

Min_inten	WT_inten	GB_acc	TIGR_TC	Role_guess	UniGene
110214	111736	AF159801	null	null	null
38604	46439	AF159803	null	null	null
47316	18660	X58149	null	null	null
158173	165692	U91966	null	null	null
199653	450331	AF168390	null	null	null
916218	359462	AF247559	null	null	null
358837	382390	X56062	null	null	null
104653	311447	AF198054	null	null	null
72699	79626	AI838353	TC190235	null	Mm.20332
46946	32568	AI835341	TC159795	null	Mm.34246
25655	7895	AI836148	TC162029	null	Mm.21814
20456	19212	AI835376	TC160090	epididymal secretory protein	Mm.29454
44463	44547	AI835491	TC205226	null	Mm.31336
0	0	AI835355	TC205891	null	Mm.22978
30264	39855	AI836154	TC187501	eIF3-p44	Mm.30080
3670	4805	AI835382	TC201576	paralemmin	Mm.34650
45335	66012	AI836959	TC201177	null	Mm.3037
57424	56935	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
7162	8660	AI838420	TC200460	null	Mm.22577
24953	27827	AI835993	null	null	null
0	0	AI836072	null	null	Mm.39118
126508	126427	AF159801	null	null	null
22761	27697	AF159803	null	null	null
10884	14061	X58149	null	null	null
161780	194031	U91966	null	null	null
268673	613180	AF168390	null	null	null
1125781	452922	AF247559	null	null	null
512247	631164	X56062	null	null	null
594690	1914955	AF198054	null	null	null
102796	116442	AI835524	TC201674	null	Mm.20274
131718	122819	AI835727	TC174086	null	Mm.28018
287057	282453	AI835907	TC173186	non-muscle myosin light chain	Mm.3328
43603	45677	AI835957	TC203042	null	Mm.41188
19781	20766	AI835546	TC161790	TDAG51	Mm.3117
32158	36627	AI835745	TC170501	null	Mm.41141
0	0	AI835920	TC162571	I47	Mm.4884
9229	12095	AI835964	TC175052	null	Mm.6793
15894	14619	AI836095	TC176694	null	Mm.41814
27157	29040	AI836772	null	null	Mm.39123
213888	201969	AI836804	TC159832	proteasome subunit C2	Mm.30097
201026	166861	AI836827	TC188337	null	Mm.28712
23420	26248	AI836101	TC186934	cyclin I	Mm.22711
17299	23325	AI840315	TC203506	platelet glycoprotein Ib beta	Mm.20365
9218	11033	AI836811	TC204903	null	Mm.40058
45229	57273	AI840336	TC175959	null	Mm.41536
20991	31906	AF159801	null	null	null
13220	16116	AF159803	null	null	null

73871	28916	X58149	null	null	null
111740	123276	U91966	null	null	null
123912	327786	AF168390	null	null	null
660995	254906	AF247559	null	null	null
235815	253578	X56062	null	null	null
14923	43053	AF198054	null	null	null
0	0	AI836342	TC190970	mHuC-L	Mm.3477
88972	92934	AI835344	TC173682	null	Mm.28725
0	0	AI836149	null	null	null
71036	64405	AI835377	TC174101	null	Mm.30028
32518	41321	AI835492	TC199927	null	Mm.31435
6051	4268	AI835986	null	null	null
0	0	AI835572	TC192055	null	Mm.40192
444068	373634	AI835385	TC159810	lactate dehydrogenase	Mm.26504
37997	58231	AI836960	null	null	Mm.41872
191654	146857	AI837011	TC200930	phosphatidylinositol transfer	Mm.3128
3203	4402	AI838479	TC173884	null	null
20453	25763	AI836066	TC174782	Nucleosome assembly protein 1-	Mm.2831
0	0	AI836973	TC164754	null	Mm.40311
110558	119450	AI838428	null	null	Mm.40763
27462	27449	AI835995	TC177825	null	Mm.23114
0	0	AI836074	TC165075	null	Mm.44094
128552	125594	AF159801	null	null	null
17802	29931	AF159803	null	null	null
94084	42223	X58149	null	null	null
753472	850512	U91966	null	null	null
275947	582018	AF168390	null	null	null
828752	321067	AF247559	null	null	null
202508	245816	X56062	null	null	null
725795	2130567	AF198054	null	null	null
14784	20518	AI835528	TC162980	null	Mm.34412
57331	70020	AI835731	TC186637	ryudocan core protein	Mm.3815
114741	178752	AI835909	TC159537	ribosomal protein S3	Mm.4696
25408	29733	AI835958	TC162231	null	Mm.3445
27615	40112	AI835548	TC176486	null	Mm.36523
114374	112832	AI835749	null	null	null
11737	18828	AI835922	TC157991	null	Mm.35707
16718	23575	AI835965	TC160681	null	Mm.22353
8747	7273	AI836096	TC177835	glial fibrillary acidic protei	Mm.5716
103574	115367	AI840311	null	null	Mm.40098
0	0	AI840324	TC205803	null	Mm.40741
45362	34738	AI836829	TC174656	protein kinase type II regulat	Mm.27046
0	0	AI836102	TC191755	null	Mm.44232
325172	247364	AI840316	null	null	null
93369	120049	AI840326	null	null	Mm.42960
5157	9509	AI840337	null	null	null
98715	117831	AF159801	null	null	null
6832	9971	AF159803	null	null	null
0	0	X58149	null	null	null
145423	158489	U91966	null	null	null
168859	434913	AF168390	null	null	null

653622	251683	AF247559	null	null	null
251597	239269	X56062	null	null	null
60643	196426	AF198054	null	null	null
5225	6469	AI836344	TC161427	null	Mm.28160
31864	46886	AI835983	TC163662	null	Mm.11346
19858	17765	AI836151	TC161911	null	Mm.28164
11424	14540	AI835378	TC178410	null	Mm.41362
3741	3385	AI836349	TC190365	null	Mm.6144
60227	70151	AI835359	TC158858	null	Mm.25393
126669	131531	AI835575	null	null	Mm.39111
0	0	AI835386	TC209382	null	Mm.44621
8253	18213	AI836962	null	null	null
47799	45798	AI838406	null	null	null
0	0	AI838481	TC160809	null	Mm.21881
8057	6456	AI836067	TC188246	Fus1 protein	Mm.21739
40955	32441	AI836976	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
0	0	AI838424	null	null	Mm.40404
0	0	AI835996	TC178862	null	Mm.40738
19540	14317	AI836075	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
55815	60424	AF159801	null	null	null
16478	22768	AF159803	null	null	null
0	0	X58149	null	null	null
255386	245606	U91966	null	null	null
137975	302415	AF168390	null	null	null
817294	313422	AF247559	null	null	null
225420	248641	X56062	null	null	null
225399	689411	AF198054	null	null	null
16478	18658	AI835531	TC188455	null	Mm.41558
31670	38978	AI835733	TC161019	small zinc finger-like protein	Mm.22201
189896	227878	AI835910	TC159548	calmodulin	Mm.18041
25329	36031	AI835959	TC174431	null	Mm.30184
0	0	AI835551	TC202066	null	null
76662	76757	AI835750	TC163683	null	Mm.41359
20767	22984	AI835924	TC200741	signal recognition particle su	Mm.2233
24412	24884	AI835967	TC201195	arylhydrocarbon receptor	Mm.4452
30317	30770	AI836097	null	null	Mm.40053
5842	4513	AI836774	TC175173	null	Mm.27520
0	0	AI836807	TC174649	null	Mm.39985
76568	39965	AI836830	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
0	0	AI836104	TC175373	intracellular hyaluronan-bindi	Mm.40989
0	0	AI836782	TC202829	neuroglycan C	Mm.38496
0	0	AI840328	null	null	Mm.41299
0	0	AI836837	TC162145	voltage-dependent calcium chan	Mm.3544
218705	238920	AF159801	null	null	null
35006	45342	AF159803	null	null	null
327880	126151	X58149	null	null	null
125808	140793	U91966	null	null	null
257353	552546	AF168390	null	null	null
1073984	425654	AF247559	null	null	null
449688	453654	X56062	null	null	null
215192	707262	AF198054	null	null	null

139475	132414	AI836346	TC174088	null	Mm.28018
234898	307842	AI835347	TC159944	tropomyosin 5	Mm.17306
14512	16945	AI836152	TC175329	null	Mm.22189
22312	23538	AI835379	TC175706	cancer associated surface anti	Mm.41436
0	0	AI835314	TC177502	cyclin dependent kinase 5 regu	Mm.136
48272	44485	AI835361	TC188923	c-fms protein precursor (AA -1	Mm.22574
7898	11820	AI835576	TC191333	null	Mm.39312
0	0	AI836170	TC187670	MYLE protein	Mm.41091
6856	8314	AI836964	TC201336	GS15	Mm.34315
7755	11577	AI838407	null	null	Mm.15571
21451	25163	AI838482	TC173504	HP1 alpha protein	Mm.28003
120274	113643	AI836068	null	null	Mm.39762
0	0	AI836977	TC173556	null	Mm.542
0	0	AI838435	TC190041	null	Mm.34087
0	0	AI835998	TC187718	cbp37	Mm.22327
0	0	AI836076	TC162982	vesicular inhibitory amino aci	Mm.7444
61063	63790	AF159801	null	null	null
0	0	AF159803	null	null	null
0	0	X58149	null	null	null
85251	84441	U91966	null	null	null
38130	82377	AF168390	null	null	null
131858	48851	AF247559	null	null	null
57819	44217	X56062	null	null	null
105785	281212	AF198054	null	null	null
0	0	AI835541	TC203165	null	Mm.40601
0	0	AI835735	TC170503	null	Mm.40733
0	0	AI835916	TC187105	null	Mm.42949
0	0	AI835960	null	null	Mm.38994
0	0	AI835555	TC204762	null	Mm.39311
0	0	AI835751	TC175971	unnamed protein product	Mm.44229
32683	35114	AI835929	TC199907	elongation factor 2	Mm.4968
0	0	AI835968	TC160224	null	Mm.3069
0	0	AI836098	null	null	null
0	0	AI840312	null	null	null
0	0	AI840325	TC186490	null	Mm.16783
0	0	AI840335	null	null	Mm.39154
0	0	AI836106	TC188187	null	Mm.18819
0	0	AI836784	TC173371	HRS	Mm.43331
0	0	AI840329	null	null	Mm.9621
0	0	AI836839	TC175398	null	Mm.41420
197581	205896	AF159801	null	null	null
51319	68766	AF159803	null	null	null
117020	55507	X58149	null	null	null
213507	259039	U91966	null	null	null
291734	734173	AF168390	null	null	null
937535	343462	AF247559	null	null	null
657586	672692	X56062	null	null	null
617756	1768636	AF198054	null	null	null
118654	159302	AI836347	TC159528	alpha-tubulin	Mm.4591
26379	39284	AI835353	TC176027	serine/threonine protein kinas	Mm.2981
80659	80483	AI836153	TC187239	null	Mm.28286

453688	262090	AI835380	TC173404	succinate dehydrogenase lp sub	Mm.29141
157315	232943	AI835315	TC200132	null	Mm.22723
14241	17631	AI835371	TC161008	Msx-interacting-zinc finger pr	Mm.42495
0	0	AI836158	TC162492	E2F-5	Mm.379
6100	10445	AI835388	TC174483	null	Mm.24652
9969	6947	AI836965	TC173553	Mlark	Mm.542
90559	80808	AI838412	TC186991	null	Mm.27818
10772	10395	AI835990	TC189380	null	Mm.41580
293734	313829	AI836069	null	null	null
40854	24638	AI836978	TC189951	HCNGP	Mm.3899
12364	14996	AI838436	TC186653	peroxisomal membrane protein 2	Mm.30215
0	0	AI835999	TC196189	null	Mm.67028
0	0	AI836077	TC188760	null	Mm.38347
0	0	AF159801	null	null	null
0	0	AF159803	null	null	null
0	0	X58149	null	null	null
0	0	U91966	null	null	null
0	0	AF168390	null	null	null
0	0	AF247559	null	null	null
0	0	X56062	null	null	null
0	0	AF198054	null	null	null
0	0	AI835542	null	null	Mm.39511
0	0	AI835737	TC173134	ribosomal protein L18	Mm.41923
0	0	AI835917	TC173700	null	Mm.22244
0	0	AI835962	null	null	Mm.22660
0	0	AI835556	null	null	Mm.39512
0	0	AI835752	null	null	null
4422	6636	AI835930	null	null	null
0	0	AI835592	TC159977	null	Mm.24108
0	0	AI836099	TC173252	translation repressor NAT1	Mm.525
0	0	AI836777	null	null	null
0	0	AI836808	TC159878	Id2 protein	Mm.1466
0	0	AI836832	TC187002	capping protein beta-subunit,	Mm.2945
0	0	AI836107	null	null	Mm.39119
0	0	AI836786	TC174865	complement subcomponent C1Q A	Mm.370
0	0	AI836812	TC174505	null	Mm.29829
0	0	AI836840	TC188760	null	Mm.40734
0	0	AF159801	null	null	null
34489	51701	AF159803	null	null	null
245206	79688	X58149	null	null	null
529658	546025	U91966	null	null	null
297326	735046	AF168390	null	null	null
999034	458893	AF247559	null	null	null
470368	472862	X56062	null	null	null
66753	168008	AF198054	null	null	null
37257	37340	AI836348	TC200632	null	Mm.28910
41000	43697	AI835985	TC201742	null	Mm.45776
30840	41475	AI835570	TC200921	null	Mm.38010
661447	1133778	AI835381	TC159524	ribosomal protein L5	Mm.4419
10957	8919	AI835316	TC164478	null	Mm.39109
58937	85117	AI836130	TC175930	SSeCKS	Mm.27481

581054	862924	AI836160	TC160021	null	Mm.68735
76222	82107	AI835395	TC157770	neural specific sr protein NSS	Mm.10229
0	0	AI836966	TC202176	null	Mm.760
29243	30738	AI838414	TC162019	null	Mm.6952
0	0	AI835992	TC163021	null	Mm.34074
15262	15887	AI836071	TC202846	null	Mm.27296
26586	27900	AI836979	TC173202	CCTtheta, theta subunit of the	Mm.36792
6373	5774	AI838442	null	null	Mm.40078
65997	36682	AI836001	TC173565	unnamed protein product	Mm.29945
0	0	AI836078	TC204929	inward rectifier potassium cha	Mm.4273
143930	145918	AF159801	null	null	null
63707	78897	AF159803	null	null	null
443051	174114	X58149	null	null	null
883052	955298	U91966	null	null	null
204779	515827	AF168390	null	null	null
706244	333837	AF247559	null	null	null
215210	197172	X56062	null	null	null
83225	58714	AF198054	null	null	null
0	0	AI835545	TC176138	null	Mm.41350
32666	33236	AI835741	null	null	null
10131	17042	AI835918	TC191706	null	Mm.41820
4591	8672	AI835963	TC187484	PIAS3	Mm.1635
20019	12271	AI835700	TC157427	null	Mm.29888
66523	42249	AI835755	TC189517	IGIF precursor polypeptide	Mm.1410
17416	15726	AI835931	TC173917	I3 protein	Mm.2585
450582	719929	AI836186	TC159569	ribosomal protein L3	Mm.3486
8218	12805	AI836100	TC160507	null	Mm.28052
7411	13949	AI836780	TC159907	null	Mm.34578
14690	19668	AI836810	TC161180	null	Mm.40708
17983	18895	AI836834	TC187200	null	null
0	0	AI836108	TC192169	null	Mm.40194
0	0	AI836787	TC203401	null	Mm.39711
19937	25343	AI836813	TC179744	null	Mm.40748
0	0	AI836841	TC158174	GABA-A receptor-associated pro	Mm.30064
17334	16615	AI836658	TC201594	COQ7 protein	Mm.20634
0	0	AI836361	TC192249	null	Mm.44097
19827	18889	AI836416	TC161710	null	Mm.21067
0	0	AI837050	TC175397	apoptosis associated tyrosine	Mm.6826
61427	66541	AI836666	null	null	null
7116	7854	AI836374	TC200460	null	Mm.22577
5404	9627	AI836865	TC181161	null	Mm.44102
170768	176040	AI837058	null	null	Mm.40751
25246	28266	AI838039	TC159545	heat shock protein 65	Mm.1777
28710	23475	AI838101	TC202777	null	Mm.34600
19007	12544	AI838163	TC159712	mouse RNA polymerase I 40kD su	Mm.41491
62148	75584	AI838216	TC200572	subtilisin/kexin isozyme SKI-1	Mm.29791
136600	186459	AI838055	TC160193	null	Mm.38438
42221	36806	AI838117	TC187824	62 kDa subunit of TFIIH	Mm.22700
0	0	AI838174	TC188633	null	Mm.22623
348302	308776	AI838226	null	null	null
7968	4279	AI838978	TC196346	null	Mm.39331

33685	27238	AI838733	null	null	Mm.39327
25591	21896	AI838775	TC157927	null	Mm.21657
0	0	AI841653	null	null	null
70019	78402	AI838986	TC174644	cerebellar leucine rich acidic	Mm.22717
11827	12513	AI838744	TC162351	null	Mm.41779
22738	20367	AI838788	TC186693	null	Mm.6072
15146	30595	AI841665	TC158961	membrane-type matrix metallopr	Mm.19945
10391	11224	AI837849	TC175792	null	Mm.43499
0	0	AI837961	TC169476	null	Mm.40759
0	0	AI838025	TC179408	null	Mm.39129
4540	6110	AI837419	TC177068	null	Mm.46213
185800	172215	AI837859	TC187202	null	Mm.29828
18808	22081	AI837970	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
36716	40586	AI837379	TC173844	null	Mm.27435
197246	195729	AI837434	TC175971	unnamed protein product	Mm.40066
10575	14891	AI838276	TC202479	null	Mm.40762
0	0	AI838326	TC159800	null	Mm.22708
54158	56523	AI838572	TC188411	null	Mm.39477
17169	20623	AI838624	TC186669	Sec61	Mm.28375
85299	87917	AI838289	TC182560	null	Mm.68864
109409	103490	AI838336	TC158232	sulfated glycoprotein	Mm.3363
102066	124236	AI838583	null	null	null
34611	39595	AI838634	TC174718	ubiquitin-specific processing	Mm.40986
47046	52057	AI839117	TC174356	null	Mm.26537
147102	96544	AI839156	TC173412	p68(beta ig-h3)	Mm.14455
96213	61630	AI840451	TC160325	CD98 heavy chain	Mm.4114
64905	43763	AI839307	null	null	Mm.39336
6708	10375	AI839123	TC189867	null	Mm.41506
56461	51405	AI839168	TC160602	null	Mm.41265
0	0	AI840468	TC207041	null	Mm.39155
8256	12235	AI839315	TC181043	null	Mm.39545
2972	4132	AI836659	TC163626	null	Mm.40262
702543	524182	AI836363	TC200017	thyroid hormone binding protei	Mm.16660
26947	35228	AI837019	TC199921	null	Mm.40068
12692	14450	AI837051	TC189245	null	Mm.29190
0	0	AI836668	null	null	Mm.39316
31816	19702	AI836376	TC164303	null	Mm.40031
0	0	AI837031	TC192091	null	Mm.41117
10808	13512	AI837059	TC202229	null	Mm.25547
16794	18909	AI838042	null	null	Mm.39777
3813	6357	AI838103	TC191456	null	Mm.41674
29099	25645	AI838164	TC203329	null	Mm.34858
5940	10849	AI838217	TC187021	null	Mm.4471
43125	32417	AI838056	TC187262	null	Mm.28422
34896	54468	AI838128	TC189493	epidermal surface antigen	Mm.3840
0	0	AI838176	null	null	Mm.40075
47143	25731	AI838228	TC175045	leukemia/lymphoma related fact	Mm.20920
11114	12386	AI838979	TC204290	null	Mm.42932
40024	27291	AI838735	TC188265	null	Mm.18634
0	0	AI838776	TC168404	null	null
7607	12280	AI841654	TC187476	serpentine receptor	Mm.13799

0	0	AI838708	TC200940	null	Mm.21187
43492	104459	AI838745	null	null	Mm.40767
14785	17134	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
119075	84072	AI837860	TC200103	cytochrome c oxidase subunit V	Mm.360
318104	356139	AI837976	TC158911	ribophorin	Mm.22130
124483	127295	AI837380	TC160456	null	Mm.37395
24376	23268	AI837436	TC191769	null	null
11434	27593	AI838277	TC202153	Net	Mm.4454
146921	156199	AI838328	null	null	null
218714	341829	AI838575	null	null	Mm.40081
72831	74025	AI838628	TC175452	null	Mm.29508
145302	144211	AI838290	TC200588	null	Mm.29778
22243	31469	AI838337	TC186882	null	Mm.42855
11183	8505	AI838584	TC189819	null	Mm.57466
249707	304435	AI838635	TC159890	mPRL-2	Mm.6355
121873	187575	AI839118	TC157213	Histone H1.4	Mm.22570
60692	65210	AI839158	TC173087	null	Mm.35812
40380	57460	AI840454	TC199903	c-myc binding protein MM-1	Mm.836
0	0	AI839309	TC164643	null	Mm.39785
228162	370952	AI839125	TC200021	null	Mm.43749
41019	43646	AI839173	null	null	Mm.39143
131603	208601	AI840469	TC186399	ribosomal protein S8	Mm.3381
23874	25270	AI839319	TC194290	null	Mm.41094
0	0	AI836662	TC173464	null	Mm.19825
19147	19960	AI836364	TC175973	null	Mm.40452
20501	23797	AI836864	TC176538	brain factor-1	Mm.4704
20984	29870	AI837052	TC188296	null	Mm.24707
0	0	AI836669	TC174720	null	Mm.41638
9045	16133	AI836378	TC210039	null	null
18018	15573	AI836866	TC189513	null	Mm.35674
0	0	AI837061	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
20807	26251	AI838043	null	null	null
9582	8555	AI838104	TC164913	null	Mm.39532
3018	3573	AI838165	TC210040	null	null
412742	352459	AI838219	null	null	Mm.40401
4571	4877	AI838057	TC176657	null	Mm.41118
1925952	1988430	AI838129	null	null	Mm.40761
9960	5899	AI838178	TC200267	V-1 protein	Mm.4143
0	0	AI838230	TC204897	rap1/rap2 interacting protein	Mm.1426
8393	11031	AI838980	TC161462	preprocathepsin K	Mm.3109
12660	6889	AI838739	TC210346	null	Mm.44008
13902	10936	AI838780	TC205819	null	Mm.45423
81618	93771	AI841659	TC189301	procollagenase	Mm.5022
34535	32502	AI838709	TC202067	spermatid perinuclear RNA bind	Mm.18034
76260	61965	AI838747	TC158331	filamin	Mm.28044
96897	79188	AI841614	TC200316	H2-IE-beta precursor	Mm.22564

8346	13979	AI841675	TC202932	null	Mm.41733
81811	85391	AI837851	TC182858	null	Mm.40338
4931	7011	AI837963	TC200558	chloride ion current inducer p	Mm.21482
110671	111491	AI837370	null	null	null
2363413	2206791	AI837425	TC157592	E25B protein	Mm.4266
48888	59810	AI837863	null	null	Mm.40757
0	0	AI837982	TC174688	null	Mm.32794
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0	0	AI841538	TC187828	null	Mm.41009
28423	47836	AI838282	TC199919	null	Mm.22774
0	0	AI838331	null	null	Mm.42430
14279	15462	AI838576	TC203351	null	Mm.54506
56200	70463	AI838630	TC173688	null	Mm.2815
0	0	AI838291	TC201770	homeobox protein	Mm.3869
25246	22455	AI838338	null	null	Mm.40402
7796	7675	AI838586	TC203183	null	Mm.23065
0	0	AI838636	TC177315	null	Mm.27795
0	0	AI839119	TC187603	null	Mm.36906
0	0	AI839161	TC176568	null	Mm.30766
5466	10263	AI840455	TC190292	null	Mm.41083
13377	12798	AI839310	TC161876	null	null
146125	191964	AI839126	null	null	Mm.39544
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0	0	AI840470	null	null	null
48198	48664	AI839320	null	null	Mm.39147
23996	20767	AI836663	TC187474	PxF protein	Mm.29198
0	0	AI836366	TC176783	null	Mm.44095
198105	187253	AI837026	null	null	Mm.39525
0	0	AI837054	TC210053	null	null
22691	20177	AI836671	null	null	null
26688	22812	AI836380	TC165687	null	Mm.39121
218731	278122	AI836867	TC187468	Bcl-2-binding protein	Mm.688
10722	10544	AI837062	TC159086	null	Mm.29482
41306	43132	AI838049	TC202102	null	Mm.29342
21140	20387	AI838105	null	null	null
0	0	AI838169	TC176450	dynamain	Mm.16080
23228	26725	AI838220	TC200442	GAPIII	Mm.18517
16800	14350	AI838058	TC181128	null	Mm.40399
42219	47202	AI838132	TC173109	ADAM23	Mm.39533
69478	63694	AI838188	TC158429	null	Mm.41272
62356	64559	AI838238	null	null	null
30507	33788	AI838982	TC174714	null	Mm.28030
31050	24962	AI838740	TC162203	null	Mm.41622
13922	16391	AI838782	TC208916	null	Mm.976
124351	118199	AI841660	TC161437	null	Mm.38804
57474	74385	AI838711	TC173803	PKCq-interacting protein PICOT	Mm.29675
15245	6538	AI838750	TC191239	null	null
38088	28308	AI841616	null	null	Mm.39163
25737	29280	AI841677	TC186809	null	Mm.27606
172833	198758	AI837853	TC200541	null	Mm.29135
16416	24213	AI837964	null	null	Mm.43078

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0	0	AI837427	TC158386	null	Mm.40802
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0	0	AI841545	null	null	Mm.40793
0	0	AI838284	null	null	Mm.39132
0	0	AI838332	TC187547	null	Mm.34184
17495	21122	AI838577	TC190425	null	Mm.39062
10595	15183	AI838631	TC203743	null	Mm.34792
7425	7950	AI838292	TC186556	null	Mm.41742
29202	25988	AI838339	TC190623	null	Mm.23099
359453	522024	AI838589	TC187878	TF-1 apoptosis related protein	Mm.21650
27843	33267	AI838637	TC160130	null	Mm.3871
149446	120482	AI839120	TC179960	null	Mm.54534
316211	330181	AI839162	TC200101	null	Mm.28626
84529	69876	AI840458	TC175597	null	Mm.29721
56602	51722	AI839311	null	null	Mm.4479
25941	36019	AI839129	TC186648	phosphodiesterase I/nucleotide	Mm.28107
215939	278893	AI839175	TC174778	null	Mm.29964
131194	131711	AI840472	null	null	Mm.40102
22044	21635	AI839322	null	null	null
5794	8273	AI836664	TC163821	null	Mm.41508
211826	164184	AI836367	TC158337	tapasin	Mm.4975
49320	45770	AI837028	TC160637	null	Mm.41297
30445	29892	AI836872	TC201236	null	Mm.28753
52071	59843	AI836676	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
68401	79429	AI836381	TC159654	gamma-actin	Mm.29913
114031	167555	AI837033	null	null	Mm.16820
75189	113943	AI836873	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
8453	12416	AI838050	TC162479	null	Mm.41248
0	0	AI838113	TC161899	null	Mm.41775
61177	94790	AI838171	TC161095	valyl-tRNA synthetase	Mm.28420
29979	45247	AI838222	TC187127	FK-506 binding protein homolog	Mm.6565
58445	102153	AI838060	TC160885	null	null
11373	8411	AI838133	TC175798	cornichon-like protein	Mm.3123
56349	57860	AI838189	TC190815	null	Mm.41291
0	0	AI838251	null	null	Mm.39534
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15661	16943	AI838741	TC160232	platelet-activating factor ace	Mm.24199
13584	11958	AI838783	TC162970	null	null
38951	33361	AI841663	TC200642	null	Mm.28600
5931	6693	AI838713	TC202411	null	Mm.12715
33539	34034	AI838753	TC161624	null	Mm.27500
26449	32151	AI841619	TC158341	null	Mm.27700
16351	14821	AI841678	TC162538	null	Mm.14787
121367	119688	AI837854	TC202008	null	Mm.28195
35976	56295	AI837967	null	null	Mm.40398
374875	151597	AI837373	TC201672	null	Mm.23940
678256	792426	AI837431	TC188233	Rab24 protein	Mm.18800
296749	704286	AI837866	null	null	null

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133426	160173	AI838286	TC160615	bmi-1	Mm.7719
170304	270461	AI838333	null	null	Mm.39133
149283	176529	AI838580	TC159015	interferon-g induced GTPase	Mm.33902
169748	175246	AI838632	TC200172	null	Mm.7884
90024	106029	AI838293	TC161915	null	Mm.29072
28768	26022	AI838340	null	null	null
736561	852852	AI838590	TC200630	COP9 complex subunit 4	Mm.957
58072	56473	AI838638	TC180989	tyrosine kinase	Mm.2536
243194	284804	AI839121	null	null	null
88973	82050	AI839164	TC173318	null	Mm.18688
60583	82024	AI840464	TC162732	null	Mm.36756
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21899	24049	AI839176	TC159876	glutamine synthetase	Mm.41660
4880	3179	AI840482	TC174964	null	Mm.1795
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0	0	AI836665	null	null	Mm.40387
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0	0	AI837035	TC175520	null	Mm.39715
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69610	86548	AI838253	null	null	Mm.40076
27922	71678	AI838985	TC200994	CIRP	Mm.17898
32178	42637	AI838742	TC173957	unknown protein	Mm.17392
126142	126968	AI838784	TC173427	null	Mm.5885
71269	133014	AI841664	TC186563	null	Mm.3797
35460	41666	AI838714	null	null	null
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94047	93340	AI841622	null	null	Mm.40795
47754	47374	AI841681	TC174701	null	Mm.29408
162473	128589	AI837858	TC202570	protein kinase C beta-II (AA 1	Mm.4182
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61488	63947	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
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23630	20958	AI838581	TC162348	null	Mm.29046
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64213	68452	AI838591	TC159560	cytoskeletal beta-actin	Mm.297
3383	5408	AI838641	TC175543	arf-like protein 2	Mm.21071
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79661	73794	AI839167	null	null	null
26874	25655	AI840465	TC204369	null	Mm.40703
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85670	101158	AI839324	TC200160	null	Mm.26956
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22833	23012	AI839764	TC187479	null	Mm.18539
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0	0	AI839953	TC201789	Meis3	Mm.4710
208398	237202	AI839723	null	null	Mm.40092
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35108	32234	AI839579	TC203964	chromogranin A	Mm.4137
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17805	15198	AI837073	TC173957	unknown protein	Mm.41472
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59556	62461	AI840561	TC157231	ENO2	Mm.3913
13247	15156	AI840605	TC187071	null	Mm.24341
0	0	AI840663	TC173309	protein-tyrosine kinase substr	Mm.584
13280	11681	AI840515	null	null	null
45239	49996	AI840578	TC189344	receptor interacting protein 1	Mm.20895
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359845	266806	AI840673	TC173114	ARL-6 interacting protein-1	Mm.29924
5976	10847	AI840003	TC182838	null	null
209376	220151	AI840267	TC187598	null	Mm.25161
796540	753978	AI841963	null	null	Mm.40116
24670	14747	AI840037	TC161073	selenoprotein R	Mm.28212
265715	497578	AI840232	TC159707	SPARC (aa 1-302)	Mm.35439
130421	154457	AI840276	TC201528	null	Mm.27768
16956	18562	AI840011	null	null	null
2564088	1549626	AI840354	TC174054	null	Mm.30158
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23386	31249	AI837616	TC191685	null	Mm.39463
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7139	7450	AI839232	TC205392	null	Mm.23897
26113	29505	AI837343	TC200873	null	Mm.29047
37427	44838	AI837627	TC160807	MNUDC protein	Mm.69
89298	115093	AI837657	TC159750	null	Mm.20946
34756	38008	AI839252	TC173800	Fc receptor (FcRn)	Mm.3303
185624	196611	AI840693	null	null	Mm.39343
82352	74290	AI834764	TC181290	null	Mm.41549
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179517	170523	AI841203	null	null	Mm.39161
60508	51779	AI839718	TC161877	null	Mm.27579
16689	10930	AI839766	TC160409	null	Mm.44202
0	0	AI839581	TC204194	porcupine-B	Mm.41749
7516	6525	AI839954	TC175010	null	Mm.34046
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4317	3163	AI839777	null	null	Mm.15571
11364	11503	AI839580	TC204217	null	Mm.37750
6396	6242	AI839967	TC203933	null	Mm.39791
37907	33821	AI837076	TC165186	null	Mm.40606
43541	50984	AI837129	null	null	Mm.42563
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9446	11338	AI837287	TC186868	qkl-7	Mm.2655
6239	7252	AI837091	null	null	Mm.40062
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88015	76029	AI841022	TC200713	null	Mm.39157
7494	8676	AI840562	TC190581	null	Mm.39794
48780	43534	AI840606	TC174547	ATP-dependent metalloprotease	Mm.23335
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14233	13962	AI840518	TC176268	null	Mm.41908
39178	33865	AI840579	TC173617	serine racemase	Mm.19015
30976	33648	AI840621	TC166415	null	Mm.40783
351839	281892	AI840674	null	null	Mm.42432
141855	127127	AI840008	TC202124	pericentriolar material-1	Mm.28192
304060	436081	AI840270	TC160140	fertilization antigen-1; FA-1	Mm.29504
441653	526559	AI841966	TC186553	AMP activated protein kinase	Mm.6670
21143	27262	AI840039	TC202415	null	Mm.22094
50452	46412	AI840233	TC200918	K+ channel beta-1 subunit	Mm.1438
396685	507408	AI840277	TC186422	murine valosin-containing prot	Mm.18921
508979	498122	AI840013	TC187206	null	Mm.28883
297652	387239	AI840360	null	null	Mm.40099
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31150	27245	AI837617	null	null	null
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100562	97663	AI839237	null	null	Mm.39333
61863	66792	AI837346	null	null	Mm.39127
57646	53773	AI837630	TC200341	null	Mm.24387

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66809	69082	AI839257	TC182795	null	Mm.39146
68721	75492	AI840695	null	null	Mm.39795
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84410	81623	AI841147	TC188087	null	Mm.28121
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68642	53158	AI834778	TC173244	angiotensin II AT2 receptor-in	Mm.28951
24408	28235	AI841154	TC200779	G9A	Mm.28155
27017	20466	AI841207	TC196558	null	Mm.20117
183137	162714	AI840048	TC175389	TOM1	Mm.1967
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24318	21802	AI837130	TC201733	null	Mm.39038
23714	23416	AI837260	TC188126	null	Mm.22594
18033	18286	AI837288	TC190884	null	Mm.24919
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28611	26599	AI837146	TC200974	null	Mm.35449
11996	14180	AI837214	TC175718	null	Mm.4714
58545	70748	AI837299	TC158506	573K1.1.2 (gamma-aminobutyric	Mm.32191
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22678	18489	AI840564	null	null	null
34330	35467	AI840607	TC188673	CD53	Mm.30351
139706	103663	AI840666	TC159441	medium-chain acyl-CoA dehydrog	Mm.10530
24531	28221	AI840522	TC158667	neural cell adhesion molecule	Mm.4974
26490	22601	AI840580	null	null	Mm.39156
32384	25505	AI840624	TC189502	null	Mm.35302
382475	300739	AI840632	TC202818	null	Mm.27241
13479	15474	AI840009	TC165538	null	Mm.41819
21911	17673	AI840271	TC205288	netrin-1 precursor	Mm.39095
23865	24040	AI841967	TC200932	null	Mm.24870
746204	695344	AI840041	TC175810	null	Mm.23094
61367	49054	AI840235	null	null	Mm.29926
7728	7587	AI840282	TC200804	null	Mm.18959
57877	58273	AI840014	TC159542	myelin basic protein	Mm.2992
111801	111292	AI840361	TC157377	null	Mm.40423
278463	150213	AI837335	null	null	null
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56306	64980	AI837653	TC200166	cAMP-dependent protein kinase	Mm.30039
193794	269129	AI839241	TC200170	cellular nucleic acid binding	Mm.7335
7924	9818	AI837348	null	null	Mm.39528
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61039	53106	AI839261	TC158927	null	Mm.44226
22325	19773	AI840697	TC189223	N-myristoyltransferase 1	Mm.10265

10462	10139	AI834767	TC201203	null	Mm.33343
2392	3039	AI841149	null	null	Mm.39559
7227	6329	AI841195	TC164616	thromboxane A2 receptor	Mm.4545
28663	27557	AI840704	TC193225	null	Mm.41039
25370	21193	AI834782	TC174058	Mus musculus AbI5H3 binding pr	Mm.1531
117045	126587	AI841156	null	null	null
341165	313151	AI841209	TC200457	clathrin-associated AP-2 compl	Mm.18946
48309	37789	AI839719	TC161641	null	Mm.28924
26687	27333	AI839768	TC157644	coproporphyrinogen oxidase	Mm.35820
24691	25157	AI839583	TC159194	ICAD-S	Mm.41433
5301	4805	AI839959	TC177861	null	Mm.39551
16564	16415	AI839804	TC162067	null	Mm.18268
7579	4403	AI839783	TC163900	D3	Mm.4880
34213	34566	AI839587	TC174024	p19 protein	Mm.29020
21859	21214	AI839969	TC189038	MmZW10	Mm.24791
34640	37019	AI837082	TC188885	null	Mm.33338
45337	38682	AI837134	TC200370	null	Mm.30204
29138	34916	AI837264	TC188200	null	Mm.29624
19310	18223	AI837290	TC188346	null	Mm.24671
17142	23570	AI837094	TC165357	null	Mm.22970
21328	17416	AI837147	TC203170	vacuolar protein sorting homol	Mm.2582
94369	89476	AI837217	null	null	null
75453	69297	AI837302	TC173621	null	Mm.21356
17837	23719	AI841030	TC204652	null	Mm.41313
58358	81183	AI840565	TC186619	Sm-B protein	Mm.4205
1172407	1124290	AI840610	null	null	null
99951	91956	AI840667	TC188032	COPI coatomer complex, beta su	Mm.27327
2588337	2366300	AI840523	null	null	Mm.40782
14364	13494	AI840581	TC164347	null	Mm.31199
13628	17270	AI840625	TC190672	null	Mm.17573
44521	43599	AI840633	TC177192	null	Mm.38021
0	0	AI840225	TC173656	null	Mm.28571
8409	7840	AI840272	TC159162	null	Mm.41154
145818	104342	AI841968	null	null	null
0	0	AI840042	TC176039	null	Mm.41688
0	0	AI840237	null	null	null
0	0	AI840283	TC174974	null	Mm.24806
67883	37181	AI841974	TC160746	null	Mm.52
507783	415313	AI840364	TC179551	null	null
0	0	AI837336	null	null	Mm.40063
23888	21238	AI837621	TC187543	null	Mm.29386
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10410	10646	AI839243	TC160521	null	Mm.39067
99225	133104	AI837350	TC179575	null	Mm.40064
36334	38175	AI837633	TC165970	null	Mm.63820
16212	21154	AI839200	TC175718	null	Mm.4714
45503	50717	AI839264	null	null	null
44824	43211	AI840698	TC158178	297 aa protein	Mm.4284
53343	53113	AI834768	TC189902	null	Mm.38806
21816	26797	AI841150	TC187399	null	Mm.29866
314389	97318	AI841196	TC207186	null	Mm.40855

0	0	AI840706	TC203866	null	Mm.32716
0	0	AI834783	TC164808	GABA-A receptor alpha-1 subuni	Mm.4914
25383	30379	AI841157	null	null	Mm.298
1502031	1170092	AI841210	TC175575	null	Mm.28988
80234	81446	AI839720	TC203914	null	Mm.41243
119814	153424	AI839773	TC186500	ubiquitin conjugating enzyme U	Mm.3268
10337	5616	AI839585	TC201790	NVP-1	Mm.5078
939316	483768	AI839962	TC200060	malate dehydrogenase	Mm.3156
15718	24050	AI839806	TC160851	potassium channel modulatory f	Mm.29194
24101	19466	AI839784	TC176156	null	Mm.34598
0	0	AI839589	TC186843	14-3-3 protein gamma	Mm.29717
146338	106090	AI839975	TC160182	null	Mm.22467
8678	13947	AI837083	null	null	Mm.39773
148206	138903	AI837136	null	null	null
16749	23001	AI837265	TC175454	null	Mm.25162
16877	13789	AI837292	TC204171	calmodulin-dependent phosphodi	Mm.62
4636	4419	AI837098	null	null	null
33508	34434	AI837158	TC202289	null	Mm.9934
13486	13738	AI837219	TC175413	null	Mm.32950
39208	37605	AI837306	TC177359	null	Mm.34093
74469	106039	AI840511	null	null	null
17575	16707	AI840566	TC174954	null	Mm.28709
68747	84910	AI840617	null	null	null
36713	42498	AI840668	TC159109	null	Mm.38529
63447	47799	AI840524	TC173244	angiotensin II AT2 receptor-in	Mm.34748
43711	49196	AI840582	TC200940	null	Mm.21187
0	0	AI840627	TC202659	potassium channel protein-1 (A	Mm.2493
285544	231482	AI840634	TC177481	PACSLN	Mm.4926
410865	428808	AI840227	TC186503	mCDC47	Mm.18923
356268	349284	AI840273	null	null	null
46899	41014	AI841970	TC187710	hypothetical protein	Mm.26080
9860	16567	AI840349	TC187896	null	Mm.749
21146	24687	AI840238	TC186811	BAP31	Mm.17
61726	49259	AI840284	TC186497	aldehyde reductase	Mm.30085
16991	18958	AI840021	TC188155	null	Mm.28499
0	0	AI840367	TC160293	null	Mm.34832
41756	50271	AI837337	TC187081	null	Mm.44227
0	0	AI837622	null	null	null
27479	30420	AI837655	TC200948	null	Mm.29769
134474	96289	AI839244	TC176486	null	Mm.36523
76337	81116	AI837358	TC162320	null	Mm.41631
105775	112823	AI837634	null	null	Mm.39322
103125	97130	AI839202	null	null	null
16607	16492	AI839265	null	null	Mm.39334
0	0	AI840700	null	null	Mm.19189
127972	147403	AI834770	TC161662	null	Mm.25581
19126	13016	AI841151	TC157725	DM-20 protein	Mm.1268
12326	9156	AI841197	TC201776	null	Mm.44151
31088	32721	AI840707	null	null	null
1429212	1188289	AI834784	null	null	Mm.40728
13194	8634	AI841162	null	null	null

