0	0	AW537290	null	null	null
23990	27594	AW537354	TC193734	null	Mm.102523
51426	67005	null	null	null	null
55210	59349	AW537461	TC160922	null	Mm.43671
17071	29934	AW537308	TC201256	null	Mm.28202
34990	61483	AW537368	TC189032	acetylglucosaminyltransferase-	Mm.20872
85972	162157	AW537412	TC159594	L26	Mm.3229
128476	166408	AW537479	TC162856	null	Mm.10088
19889	24075	C76457	null	null	null
0	0	C76553	null	null	null
17815	30868	C76674	null	null	null
0	0	C76753	null	null	Mm.34930
0	0	C76471	null	null	Mm.24911
16428	18213	C76575	null	null	null
109541	133710	C76687	TC193875	null	Mm.5522
0	0	C76770	TC198946	null	Mm.24922
12991	15927	C77714	null	null	null
50703	64692	C77803	TC195386	null	null
17073	17419	C77893	null	null	null
30441	34544	C77973	null	null	null
0	0	C77741	null	null	null
15736	9843	C77819	TC172203	null	null
0	0	C77922	null	null	Mm.34935
47968	94455	C77997	TC187359	silencing mediator of retinoic	Mm.29412
75100	110283	AW537080	TC187266	SHYC	Mm.12912
94967	110806	AW537132	TC202369	ganglioside-induced differenti	Mm.22080
500160	469206	AW537201	TC201593	null	Mm.29529
49266	64429	AW537249	TC188852	null	Mm.27827
895736	809564	AW537088	TC157699	null	Mm.35849
91915	139698	AW537155	TC187554	Pax transcription activation d	Mm.9558
6703	10585	AW537212	null	null	null
171543	183978	AW537256	TC157771	neural specific sr protein NSS	Mm.10229
0	0	C76116	null	null	null
14653	14083	C76182	TC201702	serine/threonine kinase	Mm.3794
5335	6414	C76273	null	null	null
0	0	C76361	null	null	Mm.21983
23629	33785	C76134	TC158562	null	Mm.22587
0	0	C76207	TC164368	null	Mm.21870
5428	11008	C76294	null	null	null
12774	11714	C76391	TC166480	null	Mm.38113
3033	8090	C77469	TC201518	null	Mm.27236
0	0	C77526	null	null	null
16103	16456	C77584	TC174481	null	Mm.5624
22122	28414	C77662	TC164364	null	Mm.5633
8611	12071	C77488	null	null	null
0	0	C77540	null	null	null
5504	8184	C77594	null	null	null
38184	69458	C77673	null	null	null
22758	35617	AW537292	TC160761	cleavage and polyadenylation s	Mm.716
569294	627287	AW537357	TC159949	syntenin	Mm.14744

70320	68805	AW537405	TC173466	null	Mm.30017
839015	1325879	AW537462	TC162355	null	Mm.100672
73241	109880	AW537310	TC173418	null	Mm.24455
112322	133611	AW537369	null	null	null
244871	472703	AW537412	TC159594	L26	Mm.3229
1025159	989107	AW537480	TC159755	ATP synthase alpha subunit	Mm.4069
24201	29371	C76460	null	null	Mm.24909
35529	41330	C76555	TC212591	null	Mm.34929
25406	34586	C76678	TC158940	Sid6061p	Mm.25198
99780	102401	C76754	TC190585	null	Mm.100613
8211	11335	C76472	null	null	Mm.42516
28953	42954	C76577	TC163782	null	Mm.27446
47903	68029	C76692	TC198942	null	null
14219	11994	C76793	null	null	null
0	0	C77717	null	null	null
0	0	C77804	null	null	null
10557	16336	C77901	null	null	null
44663	45978	C77975	TC160751	null	Mm.22031
14546	17654	C77745	TC175556	null	Mm.6642
12678	11571	C77823	TC202865	null	Mm.21302
46940	56666	C77923	TC203601	null	Mm.3028
957496	2042761	C78001	TC201766	null	Mm.74665
81882	152384	AW537081	TC175410	peroxisomal trans 2-enoyl CoA	Mm.29988
71806	153403	AW537134	TC202574	null	Mm.21905
111808	93089	AW537202	TC175747	dihydrofolate reductase	Mm.23695
110819	196255	AW537250	TC158970	null	Mm.25364
82607	85115	AW537091	null	null	Mm.298
189285	258405	AW537159	TC160986	null	Mm.34081
17293	24698	null	null	null	null
517946	597328	AW537257	TC201200	null	Mm.22710
39240	54117	C76118	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
0	0	C76186	null	null	null
48843	67157	C76274	null	null	Mm.43510
390164	517157	C76363	TC200126	p59 immunophilin	Mm.12758
6894	3590	C76136	null	null	null
46805	93012	C76213	null	null	Mm.43290
45853	61795	C76297	TC205688	null	Mm.27084
7796	10814	C76393	null	null	null
30051	69113	C77473	TC161692	null	Mm.23961
12436	14819	C77528	TC188278	glucose transporter	Mm.7241
0	0	C77586	null	null	null
7910	8649	C77664	null	null	null
0	0	C77490	null	null	null
32824	51246	C77542	TC190638	null	null
0	0	C77595	TC195013	null	Mm.33254
24124	38091	C77675	TC174739	null	Mm.21353
46848	64201	AW537295	null	null	Mm.1777
54917	94920	AW537358	TC159044	null	Mm.29303
28712	28208	AW537406	TC202195	null	Mm.2097
197186	239620	AW537468	null	null	null
0	0	AW537323	TC205268	null	Mm.103408

102004	237450	AW537371	TC187912	A+U-rich RNA-binding protein	Mm.22617
219873	183407	AW537419	null	null	Mm.103534
57104	72375	AW537485	TC176048	85 kDa calcium-independent pho	Mm.30787
48862	61108	C76462	TC203525	null	Mm.25345
10056	10645	C76556	null	null	null
17640	28076	C76680	null	null	null
45606	58006	C76755	null	null	Mm.27625
10629	9076	C76473	null	null	null
22760	26608	C76585	TC175686	null	null
15833	32198	C76698	null	null	null
0	0	C76795	TC203668	Ets-protein Spi-C	Mm.21642
0	0	C77727	TC179797	null	Mm.83611
0	0	C77805	null	null	null
90346	137246	C77904	TC189214	null	Mm.6617
76776	127070	C77976	TC175555	null	Mm.31730
5634	6868	C77746	TC177110	DNA-binding protein, GF-1	Mm.1344
63122	81247	C77827	TC161853	null	Mm.27703
34514	39361	C77933	TC201325	null	null
44204	74061	C78002	null	null	Mm.33206
321821	392899	AW537082	TC206515	null	null
353967	551720	AW537147	TC173219	null	Mm.29841
98900	124754	AW537205	null	null	Mm.6357
48239	74453	AW537253	TC162277	null	Mm.28289
425089	472754	AW537092	TC187700	null	Mm.28026
24696	28824	AW537167	TC202765	null	Mm.24735
62045	89482	AW537213	TC203116	null	Mm.23670
182277	269181	AW537258	TC176157	null	Mm.21897
0	0	C76121	TC206373	null	Mm.25583
0	0	C76199	null	null	null
20859	25471	C76276	null	null	null
0	0	C76381	TC198933	null	Mm.24907
7574	13018	C76143	null	null	null
390593	298006	C76214	TC160368	null	Mm.31114
205630	381272	C76301	TC176961	plasma-cell membrane protein	Mm.27254
45217	71156	C76397	TC174993	null	Mm.29183
6186	5050	C77477	null	null	null
0	0	C77533	null	null	null
126750	229435	C77589	TC187526	null	Mm.24327
5291	14488	C77665	TC203735	CDC25	Mm.16857
0	0	C77491	null	null	null
0	0	C77545	null	null	Mm.24957
23511	32091	C77600	TC175135	hypothetical protein	Mm.28542
0	0	C77677	TC172092	null	Mm.33972
56766	77518	AW537296	TC175274	null	Mm.10076
10797	20257	AW537360	null	null	Mm.103389
0	0	AW537408	TC206085	null	Mm.26022
15031	13796	AW537469	TC186656	null	Mm.29984
3225	6078	AW537326	TC157885	null	Mm.104109
22027	20801	AW537373	null	null	Mm.103467
609870	703518	AW537420	TC157638	cathepsin B	Mm.22753
32372	39557	AW537490	TC178102	null	Mm.44732

8090	10986	C76464	TC162508	metal response element DNA-bin	Mm.10563
7802	14680	C76558	null	null	Mm.5507
20074	32758	C76683	TC167140	null	Mm.35801
4334	6394	C76757	null	null	null
12994	29183	C76481	TC203850	urokinase-type plasminogen act	Mm.1359
96217	89393	C76590	null	null	Mm.27295
685192	1384971	C76703	TC201259	null	Mm.27288
19475	21974	C76797	null	null	null
13524	19467	C77734	null	null	null
7156	9047	C77806	null	null	null
9787	17569	C77905	null	null	null
10958	16375	C77977	null	null	Mm.88589
0	0	C77752	null	null	null
33035	45047	C77831	null	null	null
62774	78300	C77934	TC164370	null	Mm.5662
41296	41901	C78006	null	null	null
131732	218444	AW537083	TC202086	null	Mm.22417
558929	579639	AW537150	TC200182	null	Mm.1893
166772	328459	AW537207	TC200110	snapin	Mm.21534
376774	349668	AW537254	TC175311	alpha diacylglycerol kinase; a	Mm.19981
138054	222880	AW537096	TC160183	null	Mm.23750
181860	194442	AW537168	TC173536	actin-related protein 1 alpha-	Mm.3118
8192	14562	AW537215	TC187870	HNP36 protein	Mm.4930
160335	187974	AW537261	TC162768	traube	Mm.18994
9093	13482	C76123	TC167050	null	Mm.24905
0	0	C76201	null	null	null
91865	107864	C76277	TC162518	null	Mm.24891
13406	21399	C76383	TC205876	null	Mm.24836
100753	140341	C76146	TC212581	null	Mm.24895
21002	28565	C76216	null	null	null
1084413	1833385	C76305	TC200453	null	Mm.28622
0	0	C76402	TC203416	null	Mm.24616
64300	76812	C77480	null	null	Mm.10409
0	0	C77534	null	null	null
12938	22388	C77590	null	null	null
13360	19438	C77666	null	null	null
5690	8716	C77492	null	null	null
21460	24967	C77550	null	null	null
0	0	C77603	null	null	null
18168	25425	C77683	null	null	null
27358	44620	AW537298	TC158977	A kinase anchor protein 95	Mm.25645
20126	26796	AW537364	TC165088	activin type IIB receptor	Mm.8940
21489	21485	AW537411	TC174746	null	Mm.27953
150335	159704	AW537470	TC201538	null	Mm.26773
45851	59020	AW537327	TC200399	null	Mm.41552
566999	560378	AW537378	null	null	null
0	0	AW537421	TC189201	null	Mm.44603
256141	251457	AW537491	null	null	null
25508	28589	C76465	null	null	Mm.24910
32676	37760	C76565	TC202440	null	Mm.27186
120206	169804	C76685	TC158911	ribophorin	Mm.22130

16632	23728	C76761	null	null	null
72584	98902	C76483	TC161397	null	Mm.30212
4165	4682	C76596	TC163490	null	Mm.27654
592662	886247	C76710	TC174518	galectin-4	Mm.17911
15963	26581	C76798	null	null	null
50693	49034	C77735	null	null	null
11401	15904	C77808	null	null	null
11763	13018	C77913	TC178491	growth factor	Mm.4213
187391	308985	C77982	TC160261	null	Mm.24158
0	0	C77756	null	null	Mm.24967
0	0	C77841	null	null	null
11846	18994	C77943	null	null	Mm.34934
131129	227272	C78009	TC200211	null	Mm.6932
282852	533603	AW537084	TC162161	DNA (cytosine-5)-methyltransfe	Mm.7814
304510	248851	AW537151	null	null	null
182856	231094	AW537209	TC176235	null	Mm.38993
267028	291078	AW537255	TC197652	null	Mm.102519
165553	242849	null	null	null	null
52749	109360	AW537169	TC161937	null	Mm.27851
16937	20877	AW537216	null	null	null
70728	85406	AW537264	null	null	Mm.102520
12741	17985	C76126	null	null	Mm.5457
8483	9898	C76202	null	null	Mm.24897
63522	71762	C76278	null	null	null
0	0	C76388	null	null	null
26549	35624	C76151	TC176385	null	Mm.6445
0	0	C76219	null	null	null
35207	44886	C76307	null	null	Mm.2992
0	0	C76405	TC170347	null	null
10623	11517	C77484	null	null	null
9662	12037	C77536	TC193809	null	Mm.69026
8126	13678	C77591	null	null	null
0	0	C77669	null	null	null
25267	28113	C77494	null	null	null
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0	0	C77609	null	null	Mm.24959
0	0	C77684	null	null	null
255653	228484	AW537305	TC174779	null	Mm.35790
83865	141502	AW537365	TC158242	nucleoside diphosphate kinase	Mm.1260
10598	6811	AW537411	TC174746	null	Mm.27953
328184	400211	AW537471	null	null	null
987582	837433	AW537328	TC174355	glutaredoxin	Mm.29728
65804	54337	AW537379	TC157940	null	Mm.4086
51331	60381	AW537424	null	null	null
32107	37037	AW537496	TC176051	WD40 repeat protein	Mm.15694
121541	136611	C76468	TC174047	null	Mm.29432
90984	103261	C76566	TC202440	null	Mm.27186
22485	22119	C76686	TC213153	null	null
55952	125406	C76763	TC200682	null	Mm.28614
62404	69209	C76486	null	null	Mm.24389
17056	20791	C76601	null	null	Mm.31117

0	0	C76711	null	null	null
0	0	C76801	TC161316	null	Mm.12568
76972	76295	C77739	TC174282	null	Mm.21761
6421	5912	C77815	null	null	Mm.24971
83822	92707	C77914	TC173379	zinc finger protein ZNF216	Mm.2904
54661	57272	C77984	null	null	Mm.24977
79814	84490	C77757	TC167578	null	null
0	0	C77843	null	null	Mm.35709
22025	10237	C77945	null	null	null
328504	283172	C78013	TC175199	DXImx39e protein	Mm.29596
17417	20016	C78663	TC207546	null	null
0	0	C78728	null	null	null
7775	7102	C78802	null	null	null
3535	7416	C78858	null	null	Mm.25004
0	0	C78681	null	null	Mm.27125
0	0	C78750	null	null	Mm.43954
62567	64315	C78815	TC189230	null	Mm.29604
10934	10635	C78876	null	null	null
9341	6775	C79741	null	null	Mm.25056
40170	38672	C79821	TC161832	null	Mm.5918
0	0	C79905	null	null	null
0	0	C79996	null	null	null
25610	30984	C79755	TC176404	null	Mm.6407
28068	25866	C79839	TC173942	null	Mm.28483
0	0	C79922	null	null	null
0	0	C80005	null	null	null
39510	58247	C81130	TC188341	null	Mm.28232
22179	16993	C81211	TC161658	null	Mm.34901
0	0	C81302	TC182529	null	Mm.45953
0	0	C81385	null	null	null
0	0	C81147	TC189488	null	Mm.5937
0	0	C81235	null	null	null
103016	84043	C81324	TC160307	null	Mm.29051
0	0	C81414	TC162602	prostaglandin E synthase	Mm.28768
0	0	C78914	null	null	null
7463	7425	C78973	TC162609	null	Mm.21103
0	0	C79034	null	null	null
20529	16897	C79113	null	null	null
82368	109704	C78930	TC160481	SDF4	Mm.30149
40359	50707	C78989	TC203588	null	Mm.34366
8442	8876	C79050	TC174736	null	Mm.6519
189300	368579	C79131	null	null	Mm.2180
17491	19939	C80070	TC200228	B cell antigen receptor Ig bet	Mm.30235
0	0	C80140	TC179880	null	Mm.37566
4406	5266	C80197	null	null	Mm.34946
0	0	C80273	TC201097	null	Mm.28399
0	0	C80086	null	null	null
8240	16382	C80148	TC188668	null	Mm.42674
5550	12247	C80205	null	null	null
5500	6497	C80283	null	null	null
66031	93071	C81487	TC186716	3SG protein	Mm.25622