52100	54320	AI841212	TC162789	unnamed protein product	Mm.20324
214081	208975	AI839722	TC159831	null	Mm.42256
28856	39409	AI839774	TC160206	null	Mm.30161
33642	40179	AI839578	TC173358	null	Mm.7091
22901	26122	AI839964	TC165191	class I MHC-restricted T cell	Mm.42791
39251	38601	AI839807	null	null	null
41207	44254	AI839785	null	null	null
23470	22086	AI839592	TC201423	null	Mm.41856
0	0	AI839976	TC194141	null	null
24496	25340	AI837084	TC186892	null	Mm.29369
26535	33046	AI837137	TC160854	null	Mm.20353
353823	376873	AI837271	null	null	Mm.39527
241381	218851	AI837293	TC186854	null	Mm.1479
161101	167867	AI837099	TC158967	null	Mm.28873
35358	39105	AI837159	TC164200	null	null
99942	161787	AI837221	TC200132	null	Mm.22723
44491	47201	AI837311	TC161048	null	Mm.28527
58273	52489	AI840514	TC188853	null	Mm.69091
19221	22854	AI840575	null	null	Mm.39556
191832	287516	AI840618	TC173319	null	Mm.43640
166551	173379	AI840671	null	null	null
209943	206130	AI840529	null	null	null
59214	53750	AI840583	TC160584	stromal cell protein	Mm.645
127433	131382	AI840629	TC157649	transcription factor S-II	Mm.26743
147557	136291	AI840676	TC173092	brain beta spectrin	Mm.20405
38376	40089	AI840231	TC201508	null	null
833116	785127	AI840275	null	null	Mm.3776
589422	577190	AI841971	TC193340	null	Mm.40436
1078043	937871	AI840350	TC173311	flavin-containing monooxygenas	Mm.1668
160475	142718	AI840239	TC175365	null	Mm.24603
166418	274693	AI840290	TC160385	null	Mm.29436
579377	345685	AI840023	TC160313	null	Mm.730
36373	33502	AI840369	TC175812	secretogranin III	Mm.2386
9102	14645	AI837338	TC157630	lysosomal alpha-glucosidase	Mm.4793
8373	9616	AI837624	TC169496	null	Mm.40395
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0	0	AI839250	TC194681	null	Mm.39145
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30229	33113	AI837635	TC187471	null	Mm.25849
79023	81638	AI839203	null	null	null
42440	45427	AI839040	null	null	Mm.2632
85686	66515	AI840701	TC186880	null	Mm.30012
9406	10313	AI834775	TC157232	null	Mm.32279
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40386	40634	AI841201	TC164744	null	Mm.40432
37842	35188	AI840710	TC202931	null	Mm.38813
36580	34154	AI834785	TC188976	unnamed protein product	Mm.41634
50932	54526	AI841163	TC162145	voltage-dependent calcium chan	Mm.3544
1274949	880501	AI841215	null	null	Mm.40433
6100	6436	AI843348	TC160239	WW domain binding protein 11	Mm.3855
16894	13712	AI843395	TC174717	ubiquitin specific protease 16	Mm.27510

32134	32308	AI842520	TC164277	null	Mm.39471
0	0	AI842567	TC157236	RNA helicase	Mm.3880
0	0	AI843362	TC191672	calcium channel alpha-2-delta-	Mm.42133
11056	11387	AI843403	TC190202	null	Mm.2013
96739	86646	AI842531	TC159185	null	Mm.46530
80907	87953	AI842571	TC201755	tum- transplantation antigen	Mm.22596
18947	18862	AI843588	TC194745	null	Mm.40453
15005	14982	AI843260	TC161253	null	Mm.22543
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92538	125979	AI845427	TC160826	null	Mm.41079
18511	19974	AI843598	TC159785	null	Mm.2050
58517	61928	AI843274	TC158957	null	Mm.17224
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27873	23815	AI845440	TC191507	null	Mm.41431
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8492	9739	AI843721	TC202738	null	Mm.21308
41839	46791	AI843083	TC202871	apoptotic protease activating	Mm.20836
12819	16173	AI843132	null	null	Mm.40134
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29248	28529	AI843733	null	null	null
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0	0	AI843141	TC160610	null	Mm.27969
47276	50806	AI845747	TC188344	ZO-1	Mm.4342
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217771	243611	AI843477	TC187273	clathrin adaptor protein mu3A	Mm.3256
0	0	AI842611	TC176665	null	null
32706	41652	AI845761	TC201904	null	Mm.37613
31538	31826	AI843429	TC207652	null	Mm.60578
45114	40432	AI843491	TC202915	MEK kinase 4a	Mm.28587
233629	242597	AI842621	TC188224	VAMP-associated protein 33b	Mm.38800
24372	23310	AI845474	null	null	Mm.42654
191441	199912	AI845521	TC180005	null	Mm.40827
72397	192170	AI846732	TC201548	gamma-glutamyl hydrolase precu	Mm.20461
222740	430809	AI846778	TC159930	decorin	Mm.1987
12745	15829	AI845481	TC173543	null	Mm.27035
27972	32354	AI845537	TC187713	null	Mm.28330
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18894	21086	AI843859	TC197846	null	null
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18607	32335	AI843396	TC201375	null	Mm.41780
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24958	26893	AI843591	TC160469	null	Mm.29106
224227	304306	AI843263	TC159918	null	Mm.28051
22608	32340	AI843302	TC176312	null	Mm.25941
36899	30674	AI845428	TC174768	laminin B1	Mm.963
68535	49103	AI843599	null	null	Mm.39574
36260	28234	AI843276	TC186573	null	Mm.25586
4826	11747	AI843313	TC160665	glypican-3	Mm.22515
42116	40449	AI845443	TC187736	m-Numb	Mm.4390
8885	14963	AI843676	TC187467	null	Mm.30673
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21292	18340	AI845764	null	null	Mm.40160
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37891	41968	AI842623	TC177977	null	Mm.40806
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118146	110064	AI846733	TC188808	null	Mm.34034
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66983	61544	AI845539	TC160114	null	Mm.2017
160636	151332	AI846743	TC173821	SM22 alpha	Mm.2006
9327	11865	AI846793	TC188348	null	Mm.29071
19552	26270	AI843178	TC159985	cerebellum postnatal developme	Mm.33875
145422	134631	AI843216	TC174310	acid sphingomyelinase-like pho	Mm.2379
4066	4046	AI843852	TC191416	null	Mm.39834
47664	50364	AI843886	TC164333	null	Mm.41176
25172	25122	AI843190	TC195203	null	Mm.33374
32683	35717	AI843223	TC161903	null	Mm.28686
16124	19449	AI843862	TC206263	null	Mm.32893
39383	57316	AI843895	TC200011	null	Mm.17253
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10809	22480	AI842533	TC159527	macrophage migration inhibitor	Mm.2326
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41038	38059	AI843304	TC175477	CCAAT/enhancer binding protein	Mm.34537
63132	68070	AI845433	TC174885	null	Mm.36036
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8982	11414	AI843435	null	null	null
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15203	83141	AI845477	TC174466	I-kappa B alpha chain	Mm.8884
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5631	7932	AI846734	TC160912	Gas1 protein	Mm.22701
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17720	19184	AI843191	TC163355	null	Mm.33993
26210	27780	AI843224	TC157237	null	Mm.34189
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87010	64741	AI843399	TC163418	null	Mm.21475
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78570	64751	AI842562	TC200371	null	Mm.2500
7474	7133	AI843371	TC162786	doublecortin	Mm.12871
19204	20393	AI843409	TC158940	Sid6061p	Mm.25198
26480	36673	AI842535	TC160032	P311	Mm.4919
16865	33888	AI842576	TC187886	TWIK-1 K+ channel	Mm.10800
22353	23177	AI843593	null	null	Mm.39829
40706	56657	AI843267	TC202512	null	Mm.18425
55316	59685	AI843305	TC201530	mCAC	Mm.29666

201043	168056	AI845434	null	null	Mm.42437
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71818	66756	AI843280	null	null	null
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31645	26977	AI845446	TC173930	null	Mm.29869
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68452	80908	AI843688	TC186655	null	null
14224	18006	AI843738	TC175668	null	Mm.1196
156707	250422	AI843104	TC173154	dead-box RNA helicase	Mm.18459
0	0	AI843146	TC174443	null	Mm.34645
196682	233204	AI845758	TC161802	null	Mm.28206
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0	0	AI843485	TC160021	null	Mm.68735
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51868	42162	AI845767	TC157284	p53-inducible zinc finger prot	Mm.35705
113165	100024	AI843440	TC160168	null	Mm.21811
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2813389	2971443	AI842629	TC212353	null	null
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167508	129972	AI845532	TC160543	null	Mm.43040
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36866	34152	AI846787	TC188199	null	Mm.24383
51005	46600	AI845491	TC199898	microsomal glutathione S-trans	Mm.14796
19699	28179	AI845541	TC195748	null	null
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30775	35475	AI843180	TC160275	null	Mm.41588
131690	133357	AI843219	TC207608	null	Mm.44624
158549	148085	AI843855	TC198663	null	null
42973	40031	AI843890	null	null	Mm.40816
33469	27950	AI843192	TC175662	null	Mm.39364
9238	9981	AI843230	TC204411	null	Mm.31525
100213	97347	AI843864	TC162218	type II phosphatidylinositolph	Mm.21518
20255	18204	AI843899	TC160221	NSD1 protein	Mm.12964
49564	62473	AI843358	TC189037	null	Mm.1915
14603	11425	AI843400	TC165190	null	Mm.29272
15875	18239	AI842529	TC162092	null	null
116464	102006	AI842563	TC205256	null	Mm.29616
0	0	AI843373	TC200195	null	Mm.31800
81382	77320	AI842497	TC202119	null	Mm.9864
36080	45785	AI842537	TC158970	null	Mm.25364
20246	23824	AI842580	null	null	null
32665	38991	AI843596	TC190576	null	Mm.41534
57813	76894	AI843268	null	null	null
12265	18590	AI843306	TC211871	null	Mm.39826
0	0	AI845437	TC157231	ENO2	Mm.3913
60058	64221	AI843603	TC164432	null	null
33257	60951	AI843282	TC187645	alpha 2 (IV) collagen fragment	Mm.6954

27884	26411	AI843320	TC186412	null	Mm.6586
46110	37125	AI845447	TC187949	null	Mm.21440
51554	36885	AI843682	TC157780	null	Mm.25265
9445	12995	AI843729	null	null	Mm.41250
0	0	AI843095	TC189286	null	Mm.41101
4283	4118	AI843138	TC186597	synaptotagmin 4	Mm.2446
31173	38993	AI843689	TC158398	serine/threonine kinase	Mm.8901
47424	49777	AI843739	TC201777	transducin beta like 1	Mm.26802
36762	31145	AI843110	null	null	Mm.39823
0	0	AI843153	TC190034	null	Mm.27599
737621	641804	AI845759	TC208607	null	Mm.40829
979692	974371	AI843424	TC201021	null	Mm.28521
969385	1016600	AI843486	TC194320	null	null
389857	342407	AI842618	TC165573	zinc finger DNA-binding protei	Mm.44137
203152	178300	AI845768	TC203741	membrane-type-4 matrix metallo	Mm.42047
1434970	1346908	AI843446	TC200644	null	Mm.27339
72285	95778	AI842590	TC169514	null	null
615029	636041	AI842633	TC203754	alphaA-CRYBP1	Mm.4808
81567	73075	AI845479	TC186794	null	Mm.27357
188950	182849	AI845533	TC203525	null	Mm.41010
27063	27119	AI846739	TC173984	null	Mm.30969
19844	19896	AI846790	TC169511	null	Mm.40319
56826	68593	AI845493	null	null	null
201594	201510	AI845542	TC200983	null	Mm.27509
207307	188342	AI846749	TC189579	mammalian atonal homolog-3	Mm.10695
2648824	2256449	AI846797	TC159009	tropomodulin 3	Mm.38445
326618	233659	AI843182	TC189227	null	Mm.24021
34167	48201	AI843220	null	null	Mm.39365
33405	33524	AI843857	TC174351	null	Mm.33932
79028	93872	AI843891	TC173657	null	Mm.22456
45842	44410	AI843193	TC163343	null	Mm.32812
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38193	33828	AI843865	TC166584	null	Mm.39578
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83947	73431	AI843361	TC209983	null	null
120344	88564	AI843401	TC201348	null	Mm.27182
6012	8553	AI842530	TC164774	null	Mm.41624
53546	56650	AI842564	TC159865	X16	Mm.28732
43610	36517	AI843374	TC189449	null	Mm.41084
0	0	AI842500	TC175500	null	Mm.40833
96021	83209	AI842538	TC174147	PA28 alpha subunit	Mm.830
0	0	AI842581	null	null	null
136480	149148	AI843597	TC176853	null	Mm.4614
26286	27296	AI843271	TC184811	null	null
28021	26863	AI843307	null	null	Mm.40137
35723	42161	AI845438	TC160887	null	Mm.23975
41809	22634	AI843604	TC203559	null	Mm.44191
133382	92663	AI843284	TC159426	retinoid X receptor interactin	Mm.3776
0	0	AI843323	TC177072	latent TGF-beta binding protei	Mm.3900
1440609	1731046	AI845449	TC189126	null	Mm.794
130905	157857	AI843683	TC190266	null	Mm.31890

77385	83177	AI843731	TC158834	unnamed protein product	Mm.20877
12346	12261	AI843096	TC161051	F3 preprotein (AA -20 to 1000)	Mm.40264
8109	8321	AI843139	TC177609	protein kinase C epsilon	Mm.12808
142449	122067	AI843690	null	null	null
175807	98613	AI843740	TC162466	null	Mm.31066
20148	24458	AI843112	TC188245	nervous system-specific RNA bi	Mm.46667
30599	33746	AI843154	TC181522	null	Mm.33730
102280	107565	AI845760	null	null	null
18482	17681	AI843425	null	null	Mm.39827
59903	61567	AI843490	TC182745	null	Mm.40451
95942	86416	AI842619	TC202734	null	Mm.40282
105867	115947	AI845773	TC174403	null	Mm.14569
191645	127351	AI843448	TC200542	null	Mm.29823
200910	148653	AI842591	TC182828	null	Mm.67030
32229	25033	AI842634	null	null	Mm.7277
0	0	AI845480	TC169459	null	null
62712	51826	AI845534	TC192525	null	null
20127	23934	AI846740	TC187721	DPM2	Mm.22001
0	0	AI846791	TC182755	null	Mm.67037
7025	19929	AI845500	TC188977	null	Mm.24592
0	0	AI845545	TC205222	null	Mm.41647
0	0	AI846750	null	null	null
15771	16208	AI846798	TC163208	null	Mm.28865
12152	10904	AI843187	TC174743	unnamed protein product	Mm.41198
27293	19881	AI843221	TC204562	null	Mm.41871
53722	54834	AI843858	TC204320	null	Mm.41351
55226	53037	AI843892	TC161912	null	Mm.28371
54734	41922	AI843194	TC200643	putative membrane associated p	Mm.9052
81262	75159	AI843236	TC160729	FT1 protein	Mm.28027
10641	11839	AI843866	TC190500	null	Mm.41388
19933	26890	AI843901	TC161842	null	Mm.227
5216	6946	AI846314	TC208350	ancient conserved domain prote	Mm.39388
10935	5856	AI846368	TC173503	null	Mm.15351
0	0	AI842858	TC187199	null	Mm.28327
15713	16705	AI842902	TC191073	null	Mm.33937
70140	87152	AI846329	TC176705	neurotensin receptor 3	Mm.44118
38276	60371	AI846382	TC186893	null	Mm.21707
164761	254729	AI842867	TC189985	null	Mm.28779
12621	19813	AI843751	TC174684	spermidine synthase	Mm.10
195987	188704	AI846707	TC173646	beta prime coatomer protein	Mm.18729
0	0	AI846136	null	null	Mm.40479
7261	8036	AI846150	TC201679	tumor-rejection antigen SART3	Mm.29594
19206	29494	AI846851	TC160724	null	Mm.34512
0	0	AI846719	TC192597	null	Mm.33313
30418	19242	AI842154	TC163654	null	Mm.40803
0	0	AI842171	TC174192	heme oxygenase (AA 1-289)	Mm.17980
176381	172875	AI846864	TC159697	MTP	Mm.30071
94234	114786	AI834956	TC157610	CCT (chaperonin containing TCP	Mm.398
9154	10271	AI834983	TC189711	null	Mm.30866
8450	6337	AI835017	TC167173	null	null
35812	37438	AI842447	TC196384	null	Mm.40441

5102	5904	AI834962	TC187161	null	Mm.10633
10138	9442	AI834995	null	null	Mm.39309
5538	6735	AI842420	TC182822	null	Mm.40804
22297	22016	AI842459	TC175472	pro-alpha2(XI) collagen	Mm.20230
17403	23254	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
0	0	AI839499	TC203275	rho7	Mm.33801
1161987	1770899	AI839535	TC181593	null	Mm.40415
210852	154869	AI839442	null	null	Mm.39788
178986	250718	AI839017	TC174365	null	Mm.30041
127916	136218	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
173230	209847	AI839548	null	null	Mm.40089
0	0	AI839455	null	null	null
40174	28264	AI847899	TC158267	null	Mm.27472
0	0	AI847924	TC178676	null	Mm.33501
15031	18503	AI847967	TC159653	OSF-3	Mm.412
36698	53302	AI847225	null	null	null
0	0	AI847906	TC189001	null	Mm.640
32580	35811	AI847939	TC159731	phosphatidylethanolamine bindi	Mm.16784
17319	21429	AI847976	TC173060	enhancer of rudimentary homolo	Mm.21952
25058	35399	AI847236	TC161406	GTPase RaIB	Mm.27832
37301	41719	AI842492	TC160536	null	Mm.28952
13904	14574	AI842342	TC185376	null	Mm.63866
11307	15930	AI842349	TC191308	null	null
100481	78851	AI846203	null	null	null
0	0	AI842313	TC192040	null	Mm.35088
0	0	AI842283	TC177252	PAR-6	Mm.41434
18260	20041	AI846155	TC162580	flt-1	Mm.3464
0	0	AI846211	TC190398	null	Mm.41644
10052	13345	AI846315	TC189533	null	Mm.29063
48859	51741	AI846370	TC200501	initiation factor 2-associated	Mm.19170
29996	34928	AI842860	null	null	null
54160	75616	AI843746	null	null	null
43101	59092	AI846333	TC158260	null	Mm.46295
619659	549166	AI846385	TC176308	Rab23 protein	Mm.40644
8464	20051	AI842868	TC174939	SETA	Mm.38525
0	0	AI843752	TC202397	neurofilament polypeptide	Mm.1956
158911	179391	AI846708	TC173347	null	Mm.22333
68362	42220	AI842147	TC159784	surfeit 4 protein	Mm.2795
28516	42735	AI846151	TC174867	phosphorylated adaptor for RNA	Mm.21244
0	0	AI846852	TC169444	null	null
10089	7318	AI846720	TC177202	null	Mm.7124
19039	19902	AI842155	null	null	Mm.39167
5732	4992	AI846811	TC190416	null	Mm.24485
0	0	AI846865	null	null	Mm.40846
32663	35120	AI834957	TC200835	ATP-dependent RNA helicase	Mm.3935
59995	66368	AI834984	TC158960	null	Mm.19945
66507	108080	AI835019	TC161385	null	Mm.41164
0	0	AI842451	TC202216	null	Mm.23070
34427	38166	AI834963	TC178146	null	Mm.39710
23600	23962	AI834996	TC162315	null	Mm.30799
61508	51024	AI842422	TC164190	null	Mm.63735

9634	12777	AI842461	TC162682	null	Mm.40754
46568	43816	AI839009	TC200046	null	Mm.29902
59355	65819	AI839501	TC169526	null	null
769915	974819	AI839536	TC161141	null	Mm.14992
103339	129430	AI839445	null	null	null
147600	163165	AI839023	null	null	null
456436	524003	AI839512	TC174366	mitochondrial inner membrane t	Mm.2368
73518	83969	AI839550	TC188066	null	Mm.40726
24647	35987	AI839461	TC165325	null	null
24828	28754	AI847900	TC186415	null	Mm.14245
156783	218950	AI847932	TC161361	ALY	Mm.1886
18339	18351	AI847969	TC158348	null	Mm.28466
8754	18688	AI847226	TC165373	null	null
141950	147635	AI847907	TC160044	null	Mm.28603
0	0	AI847940	TC186570	null	Mm.140
68602	113014	AI847977	TC162436	gankyrin	Mm.40507
6920	11895	AI847237	TC201054	dynactin subunit p25	Mm.27270
13916	24299	AI842307	TC175971	unnamed protein product	Mm.44229
9932	12573	AI842275	TC174864	null	Mm.21470
0	0	AI842351	TC188950	null	Mm.27682
13151	13115	AI846204	TC206311	null	Mm.40304
0	0	AI842314	TC201339	null	Mm.30083
16738	15614	AI842284	TC161314	beta-catenin-interacting prote	Mm.41537
0	0	AI846164	TC182781	null	Mm.68830
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6316	6850	AI846317	null	null	null
16785	15665	AI846372	TC187216	asparagine synthetase	Mm.2942
28154	38749	AI842861	TC202091	null	null
76162	78920	AI843747	TC173642	null	Mm.24397
117517	101787	AI846334	TC205802	null	null
10756	9078	AI846390	TC200172	null	Mm.7884
5038	6322	AI842871	TC192342	null	Mm.43096
32313	34755	AI843753	TC174064	null	null
0	0	AI846711	TC188261	null	Mm.31395
13146	10314	AI842148	null	null	null
26388	20972	AI846152	TC187605	myocyte-enriched calcineurin i	Mm.56
16637	15118	AI846855	null	null	Mm.41878
28648	22670	AI846721	TC187348	forkhead protein FKHR1	Mm.29891
53234	61826	AI842156	TC200768	hypothetical protein	Mm.43017
23069	27069	AI846812	TC174921	null	Mm.27662
81841	81311	AI846866	TC160909	SH3P2	Mm.4165
39536	38774	AI834958	TC198529	null	Mm.44509
15858	18977	AI834985	TC192445	null	Mm.40370
73336	118378	AI835020	null	null	null
142377	117685	AI842452	TC160942	Guanine Nucleotide Regulatory	Mm.20925
33515	38595	AI842134	TC205185	null	Mm.29366
9912	11088	AI834998	null	null	null
36828	50142	AI842423	TC161130	null	Mm.41102
30027	27754	AI842463	null	null	null
7196	10820	AI839010	null	null	Mm.40407
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12766	18352	AI839539	TC202591	null	Mm.35843
70583	57318	AI839447	TC158458	null	Mm.38248
32713	40237	AI839025	null	null	Mm.25311
24966	33144	AI839513	TC188453	ES2 protein	Mm.10094
58174	69850	AI839384	TC166005	null	Mm.23307
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0	0	AI847901	TC161590	null	Mm.27914
425520	363516	AI847934	TC188932	null	Mm.41752
39300	79913	AI847971	TC159612	plasma glutathione peroxidase	Mm.7156
0	0	AI847230	TC175300	null	Mm.18830
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15395	12973	AI847979	TC190159	null	Mm.32595
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24713	19105	AI842308	TC175140	null	Mm.10200
2425	2296	AI842276	TC205615	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.39087
0	0	AI842352	TC202028	centrin	Mm.24643
6691	5630	AI846205	TC176807	null	Mm.40713
54095	59623	AI842317	TC187001	capping protein beta subunit,	Mm.2945
77920	109741	AI842286	TC186521	protein tyrosine phosphatase	Mm.27856
0	0	AI846165	TC188507	null	Mm.27571
38289	41791	AI846215	TC189595	null	Mm.28374
23828	33266	AI846321	TC202926	null	null
6856	7382	AI846375	TC176156	null	Mm.34598
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254038	281869	AI846337	TC162002	null	Mm.40634
55133	79942	AI846392	TC173757	SYNCRIP	Mm.27303
39664	42567	AI842873	TC175113	null	Mm.40132
31905	36956	AI843754	null	null	Mm.39832
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0	0	AI846139	TC160438	MECA39	Mm.4606
8351	10036	AI846153	TC204385	null	Mm.41740
128282	102320	AI846856	TC187543	null	Mm.29386
5342	5203	AI846722	TC161223	nuclear body associated kinase	Mm.27601
6824	9953	AI846140	null	null	null
22814	23538	AI846816	TC187829	null	Mm.28577
16145	16541	AI846867	TC203726	null	Mm.33882
6808	9416	AI834959	TC174676	Kex2 homologue	Mm.1247
0	0	AI834987	TC196183	null	null
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32811	33593	AI834965	TC199919	null	Mm.22774
60371	59045	AI835000	TC173224	basigin	Mm.726
24590	22739	AI842425	TC158948	null	Mm.8486
0	0	AI842465	TC204495	null	Mm.32881
54167	71039	AI839014	TC202701	null	Mm.41897
18806	16385	AI839506	TC161329	Sac1 protein	Mm.45214
102597	89669	AI839541	null	null	Mm.40088
57661	55406	AI839448	null	null	null
21922	21778	AI839027	TC175698	null	Mm.34914

0	0	AI839515	TC174201	null	Mm.23686
349231	268809	AI839386	TC169563	null	Mm.32723
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31148	30326	AI847902	TC186787	null	Mm.46245
93796	79956	AI847936	TC175304	null	Mm.21489
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117023	114406	AI847231	TC186595	null	Mm.23675
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13668	9579	AI847198	TC200445	telomerase binding protein p23	Mm.22421
155964	168222	AI847242	TC188308	unnamed protein product	Mm.28584
3535	4894	AI842309	TC175079	adaptor protein Tvl-1	Mm.20848
50882	48363	AI842277	TC187088	null	Mm.29254
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20645	26068	AI846206	TC187838	nucleotide-binding protein lon	Mm.29037
153420	130073	AI842318	TC189475	null	Mm.22025
85925	80848	AI842288	TC191258	null	null
50467	45219	AI846166	TC179645	null	Mm.27013
25138	25313	AI846216	TC189651	null	Mm.41601
8652	10544	AI846322	TC166560	null	null
271780	282460	AI846379	TC165411	null	Mm.40709
48493	52375	AI842865	null	null	Mm.27113
6630	6441	AI843749	TC187616	null	Mm.29690
121041	107092	AI846338	TC174419	null	Mm.25308
100551	98397	AI846393	TC160779	null	Mm.21396
33581	32758	AI842874	TC174430	null	Mm.19281
45524	40351	AI843756	null	null	Mm.18041
19657	17794	AI846717	TC204332	null	Mm.40490
10274	6306	AI842151	null	null	null
11899	10053	AI846154	TC188245	nervous system-specific RNA bi	Mm.46667
11393	14477	AI846859	TC208393	null	Mm.39772
110972	95137	AI846076	TC190437	null	Mm.40710
42606	40168	AI846142	TC160751	null	Mm.22031
11351	9231	AI846822	TC180911	null	Mm.5902
5962	4472	AI846868	null	null	null
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82445	128966	AI834990	null	null	null
12070	17120	AI842417	null	null	null
59303	68475	AI842457	TC192076	null	Mm.40699
15534	20498	AI834966	TC180648	null	Mm.44620
47735	31439	AI835001	TC187923	tryptophan--tRNA ligase	Mm.38433
23110	29709	AI842428	TC174241	null	Mm.29213
0	0	AI842466	null	null	Mm.39819
6944	8429	AI834850	TC160394	AES-2 protein	Mm.2626
13229	14826	AI839508	TC202845	null	Mm.41269
7681	11395	AI839542	TC201546	null	Mm.34798
76364	80605	AI839452	null	null	null
19552	19431	AI834852	TC199923	ribosomal protein S19	Mm.22103
297100	277632	AI839516	null	null	null
117841	94965	AI839392	TC200405	null	Mm.24174
104880	114721	AI839689	TC161389	unnamed protein product	Mm.28911

75072	95009	AI847904	TC187519	golgi SNARE	Mm.22114
51456	48190	AI847937	TC204669	leukotriene C4 synthase	Mm.4088
11797	15809	AI847973	TC201538	null	Mm.26773
31202	34000	AI847232	TC159067	null	Mm.21906
154465	153633	AI847910	TC158329	null	Mm.35269
12304	11663	AI847944	TC159106	vesicle associated membrane pr	Mm.10699
17866	24811	AI847202	TC175698	null	Mm.34914
171100	223302	AI847243	TC201731	APOBEC-2 protein	Mm.27822
41931	44990	AI842310	null	null	null
17254	12176	AI842279	TC186998	putative	Mm.193
57250	73076	AI842356	TC173851	null	Mm.12823
13723	20771	AI846207	null	null	null
24654	20173	AI842319	TC201641	null	Mm.30869
202343	142294	AI842290	TC173999	albumin gene D-Box binding pro	Mm.3459
0	0	AI846167	TC179925	null	Mm.40341
74735	76748	AI846217	TC179320	null	Mm.39602
32375	31869	AI846328	TC174483	null	Mm.41919
0	0	AI846380	TC189501	null	null
7076	6109	AI842866	TC189252	null	Mm.46011
10008	11365	AI843750	TC189526	tumor protein D53	Mm.7821
148504	144781	AI846339	TC200761	profilin (AA 1-140)	Mm.2647
77052	82044	AI846395	TC188118	null	Mm.38016
17406	15123	AI842875	TC162119	null	Mm.27908
8427	7006	AI843757	TC186955	null	Mm.41791
30662	28993	AI846718	TC177481	PAC SIN	Mm.4926
252233	163566	AI842153	TC204920	null	Mm.41323
381217	266037	AI842169	null	null	Mm.42571
24838	29551	AI846861	TC187546	SKD2	Mm.1117
17451	17506	AI846077	TC201867	cytohesin 3	Mm.19065
153020	147568	AI842158	TC202121	mCASK-A	Mm.10735
40054	42758	AI846824	TC175118	null	Mm.26632
21140	20927	AI846869	null	null	Mm.8856
42365	67306	AI834961	TC173373	null	Mm.22575
10441	13442	AI834991	TC182622	null	Mm.40043
22637	21317	AI842418	null	null	Mm.40121
1795305	1557574	AI842458	null	null	null
110003	107651	AI834967	TC188855	Sid10750p	Mm.30201
29036	33076	AI835002	TC176948	null	Mm.40472
37616	40981	AI842429	TC176022	null	Mm.41447
16172	16990	AI842467	TC201151	null	Mm.28573
126942	144976	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
229298	195889	AI839509	TC188049	Dcra	Mm.7472
28222	29225	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
866361	809516	AI839453	TC165868	null	Mm.40314
41908	38636	AI834854	null	null	Mm.39104
31734	41987	AI839517	TC161124	null	Mm.34711
19278	35284	AI839394	TC177986	null	Mm.32422
37519	76671	AI839690	TC157760	null	Mm.25034
44069	51546	AI847905	TC200946	ISOT	Mm.3571
46131	55446	AI847938	TC179040	null	Mm.30848
131712	81711	AI847975	TC175904	null	Mm.41020

0	0	AI847233	TC176550	null	Mm.28698
21250	16187	AI847911	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
41755	58483	AI847945	TC189820	null	Mm.3409
9877	11182	AI847203	TC178069	null	null
112782	79155	AI847244	TC202205	null	Mm.9550
16170	20177	AI842311	TC160186	null	Mm.27198
99364	107950	AI842282	null	null	Mm.2621
26974	20543	AI842358	TC163052	K+ channel beta2 subunit	Mm.15512
0	0	AI846208	TC163909	null	Mm.40779
80057	78954	AI842320	TC157821	null	Mm.1190
20497	23710	AI842291	null	null	Mm.39356
125336	126995	AI846168	TC179974	null	Mm.67036
7771	12775	AI846220	TC178975	null	Mm.41645
160102	247018	AI847690	TC186429	ribosomal protein S4	Mm.66
13911	13580	AI847739	TC158292	null	Mm.7861
0	0	AI847084	TC200403	autocrine motility factor rece	Mm.34641
0	0	AI848312	TC183443	null	Mm.39998
5485	7198	AI847696	TC175032	null	Mm.41029
11934	21545	AI847055	TC204126	neuronal tyrosine threonine ph	Mm.39725
0	0	AI847095	TC189519	null	Mm.68943
0	0	AI848319	TC199445	null	null
75104	75370	AI848236	TC173960	null	Mm.28402
9993	8143	AI848263	TC191407	null	Mm.38576
0	0	AI848290	null	null	Mm.39868
0	0	AI848602	null	null	Mm.21906
16771	4948	AI848242	TC203725	null	Mm.40176
9310	10255	AI848270	TC202476	LR11	Mm.5396
17569	18425	AI848298	TC204211	null	Mm.11503
44757	50453	AI848609	TC200375	GTP-binding protein	Mm.6698
0	0	AI849320	TC173710	null	Mm.8569
0	0	AI849352	TC204069	null	Mm.63740
13719	8782	AI848822	TC202944	null	Mm.42972
0	0	AI848858	TC188834	null	Mm.41630
27994	28736	AI849328	TC201752	null	Mm.30137
0	0	AI849363	TC203524	voltage-gated sodium channel b	Mm.1418
19426	19676	AI848829	TC162219	null	Mm.39874
5546	5650	AI848870	TC161826	null	Mm.27167
683602	642053	AI848342	TC158174	GABA-A receptor-associated pro	Mm.30064
5566	8254	AI848378	TC190110	null	Mm.32184
23747	25746	AI847994	TC158503	hepatoma-derived growth factor	Mm.40265
66025	51436	AI848036	TC176550	null	Mm.28698
129079	140860	AI848348	TC187563	null	Mm.33420
373721	415418	AI848389	TC200063	null	Mm.25074
108699	99323	AI848002	TC159946	null	Mm.13445
148084	112325	AI848051	TC205112	null	null
97944	94723	AI848676	TC160585	HCG-1 protein	Mm.21846
125088	127061	AI848706	TC175908	null	Mm.13758
0	0	AI849065	TC177242	null	Mm.45221
33649	48733	AI849104	TC160166	null	Mm.21811
18657	19595	AI848683	null	null	null
26457	27540	AI849034	TC161323	null	Mm.28777

42017	51572	AI849075	TC191154	null	Mm.34844
19274	21290	AI849116	TC188699	null	Mm.46552
56417	64176	AI849382	TC174272	125 kDa c-abl protein	Mm.1318
176833	233467	AI849434	TC202701	null	Mm.41897
15645	14434	AI848962	TC161647	null	Mm.40555
0	0	AI848994	TC191826	null	Mm.41345
14736	17029	AI849400	TC200773	FAN protein	Mm.3059
30804	31080	AI849443	TC205456	null	Mm.41744
44355	52795	AI848969	TC173399	unnamed protein product	Mm.831
8665	13024	AI849000	TC158961	membrane-type matrix metallopr	Mm.19945
34363	47782	AI847691	TC205884	null	Mm.61685
7033	9219	AI847049	TC191799	null	Mm.39965
83873	78938	AI847085	TC202108	null	Mm.34830
33455	50059	AI848313	TC160175	serine-threonine kinase recept	Mm.22584
23118	20914	AI847697	TC201394	null	Mm.29353
11336	15518	AI847059	TC187479	null	Mm.18539
29606	32800	AI847097	TC175762	null	Mm.23807
16098	14672	AI848323	TC186642	null	Mm.28586
0	0	AI848237	null	null	null
11206	18045	AI848264	TC190633	null	Mm.27120
15763	20664	AI848291	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
14396	10497	AI848603	TC204539	null	Mm.41402
16190	31770	AI848244	TC200027	brain expressed X-linked prote	Mm.22593
66665	48089	AI848272	TC163623	null	Mm.40359
12808	15448	AI848299	TC188208	null	Mm.29073
22366	28848	AI848610	TC189291	null	Mm.752
11772	17192	AI849321	TC174578	null	Mm.29793
48935	33399	AI849354	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.18618
0	0	AI848823	TC205341	null	null
0	0	AI848860	TC203468	null	Mm.41672
37148	41429	AI849329	TC189632	null	Mm.21914
11986	12612	AI849364	TC173766	null	Mm.30272
32023	32540	AI848830	TC186449	isocitrate dehydrogenase	Mm.2966
8579	11159	AI848873	null	null	null
178685	146089	AI848343	TC160608	SEC23B protein	Mm.28704
236375	197997	AI848381	TC160061	neuronal protein 15.6	Mm.30084
53080	53537	AI847996	TC188071	null	Mm.27043
187382	237650	AI848038	TC160457	null	Mm.41654
144634	133099	AI848349	TC201121	null	Mm.28679
223699	247653	AI848390	TC174933	null	Mm.41714
25892	30358	AI848003	TC188136	cell death activator CIDE-A	Mm.449
22405	24897	AI848052	TC202832	null	Mm.23711
65291	94372	AI848677	TC160388	transcription factor	Mm.925
228650	372024	AI848707	null	null	null
21563	18326	AI849067	TC200772	null	Mm.22485
10483	8046	AI849106	TC210671	null	null
856181	1164818	AI848684	TC186432	beta-catenin	Mm.3476
63433	39042	AI849037	TC202688	LAT2 protein	Mm.27830
4856	7129	AI849076	TC175295	null	Mm.38795
97455	85574	AI844794	TC161240	null	Mm.34456
2858	4285	AI849383	TC187045	null	Mm.20354

6741	8235	AI849435	TC200483	null	Mm.30113
34678	23180	AI848963	TC202190	null	Mm.34488
0	0	AI848995	TC160928	synaptophysin	Mm.2397
0	0	AI849401	TC188099	null	Mm.34329
27078	24215	AI849444	TC201476	null	Mm.28546
61116	80287	AI848972	TC157843	cysteine string protein	Mm.29673
10856	14119	AI849001	TC186588	growth factor-induced protein	Mm.3765
14068	20628	AI847692	null	null	Mm.39202
42011	31141	AI847050	TC203801	null	Mm.23322
17954	13016	AI847088	TC160023	null	Mm.24213
16495	20092	AI848314	TC201926	null	Mm.23964
33752	39587	AI847698	TC158419	null	Mm.2632
0	0	AI847060	TC202643	null	Mm.36544
17658	22808	AI847098	TC157624	null	Mm.28339
6274	9631	AI848325	TC202026	null	Mm.21759
9246	9019	AI848238	TC202321	null	Mm.40681
93015	81290	AI848265	TC186542	null	Mm.27955
23458	27172	AI848293	TC176708	null	Mm.34507
27869	19083	AI848604	TC176517	null	Mm.39209
1293268	766815	AI848245	TC200121	beta2-microglobulin precursor	Mm.163
24167	31721	AI848273	TC190863	null	Mm.30908
16899	19392	AI848300	TC213020	null	Mm.40866
24140	25540	AI848611	TC201885	Sir2alpha protein	Mm.38981
7989	8388	AI849322	TC177720	null	Mm.44059
0	0	AI849355	TC163921	null	Mm.41124
12658	9898	AI848824	TC163718	null	Mm.34263
11776	16514	AI848861	null	null	Mm.39211
35765	35286	AI849330	TC173466	null	Mm.30017
14644	17054	AI849365	TC165025	null	Mm.45697
0	0	AI848831	TC173942	null	Mm.28483
12315	11824	AI848874	TC175288	null	Mm.41804
50622	49980	AI848344	TC173520	null	Mm.29849
139598	158783	AI848382	TC200850	null	Mm.27496
138787	136568	AI847997	TC174286	null	Mm.24161
76777	78568	AI848040	TC200279	null	Mm.41699
150288	143640	AI848359	TC173641	null	Mm.30200
780146	721174	AI848391	TC157685	mouse 57-KD Calcium-binding p	Mm.1971
50358	50180	AI848006	TC188235	null	Mm.29385
24003	21128	AI848053	TC187287	null	Mm.30023
35942	54867	AI848679	TC173665	mammary transforming protein	Mm.544
13452	13788	AI848708	TC205059	null	Mm.39404
11381	8809	AI849069	TC188241	null	Mm.27917
14379	13165	AI849107	TC178306	null	Mm.41339
22226	27361	AI848685	TC161231	small zinc finger-like protein	Mm.21826
0	0	AI849040	TC187601	glycerol-3-phosphate dehydroge	Mm.41718
14420	19589	AI849078	TC159920	null	Mm.22225
9058	9150	AI844795	TC161063	thymic epithelial cell surface	Mm.29710
7003	12792	AI849387	TC157283	null	null
26804	22712	AI849437	TC201060	null	Mm.1608
0	0	AI848964	TC204803	null	Mm.31337
18816	19384	AI848996	TC161588	null	Mm.2830

0	0	AI849403	null	null	null
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12100	16120	AI849002	TC188119	lysophospholipid receptor B1	Mm.982
236911	278202	AI847693	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
27381	36331	AI847051	TC202015	p34SEI-1	Mm.3323
12494	13539	AI847089	TC167230	null	null
14428	15377	AI848315	TC174692	null	Mm.41253
19955	22118	AI847699	TC191043	null	Mm.33785
11130	15980	AI847063	TC187575	null	Mm.34356
38001	42476	AI847099	TC203750	null	null
12524	15166	AI848326	TC188252	null	Mm.31229
40994	39700	AI848239	TC188541	WW domain binding protein 6; W	Mm.8709
17123	15717	AI848266	TC201531	neuronal protein	Mm.24183
62177	59493	AI848295	TC202043	null	Mm.39281
10529	11921	AI848606	null	null	Mm.39618
116063	132274	AI848246	TC161161	NEDD8-conjugating enzyme	Mm.12892
8988	11220	AI848274	TC160683	adrenodoxin	Mm.1061
0	0	AI848301	null	null	Mm.39206
24678	26855	AI848612	TC160642	null	Mm.17631
0	0	AI849325	TC173600	NAD(H)-specific isocitrate deh	Mm.14825
43800	98031	AI849357	TC196050	null	Mm.22785
27192	25817	AI848826	TC187561	null	Mm.28677
54468	56606	AI848864	null	null	Mm.5293
109973	193116	AI849331	TC158243	ribosomal protein	Mm.2235
3377	5749	AI849367	TC173929	null	Mm.3395
0	0	AI848832	null	null	Mm.35835
0	0	AI848876	TC176585	high affinity IgE receptor gam	Mm.22673
64032	69322	AI848345	TC182582	null	Mm.39616
0	0	AI848386	TC190867	null	Mm.20342
11078	12778	AI847999	TC165538	null	Mm.41819
41380	30935	AI848042	TC163122	null	Mm.23827
9072	11606	AI848360	TC176912	P24 protein	Mm.4766
0	0	AI848392	TC177538	null	Mm.38232
0	0	AI848008	TC173288	S-adenosylmethionine decarboxy	Mm.7880
45044	47974	AI848054	null	null	Mm.40509
21877	34989	AI848680	TC201339	null	Mm.30083
53935	35444	AI848709	TC189353	null	Mm.27844
51022	64799	AI849071	TC191013	hck tyrosine kinase (AA 1-503)	Mm.715
24698	24188	AI849108	null	null	null
1004909	876334	AI848686	TC200580	damage-specific DNA binding pr	Mm.29623
42361	50636	AI849041	TC200571	rin	Mm.5163
57896	65719	AI849079	TC173042	null	Mm.4537
63682	55383	AI844796	TC189357	null	Mm.32183
32272	29656	AI849388	null	null	null
57299	74068	AI849438	TC203296	null	Mm.41439
0	0	AI848966	TC161422	null	Mm.7843
9099	9926	AI848997	TC186909	Sacm21	Mm.20926
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25592	37293	AI848974	TC173252	translation repressor NAT1	Mm.525

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45862	48818	AI847694	TC176620	null	Mm.38483
24578	22789	AI847053	TC188576	uroporphyrinogen III synthase	Mm.3160
261564	276527	AI847090	TC160014	hepatocyte growth factor activ	Mm.26835
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63424	58712	AI847065	TC201926	null	Mm.23964
19560	15427	AI847100	TC206086	null	Mm.40707
0	0	AI848327	TC170187	null	null
37830	39749	AI848240	TC158285	Zic protein	Mm.2719
39564	36374	AI848268	TC162387	rab 4	Mm.9221
50793	68707	AI848296	TC174509	null	Mm.26765
88850	89655	AI848607	null	null	null
53565	79601	AI848248	TC157615	apolipoprotein E	Mm.21417
99233	68945	AI848275	TC200582	null	Mm.29455
162875	87406	AI848302	TC199956	malate dehydrogenase	Mm.21743
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76202	105938	AI849326	TC159865	X16	Mm.6787
0	0	AI849361	TC201497	null	Mm.5772
0	0	AI848827	TC160155	null	Mm.9210
11513	10526	AI848867	TC175392	glycogen synthase kinase 3 bet	Mm.34370
14063	24115	AI849332	TC175401	null	Mm.25496
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0	0	AI848879	TC202829	neuroglycan C	null
1926620	1588374	AI848346	TC200948	null	Mm.29769
153919	174178	AI848387	null	null	null
21637	21737	AI848000	TC204656	null	Mm.41621
28982	22066	AI848043	TC174797	null	null
292472	285359	AI848361	TC188724	null	Mm.2069
59934	55882	AI848393	TC159054	null	Mm.21118
74266	83710	AI848011	TC166962	null	Mm.46174
637323	587831	AI848056	TC160705	null	Mm.27695
92111	71765	AI848681	TC186727	null	Mm.25148
90862	98387	AI849031	TC199907	elongation factor 2	Mm.4968
24501	28109	AI849072	TC158412	Cdc25a	Mm.29800
15252	16134	AI849111	TC187056	null	Mm.30001
71954	61389	AI848687	null	null	Mm.39403
38492	50544	AI849043	TC177062	activated leukocyte cell adhes	Mm.2877
45027	47403	AI849080	TC161625	null	Mm.29599
24705	34125	AI844798	TC174080	null	Mm.27947
8226	8706	AI849390	TC170168	null	Mm.40189
44903	49305	AI849440	TC162650	null	Mm.52611
12400	14120	AI848967	TC174057	null	Mm.24091
25239	23419	AI848998	TC173830	null	Mm.29075
40538	36092	AI849408	null	null	null
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82519	70283	AI848241	TC173520	null	Mm.29849
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23943	23518	AI848608	TC164181	null	Mm.41303
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53921	55674	AI849327	TC200365	null	Mm.21094
17434	24405	AI849362	TC189973	null	Mm.41089
232392	211997	AI848828	TC201340	null	Mm.41939
105619	124272	AI848868	TC201607	null	Mm.27466
94156	158994	AI849333	TC159985	cerebellum postnatal developme	Mm.29613
156510	206999	AI849369	TC173840	null	Mm.7723
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38074	26652	AI848880	TC158326	adipose differentiation relate	Mm.381
85771	79841	AI848347	TC177162	null	Mm.24549
363870	423127	AI848388	TC173325	null	Mm.14486
91750	98891	AI848001	null	null	Mm.39399
219376	247249	AI848050	TC200308	BTEB-1 transcription factor	Mm.19788
951303	1181615	AI848364	TC173462	ubiquitin-homology domain prot	Mm.7353
124515	129629	AI848394	TC210684	null	Mm.40952
6257	10091	AI848012	TC166050	null	Mm.40508
116352	85554	AI848057	TC189106	null	Mm.4772
34755	32486	AI848682	TC173246	GP106	Mm.2698
29448	92549	AI849033	TC190947	null	Mm.39969
106899	79745	AI849074	TC162234	null	Mm.29011
35777	24272	AI849112	TC191770	null	Mm.40621
18877	26134	AI848688	null	null	null
138238	147719	AI849044	TC200995	null	Mm.28144
245369	190477	AI849082	TC200682	null	Mm.28614
7052	4057	AI844799	TC174033	membrane-associated phosphatid	Mm.1860
10721	15904	AI849399	TC198554	null	Mm.60664
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59799	61761	AI848968	TC174076	null	Mm.28270
53051	41262	AI848999	TC200779	G9A	Mm.28155
74868	82108	AI849409	TC200900	MEK binding partner 1	Mm.20922
363368	259176	AI849451	TC186387	null	Mm.22699
16728	23892	AI848977	TC187481	SH3P7	Mm.27622
67391	56076	AI849005	TC175615	null	Mm.46218
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20184	25473	AI844022	null	null	null
0	0	AI844060	TC189431	null	Mm.22541
24917	16322	AI844113	TC158818	null	Mm.24650
68030	42955	AI848937	TC157697	KOI-4	Mm.27775

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0	0	AI844076	TC186480	truncated hsp25	Mm.13849
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9674	8242	AI854325	TC187917	null	Mm.36611
7661	9838	AI854370	TC158384	null	Mm.29729
35556	31686	AI850128	null	null	Mm.19370
7591	10420	AI850172	TC201734	null	Mm.34105
0	0	AI854338	TC173485	null	Mm.29377
36977	27626	AI854380	TC162288	OCTN2	Mm.24317
0	0	AI850135	TC200262	null	Mm.29641
18318	18873	AI850186	TC160789	null	Mm.5545
74476	62111	AI850634	TC186578	EH domain-containing protein E	Mm.30169
48190	41392	AI850673	TC187633	null	Mm.27756
279724	156592	AI850717	TC159453	sterol-carrier protein X	Mm.1779
0	0	AI851742	TC190012	null	Mm.38064
25819	32624	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
447312	342363	AI844160	TC186387	null	Mm.22699
23272	33231	AI844215	TC175528	null	Mm.30596
0	0	AI844254	TC176183	null	Mm.29832
34670	30193	AI849670	TC174331	RNA binding protein TIAR	Mm.4363
160095	152570	AI844176	TC162143	drebrin E2	Mm.19016
90876	115277	AI844222	TC161727	null	Mm.27444
120625	172707	AI849635	TC187145	null	Mm.38292
43870	47372	AI849683	TC170171	null	Mm.39879
117469	127521	AI850215	TC174126	FXR1	Mm.4038
19224	25270	AI850255	null	null	null
29770	31185	AI850290	TC176382	null	Mm.829
87344	101990	AI850322	TC157755	null	Mm.22587
0	0	AI850229	null	null	null
24064	27899	AI850266	TC189364	null	Mm.41563
0	0	AI850297	TC157775	null	Mm.28770
398125	416414	AI850331	TC159803	ARF1	Mm.6836
125906	147095	AI851775	TC204712	null	Mm.903
12973	14827	AI851605	TC189857	null	null
134559	96926	AI851630	TC187533	purine nucleoside phosphorylas	Mm.17932
21370	22952	AI851660	TC164766	null	Mm.44112
121942	146270	AI851782	TC200073	null	Mm.17362
15353	22530	AI851612	TC166501	null	Mm.40635
0	0	AI851637	TC201707	null	Mm.18847
21357	21122	AI851667	TC191126	null	null
97648	117704	AI848932	TC159992	FAF1	Mm.3722
58908	59493	AI844023	null	null	null
6381	6642	AI844061	null	null	null
0	0	AI844114	null	null	Mm.40820
15716	20786	AI844617	TC162956	null	Mm.40463
56474	43473	AI844034	TC173516	null	Mm.24378
34981	41254	AI844078	TC201449	ORF	Mm.7914
0	0	AI844124	TC207032	cryptochrome 2	Mm.39085

19462	17800	AI854330	TC201571	RNaseP protein p30	Mm.12440
0	0	AI854371	TC202023	null	Mm.36606
0	0	AI850129	null	null	null
48114	42086	AI850175	TC159984	null	Mm.21606
0	0	AI854340	null	null	null
0	0	AI854383	null	null	Mm.40960
0	0	AI850136	TC205085	null	Mm.24628
225304	228235	AI850187	TC201246	retinal-specific heterotrimeri	Mm.4702
0	0	AI850635	TC190481	null	null
25913	39046	AI850675	TC160552	null	Mm.25200
19301	31347	AI850718	TC189467	null	Mm.37380
0	0	AI851743	TC204922	null	Mm.40539
19171	23361	AI850648	TC161711	null	Mm.27687
45374	43393	AI850686	TC200731	null	Mm.30263
76786	46718	AI850729	null	null	null
10780	12452	AI851751	TC188358	null	Mm.21553
640136	525643	AI844163	TC160833	null	Mm.30053
289461	320815	AI844216	TC200362	ablphilin-1	Mm.695
352714	400481	AI844255	TC194571	null	Mm.39508
27241	28734	AI849671	null	null	Mm.40521
69106	70732	AI844178	TC157203	BAT3	Mm.866
44612	44672	AI844223	null	null	Mm.39838
40560	50751	AI849636	TC160936	snRNP core Sm protein homolog	Mm.7312
34563	32773	AI849684	null	null	null
15973	19633	AI850216	TC175134	putative chloride channel prot	Mm.22727
32727	38644	AI850257	TC186401	null	null
48674	44655	AI850291	TC157592	E25B protein	Mm.4266
12902	16860	AI850323	TC174077	null	Mm.17580
21408	21061	AI850230	null	null	Mm.40199
32005	33229	AI850267	TC175514	AP-4 adaptor complex sigma4 su	Mm.23861
5085	5945	AI850298	TC181266	null	Mm.39633
24169	27786	AI850332	TC200707	null	Mm.21901
12761	17655	AI851776	TC159059	myosin I beta	Mm.25194
20946	20081	AI851606	TC200763	null	Mm.21183
0	0	AI851631	null	null	Mm.27336
5711	3942	AI851662	TC175045	leukemia/lymphoma related fact	Mm.40271
38350	46028	AI851783	TC157436	null	Mm.41021
0	0	AI851613	TC170161	null	Mm.39871
20689	19368	AI851638	TC161473	augmenter of liver regeneratio	Mm.28124
8088	9517	AI851668	TC173746	DNA-directed DNA polymerase	Mm.16549
6374	9897	AI848933	null	null	Mm.43290
4838	6444	AI844027	TC167669	null	Mm.44666
6924	4200	AI844065	TC204478	null	Mm.40817
3125	5880	AI844115	TC204746	null	Mm.39494
2543	3765	AI844619	TC162434	null	Mm.41566
139315	86831	AI844035	TC188970	cholinephosphate cytidyltran	Mm.3905
0	0	AI844079	TC205812	null	Mm.40818
0	0	AI844125	TC174664	null	Mm.40622
12845	12617	AI854331	null	null	Mm.27337
33098	24736	AI854373	TC161044	null	Mm.29283
39601	41340	AI850130	TC202691	null	Mm.24984

11773	12447	AI850176	TC163764	synaptotagmin III	Mm.4824
76548	66504	AI854341	TC191864	null	null
123850	164987	AI854384	TC160362	null	Mm.391
27459	44985	AI850137	null	null	Mm.4907
11884	14851	AI850188	TC204937	neuregulin-3	Mm.40198
8580	8574	AI850636	TC200732	null	Mm.28426
29367	30835	AI850676	TC202265	null	Mm.28153
0	0	AI850721	TC164806	null	Mm.24783
66243	52599	AI851745	TC159459	SC1 precursor	Mm.29027
13984	13306	AI850649	null	null	Mm.41073
304651	155822	AI850687	TC201596	null	Mm.42180
108244	42594	AI850731	TC188128	null	Mm.25013
0	0	AI851752	TC188259	polycystic kidney disease-like	Mm.41040
88193	111716	AI844164	TC160088	SMCD	Mm.39278
132830	121534	AI844217	TC173672	null	Mm.23877
11789	13013	AI844257	TC193394	null	null
8678	15486	AI849672	TC204595	null	Mm.23011
532412	539150	AI844180	TC187517	null	Mm.21214
9488	10418	AI844225	TC179786	null	Mm.28002
7439	10191	AI849637	TC173246	GP106	Mm.40628
73335	79565	AI849685	TC161767	null	Mm.24613
0	0	AI850221	TC202359	null	Mm.38907
36051	34198	AI850258	null	null	Mm.40200
5937	5731	AI850293	TC186636	aspartyl protease 2	Mm.24044
17324	24489	AI850324	TC173712	modifier 2	Mm.28148
5544	7265	AI850231	TC205343	null	Mm.33645
5403	6317	AI850268	TC173194	null	Mm.29815
9476	9470	AI850299	TC190959	null	Mm.46107
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0	0	AI851608	TC179868	null	Mm.40175
4008	4003	AI851632	TC193806	null	null
12393	9209	AI851663	TC174989	null	Mm.28519
30881	34920	AI851784	TC201425	ras-related protein	Mm.39557
42388	37350	AI851614	TC187595	null	Mm.27282
13479	12725	AI851639	TC174724	null	Mm.42068
9120	9666	AI851669	TC162458	null	Mm.26560
21952	29026	AI848934	TC173422	protocadherin 2C	Mm.28785
25715	20607	AI844028	TC163984	null	Mm.40026
8805	25770	AI844072	TC160994	protease-nexin 1	Mm.3093
21868	25448	AI844116	TC174556	null	Mm.41300
9158	8292	AI848940	null	null	Mm.2944
36270	38137	AI844037	TC182726	null	Mm.44988
20864	27804	AI844081	TC175138	putative membrane protein	Mm.1209
0	0	AI844126	TC201097	null	Mm.28399
160179	147112	AI854333	TC200108	tropomyosin isoform 2	Mm.646
12888	11679	AI854375	null	null	Mm.40581
13923	12223	AI850132	TC206216	null	Mm.40350
0	0	AI850177	null	null	null
0	0	AI854342	null	null	null
76616	75155	AI854387	TC174105	null	Mm.1971

39925	38634	AI850140	TC186716	3SG protein	Mm.25622
28701	21688	AI850189	TC160654	null	Mm.29987
33191	31197	AI850638	TC200870	thyrotroph embryonic factor	Mm.19258
12749	18149	AI850677	TC192890	null	null
0	0	AI850722	null	null	Mm.40891
0	0	AI851746	TC158284	vacuolar H(+)-ATPase	Mm.30155
4967	5197	AI850651	TC165156	null	Mm.41131
30752	19999	AI850689	TC190134	null	Mm.27062
63558	42058	AI850732	TC203501	null	Mm.25459
5481	7012	AI851755	TC205404	null	Mm.39900
19414	25562	AI844165	TC213140	null	null
13928	19873	AI844218	TC202081	null	Mm.27553
9126	11884	AI844261	TC195094	null	null
5367	8670	AI849674	TC201050	null	Mm.24300
9646	13191	AI844183	TC159207	null	Mm.22981
23103	27694	AI844229	TC209956	null	null
33385	47060	AI849642	TC172063	null	Mm.40191
19766	19092	AI849686	TC201729	null	Mm.41463
77239	135587	AI850222	TC161182	Pinin	Mm.22347
0	0	AI850261	TC175458	syntrophin-2	Mm.30228
50324	45520	AI850294	TC201342	null	Mm.41682
62465	74724	AI850327	TC160729	FT1 protein	Mm.28027
73161	79815	AI850234	TC204245	null	Mm.39416
2795135	2290802	AI850270	TC157756	putative phosphatase subunit	Mm.22587
20434	15756	AI850301	TC201756	null	Mm.31242
20420	22908	AI850334	TC192338	null	Mm.41706
60196	56893	AI851778	TC161320	[Mouse mRNA sequence.], gene p	Mm.1810
52346	64876	AI851609	null	null	null
12967	13169	AI851633	TC159465	beta globin	Mm.2329
74719	64854	AI851664	null	null	null
76574	91368	AI851785	null	null	Mm.42441
22542	22799	AI851615	TC203046	null	Mm.41686
66027	76951	AI851640	TC173753	mitochondrial transcription fa	Mm.41766
41888	58833	AI851670	TC189636	null	Mm.24809
131966	121556	AI848935	TC161381	null	Mm.22602
34107	41595	AI844029	TC157641	delta7-sterol reductase	Mm.3747
15119	13169	AI844073	TC186943	null	null
36371	34441	AI844119	TC192234	null	Mm.32162
12370	13494	AI848942	TC200089	growth hormone precursor (aa -	Mm.1240
0	0	AI844038	TC162046	Hrs	Mm.7919
0	0	AI844083	TC202482	null	Mm.30075
0	0	AI844127	TC158296	null	Mm.16820
11828	10146	AI854334	TC170117	null	null
29457	29326	AI854376	TC210621	null	Mm.44515
4508	5564	AI850133	TC174096	null	Mm.24028
12855	15112	AI850180	TC208264	null	null
25018	25913	AI854347	TC193786	null	Mm.40580
15439	18280	AI854388	null	null	null
0	0	AI850146	null	null	Mm.40197
67520	67981	AI850190	TC160957	null	Mm.28551
0	0	AI850640	null	null	null

744779	649505	AI850678	TC176727	null	Mm.23437
216026	231366	AI850723	null	null	Mm.18041
39945	37877	AI851747	null	null	null
10419	10834	AI850652	TC176564	null	Mm.27905
15426	14463	AI850690	TC181736	unknown	null
12466	7381	AI850733	TC164699	null	Mm.38180
0	0	AI851756	TC159234	null	Mm.31999
426377	479197	AI844166	TC182725	null	null
61736	68635	AI844220	TC160949	null	Mm.29873
50333	54108	AI849631	TC175880	null	Mm.33277
17131	15494	AI849675	TC161275	Fyn(T)	Mm.4848
79599	96355	AI844184	TC174747	calbindin	Mm.46714
33417	44106	AI844231	null	null	Mm.51560
41945	64277	AI849646	TC189587	null	Mm.21201
611128	648318	AI849689	TC191523	null	Mm.39724
152415	136574	AI850226	TC160086	protein kinase	Mm.1761
14240	18742	AI850262	TC174023	LAP2 binding protein 1	Mm.7508
100278	110983	AI850295	TC197063	null	Mm.40884
14333	13594	AI850328	TC210713	null	Mm.40201
25092	21614	AI850235	TC204076	null	Mm.12607
39760	41999	AI850273	TC188938	null	Mm.28913
30887	28685	AI850303	TC205791	null	Mm.39992
60875	68654	AI850335	TC160906	null	Mm.21241
0	0	AI851780	null	null	null
0	0	AI851610	TC174507	membrane interacting protein o	Mm.30126
13555	13404	AI851634	TC192132	null	Mm.17830
22219	19795	AI851665	null	null	null
40612	45261	AI851787	TC202254	DNA-binding protein	Mm.39098
0	0	AI851616	null	null	Mm.34775
23273	25440	AI851644	null	null	null
0	0	AI851671	TC160709	stat5b	Mm.41404
32501	33574	AI848936	TC173339	WS-3 protein	Mm.29089
52465	56143	AI844030	TC202822	null	Mm.24102
37901	39274	AI844075	TC173760	nuclear LIM-only 4 protein	Mm.35004
22676	47575	AI844122	TC161197	null	Mm.28649
93612	155244	AI844620	TC201558	formin binding protein 30	Mm.745
34036	38593	AI844040	TC193725	null	Mm.67033
21895	23149	AI844084	TC190898	null	Mm.25687
194894	183239	AI844129	TC201852	null	Mm.39988
55920	66272	AI854335	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
30807	42887	AI854379	TC175701	null	Mm.28184
64542	62743	AI850134	TC187524	null	Mm.29294
12385	17753	AI850181	TC202884	null	Mm.34540
106457	255348	AI854349	TC160410	serum and glucocorticoid-regul	Mm.28405
49983	44124	AI854390	TC191435	null	Mm.25262
12777	10408	AI850147	null	null	Mm.40526
61117	63649	AI850194	TC201987	UNC-51-like kinase ULK1	Mm.10750
33767	45886	AI850641	TC160530	nuclear factor i	Mm.4025
22404	23185	AI850679	TC210711	null	Mm.60661
60782	59847	AI850724	TC187034	null	Mm.27394
24798	41293	AI851748	TC206244	null	null

62280	60543	AI850653	TC201670	cupidin	Mm.228
10676	12787	AI850692	TC187514	null	Mm.29356
262700	310772	AI850736	null	null	null
59622	60350	AI851757	TC161563	null	null
65053	68207	AI844168	TC207215	null	Mm.40149
28569	23967	AI844221	TC180901	null	Mm.39371
31117	33100	AI849634	null	null	Mm.39878
48999	64017	AI849676	TC160434	null	Mm.28397
174995	248176	AI844189	TC204145	null	Mm.35141
7096	6282	AI844235	TC169409	null	Mm.40174
27135	40851	AI849649	TC159612	plasma glutathione peroxidase	Mm.7156
204045	295173	AI849691	TC186602	null	Mm.1661
3059	6733	AI850227	TC189370	null	Mm.25538
292186	511427	AI850263	TC160272	null	Mm.486
9286	9208	AI850296	TC187345	methylenetetrahydrofolate dehy	Mm.443
85699	137918	AI850329	TC186487	non-histone chromosomal high-m	Mm.16421
15220	17376	AI850236	TC186545	null	Mm.21905
95149	68410	AI850274	TC174355	glutaredoxin	Mm.29728
6818	10552	AI850304	null	null	null
34960	58848	AI850336	TC186640	null	Mm.43319
8467	10356	AI851781	TC174917	MRP5	Mm.20845
9906	11884	AI851611	TC161734	null	Mm.38921
9430	8431	AI851636	TC208721	null	Mm.41105
4120	6515	AI851666	TC175882	null	Mm.27715
92433	104728	AI851788	TC175150	tyrosine kinase	Mm.21056
121866	114437	AI851617	TC202000	null	Mm.37962
19161	16497	AI851645	TC202682	epsilon tyrosine phosphatase c	Mm.945
6910	9774	AI851672	TC173665	mammary transforming protein	Mm.544
14710	18683	AI853382	TC174911	null	Mm.45521
26132	25709	AI851804	TC186825	null	Mm.21069
0	0	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
8786	8866	AI851817	TC202193	ELL	Mm.1552
0	0	AI851854	TC174857	formerly known as STM2; homol	Mm.4338
27582	20951	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
0	0	AI852978	TC188002	TR2L	Mm.5159
16325	21091	AI852796	TC168592	null	Mm.39435
31642	27037	AI852909	null	null	Mm.39666
62569	65565	AI852952	TC200350	mDj3	Mm.29186
5740	4742	AI852039	TC174613	MUEL protein	Mm.29492
36370	35384	AI853138	TC200512	null	Mm.29879
10886	10163	AI853739	TC161770	null	Mm.26783
15159	13398	AI853775	TC165573	zinc finger DNA-binding protei	Mm.40505
8262	7398	AI853807	TC161689	null	Mm.22271
23203	28912	AI853145	TC160598	bromodomain-containing FSH-lik	Mm.28721
7829	12354	AI853748	null	null	null
5252	6536	AI853786	null	null	null

0	0	AI853163	null	null	Mm.40232
26278	30105	AI854446	TC203765	null	Mm.41207
15449	10140	AI854476	TC164030	TWEAK	Mm.8983
4449	5932	AI852594	TC206901	null	Mm.44141
14881	21531	AI852624	null	null	Mm.30491
28429	28779	AI854452	null	null	Mm.40583
0	0	AI854486	TC159419	protein precursor (AA -43 to 5	Mm.16773
10580	13477	AI852600	TC203341	null	Mm.68839
142431	139438	AI852633	null	null	null
0	0	AI852064	TC166382	null	Mm.40297
24487	32108	AI852102	TC174807	small GTP-binding protein asso	Mm.21904
29124	27751	AI852138	TC203920	null	Mm.30463
42940	45933	AI852179	TC188129	null	Mm.27951
19497	25052	AI852072	TC176120	null	Mm.21571
0	0	AI852110	null	null	Mm.41845
32038	51204	AI852142	TC201207	myosin I	Mm.3390
13217	15769	AI852186	TC197061	null	Mm.48503
55242	45714	AI853192	TC186667	null	Mm.41
22620	15795	AI853231	null	null	Mm.39671
31988	33956	AI852678	TC203609	null	Mm.32494
28609	35023	AI852712	TC159957	connexin 43	Mm.4504
12102	9872	AI853203	null	null	Mm.39670
62965	96856	AI852654	TC159887	null	Mm.21848
0	0	AI852688	TC179644	null	Mm.32010
0	0	AI852721	null	null	null
79283	48584	AI853383	TC200477	null	Mm.29196
0	0	AI851805	TC174897	fallotein	Mm.40268
0	0	AI851844	TC202566	null	Mm.29245
0	0	AI854417	TC176489	null	Mm.33904
0	0	AI853389	TC184234	null	Mm.40947
18884	30936	AI851818	TC201222	null	Mm.46548
42074	44102	AI851856	TC191529	null	Mm.57474
0	0	AI854423	TC160678	null	Mm.23918
12988	10990	AI852790	TC176939	null	Mm.45183
0	0	AI852817	TC188914	null	Mm.39436
10040	11740	AI852946	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
0	0	AI852979	TC191057	DNA-binding protein	Mm.3179
6306	7579	AI852797	TC166766	null	Mm.41685
10655	14436	AI852911	TC200794	null	Mm.41389
11528	9404	AI852955	null	null	null
9941	10798	AI852041	null	null	null
18019	21009	AI853139	TC160822	null	Mm.34164
24156	15376	AI853742	TC191752	Six3b	Mm.15630
23036	23161	AI853776	TC187138	null	Mm.25293
6529	6444	AI853808	TC162585	null	Mm.45758
35767	29133	AI853146	TC176462	null	Mm.46307
0	0	AI853749	null	null	null
3564	4268	AI853788	null	null	Mm.43973
6974	7716	AI853164	null	null	null
48097	53633	AI854447	TC200290	SET	Mm.36677
59835	64853	AI854477	TC200863	null	Mm.28028

40516	51255	AI852595	TC187216	asparagine synthetase	Mm.2942
83148	106422	AI852625	TC178992	null	Mm.36389
9076	9000	AI854453	null	null	Mm.40962
11777	13059	AI852573	TC179431	null	null
26836	26226	AI852602	TC210694	null	Mm.39918
9566	10395	AI852634	null	null	null
0	0	AI852065	null	null	null
15951	22962	AI852103	TC200837	Su(var)3-9 homolog	Mm.9244
7425	6988	AI852139	TC198710	null	Mm.44139
37453	50950	AI852181	TC163888	null	Mm.21117
27738	33082	AI852074	TC200055	receptor-like tyrosine kinase;	Mm.5021
13359	13557	AI852111	TC190226	null	Mm.30552
0	0	AI852143	TC175324	null	Mm.41245
3498	4680	AI852187	TC183510	null	Mm.63744
0	0	AI853193	TC192267	Fuc-TVII	Mm.1203
36896	25803	AI853232	TC190291	null	Mm.36757
19253	30065	AI852679	TC160541	p33ING1 protein	Mm.36840
20946	36843	AI852713	null	null	Mm.39664
7485	8315	AI853204	TC176994	p8 MTCP-1	Mm.16366
56115	76793	AI852655	TC162514	null	Mm.36705
8799	9168	AI852689	TC191951	null	Mm.27441
12301	16893	AI852724	TC189648	null	Mm.41068
0	0	AI853384	TC202491	null	Mm.495
0	0	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
0	0	AI853390	TC162967	methyltransferase-like protein	Mm.41667
3717	4835	AI851819	TC163823	null	Mm.31815
0	0	AI851857	null	null	Mm.39227
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31095	34636	AI852792	TC200672	Mdes protein	Mm.29648
4513	5363	AI852818	TC174367	prodynorphin	Mm.6239
0	0	AI852947	TC174761	null	Mm.29930
48584	37595	AI852981	TC164481	null	Mm.41855
28213	24785	AI852798	TC165027	null	Mm.55620
63159	78917	AI852912	TC202843	null	Mm.27614
22950	20649	AI852958	TC196434	null	Mm.44142
0	0	AI852042	TC174670	GTPase-activating protein	Mm.3072
10866	10152	AI853140	TC163663	null	Mm.11171
10644	15482	AI853743	TC189822	null	Mm.18998
40146	41033	AI853778	TC201930	null	Mm.26709
18319	21663	AI853810	TC166291	null	Mm.24528
17084	12135	AI853147	TC206155	null	Mm.44192
31079	23128	AI853751	TC163375	transcription factor TFEB	Mm.2305
18777	19782	AI853789	TC187600	null	Mm.27990
114290	139226	AI853165	TC174745	null	Mm.24655
191550	173613	AI854448	TC159055	null	null
0	0	AI854479	null	null	Mm.37462
7776	9089	AI852596	null	null	Mm.40227
103122	107113	AI852628	TC161469	hydrophilic protein	Mm.2948
34503	29343	AI854454	TC162745	null	Mm.32885

9023	16252	AI852574	TC189732	null	Mm.1960
12394	23544	AI852603	TC174716	null	Mm.29491
47402	40745	AI852636	null	null	Mm.18494
0	0	AI852066	TC197058	null	Mm.44138
10042	14055	AI852104	TC175535	null	Mm.27633
0	0	AI852140	TC174836	null	Mm.41368
16935	13855	AI852182	TC204506	null	Mm.41051
0	0	AI852075	TC193728	null	Mm.39905
4127	5231	AI852112	TC161753	null	Mm.39906
0	0	AI852144	TC187169	pre-B-cell colony-enhancing fa	Mm.28830
0	0	AI852188	TC177761	null	null
12466	23284	AI853194	TC159483	testicular antigen	Mm.46540
0	0	AI853233	TC188214	Rab8-interacting protein	Mm.25860
4295	8385	AI852680	TC190388	null	Mm.34463
4301	5205	AI852716	null	null	null
30187	15704	AI853207	TC157709	null	Mm.34422
64176	55791	AI852657	TC189224	null	Mm.40318
36694	49920	AI852690	null	null	Mm.39293
11745	14469	AI852725	TC187309	null	Mm.1444
8154	7873	AI853385	TC205054	null	Mm.44145
20179	17920	AI851811	TC201476	null	Mm.28546
269926	174360	AI851848	TC160287	aldehyde dehydrogenase II	Mm.4514
9952	8239	AI854419	TC173896	null	Mm.21915
14602	12709	AI853392	TC190463	null	Mm.41572
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0	0	AI854427	TC204513	ion channel BCNG-2	Mm.12956
0	0	AI852793	TC187806	superoxide dismutase 2, mitoch	Mm.2597
64401	55037	AI852906	TC189898	CLOCK	Mm.3552
63713	67696	AI852949	TC174734	null	Mm.26168
29688	27254	AI852036	TC160221	NSD1 protein	Mm.12964
28420	33442	AI852799	TC202025	persyn	Mm.22231
36612	22492	AI852913	TC189755	null	Mm.40937
0	0	AI852959	TC160964	serine/threonine protein kinas	Mm.4082
12875	17104	AI852043	TC192423	null	Mm.25203
43235	46097	AI853141	TC201886	lysophospholipase II	Mm.34302
20315	16095	AI853744	TC201723	null	Mm.41518
26412	23397	AI853780	TC193356	testis-specific Y-encoded-like	Mm.20445
13613	17782	AI853812	TC173812	null	Mm.34772
33537	34908	AI853148	TC199902	null	Mm.37346
0	0	AI853753	TC162862	null	Mm.25816
7240	10380	AI853790	TC172472	null	null
9346	8783	AI853166	TC165363	null	null
0	0	AI854449	TC175185	YL-1 protein	Mm.29819
58971	57042	AI854481	null	null	Mm.40964
46078	41006	AI852597	null	null	Mm.40557
80807	96541	AI852629	TC177890	null	Mm.5337
36175	38824	AI854455	null	null	Mm.41710
0	0	AI852575	TC210857	null	Mm.40225
15562	24107	AI852605	TC159452	Dlgh1 homolog	Mm.382
255966	277342	AI852638	TC161799	null	Mm.26381

22947	27678	AI852067	TC192797	null	null
13445	15365	AI852107	TC177621	null	Mm.31329
74754	65073	AI852146	TC202037	null	Mm.29043
46831	53252	AI852183	null	null	Mm.51565
15506	22056	AI852078	TC157967	null	Mm.31364
48388	54298	AI852116	TC170710	null	Mm.44629
17483	22003	AI852151	TC178067	null	Mm.41587
16213	18796	AI852189	TC189930	unnamed protein product	Mm.31367
17296	20549	AI853195	null	null	null
14770	18329	AI853236	TC187087	Murine homolog of human ftp-3	Mm.22757
17073	23904	AI852681	TC172966	null	Mm.38830
12977	10424	AI852717	TC160256	succinyl-CoA synthetase	Mm.29845
100284	106420	AI853208	TC174496	histone deacetylase 5	Mm.22665
14525	11958	AI852659	TC201221	null	Mm.26480
100330	124255	AI852691	TC200469	microtubule-associated protein	Mm.12625
28164	36056	AI852726	TC189590	null	Mm.6926
70132	72751	AI853386	null	null	Mm.39929
19413	17676	AI851815	TC161378	null	Mm.29553
0	0	AI851852	null	null	null
4226	5082	AI854420	TC178795	null	Mm.41354
8939	14191	AI853393	TC203506	platelet glycoprotein Ib beta	Mm.20365
7580	7312	AI851823	TC159687	E2F-like transcriptional repre	Mm.29590
0	0	AI851859	TC188463	null	null
0	0	AI854428	TC177394	null	Mm.41618
34185	39676	AI852794	TC175873	null	Mm.44224
93595	84121	AI852907	TC188356	null	Mm.42908
16046	14788	AI852950	TC181817	null	Mm.39500
36122	49252	AI852037	TC174134	ets2 protein	Mm.22365
46232	59105	AI852801	TC182469	null	Mm.35297
21269	18111	AI852914	TC203946	null	null
4953	4937	AI852960	TC174404	null	Mm.14569
10492	31952	AI852045	TC162733	null	Mm.35655
14792	17126	AI853142	TC187172	null	Mm.21852
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0	0	AI853813	TC203417	null	Mm.39940
31787	38504	AI853149	null	null	null
45276	52544	AI853755	TC163644	null	Mm.33378
51855	48759	AI853791	TC188046	null	Mm.18249
33399	35861	AI853169	null	null	Mm.22026
187264	178125	AI854450	TC160962	null	Mm.18054
95191	107309	AI854482	TC202898	jerky	Mm.20971
24897	29099	AI852598	TC165688	null	null
39329	45691	AI852630	null	null	Mm.710
81380	97212	AI854456	null	null	Mm.39684
77304	70083	AI852576	TC173097	null	Mm.3035
19971	26243	AI852606	null	null	null
46101	51466	AI852640	TC177659	null	Mm.37520
71707	110516	AI852068	TC183508	null	null
20403	23525	AI852108	TC176371	null	Mm.41450
14647	13104	AI852148	TC201387	null	Mm.30991

13450	19420	AI852184	TC188078	null	Mm.28690
31179	28323	AI852082	TC188637	null	Mm.28059
23829	25256	AI852118	null	null	null
8284	6940	AI852152	null	null	Mm.39425
93624	100336	AI852190	TC189322	null	Mm.40217
0	0	AI853201	TC204229	GABA-alpha receptor delta-subu	Mm.41296
102966	74636	AI852652	TC175032	null	Mm.41029
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0	0	AI852718	null	null	Mm.22691
39827	37632	AI853209	TC186868	qkl-7	Mm.2655
52775	52766	AI852660	TC201188	cAMP-regulated phosphoprotein	Mm.39975
0	0	AI852692	TC196963	null	Mm.67040
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0	0	AI851816	TC177168	null	Mm.68357
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8465	12532	AI851861	TC205204	null	Mm.40214
31536	38870	AI854429	TC189101	null	Mm.37336
25922	26117	AI852795	TC173067	null	Mm.21952
15656	24094	AI852908	null	null	Mm.39438
24752	25259	AI852951	TC176162	null	Mm.27110
244182	447491	AI852038	TC186375	PO protein	Mm.5286
11237	14295	AI852802	TC187093	E6-AP ubiquitin protein ligase	null
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21483	23042	AI852961	TC206955	SLIT1	Mm.40322
43277	48538	AI852046	TC162358	null	Mm.41648
226169	278180	AI853143	TC186505	null	Mm.21802
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88243	79227	AI853150	TC201280	D-dopachrome tautomerase	Mm.5731
23978	28946	AI853758	TC202760	NSP-like 1	Mm.24142
27210	28106	AI853792	TC188005	white homolog	Mm.15691
102960	119782	AI853170	TC174643	null	Mm.613
24095	23842	AI854451	TC175238	null	null
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55117	52291	AI852599	null	null	null
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118841	139266	AI854457	TC188538	tripeptidyl-peptidase ii	Mm.28867
502922	614070	AI852577	TC159507	putative steroid dehydrogenase	Mm.22505
64429	60521	AI852607	TC157311	null	Mm.39287
254620	279414	AI852641	TC187450	p8 protein	Mm.18742
6287	10442	AI852070	TC201602	Ese1 protein	Mm.40546
0	0	AI852109	TC157348	null	Mm.40624
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49285	57580	AI852185	TC187325	null	Mm.29503
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55849	54240	AI852154	TC161047	null	Mm.30160
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23830	25174	AI853202	TC195082	null	Mm.40018
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16905	27253	AI853210	TC200181	basement membrane collagen alp	Mm.738
83347	84945	AI852661	TC204955	null	Mm.2388
107305	114968	AI852694	TC162093	null	Mm.33285
22761	23200	AI852730	null	null	null
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43396	57907	AI853031	TC158806	null	Mm.30134
3207	5887	AI854041	TC160697	null	Mm.22749
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47847	49497	AI854263	TC202237	Supt6h	Mm.20755
79987	63361	AI854291	TC191015	null	Mm.68685
12181	19016	AI850835	TC168142	null	Mm.41312
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60073	63064	AI854171	TC173588	null	Mm.35136
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112594	89901	AI854206	TC173316	beta-hexosaminidase	Mm.27816
30409	22382	AI853062	TC174927	null	Mm.34790
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48741	59482	AI852417	TC212205	null	null
68540	88188	AI852444	TC178504	null	Mm.22883
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67560	63135	AI852357	TC200218	initiation factor 4All (AA 1 -	Mm.16323
0	0	AI852423	TC178813	null	Mm.69080
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13938	8145	AI853887	TC190855	null	Mm.29653
13193	12829	AI853906	TC188751	null	Mm.18237
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45062	46233	AI853441	TC190550	null	Mm.36738
211632	111741	AI853466	TC203214	fatty acid transport protein 4	Mm.30487
145816	80389	AI854179	TC190039	null	Mm.41916
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63321	77643	AI853065	TC177442	null	Mm.40648
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269602	484555	AI852418	TC168049	null	Mm.44140
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28577	39604	AI852358	TC189460	null	Mm.25695
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118813	105275	AI852451	TC173983	Crk-associated substrate	Mm.3758
12983	12632	AI851482	null	null	Mm.39897
11326	10787	AI853901	TC189326	null	Mm.39259
23678	26977	AI853919	TC164728	null	Mm.40689
12471	13976	AI850991	TC201654	null	Mm.26484
55812	58306	AI853888	TC161355	HIRA-interacting protein (HIRI	Mm.23809
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4934	4877	AI851000	TC203441	null	Mm.40207
9976	13398	AI854227	TC201693	null	Mm.29681
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63036	80161	AI854803	TC206787	null	null