20055	24967	C81600	null	null	Mm.6062
0	0	C85098	null	null	null
18522	31069	C85178	TC176855	null	Mm.27381
0	0	C81514	TC159172	null	Mm.6047
0	0	C85045	null	null	null
7443	7451	C85187	null	null	Mm.36437
0	0	C78665	TC174094	null	Mm.28293
7124	13430	C78729	TC163505	null	Mm.46585
6282	5217	C78803	TC179150	null	Mm.34917
0	0	C78859	TC184997	null	Mm.5761
0	0	C78682	null	null	null
57369	72297	C78752	TC157645	casein kinase II beta subunit	Mm.26789
0	0	C78819	TC174921	null	Mm.27662
44444	57864	C78877	TC174325	mSUG1 protein	Mm.665
0	0	C79743	null	null	null
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0	0	C79907	null	null	null
0	0	C79997	null	null	null
125478	93739	C79756	TC204071	embryonic alkaline phosphatase	Mm.26096
0	0	C79845	null	null	null
81062	68111	C79925	TC200103	cytochrome c oxidase subunit V	Mm.360
0	0	C80008	TC164520	null	Mm.11746
0	0	C81217	null	null	Mm.25107
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43504	39033	C81388	TC160147	monocarboxylate transporter 1	Mm.9086
7676	10341	C81148	null	null	Mm.25102
0	0	C81243	TC204333	null	Mm.24777
0	0	C81328	TC164402	null	Mm.27988
21235	39287	C81415	TC178108	null	Mm.6043
6717	10214	C78918	TC173628	beta-transducin repeat-contain	Mm.28734
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42349	77913	C79036	null	null	Mm.25007
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29110	44794	C79051	TC158357	pelle-like protein kinase	Mm.38241
57147	70245	C79132	TC201118	null	Mm.28468
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0	0	C80154	null	null	null
33754	44884	C80210	TC173132	null	Mm.31138
12304	14373	C80285	TC190087	null	Mm.28458
0	0	C81495	null	null	Mm.104568
71402	87913	C81602	TC187863	glutathione synthetase type A1	Mm.7504
10087	14550	C85100	TC203824	Pig-b	Mm.9561
21345	27463	C85180	TC188729	null	Mm.25408
0	0	C81515	null	null	Mm.13351
5444	8184	C85048	null	null	null
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0	0	C78806	null	null	null
0	0	C78862	TC189908	proton-dependent high affinity	Mm.25005
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117740	245346	C78755	null	null	Mm.102901
63668	93758	C78821	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
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0	0	C79910	null	null	null
27611	45565	C79999	null	null	null
0	0	C79764	TC180060	null	Mm.5874
0	0	C79846	TC188565	endo/exonuclease Mre11	Mm.25544
0	0	C79927	null	null	null
0	0	C80012	null	null	Mm.25058
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15392	33346	C81307	TC201975	zuotin related factor	Mm.88678
4782	12785	C81402	null	null	Mm.31144
0	0	C81149	null	null	null
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68899	107798	C81330	TC158820	null	Mm.20877
13281	23546	C81417	TC189096	null	Mm.6536
6976	5199	C78920	TC202936	null	Mm.871
51731	73203	C78982	TC187273	clathrin adaptor protein mu3A	Mm.3256
0	0	C79038	null	null	Mm.34940
19585	31435	C79120	TC205827	null	Mm.33428
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6399	8823	C78996	null	null	null
32002	54811	C79052	TC167231	null	Mm.25008
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0	0	C80278	null	null	null
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0	0	C80156	null	null	null
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60904	63941	C85101	TC175686	null	Mm.28158
0	0	C85181	null	null	Mm.9571
0	0	C81520	null	null	null
0	0	C85051	null	null	null
55498	59252	C85116	TC177325	null	null
137467	188153	C85192	TC163258	LIN-7 homolog 3	Mm.9573
11369	22425	C78670	TC186599	null	Mm.29949
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0	0	C78807	null	null	null

65677	100542	C78865	TC188726	nuclear receptor coactivator R	Mm.27592
7574	9575	C78686	null	null	null
8952	17212	C78757	TC175680	null	Mm.29696
14870	18268	C78822	null	null	null
0	0	C78880	null	null	null
12789	13860	C79749	null	null	Mm.5873
0	0	C79832	TC199198	null	Mm.25051
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16297	16021	C80000	null	null	Mm.42673
51917	52524	C79766	TC187525	null	Mm.21964
24324	43209	C79851	TC162009	null	Mm.29393
17333	29361	C79931	TC174358	jumonji protein	Mm.25059
0	0	C80016	TC158141	null	Mm.21312
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12251	17919	C81222	TC203711	null	Mm.25259
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24649	37759	C81403	TC187606	CARD-like apoptotic protein	Mm.28782
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9935	17714	C81248	null	null	null
43283	65001	C81336	TC187720	RAB/Rip protein	Mm.6461
0	0	C81425	null	null	null
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0	0	C78984	null	null	null
0	0	C79042	null	null	null
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0	0	C78997	null	null	null
0	0	C79053	null	null	null
0	0	C79136	TC159868	necdin	Mm.7089
74352	106075	C80077	TC186693	null	Mm.6072
3224	8504	C80143	null	null	null
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16867	22366	C80097	null	null	null
137109	325266	C80159	TC173920	null	Mm.29847
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16886	23184	C80290	TC201940	null	Mm.4206
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10964	7524	C85182	TC187949	null	Mm.21440
0	0	C81521	null	null	Mm.13352
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25801	24492	C85120	TC176626	null	Mm.9909
31768	38927	C85193	TC201255	null	Mm.9860
0	0	C78671	null	null	null
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0	0	C78691	TC202381	null	Mm.6929
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3574	5214	C78885	null	null	Mm.5763
78043	105686	C79750	null	null	Mm.15571
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204348	304982	C79774	TC160942	Guanine Nucleotide Regulatory	Mm.20925
0	0	C79852	null	null	null
1304058	1690561	C79946	TC199267	null	null
10702	8479	C80018	null	null	Mm.13314
13658	11417	C81141	null	null	null
0	0	C81224	null	null	null
13539	14847	C81315	null	null	null
16267	27282	C81410	TC188206	alpha-1,3-galactosyltransferas	Mm.1548
12888	15500	C81174	TC188268	rab20	Mm.14712
80044	135400	C81254	TC187884	null	Mm.38521
29681	62317	C81338	TC200928	collagen a1(V)	Mm.7281
0	0	C81429	TC188500	null	Mm.6352
15522	21912	C78927	TC162111	null	Mm.27102
0	0	C78986	null	null	Mm.5777
9886	7817	C79043	null	null	Mm.38261
10514	10566	C79123	null	null	null
13191	22569	C78943	null	null	Mm.27496
28468	41814	C78998	TC200024	null	Mm.28985
12488	9788	C79057	null	null	null
10959	10598	C79137	TC176044	null	Mm.28048
229125	335063	C80078	TC193113	null	Mm.25061
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6047	11029	C80202	null	null	null
39860	46831	C80280	TC200111	null	Mm.27453
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40043	53212	C80232	null	null	null
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12310	18168	C81621	TC176521	null	Mm.25117
12076	23601	C85104	TC175332	null	Mm.9563
12970	16862	C85183	TC163456	T-cell early activation protei	Mm.4676
0	0	C81530	null	null	null
4651	5039	C85055	TC189409	MJAM	Mm.25368
10635	12894	C85125	TC163719	null	Mm.34339
0	0	C85202	null	null	null
0	0	C78676	null	null	Mm.90252
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0	0	C78810	null	null	null
0	0	C78873	null	null	null
0	0	C78692	null	null	null
0	0	C78763	null	null	null
103307	56319	C78825	TC200684	null	Mm.28015
24947	19606	C78886	TC175316	null	Mm.26242
0	0	C79752	null	null	null

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174504	267095	C80004	null	null	Mm.27484
132783	774206	C79775	TC159636	alpha-globin	Mm.16820
79452	174536	C79855	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
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16839	18186	C81234	TC160979	null	Mm.6055
65202	130991	C81323	TC160441	null	Mm.29187
0	0	C81412	null	null	null
8834	9797	C81180	TC164653	null	Mm.6018
34821	39879	C81256	TC202850	null	Mm.32646
217390	274319	C81342	TC200340	EAT/MCL-1	Mm.1639
0	0	C81433	TC167667	null	null
0	0	C78929	TC161613	null	Mm.36077
75316	69050	C78987	TC158954	mitogen-induced	Mm.6403
20889	29037	C79047	TC161420	protein-tyrosine-phosphatase	Mm.587
0	0	C79127	null	null	null
0	0	C78947	TC157329	null	Mm.22578
17471	17757	C79058	TC161703	null	Mm.26609
0	0	C79139	null	null	null
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100403	154363	C80147	TC200146	hepatoma derived growth factor	Mm.1141
0	0	C80204	null	null	null
40516	44827	C80282	TC157417	null	Mm.16923
13235	20061	C80112	TC161126	ES18	Mm.29193
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0	0	C80236	null	null	null
26090	41081	C80308	TC187485	EXO70 protein	Mm.22530
0	0	C81510	TC199181	null	Mm.25115
68221	56315	C85044	TC164591	intestinal tyrosine kinase	Mm.4953
14273	15604	C85185	null	null	null
13865	21147	C81535	TC205458	null	Mm.103702
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0	0	C85204	null	null	null
66332	60124	C85887	TC164206	B-cell activating factor	Mm.28835
0	0	C85966	TC202278	null	Mm.23386
30619	23559	C86043	TC174648	null	Mm.34557
13628	16498	C86115	TC205731	null	Mm.28264
9867	13873	C85907	null	null	Mm.31289
21079	19794	C85992	TC189575	null	Mm.1984
18015	26115	C86063	TC187808	null	Mm.28241
0	0	C86141	null	null	Mm.12877
22334	25010	C87101	null	null	null
68521	67208	C87178	TC187166	reading frame interferon beta-	Mm.168
0	0	C87258	TC186553	AMP activated protein kinase	Mm.6670
77668	65827	C87347	TC176830	null	Mm.23831
3659	5405	C87115	null	null	null
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11186	27877	C87372	TC202512	null	Mm.18425
305090	519031	AU021740	TC158358	null	Mm.29825
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0	0	AU021880	null	null	Mm.26284
0	0	AU021958	null	null	Mm.103816
5681	10441	AU021755	null	null	null
10999	11593	AU021832	null	null	null
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2779367	2536216	C86376	TC162121	null	Mm.18783
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0	0	C87432	null	null	Mm.43908
5626	6057	C87513	null	null	Mm.34993
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0	0	C87647	TC201917	null	Mm.41769
0	0	C87446	null	null	null
0	0	C87530	null	null	null
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142691	208592	C87663	TC204341	BMP receptor	Mm.475
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0	0	AU022063	null	null	null
9784	10457	AU022137	null	null	Mm.35643
14164	19045	AU022215	null	null	Mm.26303
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0	0	C86044	null	null	null
19787	30893	C86123	TC161421	null	Mm.23939
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0	0	C85993	TC185666	null	Mm.25526
0	0	C86064	TC177675	growth factor ARC	Mm.25405
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0	0	C87259	TC209616	null	Mm.45353
0	0	C87348	null	null	null
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0	0	C87286	null	null	null
5694	9982	C87374	TC164519	null	Mm.35100
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0	0	C86380	null	null	Mm.25525
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11535	11577	C87581	null	null	Mm.25494
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10360	16998	C87606	TC165984	null	Mm.25452
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33783	42734	AU022056	null	null	null
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13166	17399	C85980	TC188350	dual specificity A-kinase anch	Mm.2969
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45018	42813	C86128	TC201308	null	Mm.9637
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20028	24803	AU021823	TC191199	null	Mm.22313
86151	130984	AU021886	null	null	Mm.29996
51080	63821	AU021967	TC201444	Nit protein 2	Mm.21473
14471	25981	AU021761	TC190682	null	Mm.22310
19243	19767	AU021836	null	null	Mm.26280
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167088	159184	AU021887	null	null	Mm.88019
25850	51751	AU021968	TC188757	null	Mm.35144
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7576	7979	AU021990	TC174609	null	Mm.36449
12892	9190	C86219	TC162109	neural tropomodulin N-Tmod	Mm.44216
27348	36107	C86292	TC187047	null	Mm.20354
9702	5065	C86373	TC164104	null	Mm.9845
47154	61176	C86434	TC162468	transcription regulator	Mm.15755
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0	0	C86319	TC185668	null	null
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56899	54084	AU022212	TC197175	null	Mm.26300
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19953	23846	AU022220	TC158421	null	Mm.26304
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42379	50724	AU021911	TC176073	null	Mm.31321
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38363	38853	C87660	TC191540	null	Mm.74706
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46582	35844	AU022221	null	null	null
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8752	12775	AU022767	null	null	null
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27715	37416	AU018285	TC174285	null	Mm.29112
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11231	14032	AU023057	null	null	Mm.1574
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65982	97436	AU024098	null	null	Mm.38720
0	0	AU024158	null	null	null
92281	119775	AU018392	TC162498	inhibitor of apoptosis protein	Mm.2026
184355	110565	AU018472	TC190332	null	Mm.7100
774099	839356	AU018549	TC159775	null	Mm.89170
68495	91237	AU018647	TC186827	mitogen-activated protein kin	Mm.1700
212474	233393	AU018409	TC200349	Rho family GTPase RhoA	Mm.757
30975	47441	AU018486	TC159672	null	Mm.34009
62502	61517	AU018581	null	null	null
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57554	87741	AU023806	TC162284	Rho-associated, coiled-coil co	Mm.6710
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15900	14504	AU024143	null	null	null
55768	64994	AU023970	TC200349	Rho family GTPase RhoA	Mm.757
9502	19056	AU024031	null	null	Mm.42302
10883	17292	AU024101	null	null	null
74949	73318	AU024159	TC161356	PRAJA1	Mm.8211
25045	43472	AU018397	TC157869	null	Mm.88340