56338	76287	AI854234	TC174886	unknown	Mm.11815
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48510	40359	AI854778	TC202662	null	Mm.31405
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15542	12505	AI853034	TC175628	C /EBP delta	Mm.4639
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33741	30447	AI850837	TC175593	null	Mm.34194
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110968	88618	AI854300	TC160697	null	Mm.22749
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62838	71581	AI850887	TC201367	null	Mm.423
37514	36392	AI853435	TC192117	null	Mm.26053
454909	770652	AI853461	TC177956	null	Mm.39304
168442	136739	AI854174	TC200151	uroporphyrinogen decarboxylase	Mm.22494
32148	38812	AI854201	TC201056	null	Mm.41716
96569	102639	AI853442	TC190934	null	Mm.46381
43672	33335	AI853468	TC208684	null	Mm.39465
93526	76572	AI854180	TC174799	null	Mm.41933
28365	36396	AI854208	TC202317	X-linked PEST-containing trans	Mm.5045
99289	114214	AI853067	TC160074	casein kinase I-alpha	Mm.1581
54336	76178	AI852351	TC200800	null	Mm.28494
23586	22431	AI852419	TC163636	beta-B3-crystallin	Mm.40616
27533	36389	AI852446	TC164215	null	Mm.40727
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68527	64527	AI852360	TC204387	null	Mm.33042
419553	589274	AI852426	TC204826	null	Mm.26167
4804	5387	AI853565	null	null	null
0	0	AI853883	TC202705	SH2 domain-containing protein	Mm.20908
4085	3625	AI853902	null	null	Mm.3076
71246	61426	AI853920	TC160589	null	Mm.42805
6407	10195	AI850992	TC158541	null	Mm.21906
17231	2131	AI851483	TC191071	null	Mm.31590
34649	43905	AI853908	TC186538	null	Mm.68370
5548	10559	AI853929	TC208073	null	Mm.40859
0	0	AI851001	TC159688	insulin-like growth factor bin	Mm.578
2858	3968	AI854229	TC177381	receptor protein tyrosine phos	Mm.29220
55641	77379	AI854741	TC196943	null	Mm.39269
7921	8343	AI854771	TC175535	null	Mm.27633
29166	29202	AI854804	TC188443	Frg1	Mm.67
99030	108188	AI854235	TC200828	RS21-C6	Mm.29898
89080	72073	AI854751	TC157644	coproporphyrinogen oxidase	Mm.35820
397932	304022	AI854779	TC157699	null	Mm.35849

23512	26992	AI854813	null	null	Mm.26486
34301	26719	AI854038	TC160917	ponsin-1	Mm.29030
37814	43621	AI854066	TC168030	beta-1,6-N-acetylglucosaminylt	Mm.23803
0	0	AI852998	TC177927	null	Mm.45122
12669	9366	AI853035	TC188308	unnamed protein product	Mm.28584
4531	6972	AI854044	TC189181	putative	Mm.7405
28043	36217	AI854072	TC188924	nuclear pore membrane glycopro	Mm.41373
25444	29478	AI853005	TC167307	null	Mm.39742
0	0	AI853042	TC167126	null	null
3502	7521	AI854266	TC187218	null	Mm.1008
31424	30570	AI854294	TC202716	null	Mm.28283
92337	124491	AI850838	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
15962	19445	AI850878	TC165552	null	Mm.32754
29345	29136	AI854273	TC187558	multiple exostosis protein	Mm.4336
36185	49121	AI854301	TC158598	Mus musculus 60kDa SS-A/Ro	Mm.35793
17502	22971	AI850849	TC177089	null	Mm.1725
6704	7109	AI850888	TC199966	null	Mm.37810
9794	7675	AI853436	TC203798	null	Mm.38154
35886	44222	AI853462	TC161314	beta-catenin-interacting prote	Mm.41550
21764	26383	AI854175	TC200743	MUSPUR	Mm.29759
92634	121639	AI854202	TC174391	null	Mm.28786
16040	16084	AI853443	TC177857	null	Mm.40234
34485	41045	AI853469	TC186580	null	Mm.5612
5133	4754	AI854181	TC162198	null	null
15349	21423	AI854209	TC176613	null	Mm.41492
84239	107201	AI853068	TC176639	null	Mm.41735
28254	24025	AI852352	TC188730	null	Mm.45561
25908	23141	AI852420	TC201077	leucine-rich repeat protein	Mm.39913
32796	33846	AI852447	TC178319	null	Mm.4692
0	0	AI852332	TC175065	null	Mm.41637
24500	23236	AI852361	TC191255	null	Mm.37898
11320	11675	AI852427	TC176716	null	Mm.36822
104161	106602	AI853566	TC201145	null	Mm.30965
34556	21874	AI853884	TC194714	null	Mm.32743
105100	85799	AI853903	TC186726	IER5	Mm.12246
17744	17214	AI853921	TC167534	null	null
25793	23557	AI850994	TC175336	null	Mm.28506
30076	27061	AI851484	TC168524	null	null
22360	16117	AI851493	TC173131	null	Mm.29859
7217	6270	AI853930	TC174312	null	Mm.3886
16968	19863	AI851002	null	null	null
16568	14159	AI854230	TC189585	null	Mm.38228
53122	72774	AI854742	null	null	null
7699	6661	AI854772	null	null	null
130973	105336	AI854805	TC173524	null	Mm.21868
28426	28558	AI854236	null	null	Mm.2944
37739	25114	AI854752	TC160327	radixin	Mm.7051
10941	9759	AI854780	TC169720	null	Mm.21390
17056	12809	AI854814	TC205739	null	Mm.17341
134198	70456	AI854039	TC203214	fatty acid transport protein 4	Mm.30487
21787	18940	AI854067	TC183421	null	null

4974	6398	AI852999	TC160295	null	Mm.34832
84274	86264	AI853036	TC200330	null	Mm.23929
36504	43475	AI854045	TC202888	null	Mm.34977
39174	43845	AI854074	TC182905	null	Mm.40579
13788	18028	AI853007	null	null	Mm.39669
42117	38920	AI853043	TC161660	null	Mm.35926
0	0	AI854267	TC204186	null	Mm.41143
28227	34620	AI854295	TC189969	rasGAP-activating-like protein	Mm.41209
0	0	AI850840	null	null	null
38454	43370	AI850881	TC160713	TFIIH transcription/DNA repair	Mm.10182
29292	35207	AI854274	TC159887	null	Mm.21848
20666	20073	AI854302	TC200673	null	Mm.30165
20439	32786	AI850850	TC157777	null	Mm.30240
15283	9321	AI850889	TC160871	claudin-11	Mm.4425
7019	6677	AI853437	TC161321	null	Mm.41421
25026	19681	AI853463	TC201337	null	Mm.24848
92560	88269	AI854176	TC187502	null	Mm.30007
39055	40176	AI854204	TC188663	null	Mm.11473
4849	11465	AI853444	TC160773	null	Mm.204
14757	24268	AI853470	TC184486	null	null
3123	4821	AI854182	TC173489	ORF	Mm.3940
11325	15734	AI854210	TC162537	null	Mm.24342
74983	75150	AI853069	TC161644	null	Mm.27445
149885	130967	AI852354	TC189706	orf5 protein	Mm.34273
46228	40515	AI852421	null	null	null
31919	31076	AI852448	TC175598	null	Mm.7775
27067	24045	AI852334	null	null	null
166384	135616	AI852363	TC187745	null	Mm.27396
10501	11969	AI852429	null	null	Mm.40551
93499	62459	AI853569	TC157590	null	Mm.4071
32377	35130	AI853885	TC200361	glutathione-S-transferase homo	Mm.282
35118	42973	AI853904	TC203134	null	Mm.29511
21392	24138	AI853922	TC175173	null	Mm.30822
18765	24326	AI850995	TC178101	null	Mm.37795
26606	23668	AI851485	TC158925	E46 protein	Mm.4098
23018	26295	AI851494	TC158468	KIF2 protein	Mm.4415
10256	16308	AI853931	TC191565	null	Mm.10255
24183	31713	AI851005	TC206494	null	Mm.41570
11914	14529	AI854231	TC161484	ARF6	Mm.4898
13227	17824	AI854743	TC187053	adenylate kinase isozyme 3	Mm.27450
14786	15947	AI854773	TC162909	null	Mm.28923
13465	13961	AI854807	null	null	Mm.39950
13440	11750	AI854237	TC161496	null	Mm.41668
58535	78606	AI854753	TC161448	null	Mm.28109
16678	15873	AI854781	TC170091	null	Mm.40589
21927	26994	AI854815	TC161310	null	Mm.18875
22577	29713	AI854040	TC190029	null	Mm.40983
15471	18096	AI854068	TC175607	null	Mm.23947
76602	33876	AI853000	TC161886	glutathione S-transferase thet	Mm.2746
81978	50459	AI853038	TC186708	iron response element binding	Mm.4927
0	0	AI854046	TC180294	null	Mm.40578

108424	121725	AI854075	TC173648	complement receptor	Mm.3250
69704	66882	AI853011	TC175809	null	null
15274	16988	AI853045	TC175427	cathepsin F	Mm.29561
18712	19015	AI854268	TC193215	null	null
18715	24691	AI854296	TC162342	null	Mm.34212
19241	20996	AI850841	TC183530	null	Mm.40893
0	0	AI850882	TC175764	double-stranded RNA-binding zi	Mm.22795
103333	125773	AI854277	TC190102	muscle-specific serine kinase	Mm.41679
53065	56050	AI854303	TC192693	null	Mm.35242
42650	32465	AI850851	TC176115	YSK2	Mm.42967
246574	188446	AI850890	TC188496	null	Mm.24457
68173	68948	AI853438	TC170157	null	Mm.44125
130744	136062	AI853464	TC202056	null	Mm.45146
209757	161573	AI854177	TC162024	nudix hydrolase	Mm.28705
25954	30000	AI854205	null	null	null
62912	77092	AI853445	TC207432	null	null
40309	38128	AI853472	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
32430	33187	AI854183	TC163400	null	Mm.46699
247927	190399	AI854211	TC159812	cytochrome c oxidase subunit V	Mm.14022
631336	571616	AI853070	TC159840	death effector domain-containi	Mm.22585
19612	22287	AI852356	TC186724	neuropilin	Mm.27448
13627	14873	AI852422	TC161847	null	Mm.34035
100180	184289	AI852449	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
0	0	AI852335	null	null	null
57312	60815	AI852368	TC162517	null	Mm.40686
686183	437143	AI852430	TC202065	peripheral myelin protein	Mm.1237
107076	157838	AI853570	TC201483	null	Mm.29601
41197	35320	AI853886	TC173885	null	Mm.33832
12397	11571	AI853905	null	null	null
9817	12181	AI853924	TC189042	null	Mm.27153
59250	49036	AI850997	TC189425	DNA-binding protein	Mm.37216
50583	42543	AI853889	TC189294	null	Mm.27562
12808	17473	AI851495	TC201235	developmental arteries and neu	Mm.25347
202487	178896	AI851503	TC157635	overexpressed in testicular tu	Mm.4962
6652	2018	AI851006	TC201097	null	Mm.28399
16628	17661	AI854232	TC173584	Impact	Mm.8154
39095	51282	AI854744	null	null	Mm.41368
16795	19656	AI854775	null	null	null
9307	15745	AI854808	TC175058	null	Mm.5259
227480	312820	AI854238	null	null	Mm.29911
51573	51236	AI854755	TC176804	null	Mm.31646
77402	108866	AI854782	TC187673	null	Mm.23445
183756	180746	AI854816	TC177517	ALK-6	Mm.39089
18951	16817	AI854587	TC162503	proline dehydrogenase; PRODH	Mm.28456
0	0	AI854612	null	null	Mm.40246
0	0	AI854637	TC205758	null	Mm.23157
73494	54030	AI851245	TC159993	succinate dehydrogenase Fp sub	Mm.22149
15318	22376	AI854593	TC175607	null	Mm.23947
23193	22700	AI854619	TC200678	vacuolar sorting protein VPS29	Mm.28356
12809	24853	AI854646	TC176663	invasion inducing protein	Mm.1211
8136	7701	AI851253	TC170197	null	Mm.40534

0	0	AA410118	TC200398	UBE-1c2	Mm.42795
0	0	AA407096	null	null	null
4958	13615	AA407298	TC160678	null	null
16535	22623	AA407758	TC188964	null	Mm.18658
0	0	AA407044	TC203570	null	Mm.27443
256060	259803	AA407187	TC157214	ubiquitin	Mm.235
963286	1051528	AA407733	TC159796	calmodulin	Mm.2648
0	0	AA407855	null	null	null
148367	143469	AI851275	TC176815	arsenite-translocating ATPase	Mm.41475
103245	154247	AI851307	TC175245	null	Mm.37541
2459	4463	AI851098	TC162359	APEG-1 protein	Mm.2104
115195	102299	AI851160	TC159157	transmembrane protein TM9SF1	Mm.29649
30311	34351	AI851283	TC163726	null	Mm.40719
75151	105175	AI851074	TC162974	novel stromal cell protein	Mm.17958
64625	65419	AI851105	TC175802	null	Mm.28354
233357	186244	AI851168	TC159753	cytochrome c oxidase subunit V	Mm.16769
8199	16454	AA408160	TC164545	null	null
17047	12927	AA408278	TC158443	null	Mm.29927
12785	19814	AA408420	TC177315	null	Mm.27795
0	0	AA408513	TC187878	TF-1 apoptosis related protein	Mm.21650
33299	54235	AA408182	null	null	Mm.37214
48776	49368	AA408304	null	null	Mm.24486
0	0	AA408446	TC159890	mPRL-2	Mm.6355
17811	19261	AA408518	TC193566	null	Mm.23210
0	0	AI854588	TC165299	null	null
20621	19331	AI854613	null	null	null
22512	21622	AI854638	TC173873	null	Mm.28675
140159	135845	AI851246	TC160396	D52	Mm.2777
51523	47070	AI854594	TC205923	null	null
28361	23957	AI854620	TC187594	null	Mm.31586
25336	13044	AI854647	TC188909	cationic amino acid transporte	Mm.5140
12929	12083	AI851254	TC183498	null	Mm.40902
3389	4546	AA406997	TC201207	myosin I	Mm.3390
13737	19209	AA407162	null	null	null
25823	36528	AA407299	TC160164	ribonucleotide reductase subun	Mm.99
9964	17758	AA407843	TC161532	null	Mm.198
12584	18718	AA407046	TC163888	null	Mm.21117
23938	26377	AA407204	TC202076	null	Mm.22449
263959	317503	AA407734	TC200267	V-1 protein	Mm.4143
28352	26452	AA407858	TC158381	null	Mm.3344
2077674	2859258	AI851276	TC174631	null	Mm.22374
93289	115011	AI851309	TC162381	null	Mm.28819
56758	73293	AI851099	TC194837	null	null
53483	55519	AI851161	TC180439	null	Mm.40023
257792	239824	AI851284	TC187166	reading frame interferon beta-	Mm.168
173212	120049	AI851075	TC198924	null	Mm.39641
30318	31180	AI851141	TC197066	null	Mm.40532
54035	53885	AI851169	TC174553	null	Mm.37744
33380	29302	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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4554	7565	AA408306	TC162792	null	Mm.3609
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70719	111580	AI854614	TC186814	null	Mm.24948
20602	22983	AI854639	TC200489	null	Mm.36900
25544	32006	AI851247	TC203121	null	Mm.24684
21045	21652	AI854595	TC164187	null	Mm.19957
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0	0	AI854648	TC200167	fibromodulin	Mm.41573
6995	6196	AI851255	TC157638	cathepsin B	Mm.27986
5059	6533	AA407023	TC200669	null	Mm.30242
22342	22493	AA407180	null	null	null
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83383	90475	AA407832	null	null	Mm.20938
49042	40600	AA407010	TC176560	null	Mm.28928
83918	97410	AA407206	TC160165	null	Mm.21811
5562	2644	AA407765	null	null	Mm.100529
191337	213318	AA407887	TC174133	null	Mm.22365
202145	270620	AI851277	TC209862	null	Mm.39735
183837	351451	AI851312	TC188197	MSSP	Mm.27230
85405	86373	AI851100	null	null	Mm.40900
38252	43740	AI851162	TC202040	null	Mm.36697
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23955	24392	AI851170	TC165996	null	Mm.41151
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21478	26525	AA407993	TC200979	null	Mm.29902
9299	8730	AA408308	TC159749	null	Mm.27157
5823	11467	AA408450	TC160441	null	Mm.29187
25048	14060	AA408385	null	null	Mm.24493
43933	50362	AI854590	TC202332	null	Mm.28412
4897	8111	AI854615	null	null	Mm.21671
15909	19044	AI854640	TC206395	null	Mm.28984
8460	12489	AI851249	TC162003	null	Mm.27787
57490	64540	AI854596	TC187225	integrin binding protein kinas	Mm.8131
61594	68281	AI854622	TC201354	11-zinc-finger transcription f	Mm.493
20256	25178	AI854649	TC165994	null	null
153507	146767	AI851257	TC159949	syntenin	Mm.14744
25602	25537	AA407026	TC158337	tapasin	Mm.4975
0	0	AA407182	TC166012	null	Mm.37989
29657	26904	AA407270	TC163882	null	Mm.27585
0	0	AA407879	TC187703	DXImx46e protein	Mm.29297
0	0	AA407019	null	null	Mm.100527
40342	26970	AA407215	TC174439	null	Mm.34028

67058	116841	AA407767	TC174160	helix-loop-helix protein (ld)	Mm.90549
0	0	AA407974	null	null	Mm.3678
50495	45686	AI851278	null	null	null
33361	37751	AI851313	TC176411	null	Mm.28825
29723	28609	AI851102	TC202380	myosin binding protein-C	Mm.10728
8388	7633	AI851164	null	null	Mm.39223
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30833	36813	AA408426	TC158841	null	Mm.13052
139846	145030	AA408489	TC161939	null	Mm.18588
157783	160706	AA408112	TC161398	null	Mm.87585
39579	41584	AA408310	TC186862	centrosomin B	Mm.2238
26371	29094	AA408456	null	null	null
20512	23857	AA408541	null	null	null
83241	95995	AI854591	null	null	null
25415	28063	AI854616	TC175322	null	Mm.41245
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17325	16932	AI851250	TC163622	null	Mm.5794
43762	49575	AI854597	TC202660	null	Mm.38108
101941	101001	AI854623	TC188067	null	Mm.29181
36345	35971	AI854652	TC160083	null	Mm.22559
53597	59322	AI851258	TC189941	null	Mm.1560
4028	11541	AA407033	TC174927	null	Mm.34790
12365	13962	AA407183	TC174259	null	Mm.28091
36927	65757	AA407316	null	null	Mm.8856
9564	13816	AA407881	null	null	null
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13301	10726	AA407218	TC203573	NFATx	Mm.3107
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30409	23487	AA407978	null	null	Mm.4550
37244	23938	AI851279	null	null	Mm.39894
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31646	21108	AI851103	TC200313	null	Mm.29065
578688	577661	AI851165	TC179302	null	Mm.34070
34027	27714	AI851288	TC178130	null	Mm.27463
173324	136108	AI851079	TC183525	null	null
114914	91233	AI851144	TC170208	null	Mm.39421
250885	323905	AI851173	TC164724	null	Mm.68837
318419	336991	AA408156	null	null	Mm.3682
253684	188221	AA408298	TC190416	null	Mm.24485
31535	29484	AA408436	TC177644	null	Mm.38169
68273	71841	AA408490	TC173156	DBY protein	Mm.20950
74547	87710	AA408038	TC174901	null	Mm.24472
17882	27972	AA408311	TC176341	hypermethylated in cancer 1	Mm.57250
7545	11181	AA408396	null	null	Mm.24489
61364	91783	AA408545	TC174854	null	Mm.4467
212663	161538	AI854592	TC205252	null	Mm.23483

28164	31555	AI854618	null	null	null
46664	38495	AI854645	TC175880	null	Mm.33277
18485	19203	AI851251	TC162795	null	Mm.38442
70523	90548	AI854598	TC164832	null	Mm.40339
68751	101774	AI854624	null	null	Mm.21671
12280	9144	AI854653	TC162094	null	null
336478	323306	AI851259	TC173415	null	Mm.29719
18481	15697	AA407035	TC201923	mBLVR	Mm.28463
49363	70878	AA407184	TC160541	p33ING1 protein	Mm.25709
634563	495133	AA407320	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
59367	67022	AA407849	TC162892	null	Mm.22525
27142	29725	AA407055	TC176879	null	Mm.249
22354	26429	AA407196	TC201211	prolyl 4-hydroxylase alpha(II)	Mm.3705
1057434	823103	AA407780	TC158844	immunoglobulin heavy chain-bin	Mm.103647
29715	33298	AA407980	TC164546	null	Mm.23987
38518	38986	AI851280	TC186798	the third largest RNA polymera	Mm.2186
48524	52386	AI851315	TC158381	null	Mm.21435
101844	96262	AI851104	TC160900	null	Mm.26697
230791	219833	AI851166	TC203033	FL10	null
235703	196728	AI851289	TC173427	null	Mm.5885
11699	22068	AI851080	TC177915	null	Mm.39702
29842	36907	AI851145	TC170211	null	Mm.39642
0	0	AI851174	null	null	Mm.39893
4888	10003	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
19018	28329	AA408042	TC175195	hepsin	Mm.19182
269004	474416	AA408313	null	null	Mm.1129
29626	31038	AA408288	TC161711	null	Mm.27687
91742	152813	AA408548	null	null	null
26578	29288	AW537980	null	null	Mm.102539
127437	137534	AW538033	null	null	null
36364	54725	AW538070	TC200390	APEX nuclease precursor	Mm.203
67702	81653	AW538125	TC188049	Dcra	Mm.7472
16688	19842	null	null	null	null
29408	36022	AW538041	TC163766	null	Mm.103522
31544	30401	AW538080	TC162898	null	Mm.23880
11494	10037	null	null	null	null
9827	11169	AW538976	TC173105	null	Mm.63
32525	47257	AW539204	TC201102	null	Mm.30036
0	0	AW539252	null	null	Mm.18494
7142	8620	AW539319	null	null	null
10411	5382	AW539091	TC213521	null	Mm.102573
26178	42795	AW539217	null	null	null
106246	126476	AW539262	TC203596	null	Mm.3764
577923	517487	AW539333	TC176480	2-5A synthetase (AA 1-367)	Mm.14301
46999	39748	AW542895	TC187768	epithelial zinc-finger EZF	Mm.4325
84470	171152	AW542954	TC202543	null	Mm.38736
118997	89821	AW543376	TC160894	unnamed protein product	Mm.27764
11256	15773	null	null	null	null

0	0	AW542912	TC176719	null	Mm.46029
10824	11898	AW543060	TC204478	null	Mm.40817
25241	26973	AW543393	TC184096	null	Mm.102716
12465	15216	AW543461	null	null	null
28749	33785	AW538183	TC160102	null	Mm.30019
16450	22291	AW538222	TC160625	null	Mm.29390
0	0	AW538298	null	null	Mm.28508
48527	233365	AW538349	TC173505	lipocortin I (AA 1-346)	Mm.14860
741974	642933	AW538191	null	null	null
54079	48991	null	null	null	null
242004	216884	AW538312	TC200316	H2-IE-beta precursor	Mm.22564
106922	69927	AW538366	TC160612	null	Mm.29034
0	0	AW539366	TC205889	null	Mm.29850
0	0	AW539431	TC162135	null	Mm.38503
127263	169352	AW539491	null	null	Mm.102596
53897	71018	AW539545	TC201262	null	Mm.21500
95252	99472	AW539380	null	null	null
28222	33088	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
4978	6084	AW539505	TC187898	null	Mm.5202
24667	44909	AW539558	TC202404	null	Mm.15643
154597	204667	AW543515	TC160376	null	Mm.24874
0	0	AW543664	TC191228	null	Mm.20201
59276	48404	AW543727	TC201506	mitogen-activated protein kina	Mm.22612
72087	105237	AW543791	TC160023	null	Mm.80562
44360	48083	AW543529	TC201065	secretory carrier membrane pro	Mm.3230
48376	37414	AW543677	TC176821	null	Mm.34461
230017	349695	AW543750	TC160186	null	Mm.27190
45461	16563	AW543817	TC203572	BLM protein	Mm.12932
22203	19397	AW537981	TC189655	G gamma protein	Mm.102540
297964	255464	AW538035	TC160236	G protein beta 36 subunit	Mm.2344
22377	23957	AW538072	TC158344	null	Mm.86915
39825	53002	AW538128	TC161738	connexin 31	Mm.28078
29982	25027	AW537996	TC175227	neutral Sphingomyelinase	Mm.953
110229	111598	AW538044	null	null	Mm.102542
331478	284885	AW538082	TC187411	null	Mm.39726
0	0	AW538140	null	null	Mm.102545
40997	55227	AW538981	null	null	null
79423	66638	AW539206	TC174608	null	Mm.17231
2218388	2361092	AW539253	null	null	null
2118145	1956312	AW539320	null	null	Mm.30271
38362	30291	AW539092	TC174273	null	Mm.25320
41305	59507	AW539270	TC161559	null	Mm.43167
32456	61832	AW539335	TC162843	null	Mm.28795
15327	16100	AW542898	TC162317	null	Mm.17166
14528	14715	AW543044	null	null	Mm.25161
32732	34303	AW543380	TC174234	null	Mm.28876
37651	39397	AW543445	TC175970	serine proteinase inhibitor 6	Mm.3368
6704	8676	null	null	null	null
65212	86459	AW543063	TC160231	null	Mm.34315
100200	118612	AW543394	TC173625	axotrophin	Mm.18157
59664	69718	AW543465	null	null	Mm.102718

0	0	AW538185	TC157364	null	Mm.22367
12265	14312	AW538227	TC157845	null	Mm.41801
0	0	AW538299	TC201240	CDC6 protein	Mm.20912
22038	18847	AW538350	null	null	null
974125	861638	AW538193	TC162710	null	Mm.86786
148295	240028	AW538249	TC188075	null	Mm.28645
54507	92620	AW538315	TC174250	eIF-1A	Mm.1540
116619	155622	AW538368	TC158650	null	Mm.5274
295247	549442	AW539367	TC159689	ribosomal protein L23	Mm.16820
8323	11152	AW539434	TC162701	null	Mm.21884
24501	24092	null	null	null	null
73864	68881	AW539546	TC189832	null	Mm.24886
0	0	AW539381	null	null	Mm.102591
15165	16001	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
8383	13682	AW539506	TC175366	null	Mm.29734
303713	269573	AW539563	TC200173	null	Mm.29702
7525	5941	AW543518	TC157274	null	Mm.24140
74088	72378	AW543668	TC200372	integral membrane protein 1	Mm.2863
12376	14259	AW543738	TC188639	null	Mm.27952
16715	22188	AW543798	TC201879	null	Mm.37562
249768	260932	AW543608	TC173413	sid478p	Mm.1017
31115	51505	AW543678	TC200412	NIX	Mm.29820
9008	12681	AW543751	TC162361	null	Mm.41751
40777	48467	AW543818	TC175475	null	Mm.24159
36654	37367	AW537989	TC178069	null	Mm.102541
13071	15025	AW538036	TC174801	Efs	Mm.28543
47813	73602	AW538073	null	null	null
18065	26011	AW538132	TC188623	null	Mm.21824
226374	424543	AW538002	TC173071	unidentified reading frame	Mm.12858
169071	159409	AW538046	TC160465	P100 polymyositis-scleroderma	Mm.28159
189581	187965	AW538084	TC160291	null	Mm.25018
24122	44151	AW538141	TC162776	null	Mm.9916
172869	147264	AW538984	null	null	null
34983	46922	AW539211	TC187885	null	Mm.34818
785227	1438675	AW539255	TC159992	FAF1	Mm.3722
57959	59668	AW539323	TC161149	null	Mm.22109
0	0	AW539093	TC158924	null	Mm.26217
120876	124777	AW539220	TC199900	null	Mm.45118
171307	205954	AW539271	TC175899	null	Mm.26690
23094	19234	AW539338	TC201380	C1 transcription factor	Mm.29375
132313	123884	AW542901	TC160010	null	Mm.24187
70555	71936	null	null	null	null
36644	32175	AW543386	TC162794	null	Mm.31267
7720	16643	AW543447	null	null	null
228299	239661	AW542916	TC160149	null	Mm.28464
109078	113828	AW543080	TC162332	null	Mm.30116
433047	559673	AW543395	TC159412	heterogenous nuclear ribonucle	Mm.16767
36959	37886	AW543466	TC173618	null	Mm.19015
15912	15572	AW538187	TC173766	null	Mm.30272
205372	241951	AW538230	null	null	null
116288	186124	AW538303	null	null	null

57793	56708	AW538352	TC173727	null	Mm.41374
67092	97102	AW538196	TC200882	null	Mm.21287
75120	61283	AW538251	TC200772	null	Mm.22485
135009	123187	AW538316	TC161367	mitochondrial dicarboxylate ca	Mm.3991
78589	117566	AW538369	TC174575	lamin B	Mm.4846
14962	12078	AW539369	null	null	null
2810	5196	AW539436	TC160971	null	Mm.36715
26954	31958	AW539494	TC200070	null	Mm.17362
35442	54025	AW539549	TC187569	null	Mm.36725
7525	12491	AW539385	TC203166	nemo-like kinase	Mm.9001
0	0	AW539449	TC200828	RS21-C6	Mm.29898
0	0	AW539510	TC200280	dystroglycan	Mm.7524
0	0	AW539567	TC187263	null	Mm.12831
19099	23234	AW543519	null	null	null
10678	9706	AW543669	null	null	null
7731	6756	AW543740	TC187693	translocase of inner mitochond	Mm.34791
12795	5766	AW543802	TC204790	DNase gamma	Mm.10287
36567	41735	AW543613	null	null	null
297631	431821	AW543679	null	null	null
38902	36330	AW543752	TC188096	null	Mm.22281
52023	82461	AW543820	TC199983	null	Mm.43452
42716	40142	AW537991	TC175446	null	Mm.25621
405384	493652	AW538038	TC200580	damage-specific DNA binding pr	Mm.29623
115362	187594	AW538074	TC186973	null	Mm.76081
190589	172777	AW538133	TC160975	null	Mm.29118
256692	470165	AW538002	TC173071	unidentified reading frame	Mm.12858
197052	182510	AW538048	TC187010	RING zinc finger protein	Mm.9326
23251	23445	null	null	null	null
79509	84840	AW538144	TC200443	Hrs binding Protein	Mm.32614
368764	361754	AW538990	null	null	Mm.102572
41363	53865	AW539212	TC203749	null	Mm.86820
102590	141546	AW539326	null	null	Mm.102588
16778	19454	AW539099	TC202503	null	Mm.28816
27551	28048	null	null	null	null
77225	91319	AW539272	TC162119	null	Mm.27908
200548	395398	AW539342	TC200834	hepatoma transmembrane kinase	Mm.4005
122241	145133	AW542903	TC186903	inositol polyphosphate 5-phosp	Mm.30030
36611	25366	AW543050	TC175339	null	Mm.20697
46428	48963	AW543387	TC189722	AP-3 complex sigma3B subunit	Mm.2564
64324	74151	AW543448	null	null	null
11430	21841	AW542918	null	null	Mm.3317
12279	25374	AW543081	TC175766	null	Mm.25309
83241	96565	AW543396	null	null	null
25240	32146	AW543467	TC174324	UbcM4 interacting protein 48;	Mm.27934
21736	29036	AW538188	TC175341	cyclin E	Mm.16110
127620	127735	AW538235	null	null	null
99963	83246	AW538307	TC200063	null	Mm.25074
19868	18120	AW538357	TC173870	transcription factor Sp3	Mm.28513
15628	17607	AW538198	TC202870	osteoclast-specific 116-kDa V-	Mm.19185
50157	48852	AW538262	TC161641	null	Mm.28924
75953	61438	AW538318	null	null	null

0	0	AW538374	TC189687	null	Mm.28596
110654	65913	AW539371	TC186409	null	Mm.43822
0	0	AW539437	null	null	Mm.89137
0	0	AW539497	TC164012	null	Mm.6636
41374	59053	AW539554	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
22010	27322	AW539386	TC160985	null	Mm.28870
0	0	AW539450	TC190240	null	Mm.19892
0	0	AW539511	TC174168	tyrosine kinase	Mm.21974
0	0	AW539579	null	null	Mm.102600
8235	12388	AW543520	null	null	null
27752	25112	AW543670	null	null	Mm.102723
13727	15372	AW543743	TC163177	null	Mm.44179
9399	7990	AW543803	null	null	null
0	0	AW543618	TC192154	null	Mm.23468
48956	67043	AW543680	TC173232	Mac-2 antigen (AA 1-264)	Mm.2970
0	0	AW543755	null	null	null
29415	37506	AW543822	TC188865	transcription factor Sp1	Mm.4618
88629	203831	AW537992	TC173063	null	Mm.30142
17460	24867	AW538039	TC189817	null	Mm.5434
38101	62745	AW538075	TC161438	fibrillarlin	Mm.4595
32647	39424	AW538135	null	null	null
169672	329992	AW538002	TC173071	unidentified reading frame	Mm.12858
41407	54500	AW538050	TC170794	null	null
41444	47694	AW538087	TC188461	null	Mm.36699
20876	24066	null	null	null	null
58489	80388	AW538992	TC201088	26S proteasome, non-ATPase sub	Mm.27933
2022550	1411793	AW539213	TC177303	null	Mm.6053
78642	121556	AW539257	TC186814	null	Mm.24948
460133	834566	AW539329	TC206785	null	Mm.102589
42034	41157	AW539100	TC162400	null	Mm.28253
0	0	AW539221	null	null	null
53033	65558	AW539280	TC160409	null	Mm.44202
255579	400728	AW539343	null	null	null
5608	7618	AW542904	TC202630	null	Mm.29836
121718	78741	AW543056	TC200258	null	Mm.30147
214059	175951	AW543389	null	null	Mm.12909
0	0	AW543454	TC207019	null	Mm.31457
30729	44521	AW542919	TC201902	null	Mm.27544
34137	48570	AW543087	TC201393	null	Mm.28773
6526	6968	null	null	null	null
85991	69628	AW543469	TC189084	null	Mm.19126
54922	54354	AW538189	TC200280	dystroglycan	Mm.7524
87061	85956	AW538240	TC174356	null	Mm.26537
231587	191550	AW538310	TC162910	null	Mm.46741
81571	83372	AW538359	TC158805	ribosomal protein S2	Mm.1129
79633	75547	AW538199	TC191450	null	Mm.6215
0	0	AW538264	null	null	null
159953	149023	AW538325	TC176228	null	Mm.41160
342225	337653	AW538376	TC162441	null	Mm.41786
0	0	AW539376	TC206951	null	Mm.54737
0	0	AW539443	null	null	null

0	0	AW539499	TC159184	null	Mm.52356
0	0	AW539555	TC162893	precursor NEFA protein	Mm.9901
0	0	AW539387	null	null	null
0	0	AW539452	TC180450	null	Mm.102593
0	0	AW539512	TC201922	null	Mm.30122
0	0	null	null	null	null
0	0	AW543524	TC174426	adenylosuccinate synthetase	Mm.6317
10194	16576	AW543672	null	null	Mm.27246
0	0	AW543745	TC187501	eIF3-p44	Mm.30080
0	0	AW543811	TC161123	null	Mm.28742
0	0	AW543620	TC175307	null	Mm.27878
0	0	AW543682	TC175092	putative gap junction protein	Mm.7604
13821	8489	AW543756	null	null	null
30648	38937	AW543824	TC166711	null	Mm.31213
88142	92841	AW537993	TC161251	null	Mm.28171
20533	19113	AW538040	TC202064	cysteine-rich repeat-contains	Mm.19271
0	0	AW538077	null	null	Mm.102544
71983	85099	AW538136	TC175134	putative chloride channel prot	Mm.22727
0	0	AW538007	null	null	null
25026	36651	AW538051	TC188015	null	Mm.12441
1936894	1646444	null	null	null	null
36594	46315	AW538151	null	null	Mm.102546
43377	59787	AW539080	TC200097	null	Mm.622
361292	414763	AW539214	TC163108	null	Mm.19223
0	0	AW539258	TC174876	cyclin C protein	Mm.32383
80898	97083	AW539331	null	null	Mm.297
41419	45083	AW539101	TC190543	null	Mm.44865
42407	43590	AW539224	null	null	null
19900	20886	AW539286	TC174079	null	Mm.5875
239351	222498	AW539344	null	null	null
109271	132930	AW542909	TC159918	null	Mm.2756
0	0	AW543058	TC203802	null	Mm.18130
21789	24593	AW543390	TC174739	null	Mm.21353
0	0	AW543456	TC160583	decidual PRL-related protein	Mm.35840
0	0	AW542924	TC157823	null	Mm.35105
11731	14383	AW543088	null	null	null
19051	20705	AW543400	TC161936	null	Mm.41690
77257	78784	AW543475	TC158924	null	Mm.26217
296576	225011	AW538190	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
32360	28888	AW538243	TC184112	null	null
19945	22018	AW538311	TC161789	placental PRL-like protein E	Mm.87973
744634	1050070	AW538365	null	null	null
112619	131016	AW538200	TC159096	null	Mm.28095
910067	708607	AW538269	null	null	null
35778	36867	AW538326	TC204890	null	Mm.50596
9308	10165	AW538378	TC162042	null	Mm.24591
503106	638694	AW539377	null	null	null
0	0	AW539445	TC201670	cupidin	Mm.228
0	0	AW539501	TC197662	null	Mm.102597
0	0	AW539556	TC201896	null	Mm.28333
6339	5558	AW539389	null	null	Mm.102592

0	0	AW539454	null	null	Mm.102594
0	0	AW539513	TC173976	RING1B protein	Mm.31512
0	0	AW539581	TC159076	null	Mm.46687
61868	75819	AW543528	TC176957	null	Mm.103500
124761	94673	AW543673	TC187202	null	Mm.29828
69097	81617	AW543748	TC159059	myosin I beta	Mm.25194
237358	248133	AW543815	null	null	null
29478	48056	AW543621	TC188008	mORC2L	Mm.3411
284066	649644	AW543683	TC159415	nucleolin	Mm.4907
17252	17222	AW543759	TC211349	null	Mm.102726
151513	153912	AW543826	TC186547	GTP-binding protein	Mm.21905
125143	73633	AW544502	TC159523	sodium/potassium ATPase beta	Mm.4550
452970	465029	AW544560	TC159796	calmodulin	Mm.2648
9154	11901	AW544641	TC175742	null	Mm.45169
17456	23030	AW544709	TC202161	null	Mm.86867
93218	71246	AW544515	TC173114	ARL-6 interacting protein-1	Mm.29924
144143	224090	AW544577	TC202257	null	Mm.40295
27942	22668	AW544661	TC203337	LOK	Mm.8235
0	0	AW544728	TC187577	alkaline phosphatase	Mm.1265
205452	167613	AW545825	null	null	null
79474	76138	AW536076	null	null	null
0	0	AW536120	TC188544	null	Mm.44082
0	0	AW545836	TC161930	null	Mm.22385
29591	27289	AW536086	TC189452	null	Mm.30190
0	0	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
12319	22364	AW536751	TC160711	pLK	Mm.16525
119812	160350	AW536795	TC160086	protein kinase	Mm.1761
41245	56620	null	null	null	null
156667	248403	AW536875	TC159785	null	Mm.2050
7451	11139	AW536758	null	null	null
72981	112626	AW536805	TC186487	non-histone chromosomal high-m	Mm.16421
6173	6189	AW536836	TC161653	MAP Kinase Kinase	Mm.14487
204075	301518	AW536875	TC159785	null	Mm.2050
194966	177043	AW544782	null	null	null
0	0	AW544837	TC197625	null	Mm.102647
68588	65485	null	null	null	null
14914	20224	AW544956	TC164851	null	Mm.102774
225426	414618	AW544801	TC186566	DN38	Mm.3797
918782	1508546	AW544848	null	null	null
26215	26346	AW544905	TC159156	null	Mm.104563
79682	81243	AW544990	TC157694	GDP-dissociation inhibitor	Mm.28084
161303	192774	AW536180	null	null	null
333937	404001	AW536207	TC186465	null	Mm.21840
112696	133428	AW536255	TC190885	null	Mm.23847
25815	30636	AW536290	TC187882	null	Mm.41541
21118	28678	AW536185	TC158317	null	Mm.3862
53795	57204	AW536215	TC160503	extending	Mm.4540
177453	145963	AW536264	TC160855	fumarase	Mm.41502
40040	45635	AW536302	TC187688	null	Mm.28875
18940	21071	AW536912	TC164421	null	Mm.44429
94051	116161	AW536970	TC190604	null	Mm.45065

42480	51087	AW537012	TC161199	null	Mm.3779
418302	672316	AW537056	TC189977	octamer-binding protein 4	Mm.17031
36436	72059	AW536927	TC201579	null	Mm.30666
68940	89137	AW536978	TC204719	null	Mm.102025
7479	10525	AW537023	TC204631	null	Mm.63694
43834	57550	AW537069	TC174159	null	Mm.34763
0	0	AW544503	TC179118	null	null
9592	13149	AW544562	TC167189	null	Mm.80879
56013	55508	AW544651	TC174390	null	Mm.13705
156979	173060	AW544713	TC158869	null	Mm.186
52769	63492	AW544517	TC188279	null	Mm.28711
84730	110053	AW544580	TC157624	null	Mm.28339
225792	267098	AW544666	TC187463	null	Mm.21556
15409	23459	AW544730	TC202479	null	Mm.40762
0	0	AW545826	null	null	null
38705	34471	AW536078	TC188580	null	Mm.24025
19372	26805	AW536126	TC190228	phosphatidylinositol 4-phospha	Mm.3191
41456	80208	AW545839	TC186566	DN38	Mm.3797
49184	34864	AW536087	TC202294	null	Mm.30130
59801	82341	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
0	0	AW536752	TC174893	null	Mm.62046
69196	95039	AW536798	TC186841	null	Mm.24703
88756	118258	AW536828	TC173705	null	Mm.28693
54298	81429	AW536867	TC201734	null	Mm.34105
0	0	AW536762	null	null	Mm.102512
21214	24842	AW536806	TC200343	null	Mm.18583
17935	16745	AW536837	null	null	Mm.45683
279313	347521	AW536880	TC186557	null	Mm.29057
105958	156981	AW544786	null	null	null
68991	60170	AW544840	TC175773	null	Mm.103542
70838	81528	AW544885	TC175155	null	Mm.28103
18575	22603	null	null	null	null
759123	892028	AW544803	TC159729	ferritin light chain	Mm.7500
90237	67115	AW544850	TC159102	null	Mm.21596
33210	34964	AW544907	null	null	Mm.4735
79004	129612	AW544992	TC201140	null	Mm.38832
247387	258810	AW536182	null	null	Mm.28375
264138	290808	AW536207	TC186465	null	Mm.21840
511858	326882	null	null	null	null
26609	32804	AW536294	TC160930	null	Mm.25231
398499	748723	AW536186	TC186375	PO protein	Mm.5286
214951	336821	AW536216	TC159528	alpha-tubulin	Mm.4591
33864	37959	AW536265	TC202378	PKR-associating protein RAX	Mm.82561
9361	13287	null	null	null	null
17719	22414	AW536914	null	null	Mm.102515
570210	1099079	AW536971	TC159524	ribosomal protein L5	Mm.4419
82310	141971	AW537013	TC173911	BAF57	Mm.27330
32165	53671	AW537059	TC175293	null	Mm.34493
3656	5331	AW536929	TC163813	null	Mm.103496
0	0	null	null	null	null
0	0	AW537024	TC174327	null	Mm.41438

191645	245571	AW537070	TC186914	null	Mm.25994
49350	65902	AW544505	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
29491	44068	null	null	null	null
22555	22938	AW544652	TC161551	null	Mm.23173
95514	95083	AW544719	TC189808	null	Mm.40284
24324	24903	AW544518	TC205026	null	Mm.46191
148167	151449	AW544588	TC173533	protein kinase C inhibitor	Mm.425
51759	61586	AW544671	null	null	Mm.30132
35398	36765	AW544732	TC186958	null	Mm.101782
795203	675816	AW545830	null	null	null
0	0	AW536081	null	null	null
47443	68605	AW536127	TC201639	null	Mm.5274
52272	62585	AW536144	TC173599	null	Mm.6118
6461	4506	AW536090	TC204566	null	Mm.100638
89310	53974	AW536138	TC186643	glucosamine-6-phosphate deamin	Mm.5736
147719	152603	AW536161	TC159729	ferritin light chain	Mm.7500
48394	42830	AW536753	TC187851	null	Mm.31778
51798	71047	AW536799	TC189383	null	Mm.34139
50450	57678	AW536832	TC188227	null	Mm.22669
69793	65393	AW536870	TC158375	null	Mm.21716
6532	10915	AW536765	TC189237	reticulocalbin	Mm.4876
20633	93804	AW536807	TC186498	F52	Mm.2769
181086	168362	AW536838	TC187278	magnesium dependent protein ph	Mm.3766
48255	64870	AW536884	TC191322	null	Mm.18737
0	0	AW544787	TC162696	Ext1	Mm.1424
144243	152990	AW544842	TC163549	null	Mm.33803
52290	47770	AW544886	TC190362	null	Mm.57269
22508	22174	AW544981	TC191469	null	Mm.3369
66435	79626	AW544804	TC188341	null	Mm.28232
16525	15167	AW544851	null	null	Mm.102602
10295	13758	AW544910	TC157205	null	Mm.43005
0	0	AW544994	TC157242	Kiz-1	Mm.15409
67438	77242	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
0	0	AW536208	TC174250	eIF-1A	Mm.1540
160150	167405	AW536256	TC200305	partial homology to cytochrome	Mm.30072
46787	44060	AW536295	null	null	null
511402	949541	AW536186	TC186375	PO protein	Mm.5286
86767	92430	AW536218	TC160157	Wdr1 protein	Mm.2654
215274	129881	AW536267	null	null	Mm.102498
74979	87086	AW536303	TC199927	null	Mm.31435
453777	328406	AW536916	TC173148	adenine nucleotide translocase	Mm.658
0	0	AW536971	TC159524	ribosomal protein L5	Mm.4419
32552	128658	AW537016	TC159637	cathepsin L	Mm.930
32142	42599	AW537061	TC175265	null	Mm.46507
161517	233186	AW536931	TC174558	null	Mm.219
12851	17528	AW536981	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308
6748	7014	AW537025	TC174864	null	Mm.21470
20155	29047	AW537071	TC203174	null	Mm.11660
146960	86205	AW544506	TC160708	4-trimethylaminobutyraldehyde	Mm.29803
158394	149599	AW544567	TC180464	null	Mm.102679
13371	21468	AW544654	TC189768	null	Mm.86399

82323	84071	AW544721	TC188717	null	Mm.41936
57639	66818	AW544521	TC200469	microtubule-associated protein	Mm.12625
73601	87803	AW544589	TC160282	APC-binding protein EB1 homolo	Mm.18418
14647	14514	AW544672	null	null	null
21966	33495	AW544734	TC203924	null	Mm.103426
20443	11772	null	null	null	null
18937	19420	AW536083	TC175032	null	Mm.41029
0	0	AW536132	TC201916	null	Mm.24054
25118	37858	AW536149	TC160259	ATRX protein	Mm.10141
36754	29056	AW536092	TC160595	null	Mm.28597
124045	116287	AW536140	TC158172	heat shock-like protein	Mm.1843
170010	181270	AW536161	TC159729	ferritin light chain	Mm.7500
173532	198482	AW536755	TC173767	null	Mm.30069
55035	61043	AW536801	TC174946	null	Mm.21735
32015	46519	AW536833	TC162156	null	Mm.24737
27122	27690	AW536873	TC173275	deoxyribonuclease I	Mm.38470
139161	169889	AW536769	null	null	null
465980	762823	AW536808	TC159762	G protein beta subunit like	Mm.5305
15333	16674	AW536839	TC160657	SKD3	Mm.3990
17570	28724	AW536886	TC160389	null	Mm.29363
35678	27206	AW544792	TC158353	cyclin E2	Mm.61892
0	0	AW544844	TC205976	null	Mm.83637
254322	284816	AW544887	TC158455	null	Mm.22936
102515	117039	AW544982	TC174062	squalene epoxidase	Mm.22663
67348	113776	AW544805	TC173757	SYNCRIP	Mm.27972
0	0	AW544857	TC160307	null	Mm.29051
0	0	AW544913	TC194084	null	Mm.102692
80430	81980	AW544996	TC187493	mannose-6-phosphate-receptor	Mm.1358
581250	324048	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
43674	46715	AW536209	TC203380	null	Mm.31550
0	0	AW536258	TC188538	tripeptidyl-peptidase ii	Mm.28867
10150	20564	AW536297	TC161963	null	Mm.28811
449442	870652	AW536188	TC205998	null	Mm.32430
8281	10229	AW536219	TC161776	null	Mm.40292
17115	13561	AW536269	TC202005	null	Mm.23224
53641	96010	AW536307	TC187301	null	Mm.20315
446157	369188	AW536921	TC200530	null	Mm.27671
148162	164493	AW536971	TC159524	ribosomal protein L5	Mm.4419
27375	34379	AW537016	TC159637	cathepsin L	Mm.930
141674	191257	AW537063	TC178038	null	Mm.2718
23581	27086	AW536933	TC162180	null	Mm.28684
389769	414829	AW536982	TC159684	synapsin Ib	Mm.20936
254144	288504	AW537026	TC159862	RFG	Mm.28261
56961	56924	AW537072	TC187763	cyclophilin C	Mm.4587
130591	135619	AW544507	TC160198	LIM domains containing protein	Mm.10987
14271	17249	null	null	null	null
695387	1195144	AW544655	null	null	Mm.1318
31247	33629	AW544724	TC184101	null	Mm.102758
145067	112465	AW544525	TC201160	UGTrel1	Mm.4593
1103188	1114975	AW544592	null	null	null
135137	146487	AW544673	null	null	null

229459	244750	AW544737	TC158284	vacuolar H(+)-ATPase	Mm.30155
0	0	AW545835	TC160142	Smt3A protein	Mm.24433
49873	50054	AW536084	null	null	null
16048	18443	AW536133	TC166369	null	Mm.100644
38757	44616	AW536151	TC159545	heat shock protein 65	Mm.1777
4728	10035	null	null	null	null
127614	109695	AW536140	TC158172	heat shock-like protein	Mm.1843
120632	129323	AW536161	TC159729	ferritin light chain	Mm.7500
104682	182649	AW536757	null	null	Mm.28805
140919	258778	AW536803	TC158268	thymic shared antigen-1	Mm.788
9481	10734	AW536834	TC205131	null	Mm.103499
0	0	AW536866	TC158589	second largest subunit of RNA	Mm.34589
0	0	AW536770	TC163375	transcription factor TFEb	Mm.2305
137724	140290	AW536809	null	null	null
23131	31640	AW536842	TC201261	fibroblast growth factor induc	Mm.14501
28825	26796	AW536887	TC179008	null	Mm.3055
38540	39196	AW544793	null	null	Mm.102763
138097	165173	AW544846	TC176377	gene trap locus-13	Mm.25164
35375	40464	null	null	null	null
363651	621139	AW544985	TC186397	null	Mm.3381
22952	28703	AW544806	TC190980	null	Mm.25159
0	0	AW544858	TC173781	von Hippel-Lindau binding prot	Mm.8294
105425	109355	AW544915	TC188510	null	Mm.41271
55630	56873	AW545004	null	null	null
25023	34594	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
157025	169311	AW536210	TC203724	null	Mm.29304
14375	15347	AW536259	TC173691	putative CCAAT binding factor	Mm.28845
38248	37610	AW536299	TC200262	null	Mm.29641
50145	76894	AW536189	TC200520	proliferation-associated prote	Mm.4742
0	0	AW536221	TC212909	null	Mm.101633
15835	17409	AW536271	TC200161	null	Mm.1538
0	0	null	null	null	null
291393	307842	AW536922	TC189112	null	Mm.23666
48054	44211	AW536971	TC159524	ribosomal protein L5	Mm.4419
118045	160774	AW537017	TC158920	ornithine decarboxylase, ODC {	Mm.15259
13461	21399	AW537064	TC163928	null	Mm.45759
49099	60212	AW536937	TC188197	MSSP	Mm.27230
51263	46949	AW536982	TC159684	synapsin Ib	Mm.20936
1850212	1921433	AW537028	null	null	null
0	0	AW537074	TC174136	cathepsin H	Mm.2277
27164	28435	AW544513	TC189364	null	Mm.41563
6444	19287	AW544660	TC191497	null	Mm.103353
499895	607471	AW544726	TC186539	14-3-3 zeta protein	Mm.3360
31036	31434	AW544526	null	null	null
4548	4601	AW544597	TC189957	null	Mm.30464
89887	84294	AW544674	TC189077	null	Mm.38390
8667	7248	AW544738	null	null	Mm.34674
32979	38121	AW545835	TC160142	Smt3A protein	Mm.24433
211632	327251	AW536085	null	null	Mm.188
94610	66027	AW536136	TC191575	null	Mm.24247
100606	102169	AW536151	TC159545	heat shock protein 65	Mm.1777

0	0	AW536094	TC204265	DNA binding protein	Mm.3318
209971	132730	AW536140	TC158172	heat shock-like protein	Mm.1843
551416	498232	AW536162	TC159810	lactate dehydrogenase	Mm.26504
520249	880681	AW536757	null	null	Mm.28805
184676	188474	AW536804	null	null	null
96735	78866	AW536835	TC200964	unnamed protein product	Mm.18230
281458	425405	AW536875	TC159785	null	Mm.2050
15948	16303	AW536772	TC163843	null	Mm.40290
139317	136253	AW536810	TC200283	null	Mm.28049
166541	189652	AW536843	TC200088	CCT (chaperonin containing TCP	Mm.6821
30340	34575	AW536892	TC157452	null	Mm.77586
173072	135676	AW544795	TC203183	null	Mm.23065
61520	57350	AW544847	TC187514	null	Mm.29356
40694	90895	AW544893	TC174461	null	Mm.29101
95470	99786	AW544986	TC160964	serine/threonine protein kinas	Mm.4082
10125	13554	AW544808	TC190225	null	Mm.17800
81263	44176	AW544861	TC197636	null	Mm.102765
16572	17389	AW544921	TC189506	null	Mm.4563
0	0	AW545005	TC203792	null	Mm.89821
71696	85450	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
25838	38391	AW536212	TC203235	null	Mm.46788
59088	66207	AW536262	TC175809	null	Mm.45993
24399	25159	AW536301	TC160997	null	Mm.7588
31738	32602	AW536190	null	null	null
9709	17995	AW536222	TC160036	embigin precursor	Mm.89123
62215	94561	AW536271	TC200161	null	Mm.1538
490021	437317	AW536311	null	null	Mm.2944
318418	503906	AW536926	TC160945	null	Mm.28540
169774	172615	AW536972	TC177296	null	Mm.33152
0	0	AW537021	TC163440	rab17	Mm.46396
99576	156713	AW537067	TC187405	null	Mm.6691
4834	9756	AW536942	TC188197	MSSP	Mm.27230
30590	30088	AW536983	TC203916	null	Mm.31972
30049	35332	AW537030	TC162552	null	Mm.41635
43581	55115	null	null	null	null
0	0	AW537551	TC174206	ATP-binding cassette protein	Mm.27135
0	0	AW537615	TC176089	ORC1-related protein	Mm.42024
35560	29534	AW537659	TC200171	null	Mm.972
0	0	AW537752	TC176494	null	Mm.25078
6367	7833	AW537567	TC175108	null	Mm.10153
45594	65507	AW537625	TC160376	null	Mm.24874
0	0	AW537669	TC173550	methyl purine glycosylase	Mm.33019
0	0	AW537767	TC166418	null	Mm.102530
8248	5387	C76863	TC175577	null	Mm.5544
0	0	C76948	null	null	null
24531	23909	C77017	null	null	null
165017	133218	C77096	null	null	null
29806	48875	C76882	null	null	null
158033	165864	C76958	TC168422	null	Mm.24927
0	0	C77044	null	null	null
7495	11094	C77108	TC163468	null	Mm.24937

0	0	C78069	TC188162	null	Mm.27932
11728	11873	C78148	null	null	null
193329	208490	C78257	null	null	Mm.34497
21250	25269	C78336	TC160550	h2-calponin	Mm.21776
36633	51151	C78087	null	null	null
15537	15042	C78172	null	null	null
0	0	C78278	null	null	null
0	0	C78361	TC194121	null	null
49748	89912	AW537799	TC174154	SIK similar protein	Mm.10303
19643	16861	AW537704	TC188859	null	Mm.28898
0	0	C76065	null	null	null
19553	28607	AW537811	TC161652	null	Mm.33425
156161	150155	AW537717	null	null	Mm.102535
0	0	C75994	null	null	null
35032	34787	C76081	TC174185	null	Mm.24488
9692	14249	C77164	null	null	null
32612	32398	C77257	null	null	Mm.5593
52364	68809	C77333	null	null	null
40830	36459	C77414	TC176420	G protein-coupled receptor Rec	Mm.4772
27924	27457	C77183	null	null	null
1132676	1180228	C77281	TC157774	p120	Mm.35738
30511	34640	C77347	null	null	null
27794	23343	C77432	TC160201	null	Mm.21450
16853	26964	C78423	TC163391	null	Mm.44200
14369	14385	C78485	null	null	null
224291	351647	C78555	TC201916	null	Mm.23207
7931	9645	C78625	null	null	null
15356	18134	C78441	null	null	Mm.34945
34664	43193	C78507	TC160881	null	Mm.17009
24821	26328	C78568	null	null	null
19973	16064	C78643	TC206223	null	Mm.34938
22113	29009	AW537558	TC201814	null	Mm.31227
122923	136336	AW537616	TC187397	null	Mm.24036
0	0	AW537661	TC200446	RNA polymerase I associated fa	Mm.26772
9752	15151	AW537756	null	null	Mm.102529
0	0	AW537568	TC174912	null	Mm.27234
42245	49461	AW537632	TC159100	null	Mm.104
11459	12065	AW537670	TC159036	heat shock protein 40	Mm.2982
0	0	AW537768	TC158178	297 aa protein	Mm.890
220317	235324	C76867	TC165243	null	Mm.19311
371357	461591	C76949	TC159894	proteasome subunit C10-II	Mm.21874
45852	60064	C77018	TC200213	ras-GTPase-activating protein	Mm.2411
0	0	C77097	null	null	null
109275	94117	C76884	TC197232	null	Mm.31742
33344	32778	C76960	TC163057	beta-2-andrenergic receptor	Mm.5598
13790	17085	C77049	TC199159	null	null
0	0	C77110	null	null	null
7197	10257	C78075	TC166769	null	Mm.24970
315356	350823	C78150	TC174006	null	Mm.29192
0	0	C78261	null	null	null
13012	17974	C78344	null	null	Mm.35613

34921	36688	C78089	null	null	null
22869	24895	C78173	null	null	Mm.90056
23790	27358	C78280	null	null	null
7729	14600	C78367	TC163353	null	Mm.22747
62060	71781	AW537800	TC200694	null	Mm.28538
129171	176837	AW537705	TC162539	aspartate transcarbamylase	Mm.29394
49524	46229	C75972	TC178640	putative basolateral cTAL chlo	Mm.24882
105038	119187	C76071	TC162321	pc-tp2	Mm.28896
140839	240719	AW537812	TC173217	HMG-17 protein (AA 1 - 90)	Mm.911
133919	165825	AW537724	TC188043	null	Mm.29989
57454	69603	C75999	TC187731	epidermal growth factor recept	Mm.17500
12208	13372	C76092	TC202007	null	Mm.30248
9341	15649	C77168	TC205734	null	Mm.24954
11988	14331	C77258	TC191290	null	Mm.23288
20369	29907	C77338	TC164087	null	Mm.30031
14890	14179	C77420	null	null	null
0	0	C77196	TC164433	null	Mm.24944
4923	8451	C77282	null	null	null
32609	51316	C77352	TC201291	null	Mm.23713
0	0	C77438	null	null	null
61458	64514	C78426	TC161137	null	Mm.21194
13461	11555	C78486	TC189018	null	Mm.28215
0	0	C78560	null	null	null
7282	5559	C78632	null	null	null
0	0	C78444	null	null	Mm.24992
247711	324440	C78511	TC187004	null	Mm.17912
17115	18910	C78571	TC177364	null	Mm.27284
5989	9065	C78651	null	null	Mm.24996
25956	32734	AW537561	TC159707	SPARC (aa 1-302)	Mm.35439
145630	234222	AW537619	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
0	0	AW537662	TC158626	null	Mm.30187
7237	6834	AW537758	TC206411	null	Mm.32554
13560	11134	AW537569	TC187997	phospholipid scramblase 3	Mm.28874
124007	146861	null	null	null	null
43758	74281	AW537671	TC186974	null	Mm.385
21842	39816	AW537769	TC160267	Dhm1 protein	Mm.3065
88332	101948	C76870	TC158475	null	Mm.32746
87485	106269	C76950	null	null	null
16104	18505	C77024	null	null	null
0	0	C77099	TC177623	null	Mm.5572
275624	231573	C76892	null	null	null
243115	364719	C76965	TC202315	NG22	Mm.29004
106291	137073	C77052	TC176671	null	Mm.29450
222951	257890	C77111	TC188637	null	Mm.28059
166825	216752	C78076	TC192902	null	Mm.5675
9571	14960	C78157	null	null	null
14987	18750	C78262	null	null	null
8945	11183	C78346	null	null	null
100117	144478	C78091	TC160175	serine-threonine kinase recept	Mm.22584
14978	14218	C78176	null	null	null
19535	15852	C78283	null	null	null

6144	8119	C78373	null	null	null
47613	55402	AW537801	TC163193	null	Mm.34134
59959	106045	AW537708	TC174896	platelet-derived growth factor	Mm.2924
10836	15070	C75983	null	null	null
0	0	C76073	TC173596	SATB1	Mm.4381
29026	39531	AW537813	TC174021	null	Mm.24209
35014	38039	AW537725	null	null	Mm.102536
30459	29642	C76001	TC178854	null	Mm.31327
0	0	C76094	null	null	null
11876	19779	C77170	TC178145	null	Mm.24942
0	0	C77263	null	null	Mm.24934
0	0	C77341	null	null	Mm.24951
26667	19955	C77425	TC176870	Vanin-1	Mm.27154
99502	97297	C77199	TC189246	null	Mm.28086
0	0	C77289	TC161272	GCN5 histone acetyltransferase	Mm.27559
47391	74385	C77361	TC200756	DNA topoisomerase IIalpha	Mm.4237
0	0	C77448	null	null	null
91329	60516	C78427	TC200408	protein co-factor	Mm.27842
10136	15554	C78494	TC202415	null	Mm.22094
7617	7885	C78563	TC202451	null	Mm.28388
0	0	C78633	null	null	null
204296	224662	C78445	TC158467	null	Mm.4261
20940	19542	C78513	null	null	Mm.37806
1154999	308658	C78577	TC190558	null	Mm.26930
57819	53929	C78653	null	null	null
0	0	AW537563	TC159815	null	Mm.18700
36824	38820	AW537620	TC190007	null	Mm.32527
18814	12661	AW537663	TC162607	null	Mm.29255
14864	13624	AW537759	TC187065	integrin beta-5	Mm.6424
16648	21236	AW537576	TC173215	USF2	Mm.15781
252142	278942	AW537634	null	null	null
13817	20893	AW537674	TC203384	null	Mm.5267
0	0	AW537770	TC199439	null	Mm.102531
26917	34327	C76872	null	null	null
176594	147967	C76954	TC173902	GM2 activator protein	Mm.4140
14122	17052	C77028	TC202835	null	Mm.5727
47686	59429	C77101	null	null	null
16605	25369	C76899	null	null	null
26918	36958	C76966	null	null	Mm.24939
535851	653140	C77053	TC161769	glycolipid transfer protein	Mm.22986
0	0	C77112	null	null	Mm.5574
83255	101637	C78081	null	null	null
35884	36878	C78162	null	null	null
194065	398538	C78264	TC173131	null	Mm.29859
108018	168518	C78347	TC176650	null	Mm.27495
12083	17870	C78093	null	null	null
26101	27591	C78183	TC157970	null	Mm.80592
0	0	C78292	null	null	Mm.24991
739460	814309	C78376	TC196254	null	Mm.37386
0	0	AW537802	TC157968	null	Mm.104092
0	0	AW537712	TC200715	nucleolar protein	Mm.3716

66110	74998	C75984	TC196460	null	Mm.33438
62850	146999	C76076	null	null	Mm.34927
0	0	AW537814	TC177824	Zfp75p	Mm.12916
301866	200726	AW537726	TC159918	null	Mm.2756
0	0	C76002	null	null	Mm.5438
179764	243876	C76098	TC189351	null	Mm.24893
0	0	C77180	TC162254	null	Mm.22213
0	0	C77266	null	null	null
413326	350841	C77342	TC176803	REX-1 protein (put.); putative	Mm.3396
31881	25989	C77427	TC187951	bystin	Mm.27291
55240	51148	C77202	null	null	null
42484	66452	C77290	null	null	null
44982	65915	C77364	TC160843	DNA ligase I	Mm.1013
124598	151408	C77451	null	null	Mm.103684
90754	82565	C78430	TC158412	Cdc25a	Mm.29800
331002	600536	C78502	TC186760	BS4 peptide	Mm.5856
9159	19556	C78564	null	null	null
21797	19749	C78634	TC201593	null	Mm.29529
67507	68851	C78447	TC187674	BING4	Mm.2437
331996	567554	C78515	null	null	null
597852	702847	C78582	TC203675	null	Mm.6772
116600	165701	C78656	TC200869	NADH-ubiquinone oxidoreductase	Mm.14442
19823	25291	AW537564	TC185383	null	Mm.102528
221438	216833	AW537621	TC186711	coat protein gamma-cop	Mm.30183
54780	41339	AW537667	TC160039	nonclathrin coat protein zeta-	Mm.29473
14188	16961	AW537764	TC189587	null	Mm.21201
9620	10790	AW537581	TC199436	null	null
9155	12895	AW537638	TC188407	null	Mm.23021
74313	82978	AW537675	TC187312	putative RNA helicase and RNA	Mm.993
15644	18928	AW537772	TC188464	Ankhnz	Mm.10313
54789	57086	C76876	null	null	null
51082	63488	C76955	null	null	null
30686	40565	C77031	null	null	Mm.16893
16910	17216	C77102	null	null	null
266533	225249	C76904	TC189844	null	Mm.23885
190317	209353	C76969	TC187847	null	Mm.24110
135725	162684	C77054	TC201834	serine/threonine kinase	Mm.5379
9075	10480	C77114	TC187309	null	Mm.1444
14283	14572	C78082	TC164495	null	Mm.80638
24576	32416	C78164	null	null	null
583593	391988	C78265	null	null	Mm.35835
38837	34382	C78353	TC173689	null	Mm.24169
3754	5821	C78094	null	null	null
0	0	C78185	null	null	null
23135	20818	C78293	null	null	null
22939	20426	C78379	null	null	null
123862	114356	AW537805	TC186723	Int-6	Mm.880
18533	20999	AW537713	TC175157	null	Mm.19082
13012	13650	C75987	TC179131	null	Mm.39486
258653	204510	C76077	TC180114	null	Mm.24890
54792	63438	AW537819	TC190557	null	Mm.45349

73279	81716	AW537729	TC187616	null	Mm.29690
277042	242768	C76006	TC174325	mSUG1 protein	Mm.665
372404	371211	C76102	TC192748	null	Mm.5454
170261	227637	C77181	null	null	null
0	0	C77267	null	null	null
47983	69031	C77344	null	null	null
80332	70504	C77430	TC190107	null	Mm.30095
96051	160875	C77211	TC200379	Lsc	Mm.3181
10367	10867	C77291	null	null	Mm.34932
205255	316839	C77368	null	null	null
26457	26864	C77456	null	null	null
56145	88133	C78431	null	null	Mm.103537
952678	1862121	C78503	TC188794	DBF4-related protein	Mm.22430
15122	12976	C78565	TC173239	t-BOP	Mm.89727
0	0	C78640	TC202817	null	Mm.25233
9187	10117	C78451	TC205086	null	Mm.37597
164985	299821	C78516	null	null	null
74685	79138	C78584	TC174233	null	Mm.30241
396465	671208	C78659	null	null	null
74152	50174	AW537566	null	null	Mm.99776
4614	13443	AW537623	TC203207	null	Mm.27857
0	0	AW537668	TC166625	null	Mm.59041
0	0	AW537766	TC189713	null	Mm.27226
8673	7094	AW537582	TC175756	GANP protein	Mm.30098
70910	67829	AW537639	TC164101	null	Mm.102521
0	0	AW537678	TC189171	integrin alpha 5 subunit	Mm.16234
4761	10337	AW537774	TC201145	null	Mm.30965
354062	390221	C76879	TC186717	truncated SON protein	Mm.36553
10864	11117	C76957	null	null	null
29404	34910	C77036	null	null	null
10748	14412	C77104	TC201351	null	Mm.27928
112110	108888	C76907	TC191256	null	Mm.5547
18411	33140	C76972	TC181159	null	Mm.24928
0	0	C77055	null	null	null
40613	55004	C77118	TC173084	null	Mm.24776
185571	271540	C78085	TC157236	RNA helicase	Mm.3880
18990	21133	C78166	null	null	null
29032	27531	C78275	null	null	null
10452	11705	C78354	null	null	Mm.5706
18073	32504	C78108	null	null	null
12338	10738	C78187	TC170092	null	Mm.24985
80459	95118	C78294	TC201352	null	Mm.5702
56761	69433	C78385	TC203931	null	Mm.24950
46913	61151	AW537809	TC159226	bone morphogenetic protein-4	Mm.6813
286897	372182	AW537714	null	null	null
79315	538411	C75991	TC173504	HP1 alpha protein	Mm.28408
0	0	C76080	TC180114	null	Mm.24890
46412	47404	AW537820	TC174210	null	Mm.24131
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0	0	C77431	TC175777	null	Mm.27930
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8888	9556	C77369	TC160887	null	Mm.23975
0	0	C77459	null	null	Mm.35569
81355	83620	C78437	null	null	null
20868	22345	C78505	null	null	null
68304	82456	C78566	null	null	Mm.100465
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33008	36460	C78452	null	null	null
9832	14141	C78519	null	null	null
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7115	8971	C79210	null	null	Mm.36520
3462	6546	C79287	null	null	null
4315	6090	C79365	null	null	null
7407	12858	C79457	TC161141	null	Mm.14992
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173797	85781	C80512	TC161534	creatine kinase isoenzyme, ubi	Mm.970
0	0	C80603	null	null	null
28381	28314	C80688	TC186640	null	Mm.2875
50810	74128	C80432	TC188538	tripeptidyl-peptidase ii	Mm.28867
0	0	C80532	null	null	Mm.16794
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0	0	C85358	null	null	null
33399	30430	C85448	TC177801	null	Mm.21179
4103	6411	C85525	null	null	Mm.25386
78904	100841	C85314	TC157675	spindlin	Mm.42193
37739	32575	C85373	TC175302	null	Mm.22363
0	0	C85469	TC188446	RP42	Mm.30127
0	0	C85542	null	null	null
4229	3991	C79518	null	null	Mm.36431
0	0	C79582	null	null	null
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14173	17907	C79712	TC188182	null	Mm.24875
122427	143471	C79533	null	null	null
0	0	C79595	null	null	Mm.2032
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32346	33334	C85600	null	null	null
21095	21094	C85711	TC174380	null	Mm.28260
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0	0	C85851	TC204407	unnamed protein product	Mm.100980
0	0	C85642	null	null	null
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30566	32897	C85793	null	null	null
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9113	11925	C79192	null	null	null
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0	0	C79347	TC199147	null	Mm.5822
10216	11175	C79446	null	null	null
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40361	55070	C79373	TC186996	null	Mm.29617
0	0	C79461	null	null	null
0	0	C80410	null	null	Mm.42447
0	0	C80516	null	null	Mm.16773
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0	0	C80697	TC178565	null	Mm.31079
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229007	131750	C80636	TC176355	null	Mm.28844
13391	14760	C80719	null	null	Mm.25085
834960	496348	C85298	TC162478	null	Mm.25377
8998	11130	C85359	TC162396	exonuclease 1 homologue	Mm.34988
6334	9585	C85450	TC187247	SH2 domain-containing Eph rece	Mm.9593
47169	51167	C85526	TC189157	CRIB-containing BORG3 protein	Mm.34268
20807	14563	C85316	TC183628	null	Mm.7726
22533	23033	C85377	null	null	null
1105017	999543	C85471	null	null	Mm.30050
15304	15151	C85543	TC160891	PC3B protein	Mm.903
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0	0	C79583	null	null	Mm.31128
52407	56829	C79650	TC173337	null	Mm.22533
17504	19840	C79714	TC158309	dbpA murine homologue	Mm.29794
0	0	C79534	TC176668	null	Mm.6626
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9270	8696	C79673	TC200827	null	Mm.29670
0	0	C79732	TC191159	null	Mm.24078
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10847	11097	C80997	TC180626	null	null
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7609	14075	C80919	null	null	Mm.38540
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0	0	C81118	null	null	null
68022	43428	C85601	null	null	null
24053	25590	C85715	TC175191	hypothetical protein COX4AL	Mm.22072
14109	19760	C85782	TC174202	outer arm dynein light chain 4	Mm.7756
0	0	C85853	TC162648	null	Mm.29625
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43370	59650	C79213	TC174958	null	Mm.44081
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4872	5761	C79374	TC200616	C8	Mm.22228
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32943	36186	C80521	TC164008	null	Mm.21815
41015	40934	C80612	TC190918	null	Mm.14864
13567	18992	C80702	null	null	null
7509	12208	C80435	null	null	null
16608	21056	C80546	TC179495	null	null
15183	19417	C80638	TC178793	null	Mm.25081
17993	26711	C80722	null	null	null
3992	5562	C85300	null	null	null
73548	65942	C85360	TC200641	null	Mm.21712
156894	134537	C85456	TC200876	KIP	Mm.30217
112500	142756	C85531	TC158166	TBX1 protein	Mm.21119
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28880	31507	C85544	null	null	null
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0	0	C79657	null	null	null
60788	64766	C79718	TC200570	IQ motif containing GTPase act	Mm.22343
8036	4907	C79535	TC189499	null	Mm.38405
21621	141402	C79602	null	null	Mm.298
0	0	C79675	null	null	Mm.37807
2615	3155	C79734	TC189495	null	Mm.5833
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5214	6506	C80902	TC203369	null	Mm.26532
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0	0	C81096	null	null	null
0	0	C80831	null	null	null
17708	18630	C80922	TC203781	null	Mm.23429
61316	48911	C81017	TC187717	C3F	Mm.3634
0	0	C81120	TC164706	null	Mm.101096
4074	3721	C85607	null	null	Mm.25449
11785	12797	C85717	TC198216	null	Mm.9606
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13063	19632	C85855	TC200823	null	Mm.29680
93006	64520	C85652	null	null	Mm.43229
36887	50437	C85732	TC173815	null	Mm.4024
16110	11662	C85795	TC177375	null	Mm.78699
0	0	C85879	null	null	null
112559	181353	C79202	TC160175	serine-threonine kinase recept	Mm.22584
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22062	19975	C79361	TC157324	null	null
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9526	13060	C80425	null	null	Mm.103695
47869	71465	C80528	TC188497	unnamed protein product	Mm.24770
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20609	27010	C80706	TC157758	null	Mm.25608
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9386	6964	C80726	null	null	null
21260	16477	C85301	TC175755	null	Mm.29332
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39107	43728	C85459	TC194097	null	null
7554	7160	C85535	null	null	null
0	0	C85319	null	null	null
0	0	C85395	null	null	null
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32301	41203	C79589	null	null	null
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21765	25452	C79537	null	null	Mm.25039
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34449	33774	C79737	null	null	null
11729	7359	C80812	TC160957	null	Mm.28551
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2965	4749	C81001	null	null	null
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9340	10251	C80924	TC191040	null	Mm.44063
17125	20943	C81027	TC173592	null	Mm.24265
11861	12196	C81124	null	null	Mm.1777
34076	31738	C85629	null	null	null
224620	229745	C85722	null	null	null
9085	9032	C85784	TC162442	E-selectin ligand-1	Mm.488
134237	147358	C85856	null	null	Mm.90127
25825	26431	C85661	null	null	Mm.86526
13412	20585	C85734	TC185650	null	Mm.7751

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150952	143356	C85880	null	null	null
20078	25909	C79203	null	null	Mm.9086
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59158	63838	C79363	TC159036	heat shock protein 40	Mm.2982
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32903	38369	C79224	TC160508	null	Mm.28968
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18487	24711	C79468	TC192804	null	Mm.25035
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139070	133429	C80529	TC160188	null	Mm.24452
19427	14588	C80632	TC162511	null	Mm.25080
3938	5312	C80708	TC160031	null	Mm.27766
9258	14920	C80441	TC163890	null	Mm.42368
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9981	10658	C80642	TC176041	null	Mm.30115
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16987	17369	C85305	TC200514	null	Mm.34293
9818	10775	C85370	null	null	Mm.25380
15355	16870	C85461	null	null	Mm.10754
12258	9520	C85537	TC210266	null	null
7877	7408	C85321	TC195009	null	Mm.25379
22915	21655	C85399	null	null	Mm.31280
22152	18685	C85482	TC159041	[Mouse TIS11 primary response	Mm.1298
0	0	C85554	null	null	Mm.1806
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5753	21903	C79663	null	null	Mm.26498
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33593	48591	C79680	null	null	null
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19231	35904	C81033	null	null	Mm.28453
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140521	151975	C85637	TC160990	null	Mm.9854
67208	88064	C85723	TC175946	null	Mm.24734
9847	5706	C85789	null	null	null
8287	5350	C85862	TC189511	null	Mm.28344
4361	6252	C85665	TC163119	PCTAIRE-3 protein kinase	Mm.28130
35072	54151	C85735	TC159976	adenylate kinase isozyme 2	Mm.29460
94195	69309	C85807	null	null	null
20397	21926	C85882	TC174006	null	Mm.29192
0	0	C79206	null	null	null

0	0	C79279	null	null	null
0	0	C79364	null	null	Mm.5824
0	0	C79456	TC168635	null	Mm.25033
13864	20117	C79225	null	null	Mm.25015
31234	29002	C79304	TC160987	H19	Mm.25203
11311	15040	C79382	TC174084	ferrochelatase	Mm.1070
10740	18975	C79472	null	null	null
8289	11819	C80430	TC191538	null	Mm.33976
12309	10449	C80530	null	null	null
11959	11692	C80633	TC173707	null	Mm.21686
5565	7211	C80713	TC191022	null	Mm.32828
5410	6758	C80443	null	null	null
0	0	C80566	TC160769	pleiotropic regulator 1	Mm.7138
0	0	C80648	TC190206	null	Mm.27843
0	0	C80729	null	null	Mm.18962
0	0	C85308	null	null	null
22980	31204	C85372	TC203897	null	Mm.27104
0	0	C85463	null	null	null
4879	7385	C85539	null	null	null
34979	30081	C85326	TC186223	null	Mm.16930
0	0	C85403	null	null	Mm.9587
7320	14167	C85485	TC176701	null	Mm.8581
5834	7354	C85556	TC203123	null	Mm.31282
31061	30413	C79532	TC176668	null	Mm.6626
0	0	C79593	TC176411	null	Mm.28825
60373	70856	C79669	TC202501	putative protein phosphatase t	Mm.28965
0	0	C79729	null	null	null
76133	50323	C79540	TC186778	null	Mm.28853
0	0	C79607	null	null	null
0	0	C79681	null	null	null
0	0	C79740	null	null	null
14836	10918	C80816	null	null	Mm.28391
0	0	C80915	null	null	null
75778	96438	C81009	TC206952	null	null
0	0	C81114	null	null	null
0	0	C80850	null	null	null
0	0	C80936	null	null	Mm.103698
0	0	C81039	TC189373	cytoplasmic linker protein 50	Mm.28288
0	0	C81127	null	null	null
58983	80543	C85640	TC189509	multidrug resistance protein	Mm.6404
18480	22624	C85725	null	null	null
26264	29419	C85791	TC187954	null	Mm.2822
17820	19823	C85866	TC160296	null	Mm.29124
253214	189946	C85666	null	null	null
0	0	C85736	TC185650	null	Mm.7751
14231	23543	C85808	TC202859	spi2 proteinase inhibitor	Mm.15085
3934	4257	C85886	TC203365	null	Mm.18638
24905	34150	C86591	TC162294	SDR2	Mm.18910
14759	10820	C86668	TC202442	null	Mm.34991
0	0	C86767	TC199907	elongation factor 2	Mm.43907
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47620	58447	C86690	null	null	Mm.90076
0	0	C86790	null	null	null
6459	7452	C87767	TC201795	3-beta-hydroxysteroid dehydrog	Mm.16941
0	0	C87851	TC163338	null	Mm.27261
0	0	C87935	null	null	Mm.29807
11771	14250	C88020	TC201527	null	Mm.20693
21235	21464	C87788	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
16589	18303	C87870	TC200405	null	Mm.24174
16755	20441	C87944	null	null	null
0	0	C88035	null	null	null
10224	15060	AU022334	null	null	Mm.11832
0	0	AU022397	null	null	null
0	0	AU022457	null	null	null
25022	28404	AU022504	TC160907	null	Mm.22252
19303	12754	AU022353	null	null	null
94850	75306	AU022414	null	null	null
0	0	AU022466	TC191613	null	Mm.31488
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23745	36256	C87062	TC173411	null	Mm.22044
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0	0	C86942	null	null	Mm.9708
0	0	C87017	null	null	Mm.25460
0	0	C87084	null	null	null
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53083	69569	C88181	null	null	Mm.30266
0	0	C88260	TC162016	xlr3b gene product	Mm.88311
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0	0	C88118	TC164960	null	Mm.26117
0	0	C88193	null	null	null
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0	0	AU022730	null	null	null
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3146	6351	C86771	null	null	null
40178	46127	C86548	TC190323	null	Mm.28268
97983	90100	C86603	TC174209	COP1 protein	Mm.24538
128948	126636	C86692	null	null	Mm.25441
14642	7381	C86799	TC186798	the third largest RNA polymera	Mm.2186

13326	18220	C87771	TC173286	null	Mm.31378
19473	22070	C87853	null	null	null
30942	33762	C87936	TC175598	null	Mm.7775
7293	10891	C88021	null	null	Mm.7867
25258	16731	C87789	null	null	null
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0	0	AU022400	null	null	null
43228	57358	AU022458	TC173917	I3 protein	Mm.2585
22441	27429	AU022508	TC157710	unnamed protein product	Mm.24299
0	0	AU022363	null	null	Mm.11834
41593	33907	AU022418	TC161706	null	Mm.26315
43060	44660	AU022468	TC160327	radixin	Mm.7051
0	0	AU022523	null	null	null
0	0	C86855	null	null	null
0	0	C86933	null	null	Mm.9706
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47175	44732	C87018	null	null	Mm.25461
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14731	20964	C88185	null	null	null
69886	68914	C88262	null	null	Mm.74652
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3207	11133	C86604	TC188142	null	Mm.28502
47928	50282	C86693	TC174679	null	Mm.27611
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62437	52915	AU022471	null	null	Mm.7863
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0	0	C88263	TC177846	null	Mm.24380
0	0	C88350	TC188154	similar to human breakpoint ge	Mm.18154
0	0	C88126	TC201871	null	Mm.24022
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4498	4301	C88298	TC157955	null	null
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19951	26770	AU022698	TC200558	chloride ion current inducer p	Mm.21482
13093	12221	AU022749	null	null	null
0	0	C86532	null	null	Mm.36438
22626	30685	C86598	TC202372	null	Mm.35580
38093	24307	C86683	null	null	Mm.25439
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64820	622234	C86605	null	null	Mm.36778
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33169	39569	C86803	null	null	null
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89488	140087	C88025	null	null	Mm.16421
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0	0	C87010	null	null	null
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346446	315949	AU024393	null	null	null
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31854	46453	AU018788	TC161579	null	Mm.27809
11089	19389	AU018882	null	null	Mm.21262
283456	173470	AU018970	TC160283	ATP-specific succinyl-CoA synt	Mm.19154
26576	25595	AU019036	TC174076	null	Mm.28270
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8764	13144	AU023534	null	null	Mm.26377
11110	15666	AU023588	null	null	null
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36941	34945	AU024512	null	null	null
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11942	14730	AU024659	null	null	null
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55366	45803	AU019316	null	null	Mm.29872
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6839	8388	AU024251	null	null	Mm.26417
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0	0	AU024663	null	null	null
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0	0	AU018909	TC176402	rck	Mm.35848
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43232	52919	AU019257	TC202967	claudin-6	Mm.26162
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17679	14993	AU015039	null	null	null
0	0	AU015117	null	null	Mm.103758
0	0	AU015189	TC163900	D3	Mm.4880
20705	30650	AU014974	TC163646	Tektin-t	Mm.23895
54980	57680	AU015055	TC200570	IQ motif containing GTPase act	Mm.22343
14380	19938	AU015136	null	null	Mm.25895
10057	9532	AU015205	TC173865	null	Mm.23998
48355	46311	AU016214	null	null	null
52013	52801	AU016280	TC161345	null	Mm.41181
102616	120582	AU016356	null	null	null
110611	120859	AU016441	TC175928	null	Mm.46782
282044	334219	AU016230	null	null	Mm.11092
66122	128825	AU016293	TC197142	null	Mm.25973
38766	44942	AU016370	null	null	null
22372	28180	AU016460	TC188117	null	Mm.29900
202981	149566	AU020315	TC160579	null	Mm.22362
217681	264436	AU020406	TC163194	null	Mm.14008
147627	171170	AU020539	TC200807	calcyclin binding protein	Mm.10702
20699	17882	AU020623	null	null	Mm.11643
80131	94856	AU020342	TC161870	null	Mm.26212
376070	515271	AU020424	TC174887	putative basolateral Na-K-2Cl	Mm.4168
56070	58399	AU020561	TC175711	null	Mm.24551
332421	585827	AU020642	TC157595	ribosomal protein S3a	Mm.6957
9260	10985	AU014675	TC157770	neural specific sr protein NSS	Mm.10229