186563	330960	AU018476	TC158296	null	Mm.16820
21472	22688	AU018552	TC193070	null	Mm.23186
7711	8980	AU018652	null	null	null
12316	15464	AU018411	TC176269	null	Mm.26110
16228	17462	AU018493	TC178554	null	Mm.26120
32685	34673	AU018587	null	null	Mm.26126
0	0	AU022778	null	null	Mm.11888
38715	47259	AU022829	TC157649	transcription factor S-II	Mm.87235
16451	21773	AU022882	null	null	null
9965	19962	AU022931	TC188478	null	Mm.27556
262950	258734	AU022792	TC203022	null	Mm.26540
0	0	AU022840	null	null	null
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0	0	AU022955	null	null	null
13199	11424	AU023738	TC164823	null	Mm.24029
20648	20071	AU023787	null	null	null
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7976	6550	AU023897	null	null	null
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10880	17256	AU023808	null	null	null
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187625	335746	AU024714	TC194919	null	Mm.35045
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0	0	AU024727	null	null	null
6467	11197	AU024782	null	null	null
0	0	AU018322	null	null	null
0	0	AU022999	null	null	null
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0	0	AU023209	TC188478	null	Mm.63544
142998	98518	AU023016	TC173985	null	Mm.28029
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36657	52573	AU023219	TC187480	null	Mm.27647
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16281	19536	AU024019	null	null	null
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0	0	AU024144	null	null	Mm.12060
70901	62569	AU023972	null	null	Mm.88061
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7829	6146	AU018412	null	null	Mm.24982
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6502	13374	AU018677	TC162290	null	Mm.89702
0	0	AU022784	null	null	null
0	0	AU022830	null	null	Mm.26336
5340	5531	AU022883	TC183551	null	Mm.103261
0	0	AU022932	null	null	null
0	0	AU022793	null	null	null
0	0	AU022848	null	null	null
7826	6426	AU022899	null	null	null
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6592	14116	AU023740	null	null	null
26480	41777	AU023793	TC176822	null	Mm.41058
14935	19072	AU023843	null	null	Mm.26394
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0	0	AU023004	null	null	Mm.26358
140601	93893	AU023071	TC173985	null	Mm.28029
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0	0	AU024149	TC160702	null	Mm.22314
19730	29555	AU023974	TC203088	null	Mm.17258
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0	0	AU022900	null	null	null
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31424	53418	AU023746	TC200853	ARNT interacting protein	Mm.27836
54289	89428	AU023795	TC176528	null	Mm.46184
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21813	23291	AU023756	null	null	null
15371	20563	AU023814	null	null	null
15775	15199	AU023863	null	null	null
7621	8946	AU023916	null	null	null
29097	33470	AU024680	null	null	Mm.12122
153782	132533	AU024718	null	null	null
9363	12481	AU024774	TC162783	null	Mm.31283
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11065	16115	AU024729	null	null	null
42361	42675	AU024794	null	null	null
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24872	31034	AU024026	TC177789	null	Mm.28210
12161	10753	AU024096	null	null	null
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0	0	AU019862	null	null	Mm.21882
11832	10396	AU019952	null	null	null
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8266	4543	AU019878	null	null	Mm.11567
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153016	199178	AU015574	TC174467	MMAC1	Mm.1591
0	0	AU015644	null	null	Mm.86592
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5345	7629	AU019497	null	null	null
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25909	46413	AU019621	null	null	null
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0	0	AU021018	null	null	null
0	0	AU021124	null	null	Mm.26249
10807	14162	AU021219	TC187102	tumor necrosis factor alpha co	Mm.27681
17321	21385	AU021341	TC201611	ADP-ribosylation factor-like p	Mm.12723
0	0	AU015216	null	null	Mm.103761
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7162	15750	AU015559	null	null	null
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13675	23317	AU015736	TC175462	null	Mm.44239
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76881	106244	AU019687	TC162019	null	Mm.6952
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6776	5702	AU021025	TC179487	null	Mm.17046
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59829	118168	AU020083	null	null	null
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5395	2403	AU021707	null	null	null
5421	5493	AU021448	TC196897	null	null
86793	93593	AU021534	TC187455	endonuclease-1	Mm.2952
15495	28372	AU021641	TC173105	null	Mm.63
13802	22225	AU014584	TC161539	null	Mm.25548
182746	274089	AU015566	null	null	Mm.28714
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0	0	AU015713	TC210810	null	Mm.15755
0	0	AU015809	null	null	Mm.89883
0	0	AU015581	null	null	null
12017	15145	AU015656	null	null	Mm.25927
0	0	AU015740	TC157420	null	Mm.35760
14859	18017	AU015826	TC163712	null	Mm.1314
3841	5278	AU019512	TC205818	null	Mm.26170
13988	15542	AU019613	TC190878	null	Mm.26175
45162	41249	AU019696	TC204068	null	Mm.27631
0	0	AU019796	null	null	null
7210	6556	AU019542	null	null	Mm.36204
0	0	AU019630	TC176173	null	Mm.23890
13991	18582	AU019726	null	null	Mm.26180
68380	183905	AU019816	TC164251	null	Mm.26186
9875	12174	AU021009	TC175111	cleavage and polyadenylation s	Mm.28790
48547	57867	AU021109	TC160030	Sid470p	Mm.27065
0	0	AU021210	TC178622	bHLH protein MesP2	Mm.31472
33514	40503	AU021327	TC162556	null	Mm.38198
0	0	AU021027	TC207897	null	Mm.86496
16210	13808	AU021136	TC159221	null	Mm.35506
31741	44628	AU021234	TC190593	null	Mm.26257
22977	42767	AU021358	TC173572	centromere protein A	Mm.6579
14578	17764	AU015227	TC158478	null	Mm.35830
13107	10169	AU015305	TC190106	null	Mm.27652
45287	64105	AU015435	TC201477	null	Mm.87638

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41605	54498	AU015235	TC187169	pre-B-cell colony-enhancing fa	Mm.28830
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15787	16640	AU015448	null	null	null
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0	0	AU021707	null	null	null
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0	0	AU021548	null	null	null
36555	42100	AU021642	TC202334	null	Mm.4142
14510	16040	AU014587	TC200652	null	Mm.12267
11920	15071	AU015632	null	null	Mm.25925
0	0	AU015723	null	null	Mm.25933
6706	14293	AU015812	null	null	null
11383	14867	AU015584	null	null	Mm.25922
172353	145521	AU015666	null	null	null
0	0	AU015741	null	null	null
28435	29184	AU015830	null	null	Mm.26519
26318	32140	AU019532	TC178051	null	Mm.24552
7085	4605	AU019616	TC161697	null	Mm.12454
0	0	AU019698	null	null	Mm.26178
10820	15882	AU019798	TC200972	null	Mm.21096
7126	10673	AU019545	TC163392	null	Mm.29006
7855	9949	AU019631	null	null	Mm.52304
46742	57965	AU019727	TC161897	null	Mm.27598
43695	47760	AU019822	TC188889	null	Mm.26506
47694	98646	AU021016	TC157604	M-TAXREB107	Mm.588
17190	24307	AU021114	TC174509	null	Mm.26765
35821	28260	AU021215	TC204826	null	Mm.26167
4690	6845	AU021335	null	null	null
10943	19667	AU021030	TC203629	Acyl-CoA synthetase 4	Mm.26894
0	0	AU021137	TC204483	Sox15	Mm.29387
36813	58066	AU021235	TC160948	null	Mm.28975
0	0	AU021366	TC201167	null	Mm.29960
15152	23969	AU015228	TC179101	null	Mm.24755
11856	9865	AU015309	null	null	Mm.25907
63629	98796	AU015436	TC176753	null	Mm.28424
18260	19913	AU015502	TC190163	null	Mm.89661
0	0	AU015247	null	null	null
108806	126262	AU015349	null	null	Mm.25311
18610	7539	AU015449	null	null	Mm.10998

5474	6384	AU015511	null	null	null
0	0	AU019877	TC176052	null	Mm.26189
10283	7026	AU019970	TC179111	null	Mm.26150
12216	14167	AU020094	TC202993	null	Mm.21250
17932	21581	AU020195	TC200184	null	Mm.23744
0	0	AU019912	null	null	Mm.26192
38045	46951	AU020006	TC201096	null	Mm.3012
28802	14686	AU020125	TC189875	null	Mm.28395
65951	39815	AU020215	TC159597	null	Mm.4071
0	0	AU021430	TC192996	mos ORF; putative	Mm.26262
0	0	AU021515	null	null	null
303558	207591	AU021629	TC173928	null	Mm.29869
31919	21769	AU014579	TC162934	null	Mm.27129
151941	93964	AU021456	null	null	Mm.4071
28435	21983	AU021551	TC173107	minopontin precursor (AA -66 t	Mm.321
0	0	AU021648	TC202681	protein tyrosine phosphatase e	Mm.945
0	0	AU014588	null	null	null
15503	10256	AU015571	null	null	Mm.27700
160434	132533	AU015637	TC191918	null	Mm.28727
31274	21625	AU015727	null	null	Mm.11030
15671	7936	AU015814	null	null	Mm.36005
24375	19002	AU015585	TC203582	null	Mm.43232
0	0	AU015667	null	null	null
280856	389635	AU015744	TC163889	null	Mm.27946
0	0	AU015832	TC206016	null	Mm.35029
7407	9759	AU016463	null	null	Mm.103772
7522	11077	AU016527	null	null	null
9042	7553	AU016608	TC174540	null	Mm.29917
0	0	AU016692	TC202361	null	Mm.12148
9650	16329	AU016473	TC187754	reproduction 8	Mm.29301
0	0	AU016561	null	null	null
0	0	AU016622	null	null	Mm.25993
11121	10391	AU016718	null	null	null
37804	40123	AU017677	null	null	Mm.26059
43635	64096	AU017745	TC161587	null	Mm.12705
48038	133605	AU017822	TC200259	null	Mm.4290
2780	5914	AU017902	TC157916	null	Mm.28323
8668	8861	AU017692	TC190205	P-selectin glycoprotein ligand	Mm.22173
16681	24031	AU017844	null	null	null
21615	35359	AU017911	TC162050	null	Mm.27848
21857	37044	AU040633	null	null	null
70135	92110	AU040729	TC201707	null	Mm.18847
53150	52656	AU040786	TC162963	null	Mm.7852
15542	14845	AU040846	TC174382	TBPIP	Mm.628
129929	169756	AU040651	TC161087	null	Mm.10460
14002	17642	AU040745	TC163411	null	Mm.24634
32652	60732	AU040804	TC187456	secreted cement gland protein	Mm.7244
31737	32416	AU040867	TC187464	retinoblastoma binding protein	Mm.24216
13462	10434	AU016764	null	null	null
0	0	AU016830	null	null	Mm.26010
12311	14580	AU016911	TC174019	null	Mm.28265

12145	11622	AU016998	TC189105	null	Mm.23843
0	0	AU016778	TC199038	null	null
0	0	AU016851	null	null	Mm.43987
8359	11593	AU016932	null	null	null
7353	6752	AU017013	null	null	null
0	0	AU017969	null	null	null
13115	16267	AU018027	null	null	null
5327	5279	AU018093	null	null	null
6983	7283	AU018158	null	null	null
9172	17155	AU017984	TC200899	null	Mm.28285
48341	72610	AU018041	TC160507	null	Mm.28052
61229	123383	AU018118	TC186566	DN38	Mm.3797
15540	19798	AU018180	TC189743	null	Mm.24157
14051	7500	AU040926	null	null	null
0	0	AU041007	null	null	null
23154	44052	AU041109	TC187063	null	Mm.29860
8516	11314	AU041181	null	null	null
0	0	AU040948	null	null	null
0	0	AU041031	null	null	Mm.17583
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36516	43915	AU041196	TC186476	null	Mm.21724
0	0	AU016464	TC164806	null	Mm.24783
18707	20037	AU016530	TC200461	null	Mm.28492
0	0	AU016609	null	null	Mm.25992
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0	0	AU016476	null	null	Mm.11127
0	0	AU016562	null	null	Mm.25991
0	0	AU016637	null	null	Mm.26223
3374	3511	AU016720	TC206572	null	null
6700	8749	AU017678	null	null	Mm.26060
0	0	AU017751	null	null	null
0	0	AU017824	null	null	null
0	0	AU017905	null	null	null
18686	16881	AU017694	TC174753	null	Mm.12654
0	0	AU017769	TC189963	null	Mm.46241
7123	5818	AU017845	TC190978	null	Mm.26071
0	0	AU017913	TC163662	null	Mm.11346
56785	60792	AU040639	TC160293	null	Mm.34832
105127	124686	AU040735	TC160050	null	Mm.21156
17896	20393	AU040787	TC163165	null	Mm.18526
28485	26018	AU040848	TC204551	null	Mm.70065
42304	43458	AU040653	TC168109	null	Mm.45893
63403	81384	AU040750	null	null	Mm.69064
3681	4197	AU040809	TC176195	null	Mm.30506
45131	58967	AU040871	TC162032	null	Mm.29589
0	0	AU016765	TC170337	null	Mm.11170
53054	46946	AU016832	TC187409	null	Mm.11182
16339	12744	AU016919	null	null	Mm.104594
122916	181561	AU016999	TC173296	null	Mm.11204
10823	11650	AU016784	null	null	Mm.9086
196365	139866	AU016852	TC200271	antizyme inhibitor	Mm.6775

26028	27203	AU016934	TC212658	null	Mm.83618
5871	11892	AU017015	null	null	null
0	0	AU017971	null	null	Mm.26081
0	0	AU018028	TC177754	cytosine-5-methyltransferase 3	Mm.13433
39865	53241	AU018094	TC190293	null	Mm.27042
109630	90357	AU018168	TC173613	null	Mm.27660
22858	19520	AU017986	TC190296	null	Mm.27574
31812	57007	AU018045	null	null	null
51004	82401	AU018122	TC202848	null	Mm.26089
10963	13734	AU018181	TC189895	null	Mm.25843
58109	64710	AU040927	null	null	Mm.17577
0	0	AU041012	null	null	null
148414	182239	AU041113	TC175908	null	Mm.13758
0	0	AU041183	null	null	null
14637	15141	AU040949	TC188337	null	Mm.28712
16049	27966	AU041033	null	null	null
0	0	null	null	null	null
0	0	AU016466	null	null	Mm.11125
23208	32693	AU016534	TC187320	null	Mm.29731
7956	8412	AU016610	TC202601	null	Mm.24738
7254	9760	AU016701	TC176691	null	Mm.35676
51211	56420	AU016480	null	null	Mm.265
9866	9387	AU016565	TC180825	null	null
9888	13073	AU016642	TC205134	null	Mm.22466
0	0	AU016721	null	null	Mm.12341
16793	24157	AU017753	TC203436	null	Mm.25725
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0	0	AU017906	null	null	null
0	0	AU017698	null	null	Mm.26061
0	0	AU017772	null	null	null
0	0	AU017847	TC205044	null	Mm.25866
8106	17689	AU017914	TC187403	null	Mm.100289
386500	370011	AU040642	TC173223	cytochrome c oxidase subunit I	Mm.2136
46555	60610	AU040736	null	null	Mm.37832
18780	25497	AU040788	TC201263	carbonyl reductase	Mm.21454
34814	32692	AU040850	TC191430	null	Mm.26809
28134	36461	AU040655	null	null	null
12486	17355	AU040751	TC190990	null	Mm.44076
65077	127143	AU040873	null	null	null
0	0	AU016768	TC163663	null	Mm.11171
27073	26872	AU016837	TC187246	null	Mm.35465
49288	53451	AU016921	TC189633	null	Mm.27457
5853	19484	AU017004	TC159678	cyclin ania-6a	Mm.10706
5714	6394	AU016790	TC158423	null	Mm.27194
4763	8066	AU016854	TC197066	null	Mm.40532
0	0	AU016938	null	null	Mm.26020
34804	38596	AU017017	TC174840	UCR-motif DNA binding protein	Mm.3868
13725	24584	AU017975	TC187623	intersectin-EH binding protein	Mm.10754
29316	45784	AU018029	TC163595	cbp146	Mm.23864
71565	73588	AU018104	TC205250	null	Mm.26088
10832	11354	AU018173	TC176248	null	Mm.23788

93261	102100	AU017987	TC160533	null	Mm.30166
0	0	AU018046	null	null	Mm.26085
0	0	AU018124	TC197196	null	Mm.26090
5332	9680	AU018183	TC158492	null	Mm.27536
0	0	AU040933	null	null	null
11649	11918	null	null	null	null
13555	15902	AU041120	TC178393	unnamed protein product	null
21673	27091	AU041188	TC175374	null	Mm.18550
7053	12435	AU040950	TC174077	null	Mm.17580
17042	20958	AU041035	null	null	null
0	0	AU041136	null	null	null
17339	31752	null	null	null	null
0	0	AU016467	null	null	Mm.11126
0	0	AU016538	null	null	null
11820	18911	AU016616	TC177818	null	Mm.21900
0	0	AU016705	TC179081	null	Mm.74653
59314	82161	AU016482	TC173510	translation initiation factor	Mm.3941
9142	14320	AU016566	TC180998	null	Mm.96601
0	0	AU016647	TC206136	null	Mm.25997
0	0	AU016722	null	null	null
115083	133127	AU017686	TC186408	unnamed protein product	Mm.97794
11924	18365	AU017756	null	null	Mm.88427
13241	12019	AU017834	null	null	Mm.11321
0	0	AU017908	TC177825	null	Mm.23114
17458	32267	AU017699	TC158395	null	Mm.28726
11660	17131	AU017777	null	null	null
6487	5593	AU017849	TC203684	null	Mm.26072
17055	20940	AU017917	null	null	Mm.26073
31751	41134	AU040643	TC174158	null	Mm.20246
654979	882700	AU040737	TC200237	X box binding protein-1; XBP-1	Mm.22718
20881	43092	null	null	null	null
57552	72880	AU040856	null	null	Mm.17572
27706	33440	AU040657	null	null	null
20805	28897	AU040753	null	null	Mm.17563
58032	72947	AU040813	TC160959	null	Mm.28899
21775	26375	AU040876	null	null	null
0	0	AU016770	TC189994	null	Mm.29654
4278	8474	AU016839	TC203804	null	Mm.26012
0	0	AU016926	TC210852	null	Mm.13504
15832	19609	AU017006	TC160598	bromodomain-containing FSH-lik	Mm.28721
12754	19129	AU016791	null	null	null
12045	19583	AU016859	null	null	Mm.42524
0	0	AU016940	null	null	null
0	0	AU017018	null	null	null
110351	122003	AU017980	TC174645	p58	Mm.12616
17210	18283	AU018035	null	null	null
39094	124395	AU018106	null	null	null
216677	166575	AU018175	TC173952	null	Mm.12983
26926	38845	AU017990	TC171333	null	Mm.26083
7206	12059	AU018047	null	null	Mm.26086
163873	388886	AU018130	TC200595	null	Mm.30119

26167	36666	AU018185	TC201220	null	Mm.29588
13630	21469	AU040942	TC206915	null	Mm.31582
26316	27978	AU041018	null	null	null
8978	8389	AU041124	null	null	null
10325	15833	AU041190	TC200959	red-1	Mm.27915
2942	3940	AU040952	TC170284	null	null
12694	18412	AU041042	TC188912	null	Mm.38495
1810139	1291032	AU041137	TC174199	null	Mm.27747
162458	331970	AU041202	TC160420	contains transmembrane (TM) re	Mm.29870
0	0	AU016470	TC176849	null	Mm.26897
0	0	AU016539	null	null	null
22320	16987	AU016617	TC187170	null	Mm.28336
0	0	AU016711	TC188567	null	Mm.24125
0	0	AU016483	TC161445	ATP-binding cassette protein	Mm.21629
8839	15418	AU016568	null	null	null
0	0	AU016649	null	null	null
6598	8398	AU016724	null	null	Mm.56803
23458	31501	AU017688	TC177354	null	Mm.29384
0	0	AU017758	null	null	null
17584	20067	AU017835	TC187977	null	Mm.24575
13222	21062	AU017909	TC177865	null	Mm.12522
28097	32675	AU017705	TC186458	null	Mm.30175
31176	43536	AU017779	TC201836	null	Mm.25118
9617	9128	AU017850	null	null	null
23566	19188	AU017918	null	null	Mm.86367
30459	79631	AU040647	TC176697	null	Mm.23352
144791	228512	AU040801	TC187383	rer	Mm.30234
26750	36516	AU040858	null	null	null
13803	19213	AU040660	null	null	Mm.17557
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16921	21492	AU040816	TC203296	null	Mm.41439
21613	30817	AU040881	TC190672	null	Mm.17573
0	0	AU016773	TC208614	null	Mm.26003
46248	73790	AU016841	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
0	0	AU016929	null	null	Mm.100153
0	0	AU017011	null	null	null
0	0	AU016799	null	null	null
42319	28318	AU016860	TC203112	null	Mm.26935
7945	9403	AU016942	null	null	null
25915	45704	AU017028	TC161108	null	Mm.29748
11060	16522	AU017982	null	null	Mm.26082
14343	19142	AU018037	TC197197	null	Mm.26084
10649	11237	AU018113	null	null	null
5864	8276	AU018177	null	null	null
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0	0	AU018049	TC194949	null	Mm.16974
39035	49814	AU018131	TC162632	null	Mm.34360
162735	152885	AU018187	TC174065	unknown	Mm.23943
7467	11396	AU040943	TC187791	null	Mm.17579
4266	7078	AU041025	null	null	null
24536	34513	AU041125	null	null	Mm.17617

77360	125126	AU041192	TC159878	Id2 protein	Mm.1466
4516	5980	AU040953	TC208960	null	null
44506	49075	AU041048	TC161588	null	Mm.2830
113386	211410	AU041141	TC186634	null	Mm.40849
24205	28425	AU041204	TC175663	Ser/Thr kinase KKIAMRE-delta	Mm.18133
0	0	AU016471	null	null	null
0	0	AU016557	null	null	null
0	0	AU016621	TC191123	null	Mm.40259
0	0	AU016716	null	null	null
3863	5277	AU016487	TC200398	UBE-1c2	Mm.42795
18808	18378	AU016573	TC202183	SAP102	Mm.4615
0	0	AU016650	TC175207	null	Mm.69051
24754	24077	AU016725	TC160924	zinc transporter like 1	Mm.28851
10198	9436	AU017691	null	null	Mm.31441
39119	46385	AU017760	null	null	null
65041	69086	AU017839	TC203645	null	Mm.22102
18415	20367	AU017910	null	null	Mm.13803
333254	316819	AU017706	null	null	null
185145	329845	AU017781	TC160263	null	Mm.21126
13429	14007	AU017855	null	null	null
9805	12646	AU017922	null	null	null
18774	24580	AU040648	null	null	Mm.3010
716160	517307	AU040743	TC173290	TSC-22	Mm.20927
563873	1318664	AU040803	TC189107	calcium binding protein D-9k;	Mm.6891
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23713	28965	AU040661	null	null	null
138993	195730	AU040757	TC186742	intracellular chloride channel	Mm.22409
17875	18945	AU040818	TC199646	null	Mm.38687
11753	11665	AU040885	null	null	null
33851	49378	AU016777	TC161666	NADPH-cytochrome P450 oxidored	Mm.3863
7256	8416	AU016846	TC176332	granuphilin-b	Mm.38674
38789	35533	AU016931	TC203345	null	Mm.26019
16852	20134	AU017012	TC172588	null	null
0	0	AU016805	TC162045	NG29	Mm.11175
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30326	48274	AU016947	null	null	Mm.4480
0	0	AU017030	TC200874	laminin B2 (AA 1-217)	Mm.1249
53673	54710	AU017983	TC191413	null	Mm.33148
0	0	AU018039	null	null	Mm.11342
31850	29546	AU018114	null	null	Mm.35906
9069	14432	AU018179	null	null	Mm.43884
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29769	26668	AU018050	TC178046	null	Mm.25018
0	0	AU018133	TC190080	null	Mm.26092
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0	0	AU040946	null	null	Mm.11742
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13227	11774	AU041054	TC191198	null	Mm.22107

93002	116993	AU041152	TC161415	null	Mm.27711
43628	40199	AU041213	TC174836	null	Mm.93213
149599	145199	AU043785	TC187412	null	Mm.28142
21723	32490	AU043910	TC210433	null	Mm.17838
17025	21468	AU044007	TC157767	null	Mm.24729
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0	0	AU044114	TC164464	null	Mm.28129
60865	66122	AU045525	TC163918	null	Mm.17858
0	0	AU045672	TC166929	null	Mm.17865
33949	62331	AU045797	TC174844	null	Mm.4907
16419	14671	AU045930	TC177058	null	Mm.29197
277680	273786	AU045568	TC161475	null	Mm.28211
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18834	29626	AU045843	TC205924	null	Mm.18073
87641	97616	AU045944	TC201475	null	Mm.17811
15657	19630	AU042156	TC175739	null	Mm.17156
0	0	AU042241	null	null	Mm.17648
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10378	18733	AU042408	TC160598	bromodomain-containing FSH-lik	Mm.28721
0	0	AU042185	TC177980	null	Mm.32900
20038	27650	AU042259	null	null	Mm.17650
27955	33942	AU042347	TC163868	null	Mm.28942
4928	7123	AU042435	null	null	null
43250	71407	AU044228	null	null	Mm.17784
186934	257782	AU044337	null	null	Mm.20847
148911	190214	AU044431	TC160851	potassium channel modulatory f	Mm.37968
3512	6858	AU044571	null	null	null
20223	25242	AU044268	TC161327	phosphatidylserine synthase-1	Mm.9440
0	0	AU044362	null	null	null
26009	24756	AU044455	TC165162	ooplasm specific protein	Mm.11741
108136	157194	AU044591	TC163735	protein tyrosine phosphatase	Mm.14844
31260	39297	AU046024	TC162232	null	Mm.19003
7809	9734	AU046183	null	null	null
106943	158055	AU041373	TC160556	null	Mm.18810
15048	18791	AU041460	TC211222	null	null
14067	23727	AU046071	TC204168	null	Mm.26648
38626	33633	AU046213	TC188130	null	Mm.29138
21964	21295	AU041403	TC176607	null	Mm.36417
14030	19580	AU041482	TC160766	null	Mm.27737
31847	39920	AU042495	null	null	Mm.17669
55819	59338	AU042565	TC162921	EHM2	Mm.28217
8276	12850	AU042662	null	null	null
26864	31554	AU042755	TC187371	null	Mm.27152
12586	11450	AU042516	TC210803	Brachyury the second	Mm.12880
6583	10716	AU042595	TC161076	null	Mm.27964
6602	10443	AU042680	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
19566	19569	AU042794	null	null	null
7967	8139	AU043787	TC202102	null	Mm.29342
39146	56317	AU043911	TC186812	null	Mm.6476

0	0	AU044012	null	null	Mm.26868
0	0	AU044086	null	null	Mm.17776
14384	25356	AU043829	TC201572	L23 mitochondrial-related prot	Mm.12144
11135	11416	AU043928	null	null	Mm.17768
6723	5477	AU044028	TC177938	null	Mm.17773
269542	265839	AU045526	TC160639	null	Mm.41297
0	0	AU045678	TC163124	null	Mm.19090
82230	104409	AU045824	TC189466	null	Mm.17873
17638	22660	AU045931	TC175735	null	Mm.18496
7916	9524	AU045570	TC208417	null	Mm.17861
64825	85957	AU045698	null	null	Mm.28489
49786	82421	AU045845	TC158244	14-3-3 theta protein	Mm.14722
0	0	AU045953	null	null	null
19124	21356	AU042162	TC176585	high affinity IgE receptor gam	Mm.22673
19486	37878	AU042249	null	null	Mm.4871
0	0	AU042336	null	null	null
7013	10568	AU042410	null	null	Mm.17662
39255	44085	AU042200	TC190729	null	Mm.18534
8585	176020	AU042260	TC162895	complement factor I	Mm.4322
4702	10276	AU042348	TC195595	null	null
2185527	2421253	null	null	null	null
28289	37971	AU044237	null	null	Mm.17785
49118	57290	AU044339	null	null	Mm.17790
588584	734613	AU044440	TC157623	protein phosphatase 2A B'alpha	Mm.18100
317029	649211	AU044574	TC200021	null	Mm.43749
19930	27037	AU044271	TC190446	null	Mm.18549
34239	49078	AU044364	TC190491	ZP3 precursor	Mm.1381
19875	30424	AU044458	null	null	Mm.26872
8868	11873	AU044592	TC186947	null	Mm.22653
33603	36667	AU046028	TC159131	null	Mm.21129
0	0	AU046184	TC163691	null	Mm.27980
3410	7160	AU041374	null	null	null
74584	131151	AU041461	TC200162	null	Mm.23
11884	12500	AU046079	null	null	null
26669	35219	AU046228	TC174378	null	Mm.35618
40629	67975	AU041405	null	null	Mm.104642
8154	10196	AU041483	TC176242	null	Mm.17807
11812	13288	AU042498	TC160200	GDNF receptor beta	Mm.18758
15301	11431	AU042578	null	null	null
22394	29271	AU042665	TC203240	null	Mm.492
100512	131249	AU042767	TC200267	V-1 protein	Mm.4143
14410	28990	AU042518	null	null	Mm.18603
70824	170193	AU042596	TC202452	null	Mm.18254
56622	162474	AU042681	TC160410	serum and glucocorticoid-regul	Mm.28405
229900	293855	AU042799	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
8475	10318	AU043798	TC173937	null	Mm.28010
0	0	AU043915	TC201005	null	Mm.18485
9303	15023	AU044013	TC161224	guanylate binding protein	Mm.5057
0	0	AU044087	TC165534	null	Mm.17834
0	0	AU043832	TC160865	null	Mm.2275
2947	4815	AU043931	null	null	null

0	0	AU044029	null	null	null
27734	25019	AU044134	null	null	null
17165	26304	AU045536	TC161883	nuclear transcriptional repres	Mm.6822
0	0	AU045680	TC202782	null	Mm.5915
0	0	AU045826	null	null	Mm.104621
0	0	AU045932	null	null	Mm.17879
3217	4419	AU045582	null	null	null
47007	72033	AU045704	TC187743	null	Mm.27223
47039	60594	AU045850	TC160511	null	Mm.27649
29609	29340	AU045956	TC174606	BMAL1b	Mm.12177
13444	23119	AU042163	null	null	null
19139	33884	null	null	null	null
29311	32060	AU042338	TC161241	H2-M alpha chain	Mm.16373
23178	40688	AU042414	null	null	null
0	0	AU042201	null	null	null
52569	45064	AU042273	TC200916	null	Mm.28794
0	0	AU042349	null	null	null
37370	36912	AU042440	TC161548	null	Mm.28040
38921	54971	AU044244	TC178523	null	Mm.25938
86263	103579	AU044341	TC163466	null	Mm.7836
47852	65767	AU044443	TC188961	null	Mm.21344
24096	27148	AU044576	null	null	null
240930	242905	AU044272	null	null	Mm.88572
28829	52418	AU044365	null	null	null
105623	186414	AU044470	TC183553	null	Mm.18359
93810	110938	AU044597	TC176433	Wrn protein	Mm.10041
56405	83988	AU046034	TC189822	null	Mm.18998
21330	32939	AU046189	TC202903	null	Mm.23921
46266	254977	AU041376	TC158807	insulin-like growth factor bin	Mm.22248
13252	18493	AU041465	null	null	Mm.22351
16141	22858	AU046084	null	null	Mm.17824
9294	15678	AU046250	null	null	Mm.17895
9372	12293	AU041407	TC203437	null	Mm.23122
22968	26961	AU041484	TC188484	null	Mm.1182
12548	11471	AU042506	TC183570	null	Mm.17685
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11295	20831	AU042666	TC163091	null	Mm.25659
119930	138220	AU042772	TC187479	null	Mm.18539
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8050	14315	AU042685	TC190653	null	Mm.17993
0	0	AU042801	null	null	Mm.17692
12353	19771	AU043814	null	null	Mm.17758
0	0	AU043916	TC164064	null	Mm.17766
19101	32269	AU044014	TC163543	null	Mm.28431
39216	65547	AU044097	TC208842	null	Mm.17780
9675	12973	AU043833	null	null	Mm.26866
28403	40309	AU043933	null	null	Mm.5289
237472	215391	AU044032	TC157787	lysophospholipase I	Mm.90115
18587	23904	AU044156	TC181556	null	null
65671	59972	AU045541	null	null	null

20122	28098	AU045688	TC191762	natural killer cell BY55 precu	Mm.11526
57996	86684	AU045830	null	null	Mm.26896
25325	44041	AU045934	TC202883	NIK	Mm.987
35931	37014	AU045585	TC160338	null	Mm.26925
20712	35982	AU045715	TC161043	LIM kinase 2	Mm.42927
28612	44173	AU045852	TC202219	null	Mm.19135
21462	33954	AU045965	TC174063	null	Mm.29379
318342	545192	AU042168	null	null	Mm.1574
14767	15616	AU042250	null	null	null
13603	20342	AU042340	TC206126	null	Mm.88314
179037	155753	AU042417	TC202186	null	Mm.28131
0	0	AU042204	null	null	null
10660	13463	AU042278	null	null	null
0	0	AU042350	TC177372	surfactant protein D	Mm.1321
558705	807696	AU042441	TC160014	hepatocyte growth factor activ	Mm.26835
27939	58939	AU044245	TC200592	null	Mm.3856
100749	190628	AU044347	TC202207	intestinal-enriched Kruppel-li	Mm.30262
38769	62280	AU044447	null	null	null
511737	818254	AU044579	TC186557	null	Mm.29057
8181	4206	AU044274	null	null	null
36432	62395	AU044371	TC181778	null	Mm.31603
73698	75015	AU044479	TC190194	HS1 binding protein 3	Mm.41098
140159	144621	AU044598	TC162118	golgin-245	Mm.10409
18132	18004	AU046047	null	null	Mm.17883
14849	14448	AU046196	TC201544	null	Mm.37397
11485	12421	AU041379	TC157800	TIM22 preprotein translocase	Mm.18803
75278	61844	AU041468	TC204160	null	Mm.9772
14638	23469	AU046087	null	null	Mm.17886
19792	29199	AU046252	null	null	Mm.35835
29710	30720	AU041408	null	null	null
69775	81194	AU041488	TC174165	null	Mm.10285
102420	155774	AU042507	null	null	Mm.24232
21164	24911	AU042581	null	null	Mm.26839
51494	56589	AU042671	TC174462	null	Mm.28290
57209	56490	AU042774	TC175360	syntaxin 13-interacting protei	Mm.26603
0	0	AU042522	TC206603	null	Mm.25970
26989	41778	AU042601	null	null	Mm.17674
0	0	AU042686	null	null	null
28349	36042	AU042804	null	null	null
10684	8962	AU043820	TC187742	null	Mm.26700
0	0	AU043920	TC178937	null	null
29522	41749	AU044017	TC174371	type IIb Na/phosphate-cotransp	Mm.3786
34525	48326	AU044106	TC200350	mDj3	Mm.29186
12722	23153	AU043837	TC157675	spindlin	Mm.42193
0	0	AU043934	TC190539	null	Mm.24760
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64771	122214	AU044162	TC158296	null	Mm.16820
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53085	85712	AU045858	TC188326	null	Mm.27142
23735	34866	AU045966	null	null	null
221122	418164	AU042170	TC159754	heat stable antigen	Mm.6417
39089	51100	AU042254	null	null	null
11936	11028	AU042345	TC176226	null	Mm.40008
12989	14209	AU042426	null	null	null
19785	19058	AU042205	null	null	null
11830	15346	AU042281	TC158585	TAFI48 protein	Mm.39081
25741	37940	AU042353	TC174985	null	Mm.26833
56578	65087	AU042442	TC173936	heme oxygenase-2b	Mm.710
38508	51579	AU044255	TC162309	ENP	Mm.27485
27737	31859	AU044357	TC179016	null	null
182508	223787	AU044451	null	null	Mm.22660
44124	45029	AU044581	TC181190	null	Mm.17803
189278	237767	AU044281	TC160907	null	Mm.22252
21560	26607	AU044374	null	null	null
390388	373627	AU044483	null	null	Mm.17797
70735	115084	AU044600	null	null	null
23401	29414	AU046055	null	null	Mm.88606
23251	36664	AU046197	TC162546	null	Mm.28050
10503	18321	AU041386	TC166767	null	null
11439	14532	AU041474	TC207100	null	Mm.17644
200894	175935	AU046091	TC162279	null	Mm.27673
41397	68757	AU046259	TC186855	homolog of human SYT	Mm.4296
16063	24556	AU041413	TC203165	null	Mm.40601
35785	47696	null	null	null	null
10846	15915	AU042508	null	null	Mm.36597
124676	136887	AU042584	TC160647	null	Mm.10160
13785	18656	AU042676	null	null	null
11046	13106	AU042776	null	null	Mm.26843
0	0	AU042524	null	null	null
41345	54005	AU042607	TC191546	null	Mm.17675
17235	23351	AU042689	null	null	null
14676	23621	AU042805	TC163820	null	Mm.19009
8602	15364	AU043824	null	null	Mm.31600
18154	15645	AU043921	null	null	null
99274	137231	AU044022	TC200768	hypothetical protein	Mm.43017
8850	11731	AU044112	TC188352	null	Mm.23819
15490	11472	AU043840	TC159010	probable nocturnin protein	Mm.42187
2504	4268	AU043936	null	null	null
19111	17632	AU044036	TC202670	null	Mm.28807
0	0	AU044169	null	null	Mm.103854
21273	28229	AU045554	null	null	null
16468	23442	AU045692	null	null	Mm.42538
58857	78278	AU045838	TC202926	null	Mm.17875
23761	32067	AU045939	TC178162	null	Mm.20593
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267814	244154	AU045725	TC190384	null	Mm.24413
29176	31934	AU045859	TC200644	null	Mm.27339