0	0	AU014757	TC175070	null	Mm.44228
22661	28197	AU014808	TC190404	null	Mm.39716
39559	34264	AU014889	TC187102	tumor necrosis factor alpha co	Mm.27681
16320	23029	AU014703	null	null	null
0	0	AU014771	TC203281	null	Mm.26043
0	0	AU014841	TC174973	null	Mm.28071
0	0	AU014902	TC160941	null	Mm.10641
58978	70100	AU015991	null	null	Mm.21771
11969	13791	AU016062	TC201985	null	Mm.27956
227115	173689	AU016137	null	null	Mm.1776
0	0	AU015945	null	null	null
0	0	AU016013	null	null	Mm.37231
0	0	AU016076	null	null	Mm.37821
3079	5857	AU016160	null	null	null
32937	29270	AU020711	TC162885	null	Mm.27580
33711	29229	AU020804	TC188956	null	Mm.29621
39717	35237	AU020882	TC163390	null	Mm.11675
14165	13803	AU020988	null	null	null
21867	20944	AU020738	TC201243	TF-1 cell apoptosis related pr	Mm.28441
36646	37676	AU020830	null	null	null
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0	0	AU020998	TC200368	tissue plasminogen activator p	Mm.21702
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9709	8100	AU015041	TC187126	cyclin-like protein	Mm.22288
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5785	8003	AU015190	TC159009	tropomodulin 3	Mm.38445
0	0	AU014977	TC183496	null	Mm.25887
0	0	AU015061	TC194951	null	Mm.9681
7293	7173	AU015139	TC161794	null	Mm.21936
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15520	20081	AU016219	TC173816	mkf-1	Mm.310
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3586	3772	AU016357	null	null	Mm.25947
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12435	14396	AU016300	TC174341	null	Mm.29804
0	0	AU016377	null	null	Mm.11109
13217	12936	AU016461	TC160140	fertilization antigen-1; FA-1	Mm.29504
3547	4555	AU020316	TC165498	null	Mm.7732
111485	113347	AU020408	TC173385	Supl15h	Mm.29387
31272	42240	AU020544	TC187080	nuclear pore-targeting complex	Mm.16710
10343	9257	AU020627	TC157779	N-ras protein (AA 1-193)	Mm.734
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184022	170301	AU020568	TC164109	null	null
15619	25249	AU020644	null	null	null
9937	10955	AU014677	null	null	null
48757	59527	AU014762	TC187468	Bcl-2-binding protein	Mm.688
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10395	12325	AU014891	TC188622	null	Mm.21568
9868	7376	AU014704	TC205169	null	Mm.21786

31768	31794	AU014772	TC160074	casein kinase I-alpha	Mm.43737
20090	13663	AU014844	null	null	null
47309	39520	AU014908	TC201450	23kDa synaptosomal associated	Mm.30197
22154	24687	AU015931	TC207181	null	Mm.12612
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31504	37725	AU016064	TC189548	left-right dynein	Mm.19726
0	0	AU016144	TC177080	null	Mm.23916
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17495	21073	AU016018	TC160925	null	null
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11845	13510	AU017498	null	null
26207	24085	AU017589	TC202428	null
31705	32119	AU017651	TC159952	vacuolar adenosine triphosphat
6765	10843	AU017433	null	null
37651	41045	AU017517	null	null
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217501	204623	AU040509	TC174724	null
22074	23016	AU040577	TC161977	null
53722	69937	null	null	null
39964	45828	null	null	null
109917	142794	AU040532	TC197129	null
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14050	21757	AU043344	TC189569	null
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32566	30890	AU043702	TC200715	nucleolar protein
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22247	29764	AU043578	null	null
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6585	9625	AU017193	null	null
24832	36330	AU017259	null	null
12084	19960	AU017358	null	null
65006	26680	AU017156	null	null
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11226	19896	AU017373	TC202696	null
7900	8293	AU018261	TC200860	null
15296	11967	AU040155	TC179490	null
5278	6315	AU040245	null	null
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0	0	AU040108	null	null
7405	5334	AU040177	TC202117	Mort1
38189	28229	AU040263	TC188044	membrane-type-5 matrix metallo
0	0	AU040342	null	null
4796	3940	AU041293	TC161290	null
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10791	20386	AU043264	TC163256	null	Mm.24621
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14010	16324	AU043144	TC189393	null	Mm.27455
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52375	70286	AU043277	null	null	null
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24593	30877	AU017598	TC159094	p70 Ku lupus autoantigen	null
26969	28653	AU017652	TC208623	null	Mm.26058
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2015	3417	AU017216	null	null	Mm.11239
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20819	16022	AU040179	TC170268	null	null
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13546	15156	AU043266	null	null	null
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16237	15862	AU043268	TC160594	guanylate kinase	Mm.3624
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18569	17178	AU043292	TC175459	null	Mm.25552
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233737	157694	null	null	null	null
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10115	8897 AU040608	TC177318	null	Mm.4052
142234	125392 AU040400	null	null	null
44720	45178 AU040470	TC161441	null	Mm.3289
55415	74813 AU040541	TC175025	null	Mm.18876
61077	87484 AU040628	null	null	null
29200	36365 AU043374	TC186481	Stat3B	Mm.3948
37090	48241 AU043452	null	null	null
16225	15833 AU043576	null	null	null
6187	10188 AU043733	null	null	null
13230	13129 AU043394	null	null	null
14423	15186 AU043481	TC201568	null	Mm.22538
16291	22001 AU043615	TC176408	null	Mm.18790
29801	47101 AU043784	TC202584	null	Mm.36683
16424	11082 AU044725	null	null	null
78363	82156 AU044835	TC186446	protein phosphatase 1cgamma	Mm.7793
10184	17135 AU044932	null	null	Mm.26882
16719	13650 AU045012	null	null	null
25125	34630 AU044752	TC200412	NIX	Mm.29820
12441	15080 AU044855	null	null	null
0	0 AU044950	null	null	null
4876	8085 AU045044	TC177376	elafin-like protein I	Mm.10859
0	0 AU041583	null	null	Mm.36596
0	0 AU041670	null	null	null
292593	527464 AU041737	null	null	null
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32692	34583 AU041611	TC200732	null	Mm.28426
11975	7710 AU041693	TC176913	null	Mm.19172
41976	69311 AU041754	null	null	null
46011	57191 AU041848	TC179743	null	Mm.17626
0	0 AU042859	TC176162	null	Mm.27110
0	0 AU042938	TC194658	null	Mm.17704
36656	44059 AU043000	null	null	null
50457	33262 AU043075	TC204755	null	Mm.17711
0	0 AU042876	TC175606	cyclin-dependent kinase 5	Mm.4818
13323	19509 AU042952	TC162839	null	Mm.29242
30349	49956 AU043012	TC190377	null	Mm.28640
56158	40406 AU043086	null	null	Mm.90115
0	0 AU045113	null	null	null
65865	73391 AU045238	TC173077	PW29	Mm.100115
57366	65000 AU045350	TC186556	null	Mm.29057
9044	6547 AU045475	TC160702	null	Mm.22314
0	0 AU045159	TC201222	null	Mm.18739
34222	30998 AU045254	TC159940	H-FABP (AA 1-133)	Mm.22220
49655	57410 AU045381	TC160100	null	Mm.27707
0	0 AU045494	null	null	null
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0	0 AU041979	TC166341	null	Mm.38015
12309	18080 null	null	null	null

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0	0	AU041933	null	null	null
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38975	47995	AU042133	TC200544	null	Mm.22024
68178	70465	AW545938	TC158325	SAP18	Mm.35851
20806	24187	AW545987	TC175398	null	Mm.41420
73345	62289	AW546142	TC171354	null	Mm.102804
153632	54893	AW546196	null	null	Mm.89843
167477	116636	AW545953	TC159726	null	Mm.7500
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165705	115020	AW546153	TC188260	null	Mm.21977
0	0	AW546227	null	null	null
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13450	15267	AU044936	TC160594	guanylate kinase	Mm.3624
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11955	19791	AU044951	null	null	null
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9682	19187	AU041740	TC200167	fibromodulin	Mm.41573
29993	30345	AU041614	TC163901	null	Mm.5409
25607	30007	AU041696	null	null	null
71136	57750	AU041756	TC176211	null	Mm.17621
28536	23737	AU041850	TC174189	null	Mm.29750
22312	37470	AU042862	TC175667	KIF3 protein	Mm.4635
0	0	AU042946	null	null	null
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16559	11969	AU042878	TC174382	TBPIP	Mm.18344
12072	17835	AU042956	null	null	null
30319	31141	AU043013	null	null	null
14821	16009	AU043087	null	null	null
13694	20921	AU045116	null	null	Mm.103806
19506	24460	AU045239	TC161013	null	Mm.9348
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117508	151104	AU045477	TC200113	null	Mm.21690
96442	174810	AU045161	TC160372	null	Mm.28866
29651	34852	AU045257	null	null	null
26227	29444	AU045383	TC202458	Dgcr6 protein	Mm.27155
0	0	AU045495	TC164632	null	Mm.24668
6448	8355	AU041901	null	null	null
13551	16803	AU041981	null	null	Mm.17634
17064	31003	AU042047	null	null	null
14356	22422	AU042122	TC174939	SETA	Mm.86432
78209	98358	AU041934	TC174911	null	Mm.27133
24701	32752	AU042001	null	null	Mm.35051
159255	143351	AU042069	TC201243	TF-1 cell apoptosis related pr	Mm.28441

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112402	203950	AW545939	TC199976	ribosomal protein S12 (AA 1 -	Mm.43452
42252	65738	AW545988	TC160498	null	Mm.24106
18609	17762	AW546145	TC203821	null	Mm.103318
88338	74663	AW546201	null	null	null
60911	56474	AW545954	TC191829	null	Mm.89892
71504	82343	AW546071	TC173656	null	Mm.28571
360035	623574	AW546154	TC159569	ribosomal protein L3	Mm.3486
509174	531096	AW546231	null	null	null
32923	51836	AU044738	TC173544	somatic histone binding protei	Mm.7516
0	0	AU044846	null	null	null
28407	27831	AU044938	TC187914	magnesium dependent protein ph	Mm.28918
40397	88904	AU045027	TC162935	null	Mm.28254
9713	13681	AU044759	TC206663	null	Mm.17817
4638	8425	AU044860	TC186400	null	Mm.17872
10136	11014	AU044952	TC204001	null	Mm.26883
0	0	AU045050	TC209912	null	Mm.37398
89591	80451	AU041598	TC158215	MHC class I heavy chain precur	Mm.16771
0	0	AU041678	null	null	null
192460	188318	AU041748	null	null	null
21161	23470	AU041842	null	null	null
40306	54540	AU041615	TC201063	house-keeping protein	Mm.103
31291	26894	AU041699	TC162749	null	Mm.28309
0	0	AU041758	TC163734	null	null
10739	8236	AU041851	TC190671	null	Mm.31215
29858	33962	null	null	null	null
38846	42914	AU042947	TC162299	null	Mm.28995
11751	11922	AU043004	null	null	null
19664	20242	AU043079	null	null	null
18096	15464	AU042879	null	null	Mm.42604
35379	40749	AU042958	TC203564	null	Mm.17706
51442	46641	AU043017	TC173855	null	Mm.29640
5954	4099	AU043096	null	null	null
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9176	13031	AU045163	TC189389	null	Mm.21978
0	0	AU045258	TC175884	null	Mm.981
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0	0	AU045499	null	null	null
9251	10016	AU041906	TC160603	null	Mm.26991
5011	11505	AU041989	null	null	null
31996	26712	AU042052	TC157861	null	Mm.26457
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7235	4619	AU042002	TC178651	null	Mm.17636
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29301	42522	AW545940	TC160049	TIF1 beta protein	Mm.15701
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37509	42589	AW546147	TC200672	Mdes protein	Mm.29648
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7355	13658	AW545961	TC202346	null	Mm.28168
0	0	AW546075	null	null	null
304872	556866	AW546154	TC159569	ribosomal protein L3	Mm.3486
0	0	AW546233	TC192229	null	Mm.38865
0	0	AU044742	null	null	null
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26536	30487	AU044942	TC162238	null	Mm.41540
9983	8230	AU045030	TC197560	null	Mm.17829
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10023	10580	AU044861	null	null	null
49408	52997	AU044953	TC162621	null	Mm.18898
0	0	AU045051	null	null	null
38786	54573	AU041600	TC188008	mORC2L	Mm.3411
28807	32049	AU041682	TC201050	null	Mm.24300
24099	19102	AU041749	TC177041	null	Mm.32392
17367	16832	AU041844	null	null	Mm.17690
37201	33259	AU041620	TC158493	null	Mm.104412
18382	17794	AU041702	TC192011	null	Mm.17639
1814432	1618197	AU041764	TC186864	null	Mm.28976
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11725	13442	AU042865	null	null	Mm.17698
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37197	31227	AU042959	TC200545	null	Mm.88078
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3186	4182	AU045246	null	null	null
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6968	5280	AU045483	TC160678	null	Mm.92529
10442	10519	AU045167	null	null	null
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6432	9836	AU045395	null	null	Mm.103859
29398	37931	AU045512	null	null	null
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190363	182812	AU041991	TC159796	calmodulin	Mm.2648
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13946	11349	AU041939	TC158166	TBX1 protein	Mm.21119
136300	169869	AU042003	null	null	null
1192012	1543978	AU042074	TC160176	null	Mm.253
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40804	46412	AW546000	TC160208	null	Mm.22667
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9942	13525	AW546154	TC159569	ribosomal protein L3	Mm.3486
9270	7889	AW546241	TC173073	16S ribosomal protein	Mm.702
18657	25027	AU044744	TC158491	null	Mm.44861
139908	96354	AU044849	TC202323	null	Mm.28301
11969	16384	AU044943	TC177539	null	Mm.18905
42379	50275	AU045034	TC201737	null	Mm.43737
0	0	AU044764	null	null	null
21698	28169	AU044873	TC159119	regulator of G-protein signali	Mm.44606
0	0	AU044961	null	null	null
0	0	AU045059	null	null	null
77192	56930	AU041608	TC201463	null	Mm.34812
58930	234759	AU041685	TC158257	null	Mm.27846
196207	165361	AU041750	TC203075	null	Mm.24514
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21743	15267	AU043081	TC174149	null	Mm.32572
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15575	29818	AU043022	null	null	Mm.17709
108639	192081	AW546008	TC199957	TIS	Mm.27927
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0	0	AU045373	TC189691	null	Mm.26898
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36727	35436	AU045168	TC163025	null	Mm.21297
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0	0	AU045397	null	null	null
2233802	1930238	AU045523	null	null	Mm.17857
38869	57296	AU041928	TC200741	signal recognition particle su	Mm.89927
39544	39524	AU041995	null	null	null
20006	26845	AU042057	TC166815	null	null
12120	13229	AU042129	TC191968	null	Mm.83644
29581	29350	AU041942	null	null	null
129634	113809	AU042007	TC170249	null	null
120453	49594	AU042077	null	null	null
14335	12162	AU042150	TC200652	null	Mm.12267
14478	19437	AW545947	TC160233	null	Mm.33981
3622	5416	AW546005	TC197057	null	Mm.76650
0	0	AW546149	TC202398	null	Mm.39751
13541	13649	AW546220	TC188976	unnamed protein product	Mm.41634
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0	0	AW546079	TC160044	null	Mm.28603
15205	12544	AW546154	TC159569	ribosomal protein L3	Mm.3486
0	0	AW546241	TC173073	16S ribosomal protein	Mm.702

9838	9965 AU044745	TC177184	null	Mm.17815
28636	43659 AU044850	TC206611	null	Mm.17882
160569	196924 AU044944	TC187395	Rab 11	Mm.1387
58660	55800 AU045038	TC162040	NAKAP95	Mm.9590
32533	41222 AU044766	null	null	null
0	0 AU044875	TC174380	null	Mm.28260
13549	13580 AU044964	TC177321	null	null
41155	101039 AU045060	null	null	Mm.14438
25137	24293 AU041609	null	null	null
61302	64518 AU041690	null	null	null
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23757	36321 AU041847	null	null	null
12488	13173 AU041623	TC158557	null	Mm.23881
28497	25441 AU041705	TC159265	null	Mm.34288
15432	19006 AU041767	TC164118	null	Mm.18620
25017	19760 AU042873	TC166240	null	Mm.32778
46053	55417 AU042951	null	null	Mm.17705
31294	31063 AU043011	null	null	null
46026	49605 AU043085	null	null	null
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92983	125700 AU042963	TC162741	mLGP85/LIMP II	Mm.7176
105370	135162 AU043025	TC187570	null	Mm.18917
467353	850640 AW546008	TC199957	TIS	Mm.27927
167528	248636 AU045152	TC158161	Nedd-4	Mm.16553
240609	383850 AU045251	TC187158	hypothetical protein A	Mm.3752
29189	41737 AU045380	TC174358	jumonji protein	Mm.27474
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0	0 AU045171	TC202566	null	Mm.29245
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26650	28402 AU045399	TC203550	null	Mm.28920
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0	0 AU041945	TC165838	null	Mm.31587
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7543	11378 AU042078	TC159446	amyloid precursor-like protein	Mm.19133
5007	9114 AU042151	null	null	Mm.35073
54048	56860 AW545952	TC164157	null	Mm.64065
153920	168724 AW546006	TC161453	null	Mm.30224
225458	352195 AW546150	TC200141	CCT (chaperonin containing TCP	Mm.3670
16462	21468 AW546222	TC173331	null	Mm.27567
261880	393612 AW545968	null	null	Mm.16820
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63162	69462 AW546162	TC161529	null	Mm.28936
13396	12882 AW546244	TC201416	null	Mm.29711
0	0 AW546936	TC176210	null	Mm.41477
77829	131491 AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
8637	11783 AW547113	TC203347	null	Mm.46501
76240	117179 AW547204	TC200132	null	Mm.22723

8292	34473	AW546964	TC202085	intracellular calcium-binding	Mm.2128
70199	84182	AW547056	TC200630	COP9 complex subunit 4	Mm.957
752364	463783	AW547143	TC175712	null	Mm.45106
0	0	AW547224	TC191207	S-periaxin	Mm.10119
123885	117615	AW548483	null	null	Mm.102865
0	0	AW548568	TC200658	chromaffin granule ATPase II h	Mm.52254
57294	43408	AW548682	TC200857	null	Mm.30251
8074	7630	AW548759	TC206891	null	Mm.102874
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24052	13760	null	null	null	null
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27299	16495	AW549928	TC200645	null	Mm.104647
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75862	85524	AW549944	TC177565	null	Mm.12232
129168	144227	AW550036	TC176132	null	Mm.26771
53508	80198	AW550157	TC186884	null	Mm.42855
19873	19253	AW550255	TC201091	null	Mm.21162
0	0	AW547276	TC163866	null	Mm.76692
14446	9534	AW547344	TC190402	null	Mm.41429
0	0	AW547444	null	null	null
23214	17174	AW547563	null	null	Mm.102836
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65609	65970	AW547366	TC200572	subtilisin/kexin isozyme SKI-1	Mm.29791
76583	107230	AW547467	TC174508	null	Mm.18834
6362	7702	AW547581	TC191775	null	Mm.34175
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29575	31283	AW548911	TC160686	MEK Kinase 3	Mm.27041
51601	75216	AW549078	TC174649	null	Mm.39985
13838	17325	AW549001	TC162044	prion-like protein	Mm.32297
135072	100827	AW548858	TC159970	murine gelsolin protein	Mm.21109
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0	0	null	null	null	null
47642	45374	AW550578	TC158971	null	Mm.8688
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65805	90216	AW550401	TC202316	null	Mm.27773
26422	25078	AW550514	TC189514	null	Mm.37976
14910	26687	AW550619	TC187726	ARP-1	Mm.16519
54447	67125	AW546939	null	null	null
229458	407145	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
26281	24765	AW547114	TC161181	null	Mm.41935
9882	7407	null	null	null	null
102198	164730	AW546965	TC187042	ATPase inhibitor	Mm.2171
186223	150901	AW547057	TC173409	F1F0-ATP synthase g subunit	Mm.14663
23351	28912	AW547144	null	null	Mm.102828
0	0	AW547228	null	null	null

22378	21103	AW548488	TC186888	null	Mm.22565
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19019	18995	AW548687	TC175185	YL-1 protein	Mm.2140
716320	1286553	AW548764	null	null	null
234039	162440	AW548506	null	null	null
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27977	37327	AW548708	TC200683	cyclin G1	Mm.2103
10410	11633	AW548782	null	null	null
137505	146674	AW549932	TC188087	null	Mm.28121
40224	45759	AW550023	TC177155	null	Mm.11768
73567	90008	AW550134	TC203712	null	Mm.24309
170882	217800	AW550236	TC188406	null	Mm.24543
277543	463254	AW549945	null	null	null
206274	231204	AW550037	TC200678	vacuolar sorting protein VPS29	Mm.28356
162047	232270	AW550161	TC174644	cerebellar leucine rich acidic	Mm.22717
16264	18686	AW550262	TC200442	GAPIII	Mm.18517
10046	10697	AW547278	TC188507	null	Mm.27571
15799	19903	AW547349	TC176481	null	Mm.24823
0	0	AW547448	null	null	null
37277	50620	AW547569	TC162073	null	Mm.44604
119950	113992	AW547292	TC200402	null	Mm.22354
28032	51520	null	null	null	null
10313	18662	AW547468	null	null	null
67458	81745	AW547583	null	null	null
10720	11590	AW548842	TC177461	homeobox protein PSX	Mm.10105
53318	67205	AW548914	null	null	Mm.1574
120294	723583	AW549081	TC201551	null	Mm.32553
58388	51666	AW549002	null	null	null
81552	84841	AW548860	TC174327	null	Mm.46380
51921	61137	AW548934	TC159232	null	Mm.104611
48972	59235	AW549107	null	null	Mm.27948
0	0	AW550295	TC200994	CIRP	Mm.17898
9935	12699	AW550359	TC174084	ferrochelatase	Mm.1070
31135	34351	AW550498	TC174765	null	Mm.1521
48403	55948	AW550586	TC173769	null	Mm.25228
16940	25238	AW550321	TC178833	null	Mm.38094
99060	111926	AW550409	TC162943	null	Mm.45774
80589	133406	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
132150	137233	AW550624	TC157209	TI-225	Mm.331
37183	38703	AW546943	null	null	Mm.29629
234563	392550	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
10883	18038	AW547118	TC163715	retinoic acid-responsive prote	Mm.10801
7443	8839	AW547208	TC164865	null	Mm.89820
39024	45749	AW546978	TC159051	ubiquitin fusion-degradation 1	Mm.1830
9993	16468	AW547060	TC203445	null	Mm.5360
26270	37151	AW547147	TC201708	epsilon-sarcoglycan	Mm.8739
18158	24910	AW547231	TC191714	null	Mm.100800
8750	10028	AW548496	TC157361	null	Mm.102866
274109	405363	AW548573	null	null	null
59120	68608	AW548688	TC204646	null	Mm.20292
77822	180107	AW548767	null	null	null

104650	149032	AW548509	TC161718	cytochrome B561	Mm.18942
39345	48888	AW548610	TC202589	null	Mm.20387
1531820	1391853	AW548709	TC187140	null	Mm.1706
18295	19280	AW548783	TC173291	elav-type RNA-binding protein	Mm.27880
29936	30491	AW549934	TC205961	null	Mm.31073
60833	48517	AW550024	TC159923	small EDRK-rich factor 2	Mm.1106
1362579	2530402	AW550140	null	null	null
9005	12198	AW550240	null	null	null
440290	403856	AW549950	TC186551	aldehyde dehydrogenase	Mm.4210
99263	143798	AW550042	TC200110	snapin	Mm.28793
22665	34357	AW550163	null	null	Mm.102916
5475	5849	AW550263	null	null	null
18060	19242	AW547281	TC202616	null	Mm.7024
15214	20715	AW547357	TC188491	Rad51 protein	Mm.231
11124	11531	AW547460	TC203831	null	Mm.52252
4012	10806	AW547573	TC203941	null	Mm.74366
15883	16109	AW547293	TC162163	tsg24	Mm.3989
0	0	AW547374	TC163462	null	Mm.23286
138883	171924	AW547469	TC159770	14-3-3 epsilon	Mm.42972
0	0	AW547589	TC170855	null	null
40911	68993	AW548843	TC158271	ribosomal protein S26	Mm.372
124044	171452	AW548915	TC158451	null	Mm.21963
24545	26304	AW549085	TC163109	null	Mm.35564
32836	37491	AW549010	TC177062	activated leukocyte cell adhes	Mm.2877
3349	4456	AW548864	TC197699	null	Mm.102880
340674	597865	AW548936	TC186429	ribosomal protein S4	Mm.66
644457	582228	AW549108	null	null	null
80348	79542	AW550296	TC160393	SRP 54K subunit (AA 1-504)	Mm.12848
106473	91431	AW550368	null	null	null
31184	53237	AW550503	null	null	null
28732	41211	AW550594	TC161334	null	Mm.30157
148415	192740	AW550326	null	null	Mm.15571
41574	53913	AW550414	TC158495	null	Mm.34961
163273	273935	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
371196	445546	AW550624	TC157209	TI-225	Mm.331
49542	43132	AW546949	TC162598	null	Mm.32395
150205	256128	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
47988	46670	AW547124	TC188928	tuftelin-interacting protein 3	Mm.20933
25710	22914	AW547213	TC203078	null	Mm.11778
88667	90623	AW546981	TC158957	null	Mm.17224
40989	55983	AW547061	TC164113	null	Mm.27090
33888	37165	AW547148	TC176616	null	Mm.28639
434135	303859	AW547236	null	null	null
689130	673997	AW548498	null	null	null
0	0	AW548579	null	null	null
44117	51276	AW548691	TC188053	null	Mm.62186
27743	46361	AW548769	TC175007	null	Mm.27944
31430	24171	AW548515	TC177784	null	Mm.100607
0	0	AW548614	null	null	Mm.102871
1320415	1073953	AW548714	null	null	null
51110	43968	AW548789	TC188428	null	Mm.29556

455072	570896	AW549936	TC160778	null	Mm.34536
206551	181291	AW550025	null	null	null
66831	93897	AW550141	TC161632	null	Mm.8233
28588	32651	AW550241	TC188835	null	Mm.29783
10776	16709	AW549955	TC177339	null	Mm.36824
15083	23092	AW550049	TC188883	null	Mm.21795
39206	221713	AW550167	null	null	Mm.102917
0	0	AW550264	null	null	null
0	0	AW547284	TC159108	null	Mm.24883
0	0	AW547358	TC163725	null	Mm.25390
16872	15273	AW547462	TC204129	null	Mm.35097
6207	8127	AW547574	TC178073	null	Mm.30613
7348	7613	AW547297	TC163726	null	Mm.40719
64408	45169	AW547379	TC201630	null	Mm.28242
28917	30288	AW547474	null	null	null
0	0	AW547590	TC201238	ets-related transcription fact	Mm.22874
0	0	null	null	null	null
138687	154443	AW548916	TC187232	null	Mm.21693
13077	10439	AW549090	TC162980	null	Mm.34412
0	0	AW549013	null	null	null
56774	62061	AW548868	TC185048	null	Mm.102881
17906	22732	AW548936	TC186429	ribosomal protein S4	Mm.66
180280	190132	AW549112	null	null	null
117898	110528	null	null	null	null
19101	21734	AW550297	TC200131	cofilin	Mm.4024
184403	289621	AW550378	null	null	Mm.102926
110299	151267	AW550508	TC199898	microsomal glutathione S-trans	Mm.14796
11747	14689	AW550606	TC204165	null	Mm.27149
34160	37009	AW550327	TC174675	neurotrophin receptor interact	Mm.26926
605229	1120739	AW550521	TC188830	peroxisome membrane protein	Mm.21853
88183	154619	AW550625	TC173058	alpha-1 type-III collagen prec	Mm.1543
25111	35626	AW546959	TC204509	null	Mm.64914
169389	244237	AW547052	TC160362	null	Mm.391
94438	130180	AW547136	TC173589	null	Mm.26598
13783	23176	null	null	null	null
76425	205289	AW547149	TC186839	null	Mm.20348
42552	73366	AW547238	null	null	null
0	0	AW548502	TC197706	null	Mm.102867
129235	168676	AW548581	TC191302	null	Mm.40196
35525	52302	AW548695	TC164579	null	Mm.24820
70667	112630	AW548776	TC202772	null	Mm.39036
120742	91447	AW548520	TC158917	Ly-3 precursor protein	Mm.21764
127441	317474	AW548616	TC158256	null	Mm.14747
12666	14614	AW548716	TC169700	null	null
10988	9863	AW548794	TC189017	null	Mm.46019
68296	103518	AW549937	TC188898	transcriptional regulator homo	Mm.19806
23123	21187	AW550027	TC202854	null	Mm.30047
755321	901557	AW550148	TC160014	hepatocyte growth factor activ	Mm.26835
8410	12571	AW550250	TC162127	null	Mm.23595
15412	19124	AW549972	null	null	null
75438	122146	AW550050	null	null	null

0	0	AW550175	null	null	Mm.102918
10326	20572	AW550265	TC160517	chloride channel CLC-2	Mm.40955
10763	10143	AW547285	TC186531	null	Mm.2395
16465	12078	AW547363	TC173311	flavin-containing monooxygenas	Mm.1668
0	0	AW547463	TC157904	myotubularin homologous protei	Mm.20844
0	0	AW547576	null	null	Mm.38869
27276	30951	AW547298	TC200284	null	Mm.29868
0	0	AW547382	TC173394	cytochrome c oxidase subunit V	Mm.2151
102230	79649	AW547479	TC187611	null	Mm.29372
16567	9761	AW547591	TC174821	null	Mm.28449
136455	166527	AW548849	TC174122	Apolipoprotein C2	Mm.28394
20291	57798	AW548920	TC174999	null	Mm.34786
52383	46893	AW549093	null	null	null
8038	8353	null	null	null	null
0	0	AW548879	TC160795	fibulin-2	Mm.6120
45045	53948	AW548939	TC187087	Murine homolog of human ftp-3	Mm.14838
16188	19971	AW549113	TC201888	null	Mm.38886
15537	16687	AW549020	TC200451	null	Mm.10586
22557	32997	AW550306	null	null	null
4440	5827	AW550391	TC174061	multiubiquitin-chain-binding p	Mm.2261
96400	80565	AW550509	null	null	null
6566	13205	AW550609	TC163155	channel interacting PDZ domain	Mm.29127
95847	144621	AW550328	null	null	Mm.87156
6088	11369	AW550425	TC186420	mitotic checkpoint protein iso	Mm.27250
351107	600961	AW550523	TC161876	null	Mm.40004
53781	83444	AW550627	TC162143	drebrin E2	Mm.19016
9098	10504	AW546960	null	null	Mm.102823
106018	160340	AW547055	TC174191	null	Mm.34385
66995	64036	AW547140	TC159107	null	Mm.34951
526129	557361	AW547223	null	null	null
46465	48523	AW546988	null	null	null
107225	177163	AW547151	TC173757	SYNCRIP	Mm.27972
14598	14725	AW547239	TC186864	null	Mm.28976
49924	68866	AW548503	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
70010	87563	AW548592	TC177039	null	Mm.44849
23103	23527	AW548698	TC202707	null	Mm.87499
75936	89938	AW548777	TC160949	null	Mm.29873
22851	19340	AW548525	TC201885	Sir2alpha protein	Mm.12604
0	0	AW548628	TC174100	oxysterol-binding protein	Mm.18502
10007	14381	AW548720	null	null	null
100598	223224	AW548796	TC168437	null	Mm.25981
144814	183948	AW549941	TC174468	null	Mm.7361
80373	83720	AW550030	null	null	null
69702	73452	AW550149	null	null	null
21856	29649	null	null	null	null
206936	210758	AW549974	null	null	null
22483	20023	AW550051	null	null	Mm.102912
115712	105410	null	null	null	null
20050	25915	AW550268	TC176958	integrin beta-7 subunit	Mm.58
0	0	AW547286	TC173801	null	Mm.35616
165692	188033	AW547365	TC161247	null	Mm.41173

11054	13762	AW547464	TC163081	null	Mm.32022
0	0	AW547579	TC211360	null	null
20342	24755	AW547301	TC187511	unnamed protein product	Mm.17035
52634	77807	AW547390	TC200895	null	Mm.31353
0	0	AW547593	TC205006	null	Mm.45191
31210	39012	AW548852	TC203687	null	Mm.19324
26766	38672	AW548925	TC159797	null	Mm.29493
0	0	AW549102	TC176137	null	Mm.23965
24983	21165	AW549019	TC179927	null	Mm.34545
133927	191646	AW548881	TC204945	null	Mm.87260
68895	64470	AW548942	TC159920	null	Mm.22225
45968	51549	AW549114	TC186801	cytoplasmic dynein intermediat	Mm.6441
10320	10253	AW549130	TC180524	null	null
7195	12170	AW550308	null	null	Mm.16820
59989	65773	AW550394	TC189625	null	Mm.38853
210241	198555	AW550513	TC158355	null	Mm.30043
86050	123168	AW550610	TC159537	ribosomal protein S3	Mm.4696
22376	31329	AW550329	TC202322	null	Mm.28523
39920	39972	null	null	null	null
29185	132357	AW550525	null	null	null
93343	99293	null	null	null	null
147263	222524	AW551478	TC190197	null	Mm.38166
93328	126007	AW551683	TC186619	Sm-B protein	Mm.88216
172077	178531	AW551609	null	null	null
106584	114061	AW551674	null	null	null
305974	556464	AW551507	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
13563	11959	AW551696	TC186527	null	Mm.41736
12984	16838	AW551633	TC189704	null	Mm.41060
13755	21746	AW551740	TC177281	null	Mm.62101
19878	36373	AW552427	TC200202	NIPI-like protein	Mm.22776
0	0	AW552471	TC164296	null	Mm.100828
15936	14393	AW552351	TC211220	null	Mm.103001
33043	33724	AW552502	TC187033	null	Mm.30016
5558	5204	AW552439	TC175295	null	Mm.38795
7416	14874	null	null	null	null
5618	5575	AW552359	TC174225	null	Mm.26775
0	0	AW552513	null	null	null
9732	17688	AW553319	TC161903	null	Mm.28686
209599	186830	AW553363	TC157635	overexpressed in testicular tu	Mm.4962
29216	29299	AW553417	TC202147	energy-dependent regulator of	Mm.30088
22124	24397	AW553462	TC188405	null	Mm.46706
21547	11914	AW553328	TC162581	null	Mm.29723
38749	43266	AW553377	TC160904	null	Mm.29921
11735	12513	AW553432	TC200294	null	Mm.9945
0	0	AW553471	TC203284	NK-type homeobox	Mm.21265
120342	115493	AW551789	null	null	null
36014	21937	AW551830	TC187544	null	Mm.14064
0	0	AW551875	null	null	Mm.23809
47841	61865	AW551923	TC194130	null	Mm.102978
112167	127999	AW551801	TC175120	null	Mm.33007
14151	20592	AW551841	TC174011	null	Mm.29041

213979	305627	AW551889	TC186609	Rnf4	Mm.21281
149696	153518	AW551931	TC158446	null	Mm.34546
508256	406940	AW552561	TC160371	null	Mm.28866
57150	55911	AW552635	TC161684	null	Mm.12184
0	0	AW552678	TC163233	null	Mm.55211
0	0	AW552733	TC200501	initiation factor 2-associated	Mm.19170
7508	12195	AW552575	TC202722	SMCX	Mm.19790
353176	394904	AW552645	TC160460	null	Mm.24272
42962	54581	AW552689	TC157487	null	null
71722	79482	AW552744	TC160828	tumor susceptibility protein T	Mm.22688
40524	49913	AW553512	TC187820	null	Mm.36713
389872	420885	AW553565	TC175453	null	Mm.19804
28339	30841	AW553605	TC202996	null	Mm.41033
0	0	AW553655	TC163579	null	Mm.41395
565769	1390287	AW553526	TC159460	nucleolar protein	Mm.6343
45787	51160	AW553575	TC164173	null	Mm.28854
40585	56648	AW553616	TC174529	null	Mm.28299
24461	35302	AW553674	null	null	null
5177	11124	AW551484	null	null	null
17441	24211	AW551688	TC192014	null	Mm.31795
83387	87609	AW551611	null	null	null
101715	231472	AW551726	TC160459	WW domain binding protein 5; W	Mm.512
13764	14257	null	null	null	null
4583	3793	AW551701	TC176648	null	Mm.26530
4440	10128	AW551634	TC176895	null	Mm.3926
49816	139677	null	null	null	null
4171	2519	AW552428	TC163208	null	Mm.28865
63269	50461	AW552477	TC174140	non-receptor protein tyrosine	Mm.1483
15360	16027	AW552354	TC199932	null	Mm.34854
30622	19466	AW552503	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
7387	6703	AW552440	null	null	null
18517	26397	AW552312	null	null	null
0	0	AW552360	null	null	Mm.103002
14998	9244	AW552518	TC201895	primase small subunit	Mm.2903
161978	280492	AW553320	TC158281	ribosomal protein L35a	Mm.19355
87522	170339	AW553366	TC160783	null	Mm.486
17208	17240	AW553420	TC162733	null	Mm.35655
19050	21466	AW553463	TC190035	null	Mm.82923
15983	23550	AW553329	TC180315	null	Mm.103347
12868	11635	AW553380	TC160041	null	Mm.44123
11818	22886	AW553434	TC201402	kinesin motor protein KIFC3	Mm.22513
11546	10540	AW553474	TC175097	Trf-proximal protein	Mm.25072
108321	114111	AW551791	null	null	null
470278	608449	AW551831	null	null	Mm.77432
151563	137056	AW551880	TC188292	null	Mm.2937
286262	302107	AW551926	TC187446	null	Mm.27367
6663	7290	AW551802	TC204297	null	Mm.17649
258302	299728	AW551843	TC173472	null	Mm.23836
49096	80134	AW551890	TC188720	null	Mm.20415
295393	317584	AW551933	TC188218	null	Mm.23607
99670	102285	AW552564	TC192109	null	Mm.26260

186351	265576	AW552636	TC209248	null	null
61624	66337	AW552679	TC200499	null	Mm.9559
74521	75726	null	null	null	null
36747	53603	AW552578	TC200160	null	Mm.26956
9996	9373	AW552646	TC202079	null	Mm.10281
35509	41634	AW552690	TC161998	null	Mm.27628
0	0	AW552746	TC173754	Dazh	Mm.29781
169887	276971	AW553519	TC174066	null	Mm.22117
34214	51323	AW553566	TC187897	null	Mm.32247
11388	16249	AW553606	TC189163	null	Mm.34669
17655	24257	AW553662	null	null	null
476683	1195234	AW553526	TC159460	nucleolar protein	Mm.6343
41909	35594	AW553576	TC161904	null	Mm.23951
0	0	AW553617	TC173259	Lutheran glycoprotein	Mm.29236
39105	40781	AW553679	null	null	null
35185	66786	AW551486	TC201439	null	Mm.28515
76494	92918	AW551689	TC157762	biglycan	Mm.2608
0	0	AW551612	null	null	null
128870	201492	AW551730	TC186575	null	Mm.29919
4591	4775	AW551517	null	null	null
12183	9010	AW551702	TC165152	null	Mm.102957
31977	44417	AW551635	TC164013	null	Mm.102643
46461	87247	AW551743	TC157446	null	Mm.104415
9627	9387	AW552430	TC187776	null	Mm.31879
16705	18194	AW552478	TC201424	null	Mm.41856
24716	31561	AW552355	null	null	null
18782	32173	AW552504	TC186794	null	Mm.27357
16882	19837	null	null	null	null
9290	11180	AW552313	TC161308	null	Mm.102451
8202	6364	AW552361	TC190732	null	Mm.18922
31006	31118	AW552524	TC202008	null	Mm.28195
37504	47722	null	null	null	null
10813	14679	AW553368	null	null	null
59921	60178	AW553423	null	null	null
8600	11112	null	null	null	null
13689	15930	AW553331	null	null	null
40516	86697	AW553381	TC159073	null	Mm.41419
51374	88957	AW553435	TC200944	null	Mm.29999
60007	86111	AW553478	TC157856	null	Mm.29665
130401	112449	AW551796	TC174365	null	Mm.30041
62901	74130	AW551833	TC187268	null	Mm.31076
26056	34108	AW551882	null	null	Mm.16773
16817	21041	AW551927	TC174324	UbcM4 interacting protein 48;	Mm.28409
37856	41393	AW551807	null	null	null
28088	34171	AW551845	TC158398	serine/threonine kinase	Mm.8901
6289	4944	AW551891	null	null	Mm.102974
4919	4850	AW551934	null	null	null
0	0	AW552566	TC204028	null	Mm.27047
259400	355090	AW552638	TC158309	dbpA murine homologue	Mm.29794
75459	93251	AW552680	TC173845	null	Mm.28647
45911	61538	AW552735	TC162777	zinc finger protein 96	Mm.24124