36728	40962	AU045967	null	null	null
28565	23128	AU042183	null	null	null
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38075	53065	AU042346	TC188187	null	Mm.18819
119020	152570	null	null	null	null
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22746	26941	AU042357	TC193155	null	Mm.26844
28882	39802	AU042444	null	null	Mm.103847
117635	130664	AU044263	TC187618	F-box protein FBA	Mm.18616
228851	197425	AU044361	TC175142	null	Mm.28056
137793	131611	AU044452	TC159856	nitrilase 1	Mm.12915
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42443	49684	AU044285	TC188441	null	Mm.17796
534423	420723	AU044379	TC173114	ARL-6 interacting protein-1	Mm.29924
298574	336281	AU044498	TC157686	BAP37	Mm.36241
37074	38242	AU044605	null	null	Mm.17805
138292	154873	AU046061	TC201367	null	Mm.423
52033	46231	AU046200	TC202731	null	Mm.28859
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0	0	AU046108	TC190839	null	Mm.17217
6543	5432	AU046266	null	null	Mm.17896
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66227	67588	AU041504	TC188659	null	Mm.28651
289047	208651	AU042511	TC187533	purine nucleoside phosphorylas	Mm.17932
0	0	AU042586	TC167327	null	Mm.17673
21325	22528	AU042679	TC177560	null	Mm.19051
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6994	14185	AU042690	null	null	null
10792	15123	AU042806	null	null	null
50743	55427	AW546245	null	null	null
45015	294788	AW546331	TC177606	L-glutamate decarboxylase	Mm.3536
17725	27402	AW546409	TC173198	null	Mm.21803
79129	119674	AW546486	TC161624	null	Mm.27500
14289	13739	AW546268	null	null	null
28997	32169	AW546352	TC159038	null	Mm.25665
76149	87338	AW546427	TC161635	null	Mm.100626
28697	28485	AW546508	TC203909	null	Mm.22370
27301	31739	AW547599	TC176530	null	Mm.86663
34466	46471	AW547688	TC197704	null	Mm.102840
90622	86650	null	null	null	null
8186	13846	null	null	null	null
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47348	66429	AW547866	TC158407	modifier 1	Mm.29055
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0	0	null	null	null	null
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16301	26329	AW546789	TC174607	null	Mm.31526
39046	40841	AW548055	null	null	null
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3109	4450	null	null	null	null
28245	205015	AW548342	null	null	Mm.2329
0	0	AW548069	TC173495	selenoprotein W	Mm.42829
187150	203545	AW548173	null	null	null
234172	249297	AW548258	TC201819	prolyl 4-hydroxylase alpha(I)-	Mm.2212
106495	178863	AW548354	TC200020	elongation factor 1-beta homol	Mm.2718
29242	40561	AW549549	TC157419	null	null
65260	83449	AW549671	TC175218	null	Mm.34678
33151	37094	AW549739	TC160246	null	Mm.21145
626292	444356	AW549855	null	null	Mm.1779
43692	51785	AW549586	null	null	null
99015	141979	AW549685	TC159827	Pr22	Mm.28479
19199	24850	AW549773	null	null	Mm.102899
23382	21989	AW549865	TC213311	null	Mm.102904
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53753	70944	AW546339	TC160839	null	Mm.51130
12619	49985	AW546412	null	null	null
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0	0	AW546271	null	null	null
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70570	208883	AW549240	TC186751	TGF-beta-inducible protein	Mm.22763
127899	182590	AW549360	TC173371	HRS	Mm.43331
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2738	5584	AW549153	TC175204	null	Mm.7778
69704	102239	AW549267	TC190005	null	Mm.34492
43695	60774	AW549381	TC173207	guanine nucleotide dissociatio	Mm.5236

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25903	45520	AW546749	TC188768	36 kD protein	Mm.18347
65559	82437	AW546840	TC175054	null	Mm.78312
78790	134688	AW546603	null	null	null
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38475	54602	AW548242	null	null	Mm.1653
15361	16983	AW548343	TC188874	tyrosine phosphatase	Mm.3414
16365	24987	AW548072	TC174698	null	Mm.11075
8725	9572	AW548182	null	null	null
262611	503430	AW548260	TC188550	null	Mm.22315
77551	304334	AW548357	TC159085	viral envelope like protein	Mm.22506
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95939	146222	AW549672	TC191238	mszf39	Mm.14812
72906	93453	AW549747	TC201477	null	Mm.87638
14028	22767	AW549857	null	null	Mm.102902
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215967	494809	AW549687	null	null	Mm.16820
37023	57597	null	null	null	null
177168	360699	AW549867	null	null	null
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80658	149757	AW546488	TC187132	null	Mm.30145
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32314	36656	AW546356	null	null	null
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223279	264257	AW549363	TC157353	null	Mm.35296
45643	62872	AW551583	TC175276	null	Mm.23543
19135	27184	null	null	null	null
25430	36324	AW549269	TC166726	null	Mm.35240
20923	32352	AW549388	TC164636	null	Mm.87637
17519	29895	AW549480	TC188828	proteoglycan PG-M(V3)	Mm.4575
43997	61505	AW546675	null	null	null
5728	6212	AW546752	null	null	null
114894	123364	AW546604	TC186778	null	Mm.28853

230861	247539	AW546696	TC190408	null	Mm.31826
0	0	null	null	null	null
6777	14440	AW548068	TC159533	y2-globin	Mm.35830
52218	83480	AW548154	TC188046	null	Mm.18249
39931	56133	AW548250	TC187437	null	Mm.43939
210527	463534	AW548345	TC192626	null	Mm.89391
9789	25123	AW548074	TC187363	null	Mm.3094
120560	204985	AW548188	TC187231	null	Mm.30163
224924	261749	AW548270	TC200106	alpha tropomyosin	Mm.646
0	0	AW548360	TC193223	null	Mm.102860
8916	13703	AW549561	TC206391	null	null
90440	166508	AW549677	TC163294	null	Mm.35087
676303	720819	AW549756	TC173796	sid23p	Mm.28919
55676	61517	AW549859	TC175530	null	Mm.27965
28126	36091	AW549588	TC174286	null	Mm.24161
27723	41501	AW549689	TC159116	null	Mm.35006
7433	11849	AW549775	null	null	Mm.102900
100346	273918	AW549872	TC190938	the murine homolog of receptor	Mm.9010
119657	249944	AW546253	null	null	Mm.1139
22417	21590	AW546342	TC176066	null	Mm.78002
0	0	AW546414	TC167208	null	Mm.102811
76938	121335	AW546490	null	null	Mm.102812
344733	742304	AW546273	TC186373	Mus musculus ribosomal protein	Mm.30806
85173	89937	null	null	null	null
341509	505281	AW546437	TC173197	rabkinesin-6	Mm.4566
31043	41936	AW546512	TC187225	integrin binding protein kinas	Mm.8131
96447	129964	AW547606	TC204532	null	Mm.1468
47709	67985	AW547708	TC201479	null	Mm.6803
503528	920353	AW547861	TC200170	cellular nucleic acid binding	Mm.7335
204393	602968	AW547981	null	null	Mm.102849
47679	64844	AW547620	TC203056	DNA polymerase zeta catalytic	Mm.2167
27945	33280	AW547805	TC188062	null	Mm.38782
26961	39368	AW547880	null	null	null
34453	43925	AW548004	null	null	Mm.102851
654900	857156	AW549139	TC186622	protein phosphatase 1	Mm.4572
317290	561749	AW549255	TC159887	null	Mm.21848
91834	81058	AW549367	TC188074	retinal short-chain dehydrogen	Mm.14063
0	0	null	null	null	null
211542	266696	AW549166	null	null	null
31885	49022	AW549271	TC176170	null	Mm.25427
54626	67400	AW549389	TC173981	null	Mm.18924
197274	231607	AW549481	TC186759	null	Mm.5856
32821	61747	AW546585	TC199942	null	Mm.3428
0	0	AW546678	null	null	null
4857	5941	AW546754	TC187393	C184S protein	Mm.27657
12516	14352	AW546606	TC188601	null	Mm.103488
92353	121804	AW546697	TC159978	plasma phospholipid transfer p	Mm.7046
0	0	AW546796	TC163105	null	Mm.22835
2852	7332	AW548068	TC159533	y2-globin	Mm.35830
108452	189012	null	null	null	null
130542	263741	AW548346	TC157657	ribosomal protein S17	Mm.42767

116449	232514	null	null	null	null
117403	114316	AW548191	TC200769	Xap89 protein	Mm.35792
20978	16642	AW548274	null	null	null
198726	186332	AW548371	null	null	null
19431	23027	AW549572	TC191585	null	Mm.74663
42188	56413	null	null	null	null
12999	16639	AW549759	TC188959	TFIID subunit p80	Mm.1994
44594	42999	AW549589	TC188183	null	Mm.2125
181229	350336	AW549691	TC186378	ribosomal protein S7	Mm.5281
23705	38216	AW549777	TC161593	null	Mm.24259
66125	186467	AW549877	TC161715	null	Mm.21299
14319	17212	AW546256	null	null	null
21710	22915	AW546347	TC161488	geminin	Mm.12239
81911	118520	AW546425	null	null	null
39236	50913	AW546491	TC161843	null	Mm.45975
94400	139569	AW546278	null	null	Mm.102806
49195	46988	AW546367	TC158352	CRIPT protein	Mm.21149
90558	106051	AW546446	TC200874	laminin B2 (AA 1-217)	Mm.1249
73797	129892	null	null	null	null
187790	236708	AW547608	TC173322	cytoplasmic dynein heavy chain	Mm.22470
66001	116494	AW547724	TC167297	null	Mm.102842
469502	692959	AW547864	null	null	null
118365	234625	AW547983	null	null	Mm.102850
73048	89900	AW547621	null	null	null
47057	57532	AW547808	null	null	null
52272	75295	AW547882	null	null	null
23566	42993	AW548009	TC187364	null	Mm.41906
52707	94264	AW549140	TC173924	null	Mm.2930
143122	169904	AW549256	TC158321	translation initiation factor	Mm.22731
20142	28278	null	null	null	null
17453	29199	null	null	null	null
27913	34104	AW549174	TC177309	null	Mm.35979
513623	1069108	AW549276	null	null	null
133714	194427	AW549390	TC161897	null	Mm.27598
276534	225520	AW549484	TC173091	mtprd	Mm.3679
124943	111667	AW546594	TC173206	phospholipid hydroperoxide glu	Mm.2400
15241	20292	AW546684	TC192251	null	Mm.102816
82419	106860	AW546765	TC202155	null	Mm.29592
41012	66636	AW546615	TC173827	null	Mm.22399
63792	74560	AW546700	TC160809	null	Mm.21881
105201	162942	AW546797	TC157752	null	Mm.2602
5547	15008	AW548068	TC159533	y2-globin	Mm.35830
275623	552562	AW548162	TC174800	null	Mm.29056
32830	45211	AW548255	null	null	null
140041	266002	AW548346	TC157657	ribosomal protein S17	Mm.42767
48742	55810	AW548084	TC202526	null	Mm.41409
74392	346679	AW548197	TC190809	null	Mm.89607
87829	716068	AW548291	null	null	Mm.2329
60111	70623	AW548377	TC203764	null	Mm.63470
10415	7987	AW549577	TC192135	null	Mm.88694
87172	110549	AW549684	TC160999	null	Mm.28771

16083	11106	AW549761	TC200608	glucose transporter 2	Mm.10661
8833	11818	AW549862	null	null	Mm.102903
6632	8674	AW549599	null	null	null
14999	21100	AW549693	TC162792	null	Mm.32053
115669	166267	AW549782	TC199946	proteasome subunit C3	Mm.3428
51541	69608	AW549878	TC174528	typr II DNA topoisomerase beta	Mm.4093
123866	207886	AW546267	TC159957	connexin 43	Mm.4504
55731	86753	AW546348	TC187788	null	Mm.26492
55689	67781	AW546426	TC161087	null	Mm.24219
17060	13213	null	null	null	null
45188	106168	AW546280	TC160353	null	Mm.35844
101891	101337	AW546368	null	null	null
0	0	AW546452	null	null	null
37082	71610	AW546518	TC173060	enhancer of rudimentary homolo	Mm.21952
15762	28086	AW547609	TC162145	voltage-dependent calcium chan	Mm.3544
288156	532690	AW547746	null	null	Mm.102843
178689	223301	null	null	null	null
108651	177684	AW547988	TC173984	null	Mm.30969
84895	91977	AW547622	TC158505	kinesin-related mitotic motor	Mm.42203
46899	57819	AW547810	TC160970	null	Mm.21749
185879	187938	AW547894	null	null	Mm.102848
62684	89798	AW548010	TC176717	5-lipoxygenase-activating prot	Mm.19844
124947	204818	AW549145	TC160092	25 kDa FK506 binding protein F	Mm.3371
181479	235779	AW549259	TC162974	novel stromal cell protein	Mm.17958
101131	128696	AW549375	TC163705	null	Mm.97975
187568	324746	AW549472	null	null	Mm.102891
274382	259740	AW549179	TC176191	null	Mm.36505
0	0	AW549277	TC200309	null	Mm.12459
121522	105411	AW549391	TC190748	null	Mm.30566
11436	14395	AW549488	null	null	null
50130	77872	AW546597	TC174028	spermidine/spermine N1-acetyl	Mm.2734
141290	132114	AW546688	null	null	null
346777	266023	AW546788	TC173412	p68(beta ig-h3)	Mm.14455
70371	100374	AW546619	TC157766	null	Mm.24729
63034	104540	AW546704	null	null	Mm.14798
13927	8858	AW546799	TC204099	null	Mm.58488
47025	46272	AW546849	TC161646	copper chaperone for superoxid	Mm.21414
0	0	AW548068	TC159533	y2-globin	Mm.35830
50559	59069	AW548168	TC201156	null	Mm.27523
0	0	null	null	null	null
26532	30299	AW548347	null	null	Mm.102859
21244	28592	AW548085	TC173534	null	Mm.28039
82467	132427	AW548198	null	null	Mm.7156
12193	13121	AW548292	TC162979	null	Mm.3882
41090	54401	AW548382	TC160680	null	Mm.23739
116216	127606	AW549581	TC158358	null	Mm.79256
0	0	null	null	null	null
36614	27567	AW549767	null	null	Mm.102898
61686	77373	AW549864	TC186724	neuropilin	Mm.27448
85557	65611	AW549608	TC192881	null	Mm.11350
42980	36369	AW549702	TC174727	F-box protein FBX18	Mm.24088

473091	371040	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
41632	66731	AW549879	TC161785	null	Mm.13756
40376	81206	AW550633	TC161400	null	Mm.27811
16009	26480	AW550741	TC160451	hepatoma-derived growth factor	Mm.38268
150498	196173	AW550836	TC161569	null	Mm.5293
592117	859591	null	null	null	null
101438	112722	AW550653	TC159800	null	Mm.22708
399156	431806	AW550770	null	null	null
201974	195119	AW550853	null	null	null
472760	579011	AW550913	TC157709	null	Mm.21514
330812	274444	AW551942	TC160287	aldehyde dehydrogenase II	Mm.4514
159134	309624	AW551989	TC199907	elongation factor 2	Mm.70787
12236	13279	AW552037	TC176972	null	Mm.33408
125512	165579	AW552084	null	null	Mm.102986
228422	313176	AW551955	null	null	null
5778	4894	AW552000	TC161854	null	Mm.10844
92469	158122	AW552048	null	null	Mm.97727
13348	22793	AW552092	TC189675	steroid receptor coactivator-1	Mm.2028
41694	67796	AW552765	null	null	null
240965	304657	AW552831	TC173039	Sui1 homolog	Mm.13886
368691	569503	AW552886	TC186422	murine valosin-containing prot	Mm.18921
108775	160495	AW552961	TC188262	null	Mm.525
27483	35890	AW552781	TC197580	null	Mm.103544
15554	20252	AW552845	null	null	Mm.103016
67705	57385	AW552902	TC186919	null	Mm.29975
44112	33914	AW552987	TC201863	null	Mm.27162
3685	5914	AW551014	TC190388	null	Mm.34463
15998	16991	AW551152	TC174829	null	Mm.33008
3989	5474	AW551248	TC197665	null	null
1334071	1080445	AW551176	null	null	null
40290	47783	AW551267	null	null	null
18723	15585	AW551379	TC188195	null	Mm.26582
32610	36585	AW552126	TC157792	null	Mm.11223
40023	82211	null	null	null	null
27697	39948	AW552210	null	null	Mm.13162
45188	52729	AW552256	TC202954	null	Mm.31048
11089	13970	null	null	null	null
10279	20035	AW552179	TC190338	null	Mm.100617
23061	36397	AW552226	TC189172	null	Mm.27098
0	0	AW552270	null	null	Mm.102994
23791	42313	AW553053	TC174833	ALF1B protein	Mm.36894
36415	48952	AW553106	TC160552	null	Mm.25200
48330	330871	null	null	null	null
16061	25008	AW553223	TC188455	null	Mm.41558
10524	16884	AW553066	TC166325	null	Mm.103029
36036	27358	AW553129	TC187025	null	Mm.42275
14097	24144	AW553186	TC193244	null	Mm.102959
5339	7564	AW553246	TC188821	mTim1	Mm.6458
87301	374287	AW550637	TC200645	null	Mm.38415
3483	53700	null	null	null	null
3453846	3646176	null	null	null	null

1476062	2746814	AW550902	TC158243	ribosomal protein	Mm.2235
218746	245399	AW550655	TC188727	T-cell receptor alpha chain	Mm.3466
36886	56342	AW550771	null	null	null
66988	87885	AW550860	TC187062	null	Mm.27901
87739	126237	AW550917	TC176604	null	Mm.67527
13297	35143	AW551943	TC157271	null	Mm.7398
242756	468613	AW551989	TC199907	elongation factor 2	Mm.70787
12494	11773	AW552038	TC157952	null	Mm.57792
17137	21074	AW552086	TC200303	serine palmitoyltransferase LC	Mm.6505
7016	5579	AW551958	null	null	null
10834	13394	AW552001	TC175159	null	Mm.21175
14748	20468	AW552052	TC161981	null	Mm.32901
10625	9818	AW552096	TC162248	homeobox protein PKNOX1	Mm.87619
12760	17799	AW552766	TC177560	null	Mm.24284
158287	316604	AW552833	TC186792	LNR42	Mm.27796
346048	489166	AW552886	TC186422	murine valosin-containing prot	Mm.18921
11994	17924	AW552972	TC174092	null	Mm.30092
7651	7138	AW552788	TC197581	null	Mm.103012
240512	338718	AW552848	TC186483	rab7	Mm.4268
8409	12913	null	null	null	null
0	0	AW552990	TC162697	null	Mm.27637
85874	162536	AW551156	TC173134	ribosomal protein L18	Mm.41923
94636	98889	AW551249	TC158299	voltage dependent anion channe	Mm.3555
49871	52539	AW551338	TC186893	null	Mm.21707
23932	15941	AW551179	TC178171	null	Mm.3281
32156	44805	AW551278	TC187141	Ste20-related kinase SMAK	Mm.28133
0	0	AW551387	null	null	null
18250	26843	AW552126	TC157792	null	Mm.11223
72863	75078	AW552170	TC187605	myocyte-enriched calcineurin i	Mm.56
97008	88171	AW552212	null	null	null
19890	30417	AW552260	TC202568	null	Mm.30232
27765	27043	AW552133	TC158468	KIF2 protein	Mm.4415
97537	108835	AW552184	null	null	Mm.102990
102076	178659	AW552227	TC174555	null	Mm.27259
16537	34387	AW552272	TC202465	null	Mm.25307
0	0	AW553058	TC190984	megakaryocyte potentiating fac	Mm.17510
45590	68571	AW553113	TC173247	N-acetylglucosaminyl transfera	Mm.6354
0	0	AW553177	null	null	Mm.103037
66231	106665	AW553224	TC187995	null	Mm.22030
25176	27536	null	null	null	null
24139	34864	AW553130	TC170720	null	Mm.103033
0	0	AW553188	TC167104	null	Mm.103039
11343	16862	AW553249	TC187275	null	Mm.29743
301287	336327	AW550639	TC207811	null	null
892311	1012611	AW550755	null	null	null
27227	27461	AW550845	null	null	null
71327	80290	AW550906	null	null	Mm.102939
379649	765211	AW550656	TC159612	plasma glutathione peroxidase	Mm.7156
31496	36461	AW550772	null	null	Mm.102935
37663	43190	AW550861	TC189773	null	Mm.4211
357553	858985	AW550920	TC191737	null	Mm.44718

52901	62282	AW551944	TC190375	null	Mm.27957
0	0	AW551993	TC160861	MEB3 (aa 11-919)	Mm.7248
43592	58679	AW552041	TC200356	makorin 1	Mm.7198
6040	8007	AW552088	TC191320	null	Mm.23614
68617	106194	AW551959	TC160632	cullin 1	Mm.21771
0	0	AW552005	null	null	Mm.102983
26847	61145	AW552054	TC188080	null	Mm.27627
6227	6414	AW552099	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
57238	76470	null	null	null	null
15000	18643	AW552834	TC165010	null	Mm.63584
83405	82291	AW552889	TC169440	null	Mm.39178
346929	593691	AW552978	TC200144	alpha-actinin	Mm.29991
42086	68244	AW552789	TC192095	null	Mm.83528
9663	12329	AW552849	TC211232	null	null
184695	336861	AW552909	TC173697	cellugyrin	Mm.2079
311830	337638	AW552998	TC188050	null	Mm.28803
28825	34137	AW551019	TC186736	cdc21	Mm.1500
209480	401125	AW551165	TC173309	protein-tyrosine kinase substr	Mm.584
20830	45877	AW551251	TC190382	null	Mm.17353
12440	10731	AW551339	TC161875	null	Mm.31643
9769	8118	AW551032	null	null	Mm.1139
44607	46015	AW551184	null	null	Mm.24786
42951	50935	null	null	null	null
13288	86526	AW551388	null	null	Mm.29590
19290	23779	AW552126	TC157792	null	Mm.11223
15382	18560	AW552171	TC164583	null	Mm.44734
6729	12029	AW552217	TC206904	null	Mm.36771
19775	24310	AW552263	TC188007	null	Mm.28332
11681	14916	AW552134	TC187079	null	Mm.27403
18425	38608	AW552186	TC199896	null	Mm.22491
0	0	AW552230	TC188326	null	Mm.27142
0	0	AW552276	TC173780	null	Mm.36669
140207	279161	AW553061	null	null	null
30686	43415	AW553118	TC173337	null	Mm.22533
42889	61455	AW553179	TC175193	null	Mm.21453
31080	45000	AW553227	null	null	Mm.103041
0	0	AW553068	TC178026	null	Mm.23656
6364	11407	AW553137	TC175107	Rhesus blood group protein	Mm.18140
45876	61545	AW553192	TC203485	null	Mm.22249
80335	124709	AW553253	TC161523	null	Mm.39288
119667	171696	AW550641	TC188443	Frg1	Mm.67
24426	26332	AW550764	null	null	null
36750	55581	AW550848	TC204527	null	Mm.63497
74251	111042	AW550907	TC187440	S6 kinase 2	Mm.20917
198295	436634	AW550666	TC203609	null	Mm.32494
13852	26469	AW550780	TC174151	unknown	Mm.1457
59020	117952	AW550862	null	null	Mm.3953
77118	110785	null	null	null	null
54337	71656	AW551949	TC161044	null	Mm.29283
23507	28039	AW551994	TC188818	null	Mm.38957
275423	262504	AW552043	TC201270	null	Mm.23839

437479	534091	AW552089	null	null	null
929508	1422874	null	null	null	null
31091	38098	AW552006	TC161308	null	Mm.28517
27227	41302	AW552055	TC202511	SH2-B PH domain containing sig	Mm.8538
21442	33606	AW552101	null	null	null
57173	55901	AW552772	null	null	null
26490	35235	AW552837	TC166423	null	Mm.103015
175676	181727	AW552891	null	null	null
556474	637919	AW552979	TC201852	null	Mm.39988
270517	291546	AW552790	null	null	null
54813	53863	AW552851	TC176154	null	Mm.33818
78392	82798	AW552910	TC177137	null	Mm.24136
128620	129635	AW553000	TC158553	null	Mm.37975
4059	9042	AW551021	TC200080	alpha fetoprotein	Mm.80
58707	71386	AW551166	TC187086	hemin-sensitive initiation fac	Mm.20949
34682	39321	AW551259	TC160212	ancient ubiquitous 46 kDa prot	Mm.2146
49334	295849	AW551033	TC163708	null	Mm.38527
78385	87990	AW551190	null	null	null
16793	28413	AW551281	TC203341	null	Mm.46543
17120	37159	AW551393	null	null	Mm.29590
0	0	AW552127	null	null	null
37719	52841	AW552172	TC189403	null	Mm.41224
40241	48280	AW552218	TC199941	null	Mm.19101
0	0	null	null	null	null
42722	61970	AW552135	null	null	Mm.102989
4115	7133	AW552188	TC177345	null	Mm.52111
11635	15822	AW552234	null	null	null
19478	26898	AW552278	TC188900	alpha-methylacyl-CoA racemase	Mm.2787
193107	271397	AW553062	null	null	null
0	0	AW553120	null	null	Mm.103032
46238	53573	AW553180	TC160876	null	Mm.22192
22376	28855	AW553230	TC162262	Drosophila vasa homologue	Mm.67423
494997	527159	AW553069	null	null	null
47774	78039	AW553139	TC202964	null	Mm.32488
6044	5228	AW553194	TC160399	null	Mm.28668
57309	80753	AW553254	TC200634	49 kDa zinc finger protein	Mm.12236
686450	885993	AW550650	TC157665	tctex-1 protein	Mm.1948
590931	530868	AW550765	null	null	null
576543	1193313	AW550850	TC158182	null	Mm.13859
1580386	2902566	AW550910	TC157628	BUB2-like protein 1	Mm.29982
485423	606091	AW550677	TC157776	null	Mm.30240
71713	136357	AW550783	TC168012	null	Mm.102936
0	0	AW550864	TC200017	thyroid hormone binding protei	Mm.16660
0	0	AW550933	null	null	Mm.102941
16649	20536	AW551952	TC193158	null	null
51590	76527	AW551995	TC190761	null	Mm.28914
86933	95760	AW552044	null	null	null
144213	142281	AW552090	TC157928	null	Mm.21761
10347	11094	AW551961	null	null	Mm.102980
61894	95314	null	null	null	null
43202	39980	AW552057	TC175797	null	Mm.34694

14406	18820	AW552102	TC201094	leucine rich protein	Mm.27746
291530	316553	AW552774	null	null	null
39722	29710	AW552838	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
18160	24894	AW552892	TC166857	null	Mm.103019
910910	1737803	AW552980	TC200818	glycosylphosphatidylinositol a	Mm.5903
99260	115022	AW552792	TC211357	null	Mm.102923
40041	47283	AW552855	TC160083	null	Mm.22559
21536	26489	AW552911	TC167592	null	Mm.96076
121193	132963	AW553001	TC161841	ISLR	Mm.38426
52671	100669	AW551025	null	null	Mm.102942
8711	7421	AW551167	TC178606	null	Mm.100216
212417	270026	AW551261	TC173614	null	Mm.21684
17184	26955	AW551352	null	null	null
75642	74303	AW551034	null	null	Mm.29722
22562	29485	AW551191	TC158511	null	Mm.11593
62311	58380	AW551291	TC173759	null	Mm.26680
167409	233150	AW552131	TC186878	null	Mm.12110
80636	118478	AW552177	null	null	null
59181	109901	AW552221	TC200146	hepatoma derived growth factor	Mm.1141
19390	30101	AW552266	TC202116	protein kinase	Mm.2185
7451	6266	AW552136	null	null	null
12449	15121	AW552189	TC174866	null	Mm.22599
6669	9869	AW552235	TC197567	null	Mm.102992
136708	127731	AW552281	TC188850	ubiquitin protein ligase	Mm.8975
95342	99094	AW553064	null	null	Mm.103027
11850	21915	AW553124	TC160113	MGP precursor	Mm.2017
68310	101075	AW553181	TC205675	null	Mm.103038
151159	291015	AW553234	TC201155	null	Mm.27523
0	0	AW553070	null	null	null
22985	35332	AW553140	TC160223	regulated secretory protein-23	Mm.17403
21071	30178	AW553197	TC188798	null	Mm.18062
39461	65219	AW553258	TC158866	ribosomal protein L37a	Mm.21529
982415	1611271	null	null	null	null
117476	178276	AW550769	TC191184	zinc finger protein ZFP113	null
962018	1867068	AW550850	TC158182	null	Mm.13859
2335429	3767575	AW550910	TC157628	BUB2-like protein 1	Mm.29982
13714	28383	AW550679	TC165342	null	Mm.27670
0	0	AW550795	TC200441	G protein alpha i3 subunit	Mm.22704
10655	12461	AW550871	TC200601	null	Mm.29230
527955	609783	AW550942	TC174217	null	Mm.24220
0	0	AW551953	TC157457	null	Mm.102979
58551	64304	AW551999	TC187139	protein carboxyl methyltransfe	Mm.25169
321631	302651	AW552047	TC160646	null	Mm.29349
19066	20720	AW552091	null	null	null
93724	142041	AW551962	TC200673	null	Mm.30165
143973	183028	AW552007	TC174425	null	Mm.20543
40011	50600	AW552058	TC173473	null	Mm.23836
41974	58262	AW552103	TC160469	null	Mm.29106
310480	190882	AW552780	TC173392	glutathione transferase (EC 2.	Mm.2011
123860	124021	AW552841	TC177370	null	Mm.22056
37960	54557	AW552896	TC162673	null	Mm.38238