12403	18830	AW552579	TC204784	null	Mm.45771
188190	146369	AW552647	TC175172	null	Mm.38976
50896	68055	AW552691	TC160872	kinesin motor protein KIF22	Mm.29381
20898	22142	AW552752	TC163139	null	Mm.7070
15547	22057	AW553520	TC207614	null	Mm.103055
92467	103133	AW553568	null	null	Mm.7277
14827	22955	AW553607	null	null	null
68013	106260	AW553663	TC191816	null	Mm.26316
118251	128652	AW553527	TC201282	branched chain alpha ketoacid	Mm.25848
28523	37640	AW553579	TC158607	null	Mm.104511
12255	11821	AW553622	null	null	Mm.103058
49675	63541	null	null	null	null
90657	157101	AW551495	null	null	Mm.4071
19493	21418	AW551690	TC164120	histidine-rich calcium-binding	Mm.39968
4550	10592	AW551617	TC190964	null	Mm.41333
65685	71590	AW551732	TC194125	null	Mm.102965
25682	26569	null	null	null	null
0	0	null	null	null	null
31439	32862	AW551639	null	null	Mm.102963
101554	104073	AW551749	null	null	null
95373	65392	AW552431	TC159453	sterol-carrier protein X	Mm.1779
0	0	null	null	null	null
0	0	AW552356	TC176178	null	Mm.11331
16256	23071	AW552505	TC175922	null	Mm.30515
65376	57603	AW552443	null	null	null
12199	11497	AW552314	null	null	null
16021	17207	AW552364	TC174974	null	Mm.24806
15042	21224	null	null	null	null
13053	12383	AW553322	TC190134	null	Mm.27062
37189	41759	AW553371	TC188390	null	Mm.5381
9173	17424	AW553425	TC162362	P1-A	Mm.87124
0	0	AW553467	TC161492	rhodanese	Mm.15312
52844	60839	AW553334	TC162199	PL6 protein	Mm.27312
60048	91387	AW553382	null	null	null
8469	12974	AW553438	TC170697	null	null
72646	111482	AW553479	TC201280	D-dopachrome tautomerase	Mm.5731
41122	43763	AW551797	TC201659	Lisch7	Mm.4067
0	0	AW551836	TC180508	null	null
100806	77423	AW551883	TC163066	null	Mm.100117
16490	16967	null	null	null	null
7022	7434	AW551808	TC168329	null	Mm.83634
10377	14011	AW551847	null	null	null
175456	148481	AW551893	TC161934	null	Mm.27088
24219	74403	AW551936	null	null	null
22947	25915	AW552568	null	null	Mm.103006
54658	90021	AW552639	TC173696	null	Mm.30179
7791	6701	AW552681	TC176216	null	Mm.29249
103114	114255	AW552736	TC173237	Dlxin-1	Mm.103011
31393	17403	AW552580	null	null	null
2377127	2090387	AW552694	TC201636	null	Mm.28251
148325	184475	AW553522	TC158948	null	Mm.8486

9408	12589	null	null	null	null
155724	293606	AW553609	TC165866	null	Mm.31746
5535	5557	AW553664	null	null	null
12370	14650	AW553529	TC158893	CArG-binding factor-A	Mm.24
39892	44833	AW553582	null	null	null
92545	115912	AW553625	null	null	null
231048	303769	AW553694	TC162121	null	Mm.18783
79215	73390	AW551496	TC173942	null	Mm.28483
38542	47980	AW551692	TC187895	null	Mm.24104
17549	34571	AW551623	TC189044	null	Mm.35841
145860	226343	AW551735	null	null	null
23905	25770	AW551535	TC188825	ubiquitously expressed transcr	Mm.34779
18702	29931	AW551705	null	null	null
9132	8065	AW551640	null	null	null
62606	66829	AW551751	TC188464	Ankhzn	Mm.10313
19386	16404	AW552434	TC160825	null	Mm.29647
42405	48326	AW552307	TC161466	ferroportin1	Mm.28756
24389	33100	AW552357	TC163704	TES101RP	Mm.23385
10763	12522	AW552510	TC179676	null	Mm.40577
30299	39609	AW552445	TC159139	null	Mm.25279
10605	11825	AW552315	TC160837	null	Mm.29834
19094	19967	AW552365	TC176100	null	null
3159	4326	AW552528	TC190637	null	Mm.29270
0	0	AW553323	TC205048	null	Mm.103046
0	0	AW553375	TC188925	alpha 3 type IX collagen	Mm.106
73058	72819	AW553426	TC159762	G protein beta subunit like	Mm.29453
117459	129742	AW553468	TC173318	null	Mm.18688
7358	9282	AW553335	TC175543	arf-like protein 2	Mm.21071
87660	65694	AW553383	TC200528	beta-tropomyosin (AA 1-284)	Mm.646
9132	5435	AW553441	TC188504	ANA	Mm.8702
0	0	AW553480	TC161307	null	Mm.30244
27919	36625	AW551798	TC201151	null	Mm.67998
98060	126380	AW551837	TC165903	null	null
12469	25919	AW551885	TC207963	null	null
20231	20944	AW551929	TC161747	null	null
38860	54380	AW551810	TC203920	null	Mm.30463
122885	80027	AW551849	TC190114	null	Mm.100380
18158	14167	AW551894	null	null	Mm.102975
112765	140999	AW551937	null	null	null
288321	87769	AW552571	TC161965	null	Mm.29402
113765	162758	AW552640	TC174113	null	Mm.22266
147339	134040	AW552686	TC175805	GARP45	Mm.20450
296390	169072	AW552737	TC175284	null	Mm.11218
0	0	AW552581	TC201694	collagen type XIV	Mm.52777
251346	398040	AW552650	TC189449	null	Mm.41084
137451	119777	AW552696	null	null	null
70724	68905	AW552760	TC159765	null	Mm.28411
15797	19936	AW553523	null	null	null
30130	39473	AW553572	TC161260	null	Mm.24276
7726	6128	AW553611	TC173104	null	Mm.63
23794	18444	null	null	null	null

0	0	AW553532	TC158570	null	Mm.38028
15338	17755	AW553584	null	null	null
22919	56809	AW553627	null	null	null
0	0	AW553704	TC204181	null	Mm.100844
8591	15089	null	null	null	null
47305	42795	AW551694	null	null	Mm.102956
20104	25705	null	null	null	null
242044	225925	AW551736	TC177199	null	Mm.22832
195781	106595	AW551536	TC190583	null	Mm.34524
220261	207159	AW551707	TC175844	null	Mm.20417
394776	346024	AW551643	TC174622	microtubule-actin crosslinking	Mm.3350
852443	1241639	AW551753	null	null	Mm.102966
24045	22247	AW552438	TC187049	null	Mm.27761
20765	22705	AW552309	null	null	Mm.102997
65774	68565	AW552358	TC173649	GTP-binding protein	Mm.3250
0	0	AW552512	TC185063	null	Mm.103004
33337	39748	AW552446	TC187056	null	Mm.11816
192109	242171	AW552318	TC200454	null	Mm.29853
10255	8153	AW552367	TC202549	null	Mm.90311
81322	123833	AW552534	TC158866	ribosomal protein L37a	Mm.21529
19536	18739	AW553324	TC200496	null	Mm.30110
35350	40054	AW553376	TC175379	null	Mm.2420
1004870	999799	AW553427	null	null	null
6654	8245	AW553470	TC205421	null	Mm.103054
0	0	AW553336	TC177877	null	Mm.36154
23670	30957	AW553386	TC201183	septin-like protein Sint1	Mm.38450
122045	114697	AW553443	null	null	null
16500	16429	AW553482	null	null	null
180660	639661	AW551800	TC176966	null	Mm.31867
26234	30928	AW551838	TC205626	null	Mm.32714
119818	129017	AW551887	TC157765	null	Mm.29408
35761	35304	AW551930	TC189460	null	Mm.25695
260477	305703	AW551813	null	null	null
220101	241099	AW551850	null	null	null
8857	10523	AW551897	null	null	Mm.102976
58420	87174	AW551939	TC174932	null	Mm.41110
123383	87275	AW552574	null	null	Mm.103007
12603	11619	AW552644	TC176756	null	Mm.84531
113285	144114	AW552688	TC189290	null	Mm.23923
9539	11132	AW552743	TC165242	null	Mm.71018
4600	9549	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
44266	47263	AW553525	null	null	Mm.103056
117637	135922	AW553574	TC158320	null	Mm.29345
22478	25432	AW553615	TC158763	null	Mm.104609
37800	65159	AW553669	TC207822	null	Mm.103062
82674	88384	AW553536	TC188913	mszf55-1	Mm.16650
20785	26217	null	null	null	null
70860	46246	AW553628	TC163188	null	Mm.100594

21312	32657	AW553712	TC188069	IkB kinase-beta	Mm.28269
36782	56832	null	null	null	null
0	0	AW554339	TC176656	null	Mm.39706
5006	8347	AW554397	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
5449	12402	AW554444	TC188558	null	Mm.28984
9696	14631	AW554270	TC159891	heterogenous nuclear ribonucle	Mm.2115
66793	79239	AW554361	TC178867	null	Mm.9997
463353	731362	AW554401	TC177074	null	Mm.30456
0	0	AW554472	TC162042	null	Mm.24591
36444	55583	AW555237	TC188538	tripeptidyl-peptidase ii	Mm.28867
8356	11699	AW555322	TC174542	secreted protein	Mm.3433
3702	6688	AW555450	null	null	Mm.103139
12528	15346	AW555502	TC211871	null	Mm.39826
0	0	AW555268	TC163217	null	Mm.29113
17290	18085	AW555341	null	null	null
14859	16737	null	null	null	null
27485	25036	AW555522	TC175685	osmotic stress protein 94	Mm.4150
75130	108042	AW556118	TC201535	receptor tyrosine kinase	Mm.2901
926983	2022060	AW556176	TC158293	null	Mm.104408
382824	513252	AW556216	TC160885	null	Mm.21762
406018	698079	AW556256	null	null	Mm.1139
0	0	null	null	null	null
38387	45924	AW556190	null	null	Mm.103169
1100560	1269264	AW556222	TC200412	NIX	Mm.29820
46359	57230	AW556269	TC200071	null	Mm.100466
12859	8219	AW554518	TC183467	null	Mm.25750
6041	11397	AW554558	TC184136	null	null
44912	71882	AW554596	TC202022	null	Mm.28895
46310	44103	null	null	null	null
75529	122291	AW554529	TC202527	null	Mm.1511
497231	749586	AW554565	TC186413	housekeeping protein	Mm.29821
13770	14201	AW554606	null	null	null
45345	58496	AW554660	TC187718	cbp37	Mm.22327
76065	105096	AW555380	TC157838	null	Mm.36088
935364	2125741	null	null	null	null
402840	601215	AW555585	TC190666	null	Mm.31034
137751	123666	AW555640	TC160747	null	Mm.10706
51705	75707	AW555389	TC186388	5' ORF	Mm.14802
385011	400532	AW555550	TC157645	casein kinase II beta subunit	Mm.26789
312265	379194	AW555605	TC157832	ATP receptor P2X4 subunit isof	Mm.27861
26929	32369	AW555650	null	null	null
14156	19985	AW556311	null	null	Mm.103176
52534	49058	AW556360	TC163439	fractionated X-irradiation-ind	Mm.1645
8897	14955	null	null	null	null
16882	24675	AW556484	null	null	null
208297	218898	AW556325	null	null	Mm.103180
150327	311591	null	null	null	null
18475	29440	AW556424	TC159934	null	Mm.31354
25841	31971	AW556506	TC188226	null	Mm.28169
239157	397889	AW554252	null	null	null
0	0	AW554344	TC177998	null	Mm.69083

18066	24480	AW554398	TC157649	transcription factor S-II	Mm.87235
416475	375149	AW554445	null	null	null
30792	28833	AW554273	TC161310	null	Mm.18875
11727	20713	AW554403	null	null	Mm.103097
0	0	AW554473	null	null	null
26302	27982	AW555238	TC202119	null	Mm.9864
22013	31027	AW555326	TC157250	null	Mm.29279
11306	13988	AW555452	TC159981	null	Mm.29151
37303	36674	null	null	null	null
61264	66058	AW555269	TC157219	null	Mm.13427
62726	54516	AW555342	TC161176	syntaxin 5	Mm.26558
33610	39344	AW555464	TC157935	null	Mm.23689
8823	5930	AW555524	TC165873	null	Mm.33072
107937	121553	AW556119	TC162206	null	Mm.28032
94581	126667	AW556177	TC161135	null	Mm.28932
244532	407976	AW556217	TC159000	similar to Drosophila ash2	Mm.27706
82378	101945	AW556258	null	null	null
318095	375941	AW556134	TC158364	Rab11b	Mm.35727
471222	663389	AW556192	TC165068	null	Mm.103170
213766	347713	AW556225	TC186974	null	Mm.34051
494408	603360	AW556278	TC201021	null	Mm.28521
26731	25009	AW554519	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
182390	362307	null	null	null	null
121063	164237	AW554597	TC175357	null	Mm.45384
69810	68993	AW554651	null	null	null
38442	59578	AW554530	TC200554	type 1 procollagen C-proteinase	Mm.18808
355418	369327	AW554567	TC200138	FK506-binding protein	Mm.27941
12015	16655	AW554607	TC187172	null	Mm.21852
192893	241201	AW554667	TC160271	38 kDa Mov34 homolog	Mm.2472
514957	422866	AW555381	TC211200	null	null
53137	57694	AW555540	TC162545	null	Mm.72170
282128	268634	AW555588	TC189678	null	Mm.63068
344511	410082	AW555641	TC203011	null	Mm.9829
137586	183565	AW555391	null	null	null
80450	77291	AW555553	null	null	null
68554	77046	AW555606	null	null	null
99565	87969	AW555651	TC173491	cyclin D-interacting myb-like	Mm.22480
22282	18337	AW556314	null	null	Mm.104518
37250	42149	AW556362	TC163423	null	Mm.41761
9156	9963	AW556413	TC190814	null	Mm.9935
17248	24046	AW556485	TC163277	null	Mm.23992
20284	19288	AW556326	TC205017	null	Mm.103181
29740	30751	AW556377	TC188991	null	Mm.41539
0	0	AW556427	null	null	Mm.104519
0	0	AW556507	null	null	null
23970	27220	AW554253	TC190553	null	Mm.37551
29395	30989	AW554346	null	null	null
0	0	AW554412	TC202818	null	Mm.27241
7368	7933	AW554446	TC193230	null	Mm.102808
45892	35164	null	null	null	null
73795	62177	AW554370	TC163323	null	Mm.100587

72678	118777	AW554404	TC170828	null	null
7450	8067	AW554476	TC190830	null	Mm.41372
40550	33350	AW555263	TC182859	null	Mm.86671
29563	39891	AW555329	null	null	Mm.103136
37017	36067	AW555453	TC200601	null	Mm.24201
66272	97926	AW555504	TC177137	null	Mm.24136
135100	163828	AW555272	TC158402	null	Mm.46654
156193	175054	AW555346	TC175082	peroxisome membrane protein PE	Mm.16453
67356	104831	AW555468	null	null	null
9684	10758	AW555526	null	null	null
343478	336978	AW556120	TC187015	null	Mm.30188
52862	58700	AW556179	null	null	null
35892	38909	AW556218	TC167070	null	null
37415	36182	AW556259	null	null	null
242341	249612	AW556136	TC176845	null	Mm.100615
993959	1066883	null	null	null	null
217119	271508	AW556226	TC162995	null	Mm.28062
21768	27941	AW556279	null	null	null
27451	37363	AW554520	TC199980	null	Mm.43452
430961	652417	AW554560	null	null	null
0	0	AW554599	null	null	Mm.103106
6938	6736	null	null	null	null
4854	6819	AW554531	TC204251	null	Mm.33492
307072	258203	AW554569	TC173415	null	Mm.29719
30532	28365	null	null	null	null
6821	10187	AW554674	TC159535	preprocomplement component C3	Mm.19131
412977	311178	AW555383	TC173042	null	Mm.4537
278834	523743	AW555541	TC189222	lymphocyte specific helicase	Mm.57223
183739	223788	AW555592	TC188467	null	Mm.27665
757575	1068255	AW555642	TC157609	null	Mm.29923
777387	1273137	AW555395	TC197547	null	null
323930	322830	AW555555	null	null	null
42007	47243	AW555607	TC158543	null	Mm.34027
14229	14758	AW555652	TC197559	null	null
49284	53436	AW556319	null	null	Mm.103179
44211	48800	null	null	null	null
56703	88568	null	null	null	null
15156	17633	AW556495	null	null	null
282579	257237	AW556329	null	null	null
1355054	2309968	AW556381	TC159640	eukaryotic translocation facto	Mm.16317
66531	73808	AW556431	TC186415	null	Mm.14245
13554	24225	AW556508	null	null	Mm.104382
33940	43510	AW554257	TC207789	null	null
15529	29899	AW554413	TC197574	null	Mm.103096
38153	55549	AW554453	TC203066	short ORF	Mm.87561
15738	18298	AW554276	TC170835	null	Mm.103092
62353	61183	AW554373	TC174111	null	Mm.29328
13252	33586	AW554480	null	null	null
24775	19278	AW555264	TC159991	alpha-B crystallin	Mm.178
87957	120950	AW555335	null	null	null
50305	65316	AW555456	TC202028	centrin	Mm.24643

12687	20043	AW555507	TC200934	beta-1,4-galactosyltransferase	Mm.24545
16900	22613	AW555280	null	null	null
31189	26012	AW555347	TC162117	cAMP-dependent protein kinase	Mm.19111
25021	30302	AW555469	TC205800	null	Mm.74640
0	0	null	null	null	null
121960	152387	AW556123	TC200208	keratinocyte growth factor rec	Mm.16340
457880	661923	AW556184	null	null	null
122121	165649	null	null	null	null
1017131	1452860	AW556262	null	null	Mm.103172
99266	122948	AW556138	TC188972	null	Mm.90071
568641	597976	AW556196	TC202429	null	Mm.4002
166761	191930	AW556229	TC200900	MEK binding partner 1	Mm.20922
986381	1082566	AW556280	TC201032	null	Mm.87700
186342	270266	AW554524	null	null	null
29545	31556	AW554562	TC173932	null	Mm.35508
56316	78560	AW554600	TC186650	p68 lipocortin protein (AA 1-6	Mm.22619
0	0	AW554656	TC177584	null	Mm.17610
52418	71286	AW554532	TC174702	null	Mm.13148
44790	43780	AW554570	TC186581	integral membrane protein	Mm.4891
35358	30255	AW554628	null	null	null
58288	57363	AW554676	null	null	null
0	0	AW555385	TC184004	null	null
45402	62363	AW555543	TC203547	null	Mm.32659
0	0	AW555594	null	null	null
32219	72832	AW555644	TC173854	glutathione-S-transferase clas	Mm.31041
623275	545141	AW555399	TC210617	null	Mm.66402
292396	220215	AW555558	null	null	Mm.103147
207289	231051	null	null	null	null
6197	9116	AW555653	TC203777	null	Mm.44578
155519	122895	AW556320	TC162660	Ferredoxin-NADP Reductase prec	Mm.4719
53513	65582	AW556371	TC173237	Dlxin-1	Mm.27578
0	0	null	null	null	null
18489	19965	AW556496	TC188644	null	Mm.23826
563731	923911	AW556331	TC187013	null	Mm.10278
310968	299063	AW556382	TC161092	null	Mm.33951
74593	85077	AW556440	TC161132	null	Mm.12775
30291	44497	AW556509	TC186973	null	Mm.385
60524	62912	AW554258	TC162945	midnolin	Mm.103091
75878	95013	AW554353	TC194115	null	Mm.25000
5138	4710	AW554418	null	null	Mm.41719
0	0	AW554457	TC186464	null	Mm.30011
10947	7788	AW554277	null	null	Mm.103093
46482	47601	AW554376	null	null	Mm.382
571142	490407	AW554406	TC206330	null	Mm.38597
107406	103768	AW554482	null	null	Mm.103100
389941	479836	AW555265	TC186822	null	Mm.17307
47506	69396	AW555338	TC157964	null	Mm.65678
42641	36473	AW555458	TC199387	null	Mm.102291
228226	223167	AW555509	TC187292	null	Mm.30214
173736	178509	AW555281	TC175873	null	Mm.44224
0	0	AW555349	null	null	null

24480	28318	AW555473	TC161636	null	Mm.4051
9526	19883	AW555530	null	null	null
440948	615263	AW556129	TC157729	unnamed protein product	Mm.23841
0	0	AW556185	TC175527	MGA protein	Mm.87532
455566	353765	AW556220	TC189178	null	Mm.11382
181944	191195	AW556264	null	null	null
125962	149209	AW556139	TC176140	null	Mm.32329
2091575	1923950	AW556197	null	null	null
1566961	1712369	AW556230	TC173055	CDC42 protein	Mm.1022
96712	103311	AW556282	TC201755	tum- transplantation antigen	Mm.22596
60068	84787	AW554527	TC174857	formerly known as STM2; homol	Mm.4338
53111	68228	AW554563	null	null	null
72702	72305	AW554601	TC189819	null	Mm.87599
257914	404899	AW554658	TC202367	null	Mm.60794
22358	23922	AW554535	null	null	null
55620	65425	AW554572	TC188870	null	Mm.22258
87218	114859	AW554630	TC177012	null	Mm.18001
539986	400974	AW554683	TC162685	null	Mm.23816
39696	33796	AW555387	null	null	null
143569	141174	AW555547	null	null	null
41102	59877	AW555595	null	null	null
51698	51549	AW555645	TC203457	aldehyde oxidase homolog-1	Mm.20108
6966	7319	AW555400	null	null	null
40290	25093	AW555559	null	null	null
14356	19207	AW555618	TC159935	matrin3	Mm.41480
60503	46935	AW555660	null	null	Mm.103151
346644	330168	AW556321	TC160986	null	Mm.34081
19533	20786	AW556372	TC159930	decorin	Mm.1987
133737	142839	AW556422	TC157221	null	Mm.2041
24750	34189	AW556499	null	null	Mm.103185
16731	14268	AW556332	TC201846	m6a methyltransferase	Mm.76983
56684	44219	AW556383	TC200401	zeta proteasome chain; PSMA5	Mm.2287
6776	8541	AW556441	TC173517	null	Mm.41495
3851	8196	AW556511	TC167226	null	Mm.102585
107101	92489	AW554268	TC187987	bromodomain-containing protein	Mm.5400
24478	32130	AW554355	TC157313	Mpv17	Mm.999
183977	194021	AW554421	TC174865	complement subcomponent C1Q A	Mm.370
14049	24714	AW554463	TC174003	kidney predominant protein	Mm.21976
36626	51842	AW554281	null	null	Mm.38247
184779	131220	AW554377	TC172237	null	Mm.59137
1237082	1049622	AW554408	TC160269	unknown	Mm.396
31254	40233	AW554484	null	null	Mm.16767
57027	64146	null	null	null	null
237061	270568	AW555339	TC174268	null	Mm.21218
74255	62479	null	null	null	null
0	0	AW555517	TC182179	null	Mm.54911
17763	22170	AW555282	null	null	null
65376	80162	AW555351	TC160323	mitochondrial carrier homolog	Mm.29650
69147	84499	AW555477	TC173634	CTP synthetase homolog	Mm.2065
75637	82661	AW555537	TC200699	null	Mm.35695
264075	264199	null	null	null	null

545626	984495	AW556189	TC157671	tyrosine kinase	Mm.6839
164916	110493	AW556221	TC160313	null	Mm.730
173469	156491	AW556266	TC200807	calcyclin binding protein	Mm.10702
97616	118019	AW556144	null	null	null
1466635	2023063	AW556198	TC186853	unknown	Mm.692
165600	187462	AW556233	TC202783	null	Mm.99704
1046977	1080947	AW556284	null	null	Mm.103173
75799	81292	AW554528	null	null	null
340702	431001	AW554564	TC201287	null	Mm.27653
28730	27022	AW554605	TC176777	Smad interacting protein 1	Mm.37676
14259	15517	AW554536	TC159001	null	Mm.43358
241622	208847	AW554573	TC200985	null	Mm.26949
101058	86839	AW554632	TC202535	null	Mm.35084
440287	594967	AW554685	TC200030	BAP-135 homolog	Mm.22593
150503	255834	AW555389	TC186388	5' ORF	Mm.14802
592522	643010	AW555549	TC158381	null	Mm.21435
298588	235603	AW555596	TC158326	adipose differentiation relate	Mm.381
0	0	AW555646	TC170705	null	null
242067	273863	AW555403	TC178315	null	Mm.17850
15365	17993	AW555560	TC175425	F-box protein FBW5	Mm.29170
375571	349038	AW555610	TC161209	null	Mm.29139
803010	690089	AW555661	TC160932	null	Mm.28347
48418	41282	AW556324	null	null	null
165751	204692	AW556373	TC173563	null	Mm.21399
48865	46136	AW556423	TC202739	null	Mm.56098
38894	42562	AW556501	TC161731	huntingtin interacting protein	Mm.33797
17170	27666	AW556334	null	null	null
218624	206976	AW556384	null	null	null
40565	39326	AW556444	TC191740	null	Mm.23657
31407	37509	AW556513	TC173252	translation repressor NAT1	Mm.525
74870	93902	AW557010	TC203106	null	Mm.32357
12600	15541	AW557056	TC197613	null	Mm.103215
13889	16532	AW557124	TC164098	null	Mm.42710
38404	53266	AW557180	null	null	Mm.103219
29515	32008	AW557022	TC162511	null	Mm.18617
0	0	AW557065	TC176635	null	Mm.22955
52888	61098	AW557137	TC161152	collagen alpha 1 chain type V	Mm.2509
11392	16180	AW557191	TC161678	hypothetical protein	Mm.34697
70861	77503	AW558000	TC158986	Bcl-2-interacting protein becl	Mm.30040
1319301	1191916	AW558059	null	null	null
15439	18516	AW558131	null	null	null
112847	193863	AW558184	TC199992	nonamer binding protein	Mm.4280
94665	81940	AW558016	TC200483	null	Mm.30113
32994	42980	AW558078	TC175489	fosB protein (AA 1-338)	Mm.26091
104082	121069	AW558145	TC202597	null	Mm.29464
19131	25576	AW558200	TC157987	null	Mm.88628
0	0	null	null	null	null
28303	24598	AW559064	TC188534	kinase	Mm.8108
8121	10961	AW559127	TC192097	potassium channel subunit	Mm.5177
14686	16893	AW559022	TC189329	null	Mm.35756
22009	26072	AW559084	TC175260	cytokine inducible SH2-contain	Mm.4592

57346	56991	AW559135	null	null	null
26758	44045	AW557252	null	null	Mm.104520
123318	139435	AW557306	TC186746	D-type cyclin	Mm.3141
197651	161004	AW557397	TC188106	null	Mm.25539
124979	127888	AW557458	TC174718	ubiquitin-specific processing	Mm.40986
21075	30064	AW557260	null	null	Mm.90760
16877	25421	AW557322	TC177677	null	Mm.33039
51474	55370	null	null	null	null
138869	112438	AW557474	TC186835	null	Mm.28058
32112	39767	AW558231	TC165867	null	Mm.100443
52719	55815	AW558293	TC160505	null	Mm.30153
142002	198302	AW558347	null	null	Mm.103280
21915	37118	null	null	null	null
137063	141593	AW558245	null	null	null
123595	120035	AW558309	TC161072	polypeptide GalNAc transferase	Mm.30249
274715	242173	AW558357	TC202471	null	Mm.29483
63778	72091	AW558510	TC189596	null	Mm.27070
9530	3310	AA016470	null	null	null
0	0	AA104143	null	null	null
0	0	AA404189	null	null	null
0	0	AA422631	null	null	null
18302	20551	AA023641	null	null	null
19887	21267	AA146556	null	null	null
105819	104329	AA269839	null	null	null
0	0	AA499251	null	null	null
21825	38501	AW557011	TC187499	equilibrative nitrobenzylthioi	Mm.29744
8268	8076	AW557058	null	null	Mm.103216
22276	25868	AW557129	TC201615	poly(A) polymerase V	Mm.3170
13728	12518	AW557181	null	null	Mm.103220
30735	42057	AW557024	null	null	null
96599	114376	AW557067	TC159505	defender against cell death 1	Mm.2547
27704	30350	AW557138	TC174719	null	Mm.41390
30083	21432	AW557192	TC203641	null	Mm.60166
280345	331784	AW558008	TC200200	calumenin	Mm.7515
56834	47400	AW558065	TC162398	null	Mm.18814
126489	137935	AW558132	null	null	null
30517	42285	AW558188	TC159037	null	Mm.27529
1052126	1000906	AW558020	TC201642	null	Mm.28560
22473	31638	AW558079	TC203322	null	Mm.2415
47672	49018	AW558146	TC201994	null	Mm.20488
20006	28904	null	null	null	null
17482	14576	AW559014	TC202620	null	Mm.24411
0	0	null	null	null	null
11422	18590	AW559128	TC187557	null	Mm.23702
15474	18558	null	null	null	null
11375	18006	AW559085	TC203264	null	Mm.306
8917	12718	null	null	null	null
19129	19455	null	null	null	null
20618	26152	AW557309	TC192989	null	Mm.103230
144625	205774	AW557402	TC173272	null	Mm.534
190586	198735	AW557461	TC200246	null	Mm.8195

75740	85505	AW557261	TC201133	null	Mm.27692
416662	458056	AW557330	TC191148	null	Mm.46102
23556	26644	AW557415	TC200516	null	Mm.86625
29715	38177	AW557475	TC157724	myelin proteolipid	Mm.1268
52661	68640	AW558233	TC188616	null	Mm.90289
208279	183235	AW558295	TC163996	null	Mm.87487
97758	112924	AW558348	TC199989	ISRE-binding protein	Mm.4280
152946	151196	AW558410	TC201278	null	Mm.27302
16206	22177	AW558247	TC206150	null	Mm.86150
98038	98276	AW558313	null	null	null
0	0	AW558361	TC191436	2B4	Mm.2299
25643	23612	AW558512	TC176092	null	Mm.30252
3842	4109	AA013571	null	null	null
13726	10230	AA210248	null	null	null
0	0	AA403424	null	null	null
56749	55435	AA403649	null	null	null
31063	36134	AA021792	null	null	null
0	0	AA138835	null	null	null
44065	41713	AA270270	null	null	null
0	0	AI480613	null	null	null
79590	74658	AW557015	TC201733	null	Mm.39038
36427	30537	AW557059	TC164017	null	Mm.35521
32921	43213	AW557130	TC188935	null	Mm.4095
24653	29445	AW557025	TC187727	null	Mm.27388
87008	98388	AW557070	TC203658	null	Mm.28496
6096	7947	AW557145	TC162329	null	Mm.40036
21408	26759	AW557193	null	null	null
22251	28694	null	null	null	null
13538	21711	AW558066	TC192331	null	Mm.23471
118613	152156	AW558136	null	null	null
326931	482276	AW558191	null	null	Mm.103276
87101	100493	AW558021	TC163520	null	Mm.32675
43694	54638	AW558090	TC192589	null	Mm.82640
159597	164063	AW558147	TC160398	epsilon-COP	Mm.28668
25654	25915	AW558201	TC189670	inducible IKappaB kinase	Mm.37672
6008	12815	AW559016	TC201921	null	Mm.5264
26390	27092	AW559077	TC188187	null	Mm.45739
20216	24347	AW559129	null	null	Mm.103304
49399	50605	AW559023	TC188295	null	Mm.100190
0	0	null	null	null	null
51221	50828	AW559139	TC157346	null	Mm.104045
50468	48669	AW557254	null	null	Mm.57057
73336	65917	AW557310	TC188546	null	Mm.13052
20851	25089	AW557403	null	null	null
6703	9991	AW557463	TC193907	null	Mm.103239
111728	151698	AW557263	TC174126	FXR1	Mm.4038
63460	70164	AW557331	TC200975	null	Mm.27477
11249	14276	AW557416	TC161458	null	Mm.22115
19566	15767	AW557480	TC202739	null	Mm.29525
143997	73058	AW558234	TC188040	null	Mm.29742
17124	12646	AW558298	TC163178	null	Mm.23990

50944	69598	AW558351	TC162178	null	Mm.39856
45332	56343	AW558411	TC158974	contains transmembrane (TM) re	Mm.15985
0	0	AW558248	null	null	null
46759	57830	AW558319	TC174517	protein 4.1	Mm.30038
88703	134067	AW558365	TC188389	null	Mm.28818
8149	6717	AW558513	TC184078	null	Mm.103286
19596	26223	AA016913	null	null	null
0	0	AI323605	null	null	null
10598	15567	AA249928	null	null	null
56960	59432	AA426945	null	null	null
34171	37904	AA030139	null	null	null
12774	13630	AI325148	null	null	null
27556	31465	AA271781	null	null	null
33196	28762	AA517162	null	null	null
0	0	AW557019	TC173810	null	Mm.34772
169616	126248	AW557061	TC186392	null	Mm.26838
125327	109134	AW557132	null	null	null
16417	19691	AW557183	TC192534	homolog of the human ataxia te	Mm.5088
168618	148841	AW557028	null	null	null
34230	43548	AW557075	TC188724	null	Mm.2069
142441	144020	AW557146	TC186446	protein phosphatase 1cgamma	Mm.7793
23733	27180	AW557194	null	null	null
59180	84564	AW558010	TC189803	null	Mm.27165
8735	8327	AW558067	TC179275	null	Mm.103270
48924	44285	AW558142	TC162183	null	Mm.34023
190663	171312	AW558197	TC188791	null	Mm.27829
35354	43409	AW558022	TC203670	null	Mm.26600
14750	18221	AW558091	TC175962	null	Mm.78186
132581	138135	null	null	null	null
26238	16233	AW558202	TC157909	synaptonemal complex protein	Mm.21754
41234	42161	null	null	null	null
15697	18403	AW559079	null	null	Mm.103467
22829	30034	AW559130	TC200223	null	Mm.27039
25561	23150	AW559031	TC189855	null	Mm.27650
0	0	AW559089	null	null	Mm.103300
0	0	AW559143	null	null	null
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0	0	AW557311	TC211267	null	Mm.103231
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20198	28582	AW557467	null	null	null
0	0	AW557266	TC200211	null	Mm.6932
0	0	AW557335	TC160377	null	Mm.28848
203551	192675	AW557419	TC187828	null	Mm.41009
193958	218361	AW557481	TC186539	14-3-3 zeta protein	Mm.3360
39235	42209	AW558241	TC187889	null	Mm.13835
223299	322618	AW558301	TC202777	null	Mm.88730
1684574	1645201	AW558352	null	null	Mm.103281
925768	599115	null	null	null	null
0	0	AW558254	TC189519	null	Mm.27325
1376705	1567407	AW558321	TC190739	null	Mm.87513
58960	315079	AW558366	null	null	Mm.103283

71033	107492	AW558514	TC174956	null	Mm.29054
37257	43150	AI426105	null	null	null
91701	184418	AA125302	null	null	null
24807	31785	AA261175	null	null	null
54967	59346	AA423684	null	null	null
90138	138173	AI323333	null	null	null
56272	69660	AA171309	null	null	null
162355	175243	AA270904	null	null	null
202813	338134	AA541835	null	null	null
151614	179200	AW557020	TC174745	null	Mm.24655
248997	267009	AW557063	null	null	Mm.20903
13031	20718	AW557133	null	null	Mm.103287
15167	9355	AW557187	TC184070	null	Mm.103221
165501	207955	AW557029	null	null	null
366947	358160	AW557082	TC158232	sulfated glycoprotein	Mm.3363
250973	211439	AW557148	null	null	null
13777	8628	AW557197	TC202193	ELL	Mm.1552
126144	116753	AW558011	TC201918	null	Mm.21173
32631	32439	AW558070	TC164626	null	Mm.41078
30026	36120	AW558143	TC204127	null	Mm.34745
85385	118721	AW558198	TC200824	endothelial-monocyte activatin	Mm.10507
72198	96405	AW558025	TC161151	NF-YC-like protein	Mm.4748
25016	22718	AW558095	TC163433	null	Mm.74704
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17381	18745	AW558203	null	null	null
43657	47099	AW559020	TC201292	null	Mm.3224
62465	53343	AW559081	TC162634	null	Mm.28827
6858	9070	null	null	null	null
152894	123328	AW559033	TC188381	null	Mm.13080
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14320	9551	AW559145	null	null	null
47141	53406	AW557257	TC161223	nuclear body associated kinase	Mm.27601
184508	286441	AW557317	null	null	Mm.103232
79138	86801	AW557408	TC187176	ufo	Mm.4128
85772	146251	AW557469	TC161088	putative E1-E2 ATPase	Mm.10288
15088	16455	AW557270	null	null	null
835592	576506	AW557336	TC188125	GES30	Mm.6577
177738	146354	AW557421	null	null	Mm.103237
0	0	AW557482	TC158347	nedd-1 protein	Mm.2998
2207403	2380393	AW558242	null	null	Mm.103278
72701	75866	AW558305	TC159976	adenylate kinase isozyme 2	Mm.29460
2303753	2040818	AW558354	null	null	null
435869	415256	AW558418	null	null	null
2490187	2474641	AW558257	TC174409	null	Mm.29233
81215	83091	null	null	null	null
2276653	2524952	AW558368	TC201905	null	Mm.7196
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525698	940402	AA153597	null	null	null
210861	164923	AA267085	null	null	null
64599	61413	AA419842	null	null	null

36418	33025	AA033085	null	null	null
169079	216182	AA174705	null	null	null
66902	72041	AA271795	null	null	null
14802	18109	AA538277	null	null	null
55574	49510	AW557021	null	null	null
0	0	AW557064	null	null	Mm.34194
208610	115971	AW557135	TC175445	xanthine dehydrogenase	Mm.3043
24248	29316	AW557188	null	null	Mm.103222
17506	21450	AW557030	TC165790	null	Mm.103214
68268	66769	AW557086	TC201434	null	Mm.28591
54888	58511	AW557151	TC201827	unnamed protein product	Mm.27160
83741	71707	AW557205	TC201141	null	Mm.41665
38266	48952	null	null	null	null
43425	49766	AW558072	null	null	Mm.103271
31076	33884	AW558144	null	null	null
21441	36133	AW558199	TC202737	null	Mm.27735
13732	18342	AW558027	TC187439	CDK-related protein kinase PNQ	Mm.11513
12979	19660	AW558097	null	null	null
182164	246585	AW558157	null	null	Mm.16820
169666	191323	AW558204	TC187221	null	Mm.28189
13907	14037	AW559021	null	null	null
131001	116280	AW559082	TC189294	null	Mm.27562
42993	48514	AW559132	TC190896	null	Mm.42857
199177	224380	AW559034	null	null	null
74942	99814	AW559096	TC201188	cAMP-regulated phosphoprotein	Mm.39975
85504	111589	AW559146	TC161202	phosphofructokinase-M (connect	Mm.26550
116734	162772	AW557258	TC205900	null	Mm.25227
16798	36461	AW557319	TC187930	mino levulinate synthase	Mm.1217
86235	54017	AW557409	TC170760	null	null
49324	68779	AW557471	TC201140	null	Mm.38832
23844	26542	AW557276	TC175781	null	Mm.10877
0	0	AW557338	TC170762	null	null
15454	12768	AW557422	null	null	null
14456	16813	AW557485	TC174751	null	Mm.45032
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91082	107761	AW558307	TC203185	ubiquitin-conjugating enzyme U	Mm.4429
21118	23183	null	null	null	null
28748	29268	AW558503	TC161566	null	Mm.28778
0	0	AW558259	null	null	null
60759	37511	AW558325	TC159795	null	Mm.34246
7638	12009	AW558369	TC159067	null	Mm.88641
21664	27493	AW558516	TC201679	tumor-rejection antigen SART3	Mm.29594
21810	25257	AA023362	null	null	null
123156	117661	AA154808	null	null	null
15834	21554	AA254565	null	null	null
14135	10909	AA458225	null	null	null
20248	33919	AA014405	null	null	null
11261	9762	AA175426	null	null	null
125143	108164	AA272458	null	null	null
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12971	8388	AW741662	null	null	null

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0	0	BE333520	null	null	null
27549	22809	BE448627	null	null	null
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128583	109851	M86720	null	null	null
495134	423717	AF191028	null	null	null
31623	19782	null	null	null	null
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5985	12627	BE305825	null	null	null
50632	38066	BE304310	null	null	null
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0	0	BE370741	null	null	null
13598	11098	BE307267	null	null	null
10924	14805	BE291989	null	null	null
0	0	BE374560	null	null	null
67924	85872	BE369473	null	null	null
4214	4437	M86720	null	null	null
0	0	AF191028	null	null	null
21919	22987	null	null	null	null
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7215	10805	null	null	null	null
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0	0	null	null	null	null
4921	10476	AW763069	null	null	null
7499	12283	AW825997	null	null	null
10255	11666	BE448207	null	null	null
53101	38329	BE288632	null	null	null
24630	37424	AW909521	null	null	null
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12080	12275	BE689528	null	null	null
9524	9338	BE309726	null	null	null
232858	226045	M86720	null	null	null
488746	460680	AF191028	null	null	null
276224	93595	null	null	null	null
142137	49879	null	null	null	null
11992	16937	null	null	null	null
17850	30939	null	null	null	null
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0	0	null	null	null	null
98110	190132	BE306409	null	null	null
84472	103999	BE291709	null	null	null
9187	14258	BE372479	null	null	null
228083	354570	BE370757	null	null	null