68166	122585	AW552986	TC200198	null	Mm.24365
27900	40674	AW552797	TC163246	zinc finger protein	Mm.12832
151300	239215	null	null	null	null
435639	421207	AW552915	TC157882	null	Mm.30062
89187	112277	AW553008	null	null	null
335327	594142	AW551028	TC160801	Vav2 gene product	Mm.39302
44103	55482	AW551172	TC201587	null	Mm.29615
105617	156582	AW551263	null	null	null
129164	169539	AW551372	TC173796	sid23p	Mm.28919
38177	43627	null	null	null	null
117932	116130	AW551192	TC174147	PA28 alpha subunit	Mm.830
35419	27851	AW551293	TC160773	null	Mm.204
59528	51580	AW551398	TC202895	null	Mm.43157
32490	26930	AW552132	TC175080	AMY-1	Mm.12975
21114	18731	null	null	null	null
7013	10043	AW552222	TC186388	5' ORF	Mm.14802
22457	15121	AW552267	null	null	null
1218250	2003761	AW552139	null	null	Mm.10706
19377	15778	AW552191	TC161086	null	Mm.28579
24424	30480	AW552238	TC200632	null	Mm.28910
48536	44952	AW552286	null	null	null
0	0	AW553065	TC211228	null	Mm.103028
0	0	AW553126	TC190857	null	Mm.21655
80396	81369	null	null	null	null
22708	29359	AW553235	null	null	null
0	0	AW553072	null	null	null
14651	11961	AW553141	null	null	null
41421	48414	AW553198	TC173470	null	Mm.18628
188101	295998	AW553259	TC173461	HBp15/L22	Mm.43243
14065	18116	AW553714	TC159048	tousled-like kinase	Mm.4557
0	0	AW553766	TC165695	null	Mm.77786
99824	103014	AW553824	null	null	null
90818	145451	AW553910	TC179611	null	Mm.103075
120917	110174	AW553730	TC176385	null	Mm.49051
43085	39626	AW553787	TC187625	null	Mm.29042
21298	23432	AW553859	TC162287	interleukin-10 receptor	Mm.26658
12720	25651	AW553926	TC161513	null	Mm.41739
7822	10895	AW554686	TC207781	null	Mm.4505
4784	5642	AW554760	TC211223	null	Mm.103111
6734	8067	AW554840	TC203839	null	Mm.30517
6825	12120	AW554918	TC205065	null	Mm.34078
93419	166954	null	null	null	null
0	0	AW554783	TC161034	null	Mm.7597
0	0	AW554852	null	null	Mm.103115
39823	56314	AW554926	TC173227	PTB-associated splicing factor	Mm.43213
12124	12405	AW555662	TC173844	null	Mm.27435
723711	588920	AW555706	null	null	Mm.5246
257562	337327	AW555755	TC158564	null	Mm.86618
1114272	1130250	AW555675	TC186497	aldehyde reductase	Mm.30085
63562	55093	AW555719	null	null	null
432830	636457	AW555762	TC160043	transketolase	Mm.9307

0	0	AW553974	null	null	null
10908	14116	AW554047	TC175660	null	Mm.32033
33504	51112	AW554115	TC162066	calcitonin gene-related peptid	Mm.18072
70038	57731	AW554165	TC203170	vacuolar protein sorting homol	Mm.2582
90471	93798	AW553987	TC175832	null	Mm.41932
427746	469846	AW554069	null	null	null
0	0	AW554125	TC205093	null	Mm.24428
32586	39904	AW554184	TC187881	null	Mm.27373
73802	124818	AW555001	TC201350	RW1 protein	Mm.10808
23898	35739	AW555062	TC187902	null	Mm.27922
25568	27412	AW555108	TC190380	null	Mm.30850
129849	88438	AW555156	TC176698	null	Mm.31203
705019	659194	AW555020	TC173231	null	Mm.988
15484	14205	AW555073	TC184145	null	Mm.102954
110877	158761	AW555116	TC179504	null	Mm.100829
68203	86266	AW555167	TC157840	null	Mm.22615
18480	28475	AW555800	TC200478	zinc RING finger protein SAG	Mm.28235
5179	8173	AW555883	null	null	null
38064	57302	AW555985	TC187177	30-kDa subunit of replication	Mm.2870
110184	188626	AW556040	TC160388	transcription factor	Mm.925
27490	35106	AW555813	TC162512	null	Mm.32364
49716	64319	AW555905	TC165533	null	Mm.100597
45313	65032	AW555995	TC173490	heparin binding protein 44	Mm.4560
150893	155496	AW556050	null	null	null
8093	12663	AW553715	TC157927	null	Mm.21657
30009	37948	AW553771	null	null	Mm.103068
71758	75646	AW553838	TC160342	null	Mm.21669
107010	132527	AW553913	TC188586	null	Mm.15801
0	0	null	null	null	null
0	0	AW553789	null	null	null
15843	19913	AW553861	TC170833	null	Mm.103072
7915	8569	null	null	null	null
35134	34631	AW554687	TC187877	null	Mm.608
0	0	AW554761	TC179300	null	Mm.100810
0	0	AW554842	null	null	null
4720	10725	AW554921	TC190032	null	Mm.24501
41657	61686	AW554706	TC162439	null	Mm.21246
7242	16340	AW554784	TC177286	null	Mm.32986
11328	11855	AW554859	TC166562	null	Mm.40831
8878	13200	null	null	null	null
41590	66189	AW555665	TC203042	null	Mm.41188
77094	111983	AW555707	TC174549	WW-domain binding protein 1	Mm.1109
75094	83349	AW555759	TC173354	prohibitin or B-cell receptor	Mm.2355
876587	1048607	AW555675	TC186497	aldehyde reductase	Mm.30085
526886	514718	AW555720	TC187102	tumor necrosis factor alpha co	Mm.27681
1172472	1776317	AW555762	TC160043	transketolase	Mm.9307
36457	54097	AW553978	TC158517	null	Mm.21876
188666	394934	AW554058	null	null	Mm.21671
61629	113586	AW554116	TC187645	alpha 2 (IV) collagen fragment	Mm.100770
73114	81687	AW554166	TC162288	OCTN2	Mm.42253
175974	251375	AW553990	TC164862	null	Mm.38401

14133	14734	AW554071	null	null	null
0	0	null	null	null	null
35967	55984	AW554186	TC176819	null	Mm.30556
163904	289603	AW555007	TC187096	phosphatase 2A catalytic subun	Mm.7418
9519	14657	AW555063	TC184000	null	null
79411	98018	AW555109	TC202254	DNA-binding protein	Mm.8137
91530	131319	AW555157	TC186699	null	Mm.29584
815497	806012	AW555020	TC173231	null	Mm.988
61247	91356	AW555075	TC188782	null	Mm.25140
0	0	AW555117	TC206452	null	Mm.26553
13813	20510	AW555168	null	null	Mm.103128
11406	9047	AW555803	TC173939	Tbc1	Mm.27271
38105	60369	AW555889	TC175504	platelet-derived growth factor	Mm.2675
316837	267020	AW555986	TC200417	null	Mm.28365
139053	233846	AW556041	TC174307	complement protein H	Mm.8655
64658	89406	AW555816	TC163276	synaptonemal complex protein 1	Mm.4564
44443	73311	AW555913	TC160151	mMIS5	Mm.4933
145972	135210	AW555997	null	null	Mm.103158
32806	49284	AW556056	TC204702	Hox-3.2	Mm.103163
50791	62671	AW553717	TC190260	null	Mm.2775
7792	5104	AW553772	TC210153	null	Mm.103069
57597	60254	AW553846	TC176873	AE3 protein	Mm.5053
15787	22970	AW553914	TC174945	null	Mm.23503
32841	34708	AW553732	TC174725	pyruvate carboxylase	Mm.1845
10306	19762	AW553790	TC174578	null	Mm.29793
16867	16143	AW553862	TC174450	null	Mm.28231
8850	15292	AW553930	TC161277	protein tyrosine phosphatase P	Mm.4220
45736	43681	AW554689	TC201360	null	Mm.11535
22547	44053	AW554765	TC203144	null	Mm.27484
0	0	AW554844	TC193190	null	null
16970	41213	AW554923	TC187162	HMG CoA synthase	Mm.10633
69036	77419	AW554709	TC161267	null	Mm.19803
28019	40056	AW554785	TC202067	spermatid perinuclear RNA bind	Mm.18034
18752	27763	AW554864	TC197551	null	Mm.103116
104225	110709	AW554931	null	null	null
306901	453148	AW555666	TC200166	cAMP-dependent protein kinase	Mm.30039
1400267	1603936	AW555711	null	null	Mm.103152
117069	186929	null	null	null	null
53016	59256	AW555677	TC163982	null	Mm.71886
574627	813051	AW555723	TC205171	null	Mm.32934
127094	179284	AW555765	TC201192	cytoplasmic dynein intermediat	Mm.20893
163029	226189	AW553979	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
42670	68625	AW554059	TC161448	null	Mm.28109
13170	16148	AW554117	TC200053	null	Mm.29306
173553	226106	AW554172	TC200293	SDR1	Mm.15125
187881	310933	AW553998	TC186580	null	Mm.5612
89742	99386	AW554074	TC160894	unnamed protein product	Mm.18818
11353	19607	AW554127	TC200745	putative T1/ST2 receptor bindi	Mm.1044
110674	121736	AW554187	TC173221	alpha glucosidase II, alpha su	Mm.3196
52386	71876	AW555008	TC190310	null	Mm.29167
22869	33731	AW555065	TC161602	RalGDS-like factor	Mm.43777

29730	43892	AW555111	TC201446	histone deacetylase 3	Mm.20521
80396	81354	AW555158	TC189419	null	Mm.25122
253940	302121	AW555021	TC202149	subtilisin-like proprotein con	Mm.3255
170914	176571	AW555077	TC163449	endophilin I	Mm.26533
51750	57577	AW555120	TC159632	Tssc4 protein	Mm.88573
51681	74518	AW555173	TC187118	null	Mm.23825
0	0	AW555804	TC164016	null	Mm.31979
80987	84036	AW555895	TC176722	null	Mm.7863
9699	9465	AW555990	null	null	null
10734	16833	AW556044	null	null	Mm.103162
3793	4626	null	null	null	null
50384	69934	AW555914	TC161319	null	Mm.23566
211770	263696	AW555999	TC176677	null	Mm.28759
8581	15893	AW556058	TC193310	null	Mm.100997
38624	34999	AW553718	TC158352	CRIP1 protein	Mm.21149
19312	22894	AW553774	TC162832	null	Mm.44715
11309	10894	AW553849	TC207115	null	Mm.103071
26434	45644	AW553915	TC205002	null	Mm.89181
0	0	AW553736	TC189536	null	Mm.40291
15897	28118	AW553793	TC202900	null	Mm.38313
0	0	AW553866	TC175071	2P1 protein	Mm.29471
30139	32730	AW553932	null	null	Mm.103076
188201	367429	AW554692	TC159884	alpha NAC/1.9.2. protein	Mm.3746
50562	76537	AW554767	TC188527	cdc2/CDC28-like kinase 4	Mm.9488
131960	205609	AW554846	TC160091	unc-18 homologue	Mm.12155
23737	65921	AW554924	TC200837	Su(var)3-9 homolog	Mm.9244
25929	35661	AW554710	TC176346	null	Mm.36283
11825	18281	AW554790	null	null	Mm.103112
34563	64510	AW554865	TC176388	null	Mm.32661
17544	20785	AW554932	TC211196	null	null
120492	146826	AW555668	null	null	null
230068	331687	AW555712	TC187711	null	Mm.29600
373383	674808	null	null	null	null
137675	165361	AW555678	null	null	Mm.100627
105452	191188	AW555731	TC159152	unnamed protein product	Mm.29577
366327	468153	AW555768	TC200642	null	Mm.28600
57317	73869	AW553980	TC174545	null	Mm.29878
113657	175201	AW554060	TC161501	null	Mm.22403
7462	15987	null	null	null	null
160453	227621	AW554173	TC173440	single stranded DNA binding pr	Mm.966
34077	42569	AW553999	TC175893	null	Mm.27763
7987	9796	null	null	null	null
254867	225994	AW554129	TC188496	null	Mm.24457
101929	126245	AW554188	TC201608	null	Mm.25566
237529	416835	AW555009	TC188002	TR2L	Mm.5159
81469	118750	AW555068	TC204103	null	Mm.89413
77230	131124	AW555113	TC183561	null	Mm.103458
10310	28000	null	null	null	null
58694	113176	AW555026	TC189185	protein S	Mm.24611
25703	29331	AW555078	TC177410	inhibin alpha-subunit	Mm.1100
21958	27407	null	null	null	null

12571	9277	AW555174	TC197103	null	Mm.103129
17442	21376	AW555806	TC187091	myo-inositol 1-phosphate synth	Mm.29357
98598	100773	AW555902	null	null	null
94212	134637	AW555991	TC187027	null	Mm.46624
66730	107068	AW556045	null	null	null
104652	118177	AW555822	null	null	null
117901	137221	AW555916	TC190431	null	Mm.30643
54395	66337	AW556000	TC203421	null	Mm.103159
25078	39167	AW556059	TC202735	null	Mm.24527
0	0	AW553719	TC167154	null	Mm.77303
0	0	AW553775	TC200261	null	Mm.29641
13831	21727	AW553850	TC158503	hepatoma-derived growth factor	Mm.28887
35240	51505	AW553918	TC174452	null	Mm.44225
93124	168945	AW553737	TC212466	null	Mm.103065
0	0	AW553797	TC189858	null	Mm.29899
58216	62948	AW553868	TC201712	second IL11 receptor alpha cha	Mm.15617
9226	4705	AW553934	TC184141	null	null
48255	38767	AW554693	TC173834	null	Mm.29092
13386	16313	AW554776	TC202889	null	Mm.29638
91258	101951	AW554847	TC204985	null	Mm.34720
55242	61546	null	null	null	null
71318	87268	AW554711	TC187018	null	Mm.31533
14622	19473	AW554791	TC164539	IL-3 receptor alpha subunit	Mm.4944
39558	49721	AW554874	TC162436	gankyrin	Mm.40507
15018	19885	AW554937	null	null	null
109948	155847	AW555669	TC189295	null	Mm.30752
581775	677263	AW555713	TC187861	DNA helicase	Mm.34410
133271	194074	AW555761	null	null	null
97246	113918	AW555679	TC163495	null	Mm.44079
350948	417994	AW555732	TC187502	null	Mm.30007
102240	99382	AW555769	null	null	null
95247	108036	AW553984	TC163834	null	Mm.86756
665058	781318	AW554061	null	null	null
31276	61480	AW554120	TC186503	mCDC47	Mm.18923
7486	7700	AW554174	TC177346	sperm-binding protein ZP2 prec	Mm.6510
39864	63474	AW554000	null	null	Mm.103079
20209	32941	AW554076	TC178832	null	Mm.103081
48056	50926	AW554132	TC163327	semaphorin subclass 4 member G	Mm.34404
31066	41181	AW554191	TC203273	null	Mm.23983
129528	126698	AW555013	TC161468	UNC-51-like kinase (ULK) 2	Mm.27664
16206	16694	AW555071	null	null	null
7143	9045	null	null	null	null
127997	165597	AW555161	null	null	null
11086	8441	AW555028	TC204192	null	null
90928	133274	AW555081	TC186926	2,3-bisphosphoglycerate mutase	Mm.22706
41923	42229	AW555124	TC188699	null	Mm.46552
41213	70564	AW555176	TC186910	null	Mm.29144
0	0	AW555810	null	null	Mm.103156
22515	27529	AW555903	null	null	null
105309	165278	AW555992	TC174838	null	Mm.29536
151157	212129	AW556048	TC201328	null	Mm.2845

6950	8583	AW555823	null	null	null
223864	188874	AW555929	TC200509	evectin-2	Mm.28491
21437	27316	AW556002	TC157673	null	Mm.38247
57690	91839	AW556062	TC161880	null	Mm.88265
30848	28560	AW553726	null	null	null
39877	66946	AW553777	TC173127	Gh/tissue transglutaminase	Mm.18843
67931	77878	AW553858	TC173960	null	Mm.28402
38895	47105	AW553921	TC174289	null	Mm.29542
11527	21146	AW553739	TC191095	esk kinase	Mm.1904
0	0	null	null	null	null
5295	13578	AW553870	TC177324	periplakin	Mm.10225
0	0	AW553935	TC192714	null	Mm.80710
0	0	AW554695	TC187074	null	Mm.32126
49776	46886	AW554781	null	null	null
68083	67441	AW554848	TC174315	null	Mm.29058
12739	16359	AW554925	TC193962	null	Mm.103120
307540	397284	AW554714	TC187541	null	Mm.41268
93805	134972	AW554801	null	null	null
23403	30745	AW554878	TC191310	null	Mm.103117
85061	76212	AW554941	null	null	null
94081	133503	AW555673	TC176927	ZnT-3	Mm.1396
1293058	1218035	AW555717	null	null	null
1254232	1603402	AW555762	TC160043	transketolase	Mm.9307
46080	43094	AW555680	null	null	null
173647	215599	AW555733	TC175783	hyaluronidase	Mm.4834
51506	60357	AW555773	TC178124	null	Mm.30641
148146	138388	AW553985	TC189393	null	Mm.39478
229598	210645	AW554063	null	null	null
23195	36489	AW554122	TC173489	ORF	Mm.3940
35671	43753	AW554179	TC190267	null	Mm.28615
220263	284260	AW554001	TC200675	null	Mm.28343
47445	67698	AW554081	TC161318	activity-dependent neuroprotec	Mm.25135
18089	16829	AW554133	null	null	null
15316	29654	AW554193	TC187433	FK506 binding protein 51	Mm.22595
518563	438888	AW555016	TC157590	null	Mm.4071
163016	165529	AW555072	TC190983	null	Mm.30713
45183	49200	AW555115	TC187575	null	Mm.34356
60372	61842	AW555163	TC200325	null	Mm.4525
15142	13879	AW555034	TC208366	null	null
0	0	AW555086	null	null	Mm.103124
11282	7878	AW555130	TC164192	PMS2	Mm.2950
35068	45135	AW555177	TC201318	cysteine-rich protein NFX-1	Mm.103390
22808	25165	AW555812	TC176964	null	Mm.21093
34881	39241	AW555904	TC177232	cell surface antigen AA4	Mm.681
102798	104002	AW555994	TC200922	melanoma adhesion molecule	Mm.39103
48442	32834	AW556049	null	null	Mm.30065
0	0	AW555831	null	null	null
0	0	AW555935	TC174672	AM2 receptor	Mm.7221
88665	131975	AW556003	TC175072	null	Mm.27790
14128	18444	AW556063	TC159899	null	Mm.30245
24745	27053	AW556514	TC160096	cyclin 3	Mm.7417

24089	45222	AW556570	TC163175	null	Mm.26973
27316	29282	AW556630	TC162876	null	Mm.37634
22261	23251	AW556705	TC211343	null	Mm.102814
9784	16538	null	null	null	null
25512	29443	AW556580	null	null	Mm.103187
15555	19297	AW556660	null	null	null
7323	15582	AW556711	null	null	Mm.103195
1559798	1497196	AW557486	TC164322	null	Mm.60648
77907	109233	AW557554	TC162780	null	Mm.27117
118026	185259	AW557641	null	null	null
242028	241082	AW557701	TC173800	Fc receptor (FcRn)	Mm.3303
326367	369527	AW557501	TC188704	null	Mm.21612
142038	208933	AW557574	TC173490	heparin binding protein 44	Mm.4560
1424074	1422919	AW557657	TC160230	NADP-dependent isocitrate dehy	Mm.9925
329631	577440	AW557717	null	null	Mm.24383
67525	107010	AW558517	TC173708	null	Mm.21686
34226	40785	AW558583	TC174431	null	Mm.30184
14047	16859	AW558465	TC162831	null	Mm.39461
9019	11932	AW558635	TC157986	null	Mm.37809
5364	4850	AW558533	TC201495	unknown	Mm.28337
0	0	AW558425	TC161447	null	Mm.32800
38438	39627	AW558477	TC202332	null	Mm.28412
36201	78773	AW558648	TC160885	null	Mm.21762
88645	132766	AW556756	null	null	null
33336	49304	AW556839	TC200213	ras-GTPase-activating protein	Mm.2411
75783	84415	AW556890	null	null	null
0	0	AW556934	TC186998	putative	Mm.193
39844	62741	AW556780	TC199944	null	Mm.3576
17502	21335	AW556853	TC190001	null	Mm.18561
0	0	AW556900	TC201604	null	Mm.12180
45839	68662	AW556945	TC184067	null	Mm.103209
107940	130602	AW557761	TC173938	null	Mm.34261
24688	28595	AW557823	TC191884	null	Mm.100831
58268	93695	AW557865	TC189007	RAD50	Mm.4888
14353	17989	AW557920	null	null	null
286135	253405	AW557786	null	null	null
1182010	1164831	AW557840	null	null	Mm.103256
76472	104382	AW557878	TC161461	growth-arrest associated	Mm.3982
82189	128181	AW557928	TC187088	null	Mm.29254
35928	54744	AW558715	null	null	null
73080	94072	AW558783	TC162194	null	Mm.103315
1922244	1970485	AW558845	null	null	Mm.103295
73406	91684	AW558903	TC203949	null	Mm.70980
106790	149898	AW558732	TC161342	RNA binding protein	Mm.12931
2390460	2527606	AW558800	null	null	null
68511	81412	AW558861	TC186642	null	Mm.28586
23775	32885	AW558932	TC190253	null	Mm.33840
10750	19307	AW556515	TC202612	null	Mm.80773
4560	9027	AW556571	TC163307	SA3	Mm.10726
25698	25166	AW556635	TC161018	null	Mm.100611
46351	72428	AW556706	TC176401	null	Mm.28611

12341	18845	AW556528	null	null	null
17618	25358	AW556581	null	null	null
79321	147763	AW556673	TC173398	synexin	Mm.20794
20692	22346	AW556712	TC187519	golgi SNARE	Mm.22114
305408	639437	AW557490	TC158249	calpain small subunit	Mm.6534
189631	240865	AW557555	TC203184	null	Mm.103528
84661	96160	AW557645	TC166754	null	Mm.103434
43659	55660	AW557704	TC176023	null	Mm.11669
90547	110047	AW557504	TC162476	GEG-154	Mm.5181
21796	36043	AW557576	null	null	Mm.88704
253163	316767	AW557658	TC160154	MAP kinase-activated protein k	Mm.29725
104234	138725	AW557718	TC175119	EN-7 protein	Mm.1972
0	0	AW558520	null	null	null
84508	80144	AW558585	null	null	null
50339	81177	AW558466	TC162088	null	Mm.21104
0	0	AW558639	TC175105	null	Mm.37592
24600	30114	AW558428	TC188597	null	Mm.33135
68729	68756	AW558478	TC190563	null	Mm.30933
16385	29267	AW558650	TC188138	null	Mm.27114
65558	75133	null	null	null	null
11141	14032	AW556843	TC167072	pleomorphic adenoma gene like	Mm.103199
0	0	AW556893	TC197609	null	null
0	0	AW556935	TC175037	NUP50	Mm.28379
38473	42826	AW556781	TC206140	null	Mm.33487
13750	27937	AW556857	TC187417	Ste-20 related kinase SPAK	Mm.41532
20205	21109	AW556903	TC178820	null	Mm.103204
46060	72193	AW556946	TC176907	null	Mm.24632
19185	25132	null	null	null	null
305080	273333	AW557827	TC194110	null	Mm.41510
185035	174627	AW557866	TC190502	null	Mm.41399
13085	11982	AW557921	null	null	null
33111	47729	AW557787	TC177337	null	Mm.13360
30341	35239	AW557841	null	null	Mm.103257
354077	226269	AW557879	TC200684	null	Mm.28015
12634	9780	AW557930	null	null	null
52912	79846	AW558717	TC204574	null	Mm.63139
291833	380345	AW558785	TC164475	null	Mm.25697
572128	557675	AW558849	TC188978	null	Mm.22379
21035	23932	AW558904	null	null	null
22197	46382	AW558733	null	null	null
219435	227732	AW558801	TC159999	SH3 domain-containing protein	Mm.86379
2555640	2703366	AW558867	null	null	Mm.46449
8427	10154	null	null	null	null
10632	18200	AW556518	TC162359	APEG-1 protein	Mm.2104
110735	184545	AW556575	TC175724	zinc finger protein (Zfx)	Mm.919
42721	53658	AW556638	TC157732	null	Mm.22179
109031	255399	AW556707	TC200130	null	Mm.21559
0	0	AW556534	null	null	null
1797	4845	AW556585	TC163121	null	Mm.9789
23370	27404	AW556675	null	null	Mm.103193
0	0	null	null	null	null

210083	356644	AW557492	TC182884	null	Mm.103240
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114586	124020	AW557650	TC161820	null	Mm.27716
23637	25146	AW557705	TC189424	null	Mm.29333
252552	267604	AW557507	null	null	Mm.103242
198071	321621	AW557582	TC186949	null	Mm.19191
1062392	1145751	AW557661	TC186790	transaldolase	Mm.29182
110950	167435	AW557726	TC189621	null	Mm.25869
80514	165241	AW558524	TC189099	null	Mm.3587
66925	70936	AW558587	null	null	null
7925	14443	AW558468	TC164253	null	Mm.103477
7070	14640	AW558642	TC179290	null	Mm.17715
28473	35009	AW558542	null	null	null
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58013	92202	AW558480	TC188162	null	Mm.27932
81972	78707	null	null	null	null
25392	61691	AW556761	TC201298	null	Mm.27134
47912	66363	AW556846	null	null	null
17373	24966	AW556894	null	null	Mm.103203
33208	31251	AW556940	TC200766	null	Mm.27959
0	0	AW556790	TC184132	null	Mm.102943
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181565	318901	AW557767	TC200003	Lps/Ran GTPase	Mm.7521
70824	75510	AW557828	TC203650	null	Mm.66616
15427	19838	AW557870	TC165061	null	Mm.40141
24603	26641	AW557922	TC163408	null	Mm.32180
107939	125604	AW557788	TC158331	filamin	Mm.28044
38265	57877	AW557842	TC166534	null	Mm.103258
63216	79356	AW557881	null	null	Mm.103260
21782	24947	AW557932	null	null	null
485091	1080906	AW558719	null	null	null
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58842	83530	AW558851	TC187345	methylenetetrahydrofolate dehy	Mm.443
32684	46364	AW558908	TC203017	null	Mm.42170
29983	33727	AW558734	null	null	null
2355488	2531599	AW558803	null	null	null
58986	76437	AW558870	TC174553	null	Mm.37744
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72254	103271	AW556576	null	null	null
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74202	100076	AW556708	TC176489	null	Mm.33904
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964547	1123597	AW556588	TC200047	triosephosphate isomerase	Mm.4222
33248	51861	AW556676	TC160568	null	Mm.41535
15415	13199	AW556713	TC189867	null	Mm.41506
26500	33044	AW557494	TC170761	null	Mm.103241
2718382	2882285	AW557566	null	null	Mm.103247
146583	156410	AW557651	TC200540	null	Mm.29683

952866	1885779	AW557711	null	null	null
872190	988124	AW557509	TC201665	null	Mm.27128
323291	471246	AW557583	TC161589	null	Mm.21428
189002	254852	AW557663	TC162416	null	Mm.38383
97540	165973	AW557727	TC206288	null	Mm.103251
12475	32941	AW558525	TC176027	serine/threonine protein kinas	Mm.2981
379158	285631	AW558591	TC159474	catalase (AA 1-527)	Mm.4215
61011	78708	AW558469	TC177172	phosphatidylinositol 3-kinase	Mm.41943
278411	378270	null	null	null	null
99838	141622	AW558544	TC200426	null	Mm.55
0	0	AW558431	TC205937	null	Mm.57472
124758	144311	AW558481	TC176280	null	Mm.38526
128210	153390	AW558655	null	null	null
39890	46222	AW556768	TC189103	null	Mm.28292
387545	586262	AW556849	null	null	null
73387	110373	null	null	null	null
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96402	122223	AW556792	TC160816	null	Mm.12436
23604	28707	AW556861	TC203752	null	Mm.83109
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453452	516224	AW557871	null	null	null
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8863	15067	null	null	null	null
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1423075	2241043	AW557939	null	null	null
79066	109415	null	null	null	null
769353	832932	AW558790	TC160037	MEM3	Mm.1178
1174179	1168420	AW558854	null	null	Mm.103296
170844	327351	AW558914	TC186481	Stat3B	Mm.3948
50199	56260	AW558736	null	null	null
306805	420301	AW558804	TC188779	null	Mm.17876
137089	188363	AW558874	TC189066	null	Mm.21912
1242105	1564247	AW558935	TC201626	glucosidase I	Mm.28188
13162	10555	AW556524	TC161752	null	Mm.89706
56133	56231	AW556577	TC194457	null	null
83356	149094	AW556642	TC175887	angiotensinogen precursor	Mm.8854
118620	162684	AW556709	TC186934	cyclin I	Mm.22711
5746	9634	AW556537	TC204530	null	Mm.63468
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432982	435040	AW556716	null	null	null
243768	274354	AW557499	TC159520	SOCS box-containing WD protein	Mm.28489
218514	229537	AW557567	TC174455	null	Mm.29107
96246	119719	AW557653	TC188108	ORC4-related protein	Mm.21834
66449	80428	AW557713	TC201930	null	Mm.26709
591771	664133	AW557518	TC211346	null	Mm.102831
1152915	2205649	AW557584	TC159792	null	Mm.13944

45096	60418	AW557668	null	null	null
90031	149795	AW557733	null	null	null
40383	46487	AW558527	TC161063	thymic epithelial cell surface	Mm.29710
13228	22175	AW558596	null	null	null
218754	269242	AW558472	TC162333	zinc transporter 4; ZnT4	Mm.27801
73226	101826	AW558645	TC178493	null	Mm.84658
1471474	2835138	AW558546	null	null	null
195077	226821	AW558433	TC175702	null	Mm.28810
38777	54809	AW558483	TC177418	huntingtin	Mm.16554
43427	69272	AW558663	null	null	Mm.17871
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3772	7606	AW556862	null	null	null
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92946	119531	AW557872	TC202351	ankyrin repeat-containing prot	Mm.24331
18335	23257	AW557925	null	null	null
32919	44707	AW557791	null	null	null
228874	429102	AW557843	TC160186	null	Mm.27190
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53837	52492	AW558794	null	null	null
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64535	58376	AW558915	TC176072	epicardin	Mm.16497
118995	185424	AW558738	TC203369	null	Mm.26532
173340	239340	AW558810	TC201010	connexin 37 or connexin 37.6	Mm.24615
169851	203782	AW558875	TC163042	null	Mm.9671
114203	197425	AW558941	TC172917	null	null
22605	29348	AW556525	TC191276	null	Mm.47702
26594	37306	null	null	null	null
20261	21188	AW556657	null	null	Mm.38891
67001	92275	AW556710	TC160613	C1 inhibitor	Mm.38888
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323882	444722	AW557573	TC186638	null	Mm.2875
1501496	1484198	AW557655	TC188854	IgD B-cell receptor-associated	Mm.4236
186012	226960	AW557715	TC202402	null	Mm.32860
28328	46660	AW557525	TC211259	null	Mm.103244
425805	537964	AW557595	TC159891	heterogenous nuclear ribonucle	Mm.2115
184719	180900	AW557669	TC174632	null	Mm.22374
521134	598958	AW557734	TC200860	null	Mm.28277
29453	34842	AW558531	TC175519	null	Mm.52275
25654	31344	AW558598	TC181294	null	Mm.63281

226489	251700	AW558476	TC160140	fertilization antigen-1; FA-1	Mm.29504
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15760	22899	AW558552	TC189515	null	Mm.17096
32447	29377	AW558437	TC174527	null	Mm.29997
309123	308250	AW558484	null	null	null
54399	42424	AW558664	TC201831	null	Mm.62982
28176	30822	AW556778	TC160170	transcobalmin II	Mm.20948
26603	25565	AW556852	TC203063	null	Mm.21537
53755	60326	AW556898	TC175581	p50b	Mm.2183
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6603	9054	AW556797	TC202774	null	Mm.22040
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37854	31717	AW556953	TC202042	null	Mm.29985
31060	30718	AW557780	TC189655	G gamma protein	Mm.45263
445127	438779	AW557839	TC173676	null	Mm.24499
216397	311378	AW557873	TC173958	Ino4 protein	Mm.110
71160	70545	AW557927	TC160141	Ubc7p homolog	Mm.29352
19785	20689	AW557795	null	null	Mm.103254
77869	69179	AW557845	TC202501	putative protein phosphatase t	Mm.28965
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19024	15801	AW558796	TC189045	null	Mm.41042
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71067	71494	AW558920	TC159029	null	Mm.35829
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37951	47830	AA615319	null	null	null
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24028	29484	BE534962	null	null	null
28185	39130	BE368338	null	null	null
83839	95407	BE377558	null	null	null
26064	23598	BE534455	null	null	null
142982	183668	BE532617	null	null	null
376424	392181	M86720	null	null	null
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70986	83553	BE382155	null	null	null
20142	29858	AI265129	null	null	null
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305652	622711	BE381647	null	null	null
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5758	10808	null	null	null	null
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8089	16371	AA833484	null	null	null
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3397	9647	AI006999	null	null	null
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63303	79881	BE534755	null	null	null
34506	84260	BE533270	null	null	null
24488	22839	BE369163	null	null	null
116890	112820	BE375862	null	null	null
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147998	288701	BE533494	null	null	null
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