45865	49026	BE308274	null	null	null
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134240	134662	AI839636	null	null	null
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43460	63878	AI835128	TC176664	null	Mm.30612
25836	26736	AI835167	TC187046	kinesin light chain 1	Mm.20354
34729	47707	AI836289	TC157712	EWS	Mm.22691
451093	644729	AI835106	TC200020	elongation factor 1-beta homol	Mm.2718
12324	12486	AI835132	TC164938	null	Mm.31675
60933	60914	AI835178	TC162549	null	Mm.41221
37887	35176	AI836333	TC159856	nitrilase 1	Mm.12915
0	0	AI835693	TC179606	null	null
15267	11717	AI836943	TC159958	Y box transcription factor	Mm.21054
0	0	AI839637	null	null	Mm.44165
35436	32008	AI839647	TC202764	null	Mm.33773
20492	21401	AI836904	TC204657	null	Mm.41815
51140	37429	AI836691	TC175823	null	Mm.36501
90507	160606	AI836712	TC159517	ribosomal protein S24	Mm.16775
0	0	AI839653	TC190056	null	Mm.29633
0	0	AI836856	TC163285	null	Mm.29579
79765	114039	AI836541	TC186373	Mus musculus ribosomal protein	Mm.30806
174112	194520	AI839755	TC175625	null	Mm.31069
9561	15250	AI836572	TC161602	RalGDS-like factor	Mm.43777
0	0	AI836529	TC187364	null	Mm.44244
0	0	AI836550	TC189984	selenocysteine lyase SCLY	Mm.29595
9944	7454	AI836561	TC203215	null	Mm.41159
0	0	AI839842	TC177943	null	Mm.40760
9797	12106	AI841581	TC167135	null	Mm.45553
0	0	AI841715	TC176304	null	Mm.45145
22240	26031	AI838550	TC161102	null	Mm.24646
0	0	AI838518	null	null	null
23563	12891	AI841594	TC204836	null	Mm.40794
0	0	AI834807	TC190269	lymphocyte specific formin rel	Mm.43069
8318	6505	AI838556	TC170631	null	Mm.26647
61856	53005	AI837906	TC186741	semaphorin B	Mm.22061
45259	40666	AI838660	TC189094	null	Mm.26248
64517	81921	AI838700	TC162097	null	Mm.27887
190894	172161	AI839289	TC157609	null	Mm.29923
0	0	AI840123	null	null	Mm.40419
51660	60841	AI838668	null	null	Mm.21417
25838	35296	AI841815	TC160761	cleavage and polyadenylation s	Mm.716
0	0	AI841835	TC174046	matrilin-2 precursor	Mm.3511
7162	8316	AI840132	TC173908	phosphomannomutase Sec53p homo	Mm.18939
163144	122137	AI836589	TC159417	ATP synthase beta-subunit	Mm.17869
0	0	AI836613	TC191761	null	Mm.67029
25626	31458	AI840422	TC175737	null	Mm.41603
17270	23999	AI836622	null	null	Mm.27113
9663	5649	AI836597	TC200517	null	Mm.10178
9292	14230	AI836213	TC188184	null	Mm.41687
0	0	AI836242	TC190043	Trp4	Mm.10100

336129	346457	AI836630	null	null	null
43459	53486	AI837463	null	null	null
0	0	AI837562	null	null	Mm.40755
0	0	AI840082	TC162064	null	Mm.41397
14839	9752	AI839469	null	null	null
12299	9730	AI837488	TC201182	ral-A	Mm.16779
0	0	AI837583	TC161281	null	null
5589	6490	AI840093	TC178417	null	Mm.22866
21826	20037	AI839475	TC161380	OIG37	Mm.9653
10945	19888	AI840166	TC159797	null	Mm.29493
31157	35164	AI841866	TC199982	null	Mm.21289
231600	309837	AI841921	null	null	Mm.40115
48431	55956	AI838939	TC202704	null	Mm.39994
22883	14376	AI840174	TC157384	null	Mm.27700
91002	92767	AI841880	TC162361	null	Mm.41751
118435	101567	AI838908	TC189519	null	Mm.27325
34527	30705	AI838946	TC188829	null	Mm.23821
9781	13465	AI840345	TC174501	null	Mm.5260
304988	432086	AI839739	null	null	Mm.40778
27784	16536	AI839756	TC200301	thioredoxin	Mm.3533
11240	12365	AI836573	TC161130	null	Mm.40302
40396	59840	AI839733	TC186848	inhibitory G protein of adenylyl	Mm.4284
61662	49797	AI839742	TC189053	N system amino acids transport	Mm.30058
44611	49680	AI839759	TC188125	GES30	Mm.6577
20670	11257	AI839844	TC163909	null	Mm.40779
0	0	AI841583	TC189945	null	Mm.41496
47743	41800	AI841719	TC163860	null	Mm.33508
21605	30296	AI838551	TC160774	prostaglandin endoperoxide	Mm.2792
20442	20423	AI838520	TC188378	GTP-binding protein	Mm.41803
0	0	AI841597	TC161700	null	Mm.26958
290722	226127	AI841739	TC201332	null	Mm.29174
11632	14030	AI838557	TC189032	acetylglucosaminyltransferase-	Mm.20872
6622	7994	AI837912	TC205840	neuritized-like protein	null
12775	14974	AI838661	TC161440	null	Mm.31726
65872	66862	AI838701	TC191580	null	Mm.31029
9470	7636	AI839293	TC187106	null	Mm.42949
32334	171836	AI840126	TC159456	stearoyl-CoA desaturase 2	Mm.298
79229	103322	AI838669	TC160423	null	Mm.21667
21456	20136	AI839271	TC186825	null	Mm.21069
380978	218585	AI841837	TC201710	prolidase	Mm.12838
41999	42516	AI840133	TC190895	null	Mm.23911
13099	14174	AI836590	TC189890	null	Mm.520
46011	50979	AI839862	TC188373	null	Mm.40037
29729	31803	AI836880	TC176235	null	Mm.30997
180343	181641	AI836623	TC186440	null	Mm.19060
0	0	AI836599	TC169488	null	Mm.44098
0	0	AI836218	null	null	null
11205	8569	AI836883	TC175237	unnamed protein product	Mm.22637
46902	38359	AI836631	TC160286	Ndr1 related protein Ndr3	Mm.36775
14163	11424	AI837465	TC203876	null	Mm.46606
145316	116580	AI837563	TC160932	null	Mm.28347

22128	30917	AI840083	null	null	Mm.16820
19807	37045	AI838797	TC188273	null	Mm.16976
13520	11111	AI837491	TC206932	null	Mm.40393
37513	31948	AI837584	TC175374	null	Mm.18550
8555	6860	AI840094	TC188042	null	Mm.26463
144098	71370	AI838813	null	null	null
0	0	AI840167	TC187756	null	Mm.27656
0	0	AI841869	TC189079	null	Mm.41767
5448	6623	AI841926	TC177105	Stem cell growth factor	Mm.20428
39153	36875	AI838940	null	null	null
0	0	AI840175	TC161130	null	Mm.40302
8824	12985	AI841881	TC202078	null	Mm.41449
13253	10216	AI838909	TC174727	F-box protein FBX18	Mm.24088
0	0	AI838950	null	null	null
6360	6056	AI836857	TC202479	null	Mm.40762
146025	113624	AI836546	TC157683	voltage dependent anion channe	Mm.569
52714	53557	AI839758	TC176289	null	Mm.28497
156712	140754	AI836574	TC188147	null	Mm.25353
14683	24063	AI836530	TC174812	null	Mm.29429
10929	12181	AI836551	TC200286	coronin-1	Mm.27317
38917	28117	AI836563	TC159795	null	Mm.34246
33651	31303	AI836577	TC188661	null	Mm.28651
12273	17925	AI841584	TC161179	ubiquitin-conjugating enzyme U	Mm.1485
64202	59408	AI841729	TC206070	null	null
20758	27901	AI838552	TC203895	null	Mm.34769
92123	86705	AI837891	TC166047	null	Mm.23604
0	0	AI841598	TC187490	null	Mm.6471
8421	7856	AI838523	TC163650	null	Mm.28298
23903	23763	AI838559	TC161199	null	Mm.3779
10468	18005	AI837915	TC162050	null	Mm.27848
26685	30093	AI838662	TC188230	null	Mm.41860
92616	94154	AI838702	null	null	Mm.28999
105256	102631	AI841830	null	null	Mm.40114
29237	46644	AI840128	null	null	null
103492	130051	AI838671	null	null	null
16354	14147	AI839272	null	null	Mm.39335
0	0	AI839297	TC175803	fibroblast activation protein	Mm.41816
32535	38901	AI840134	TC200038	myristoylated alanine-rich C-k	Mm.28743
11413	11067	AI839852	TC164776	null	Mm.39151
22280	18568	AI836615	TC201251	null	Mm.29802
84596	98342	AI836882	TC173151	cystatin C	Mm.4263
36321	603984	AI836624	TC157596	sulfated glycoprotein-2	Mm.18700
35910	35813	AI839857	TC201552	null	Mm.28400
31192	29216	AI836219	TC186522	null	Mm.30747
0	0	AI840428	null	null	null
69027	61819	AI836632	null	null	Mm.39122
0	0	AI837467	null	null	Mm.30132
0	0	AI837565	TC175462	null	Mm.44239
0	0	AI840085	TC164902	glutamate receptor channel sub	Mm.2879
0	0	AI838798	TC187231	null	Mm.30163
0	0	AI837494	TC192268	null	Mm.39836

76129	69985	AI837586	TC163410	null	Mm.39529
20905	17930	AI840097	TC200074	null	Mm.28423
0	0	AI838815	TC158553	null	Mm.37975
48581	39750	AI840168	TC186956	piL	Mm.26562
42196	75310	AI841870	null	null	null
59227	67337	AI841927	TC187850	null	Mm.22397
5911	5921	AI838941	TC177547	null	Mm.40769
19532	17531	AI840176	TC160575	null	Mm.29253
90825	335368	AI841883	null	null	Mm.39353
136469	135753	AI838911	null	null	null
13768	17726	AI838951	TC173657	null	Mm.22456
104824	69756	AI836859	TC159417	ATP synthase beta-subunit	Mm.17869
0	0	AI839740	TC157934	null	Mm.38421
37352	41265	AI836558	TC187891	null	Mm.26696
5248	3698	AI836575	TC165654	null	Mm.44510
0	0	AI836531	null	null	null
21919	25498	AI836552	TC202003	null	Mm.20559
59802	59004	AI839760	TC160324	mitochondrial carrier homolog	Mm.29650
12789	16925	AI839846	TC203779	null	Mm.40667
30231	37534	AI841585	TC162411	null	Mm.24856
527223	560532	AI841732	TC165575	null	Mm.41628
28809	25127	AI838553	TC204721	null	Mm.208
0	0	AI837894	null	null	null
25749	23935	AI841599	TC187608	LZIP-1 and LZIP-2	Mm.12407
0	0	AI838524	TC187078	calcineurin	Mm.293
0	0	AI838560	TC162683	null	Mm.39999
30189	30070	AI837922	TC186531	null	Mm.2395
17434	20836	AI838663	TC187313	null	Mm.28258
68954	79486	AI838704	TC157795	null	Mm.11223
35026	36745	AI841831	TC200554	type 1 procollagen C-proteinas	Mm.18808
30788	22176	AI840129	TC159856	nitrilase 1	Mm.12915
21547	16369	AI838672	TC201700	null	Mm.46494
0	0	AI839274	null	null	Mm.39784
33655	37045	AI839298	TC175606	cyclin-dependent kinase 5	Mm.4818
235262	252062	AI840135	TC186934	cyclin I	Mm.22711
0	0	AI839854	TC176034	nonclathrin coat protein zeta2	Mm.22144
20245	23525	AI836616	TC161521	null	Mm.21458
45322	47177	AI840425	null	null	null
20506	25529	AI836625	TC158387	null	Mm.22440
8980	10684	AI836600	TC160614	D9 splice variant 3	Mm.1973
10154	9798	AI836220	TC188912	null	Mm.38495
55163	67557	AI840429	TC189588	null	Mm.26500
10347	11328	AI836635	null	null	Mm.39768
4538	7075	AI837469	TC202415	null	Mm.22094
7590	12034	AI837573	TC188747	null	Mm.4532
12673	18063	AI840088	TC187177	30-kDa subunit of replication	Mm.2870
18939	16060	AI838800	TC161595	Ariadne protein (ARI)	Mm.27783
0	0	AI837496	null	null	Mm.39776
36277	39484	AI837587	null	null	null
35359	29020	AI840098	TC160661	null	Mm.43482
9918	14496	AI838816	TC178791	null	Mm.40069

16187	22461	AI840169	null	null	Mm.39553
0	0	AI841874	TC207879	null	Mm.40649
45881	63213	AI841928	TC202918	null	Mm.21284
16480	21395	AI838942	null	null	Mm.39141
106456	175213	AI840178	TC174136	cathepsin H	Mm.2277
14179	16688	AI841884	TC159962	null	Mm.33808
87005	147754	AI838913	TC173398	synexin	Mm.20794
102336	115371	AI838954	TC159490	cadherin associated protein	Mm.18962
0	0	AI836860	TC191499	null	Mm.40059
16335	13671	AI839741	TC176117	null	Mm.27814
16193	27188	AI836559	TC157863	synaptotagmin XI	Mm.2632
8615	15719	AI839841	TC187165	null	Mm.23329
104379	119429	AI836532	TC186833	cysteine rich protein 1	Mm.10919
0	0	AI836553	TC201169	null	Mm.40715
148249	68879	AI839796	TC186933	creatine kinase (28AA)	Mm.16831
14362	7997	AI836578	TC182865	null	null
26849	27500	AI841587	null	null	null
53777	61309	AI841737	TC186711	coat protein gamma-cop	Mm.26422
163036	150873	AI838554	TC160692	null	Mm.29737
82649	68512	AI837903	TC160099	null	Mm.27886
6886	6518	AI841603	TC188575	null	Mm.39495
217893	209221	AI838525	null	null	null
78549	41612	AI838486	TC187488	heat shock protein 105 kDa bet	Mm.1322
0	0	AI837926	null	null	Mm.42500
21554	23085	AI838665	null	null	Mm.41873
62454	59889	AI838705	TC187090	nucleobindin	Mm.2283
151194	199353	AI839296	TC186556	null	Mm.29057
101079	106386	AI840130	TC160862	null	Mm.21586
83075	45655	AI838675	TC174788	null	Mm.21184
29453	61120	AI839275	TC200181	basement membrane collagen alp	Mm.738
0	0	AI841840	TC161878	lysyl oxidase-2	Mm.21049
0	0	AI840136	TC157622	proline-rich protein	Mm.28797
9407	11189	AI836596	TC203654	null	Mm.29639
24293	30309	AI836617	TC204864	null	null
6035	12708	AI836240	TC179067	null	null
55231	57752	AI836627	null	null	Mm.39519
19860	17175	AI836601	TC160590	null	Mm.27841
9792	14987	AI836221	TC190324	RING finger protein HAC1	Mm.29290
48038	46201	AI840430	TC200780	null	Mm.9257
23987	34649	AI836636	TC202317	X-linked PEST-containing trans	Mm.5045
0	0	AI837474	TC191954	null	null
0	0	AI837574	TC191470	null	null
66272	97141	AI840089	TC159865	X16	Mm.6787
29990	38495	AI838805	TC200794	null	null
0	0	AI837498	null	null	Mm.34664
204879	222602	AI837588	TC189278	null	Mm.27176
53991	62277	AI840100	TC173256	null	Mm.21207
27219	29611	AI839477	TC173341	RNA-binding protein alpha-CP1	Mm.29089
18755	16673	AI840172	TC163123	null	Mm.9986
0	0	AI841875	TC204592	null	Mm.32599
15375	16752	AI841931	TC202412	null	Mm.35466

5882	10823	AI838944	TC203348	Duffy glycoprotein	Mm.6393
0	0	AI840181	TC162709	null	Mm.29442
16399	31199	AI841886	TC173053	pro-alpha-2(I) collagen	Mm.4482
10128	5616	AI838914	TC188546	null	Mm.13052
23603	19626	AI838955	TC201858	null	Mm.29620
0	0	AI840347	null	null	Mm.40422
0	0	AI836548	TC160759	null	Mm.29852
228144	120352	AI836560	TC160170	transcobalmin II	Mm.20948
10592	7996	AI836576	TC186918	prion protein PrP27-30	Mm.648
0	0	AI839735	TC187757	null	Mm.37751
0	0	AI839744	TC160912	Gas1 protein	Mm.22701
45976	47360	AI839797	null	null	Mm.42644
17928	34637	AI836579	null	null	Mm.39766
0	0	AI841591	TC173146	multiple inositol polyphosphat	Mm.43580
18259	20416	AI841738	TC163254	null	Mm.39808
0	0	AI838555	null	null	null
0	0	AI837905	null	null	Mm.4784
0	0	AI841606	TC202054	null	Mm.1947
0	0	AI838527	TC187188	null	Mm.24831
23689	44122	AI838487	TC161576	annexin III	Mm.7214
0	0	AI837932	TC163179	null	Mm.41483
35874	35264	AI838666	TC176393	null	Mm.24529
34152	33408	AI838707	null	null	Mm.39780
315961	561996	AI841834	TC157604	M-TAXREB107	Mm.588
79939	59957	AI840131	TC177691	null	Mm.41026
77171	94364	AI838676	TC200401	zeta proteasome chain; PSMA5	Mm.2287
0	0	AI839277	TC191018	stress-activated protein kinas	Mm.38343
65727	75991	AI839299	TC160321	acinusS'	Mm.30236
0	0	AI840141	TC189965	null	Mm.41888
0	0	AI839855	null	null	Mm.39790
215259	317570	AI836618	TC199928	5S ribosomal protein	Mm.5291
39128	40587	AI836241	null	null	Mm.10727
44526	48083	AI836628	TC187628	null	Mm.28063
9139	9430	AI839858	TC177688	syntrophin-associated serine-t	Mm.23721
127559	90790	AI836222	TC188562	vesicle trafficking protein se	Mm.33128
17110	20098	AI836887	TC158447	null	Mm.22145
16568	14146	AI836637	TC176281	null	Mm.40773
9694	17682	AI837483	TC202573	null	Mm.25322
62993	60876	AI837581	null	null	null
0	0	AI840092	TC174447	stat-like protein	Mm.38469
28790	39724	AI838809	null	null	null
0	0	AI837503	TC187889	null	Mm.13835
0	0	AI837590	TC204870	null	Mm.40756
0	0	AI840103	TC162671	null	Mm.38058
23766	23329	AI839478	null	null	Mm.40087
17088	17446	AI840173	TC187332	null	Mm.33926
152738	557294	AI841876	null	null	Mm.2329
59168	90358	AI841933	TC186421	TGF-beta receptor binding prot	Mm.18921
11768	12302	AI838945	null	null	null
35764	53431	AI840182	TC159924	retinoblastoma-binding protein	Mm.1603
0	0	AI841889	TC188824	mouse a1(XI) collagen chain	Mm.5017

30150	34667	AI838915	TC187118	null	Mm.23825
7740	16200	AI838956	TC162493	null	Mm.38783
12165	10236	AI839345	TC178783	null	Mm.40790
0	0	AI838844	TC162462	Ly-6/neurotoxin homolog	Mm.35270
179829	185536	AI838907	null	null	Mm.39140
0	0	AI841797	TC202046	vacuolar proton-translocating	Mm.34480
0	0	AI839352	TC161684	null	Mm.12184
7059	7882	AI838857	TC189702	ecto-ATPase	Mm.31308
0	0	AI841752	TC163837	null	null
54308	56470	AI841806	TC174426	adenylosuccinate synthetase	Mm.6317
0	0	AI840405	null	null	null
8123	7717	AI839908	TC157925	null	Mm.36545
0	0	AI841419	TC201514	calmodulin-binding protein	Mm.1222
0	0	AI841477	TC201585	neurochondrin-2	Mm.43445
25150	32149	AI839874	TC162649	carbonic anhydrase-related pol	Mm.40711
0	0	AI839920	TC175808	null	Mm.41440
15311	21610	AI841433	TC199965	null	Mm.24600
415911	243470	AI841487	TC177157	null	Mm.14189
137088	116563	AI839062	null	null	null
0	0	AI837685	TC192878	FMR2 protein	Mm.8031
67943	58715	AI837740	TC201641	null	Mm.30869
0	0	AI840978	TC202223	null	Mm.41067
135665	147395	AI839071	TC188405	null	Mm.46557
0	0	AI837696	TC200479	protein 4.1G	Mm.37941
0	0	AI840935	TC204275	null	Mm.22998
0	0	AI841037	TC157961	null	Mm.24075
31287	30848	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
11471	4693	AI839499	TC203275	rho7	Mm.33801
40230	41679	AI839535	TC181593	null	Mm.40415
8623	7400	AI839442	null	null	Mm.39788
120091	102841	AI839017	TC174365	null	Mm.30041
41249	36613	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
18352	18926	AI839548	null	null	Mm.40089
9246	12952	AI839455	null	null	null
0	0	AI841532	null	null	Mm.39162
78050	89968	AI841116	TC200075	putative TSA, thiol specific a	Mm.42948
116338	121781	AI842007	TC157882	null	Mm.30062
289152	160485	AI840814	TC200680	null	Mm.27718
0	0	AI841078	null	null	Mm.39351
35752	31737	AI841124	TC188023	null	Mm.29571
50766	48956	AI842025	TC162077	null	Mm.39811
19538	21925	AI840829	TC165717	null	Mm.45058
30891	31852	AI837768	TC163745	null	Mm.40992
32945	38962	AI837821	TC174993	null	Mm.29183
108153	94730	AI840929	null	null	null
34664	14819	AI840773	TC200899	null	Mm.28285
9623	14347	AI837774	TC200995	null	Mm.28144
66986	72517	AI840878	TC186528	null	Mm.27401
30238	52698	AI840738	TC174896	platelet-derived growth factor	Mm.2924
37131	29692	AI840790	null	null	null
18235	23320	AI839346	TC202569	null	Mm.26627

1076730	952868	AI838847	null	null	null
7927	12087	AI841742	TC176135	homology to nucleosome assembl	Mm.1441
3888	9666	AI841798	TC159424	tissue inhibitor of metallopro	Mm.4871
10709	18773	AI839353	TC186742	intracellular chloride channel	Mm.22409
13946	14155	AI838861	TC190502	null	Mm.41399
34843	54845	AI841753	TC205593	null	Mm.33558
30236	33276	AI841809	TC160142	Smt3A protein	Mm.24433
363623	322532	AI840407	null	null	Mm.39555
80974	79668	AI839909	null	null	null
123670	112006	AI841424	null	null	null
11276	9887	AI841478	null	null	null
140278	131018	AI839875	null	null	null
34650	38399	AI839924	TC181197	null	Mm.44108
22182	23612	AI841437	TC210084	null	Mm.41828
10992	11838	AI841490	TC162575	sulfonylurea receptor-1	Mm.20868
18579	18577	AI839063	TC162676	null	Mm.40355
12288	20708	AI837687	TC158492	null	Mm.27536
247742	355712	AI837745	TC200445	telomerase binding protein p23	Mm.22421
108429	74202	AI840979	TC160256	succinyl-CoA synthetase	Mm.29845
57070	60172	AI839072	null	null	null
221781	219780	AI837697	TC187278	magnesium dependent protein ph	Mm.3766
103671	150820	AI840938	TC160561	null	Mm.21859
12568	19661	AI841038	TC203381	null	Mm.41000
23539	38158	AI839009	TC200046	null	Mm.29902
64838	57259	AI839501	TC169526	null	null
6395	10815	AI839536	TC161141	null	Mm.14992
403285	447614	AI839445	null	null	null
0	0	AI839023	null	null	null
16622	16505	AI839512	TC174366	mitochondrial inner membrane t	Mm.2368
8565	10284	AI839550	TC188066	null	Mm.40726
0	0	AI839461	TC165325	null	null
200372	200188	AI841534	null	null	Mm.39564
21674	29979	AI841117	TC162048	null	Mm.41673
71571	70487	AI842011	TC175909	null	Mm.29219
30462	36846	AI840815	TC162001	null	Mm.25269
0	0	AI841082	TC202340	erythroid ankyrin	Mm.4789
12232	10414	AI841125	null	null	Mm.17446
53347	56126	AI842029	TC202127	null	Mm.28537
56920	59064	AI840831	null	null	null
14745	15053	AI837769	TC200208	keratinocyte growth factor rec	Mm.16340
46661	73985	AI837822	TC158866	ribosomal protein L37a	Mm.21529
92939	106068	AI840724	null	null	null
0	0	AI840776	null	null	null
0	0	AI837781	null	null	null
0	0	AI840880	null	null	null
0	0	AI840740	null	null	null
8467	5149	AI841046	TC189796	mGLT-1A	Mm.2861
34224	35133	AI839347	TC161154	null	Mm.28760
7319	8678	AI838848	TC187361	null	Mm.29412
97300	61527	AI841743	TC160039	nonclathrin coat protein zeta-	Mm.29473
44178	42487	AI841801	TC160828	tumor susceptibility protein T	Mm.22688

0	0	AI839355	TC200382	PCTAIRE-1 protein kinase	Mm.4597
9843	2726	AI838864	null	null	Mm.40768
15150	25934	AI841755	TC158998	RHOB	Mm.687
0	0	AI841810	TC201124	ornithine decarboxylase antizy	Mm.675
1044909	806870	AI840409	TC196395	null	Mm.40101
22437	24975	AI839911	TC173715	tetracycline transporter-like	Mm.3792
86780	72240	AI841426	TC174505	null	Mm.29829
2247902	1668512	AI841479	TC188425	null	Mm.29096
0	0	AI839876	TC203627	null	Mm.28376
35557	40188	AI839925	TC201961	null	Mm.21474
0	0	AI841439	null	null	null
0	0	AI841492	TC207033	null	Mm.44110
16237	17583	AI839064	null	null	null
0	0	AI837688	TC175181	null	Mm.18311
44134	42023	AI840930	null	null	null
23715	22103	AI840980	TC164006	null	Mm.29320
52404	51173	AI839079	TC188245	nervous system-specific RNA bi	Mm.3823
279042	282041	AI837699	null	null	null
54700	60399	AI840941	TC201742	null	Mm.27561
747140	553229	AI841041	TC161668	null	Mm.10717
9337	8587	AI839010	null	null	Mm.40407
59090	68088	AI839503	TC187977	null	Mm.24575
33614	41232	AI839539	TC202591	null	Mm.35843
68997	82027	AI839447	TC158458	null	Mm.38248
0	0	AI839025	null	null	Mm.25311
7841	12358	AI839513	TC188453	ES2 protein	Mm.10094
9290	9510	AI839384	TC166005	null	Mm.23307
0	0	AI839665	TC201110	H5	Mm.2214
11728	11247	AI841535	TC189014	null	Mm.34047
24046	24276	AI841118	null	null	Mm.36865
39499	41927	AI842014	TC190872	null	Mm.29950
7917	11376	AI840823	null	null	null
81073	150814	AI841084	TC160985	null	Mm.28870
8844	8070	AI841128	TC205174	null	Mm.41564
5073	3463	AI842033	null	null	null
228225	250834	AI840835	null	null	Mm.39797
48431	61803	AI837780	TC159811	thioredoxin-related protein	Mm.19169
4491	8266	AI840869	TC186465	null	Mm.21840
7068	7431	AI840731	TC202701	null	Mm.41897
119343	117868	AI840781	TC192292	null	Mm.40685
162943	161912	AI837783	null	null	null
41430	39898	AI840884	TC187707	null	Mm.29741
109264	103079	AI840741	null	null	null
39695	44701	AI841048	TC199989	ISRE-binding protein	Mm.4280
0	0	AI839348	TC177027	null	Mm.11582
9675	15859	AI838850	TC161171	null	Mm.28703
51793	56090	AI841746	TC157675	spindlin	Mm.42193
33799	33997	AI841802	TC157633	Seryl-RS	Mm.28688
4507	5392	AI839356	null	null	Mm.39338
101444	98609	AI838866	null	null	Mm.39329
6503	10779	AI841757	TC157564	null	Mm.32198

114352	85658	AI841811	TC175199	DXImx39e protein	Mm.29596
8968	9469	AI839865	TC175416	precursor polypeptide (AA -17	Mm.4915
18911	31414	AI839913	TC201591	MAL	Mm.39040
113871	137666	AI841427	TC161846	null	Mm.12193
76953	54325	AI841480	TC190889	null	Mm.24524
132082	103432	AI839881	TC157231	ENO2	Mm.3913
92583	99998	AI839929	TC210076	null	Mm.44623
56897	58115	AI841440	TC161566	null	Mm.28778
32622	27018	AI841494	TC189132	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.36174
85733	117327	AI839067	TC187158	hypothetical protein A	Mm.3752
94722	78324	AI837689	null	null	Mm.34775
73814	100369	AI840931	TC200138	FK506-binding protein	Mm.27941
60498	63775	AI840993	TC175233	null	Mm.23814
20670	18924	AI839082	TC190260	null	Mm.2775
67822	61577	AI837701	TC175896	null	Mm.29360
17284	16061	AI840943	TC203432	null	Mm.41882
16262	15688	AI837747	TC175247	null	Mm.34169
0	0	AI839014	TC202701	null	Mm.41897
105079	88697	AI839506	TC161329	Sac1 protein	Mm.45214
50442	52475	AI839541	null	null	Mm.40088
21114	22445	AI839448	null	null	null
13955	13950	AI839027	TC175698	null	Mm.34914
0	0	AI839515	TC174201	null	Mm.23686
8848	12046	AI839386	TC169563	null	Mm.32723
7908	9460	AI839681	TC187798	null	Mm.29795
73841	73788	AI841536	null	null	null
25122	27242	AI841121	null	null	null
22862	23644	AI842020	TC159430	myelin basic protein	Mm.2992
5815	4589	AI840824	TC205325	null	Mm.5209
16805	34074	AI841088	TC202020	null	Mm.28895
0	0	AI841134	null	null	null
0	0	AI842035	null	null	Mm.40800
53347	46825	AI840836	TC159762	G protein beta subunit like	Mm.29453
25979	22716	AI837771	TC161039	null	Mm.27831
231307	272034	AI840873	TC157727	kinesin heavy chain	Mm.2632
75041	58663	AI840732	null	null	null
185623	201810	AI840782	null	null	null
73224	66062	AI837786	TC163616	null	Mm.24385
39347	41286	AI840889	TC160977	vacuolar adenosine triphosphat	Mm.20476
80941	94184	AI840742	TC189531	null	null
14645	14905	AI841051	null	null	null
17231	12931	AI839349	TC160426	null	Mm.22086
66736	115705	AI838852	TC160312	null	Mm.28291
19038	17220	AI841750	TC162817	null	Mm.41829
1283171	1096237	AI841804	TC158242	nucleoside diphosphate kinase	Mm.1260
72584	61219	AI839360	TC187231	null	Mm.30163
168704	88963	AI838867	TC200060	malate dehydrogenase	Mm.3156
6513	8492	AI841759	TC159935	matrin3	Mm.69078
40279	41130	AI841812	TC173945	null	Mm.27272
30577	47038	AI839869	TC160420	contains transmembrane (TM) re	Mm.29870
194520	307524	AI839914	TC199942	null	Mm.3428

1183464	1016409	AI841431	null	null	Mm.40113
81849	107390	AI841481	TC158500	null	Mm.32508
41022	45648	AI839882	TC201137	null	Mm.21911
190134	183252	AI839932	TC158172	heat shock-like protein	Mm.1843
0	0	AI841445	null	null	Mm.37811
14882	24344	AI841498	TC160111	C10	Mm.22195
0	0	AI839068	TC186931	null	Mm.3774
0	0	AI837690	TC205691	double-stranded RNA specific a	null
74295	75213	AI840932	TC186948	cornichon	Mm.3261
80659	102825	AI841031	TC160341	null	Mm.29865
19277	22574	AI839083	TC175433	pseudouridine synthase 1	Mm.23653
66131	65023	AI837705	TC200126	p59 immunophilin	Mm.12758
23645	26043	AI840945	null	null	Mm.2632
143817	119480	AI837748	TC159135	null	Mm.21569
42879	40283	AI834850	TC160394	AES-2 protein	Mm.2626
31191	33528	AI839508	TC202845	null	Mm.41269
10771	12229	AI839542	TC201546	null	Mm.34798
108704	108383	AI839452	null	null	null
42459	60644	AI834852	TC199923	ribosomal protein S19	Mm.22103
823711	606374	AI839516	null	null	null
57168	68778	AI839392	TC200405	null	Mm.24174
26781	32141	AI839689	TC161389	unnamed protein product	Mm.28911
0	0	AI841073	null	null	Mm.39802
33219	38653	AI841122	null	null	Mm.39804
95934	127165	AI842022	TC173153	PR65	Mm.1034
13373	15478	AI840826	TC201108	null	Mm.38488
5977	10914	AI841090	TC157918	alpha 2,3 sialyltransferase	Mm.38248
8404	8244	AI841135	TC188684	null	Mm.28646
63076	61014	AI842038	TC162031	null	Mm.29587
17445	9658	AI840839	null	null	null
7933	9496	AI837772	TC176930	null	Mm.39474
11890	11826	AI840874	TC205610	null	Mm.41321
8690	7649	AI840734	null	null	null
181904	204191	AI840786	TC160657	SKD3	Mm.3990
0	0	AI837791	TC202002	imogen 44	Mm.1841
4856	6543	AI840891	null	null	Mm.51150
5585	4874	AI840744	TC200408	protein co-factor	Mm.27842
63473	54594	AI841059	TC174876	cyclin C protein	Mm.4300
0	0	AI839351	TC205209	null	Mm.39787
33038	35566	AI838853	TC157865	ubiquitin C-terminal hydrolase	Mm.47405
61871	66365	AI841751	TC174878	tetraspanin Tspan-5	Mm.31927
9456	10775	AI841805	TC189044	null	Mm.35841
7085	9793	AI839362	TC200982	null	Mm.7261
10574	8797	AI838870	TC174709	null	Mm.5265
0	0	AI841763	null	null	Mm.37811
11272	9610	AI838987	TC190403	null	Mm.40298
16554	18933	AI839870	null	null	null
0	0	AI839919	null	null	null
0	0	AI841432	TC159913	null	Mm.27429
18883	20170	AI841484	TC160486	unnamed protein product	Mm.5166
13422	11640	AI839884	TC175587	null	Mm.27233

20676	25876	AI839934	TC193605	null	Mm.40417
134199	135273	AI841447	null	null	Mm.40791
36859	41232	AI841499	TC161522	Bodenin	Mm.29258
0	0	AI839069	TC210035	null	Mm.39332
61658	66542	AI837694	TC174374	NG26	Mm.43745
55602	55691	AI840933	null	null	Mm.39801
35754	46246	AI841034	TC200398	UBE-1c2	Mm.42795
37196	44704	AI839084	TC169484	null	Mm.39542
57705	53578	AI837706	TC165274	null	Mm.35041
45670	62576	AI840949	TC160117	argininosuccinate synthetase (Mm.3217
0	0	AI837749	TC161788	null	Mm.40070
65248	65110	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
34918	40848	AI839509	TC188049	Dcra	Mm.7472
31557	81734	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
10475	11011	AI839453	TC165868	null	Mm.40314
23864	25168	AI834854	null	null	Mm.39104
8075	13682	AI839517	TC161124	null	Mm.34711
19037	19798	AI839394	TC177986	null	Mm.32422
32406	36138	AI839690	TC157760	null	Mm.25034
52034	69625	AI841075	TC200284	null	Mm.29868
17075	13591	AI841123	TC188158	null	Mm.34525
0	0	AI842024	TC210063	null	Mm.39567
35329	35954	AI840828	TC201495	unknown	Mm.32548
7496	5846	AI841091	TC188493	null	Mm.61318
0	0	AI841136	TC192305	null	Mm.40340
13213	13813	AI842039	TC206350	null	Mm.41676
21832	27378	AI840840	TC173671	null	Mm.29714
0	0	AI837773	TC189298	metallopeptidase	Mm.44420
59727	90042	AI840876	TC159924	retinoblastoma-binding protein	Mm.1603
418724	646450	AI840736	null	null	null
90804	89086	AI840788	null	null	Mm.40428
69755	89350	AI837793	TC200720	null	Mm.29965
17254	16233	AI840892	TC187271	null	Mm.11112
79577	84546	AI840745	TC200362	ablphilin-1	Mm.695
39141	38168	AI841061	TC162440	null	Mm.41786
66506	65039	AI841245	TC177207	null	Mm.40485
455455	378137	AI841290	null	null	null
37825	52143	AI841333	null	null	null
14659	20194	AI841365	TC159928	null	Mm.22514
40792	40218	AI841264	TC163373	alpha-endosulfine	Mm.30611
68102	123109	AI841296	TC160893	proteolipid protein 2	Mm.18565
289180	193408	AI841340	TC160000	null	Mm.22227
23401	27050	AI841373	TC157785	latexin	Mm.2632
26333	20451	AI842661	TC175146	null	Mm.29948
0	0	AI846433	TC190534	null	Mm.41016
4903	6651	AI846570	TC203315	null	Mm.38295
13762	16348	AI846608	TC157665	tctex-1 protein	Mm.1948
4277	6423	AI846402	null	null	Mm.40484
24189	32120	AI846446	TC194253	neurocan	Mm.4778
8084	9250	AI846580	TC157950	null	Mm.37602
13505	17021	AI846615	TC188978	null	Mm.22379

0	0	AI842931	TC196294	null	Mm.40810
63576	65716	AI842966	TC200467	null	Mm.29773
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26597	22660	AI843629	TC173207	guanine nucleotide dissociatio	Mm.5236
0	0	AI842939	TC190621	tryptophan hydroxylase	Mm.4421
13082	20925	AI842979	TC189359	unnamed protein product	Mm.23158
40143	40245	AI843564	null	null	Mm.27415
21664	18289	AI843644	TC157238	null	Mm.36685
48912	43895	AI845561	null	null	null
30917	21542	AI845602	TC187924	PDGF receptor precursor	Mm.4146
34603	33492	AI845643	TC186405	null	Mm.10009
6652	2761	AI845695	TC190754	null	Mm.39480
26555	23789	AI845572	TC182777	null	Mm.39380
82953	84873	AI845611	TC203032	null	Mm.30734
0	0	AI845663	TC167632	null	null
22928	22473	AI845699	TC161277	protein tyrosine phosphatase P	Mm.4220
182218	192730	AI846640	TC200721	null	Mm.34103
0	0	AI845842	TC170012	null	Mm.40474
40590	57729	AI845875	TC200821	mitochondrial outer membrane p	Mm.20843
0	0	AI843515	TC175143	ESG protein	Mm.24255
16565	22542	AI845815	TC175049	null	Mm.18228
57980	71700	AI845854	TC186685	null	Mm.29916
136493	167334	AI845883	TC200445	telomerase binding protein p23	Mm.22421
31631	38858	AI843526	TC159678	cyclin ania-6a	Mm.5293
74087	92196	AI842687	TC178489	null	Mm.45211
22901	25702	AI842742	TC200039	neuroendocrine secretory prote	Mm.17446
46804	34670	AI847180	null	null	Mm.40853
106858	153766	AI843034	null	null	null
0	0	AI842702	null	null	null
48892	50409	AI847139	TC161319	null	Mm.23566
0	0	AI847189	TC177983	170 kDa glucose regulated prot	null
12136	16615	AI843052	TC175926	null	Mm.37837
103270	132436	AI841246	TC187123	eIF3 p66	Mm.3955
287163	514404	AI841291	null	null	Mm.40111
218797	404227	AI841334	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
20663	29734	AI841367	TC201798	null	Mm.28978
29339	26126	AI841256	null	null	null
7304	5274	AI841298	TC187639	null	Mm.23671
273652	281130	AI841344	TC158172	heat shock-like protein	Mm.1843
30116	32352	AI841374	TC201357	null	Mm.8356
13228	17737	AI842662	TC207127	null	Mm.39821
3860	5621	AI846434	null	null	Mm.28013
33994	28944	AI846572	TC187465	null	Mm.37516
99391	143879	AI846609	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
9824	14158	AI846404	TC161124	null	Mm.41531
0	0	AI846447	null	null	null
54704	69689	AI846582	TC187038	Sm-D autoantigen	Mm.603
60344	47922	AI846617	TC164244	null	Mm.45775
0	0	AI842933	TC162713	null	Mm.36753
26809	37402	AI842967	TC186433	null	Mm.27074
186579	151544	AI843553	TC158844	immunoglobulin heavy chain-bin	Mm.918

26990	22933	AI843631	TC161682	DNA helicase	Mm.3674
24356	24010	AI842940	TC203909	null	Mm.22370
30779	39554	AI842980	TC158956	myeloid associated differentia	Mm.29874
97328	108166	AI843565	TC200088	CCT (chaperonin containing TCP	Mm.6821
26344	28149	AI843645	TC176955	null	Mm.28448
64826	65116	AI845564	TC189570	null	Mm.6128
25227	34433	AI845605	TC204339	null	Mm.36081
6162	12813	AI845650	TC189428	null	Mm.32011
74698	102882	AI845686	null	null	Mm.39382
16346	17419	AI845573	TC190107	null	Mm.30095
0	0	AI845612	TC174512	F41	Mm.21673
0	0	AI845664	TC174429	null	Mm.21070
37348	37658	AI845700	null	null	Mm.39847
62973	44510	AI845803	TC175912	null	null
47831	49836	AI845844	TC175891	null	Mm.23222
9569	13207	AI845876	TC192950	null	Mm.40163
77898	112813	AI843517	TC186505	null	Mm.21802
8117	8982	AI845817	TC179651	homeodomain protein	Mm.8008
25122	26392	AI845855	TC187163	zinc finger protein 289	Mm.43636
92013	94310	AI845884	TC175056	null	Mm.27683
15759	19576	AI843529	null	null	Mm.39572
55884	53287	AI842688	TC173675	null	Mm.29580
24873	29150	AI847127	TC160041	null	Mm.44123
13702	14061	AI847181	TC166337	null	Mm.39200
28125	55748	AI843035	TC189794	null	Mm.2861
115287	153900	AI842703	TC173058	alpha-1 type-III collagen prec	Mm.4271
5844	9484	AI847140	TC188706	null	Mm.31527
16760	17711	AI847197	TC161407	PalBH	Mm.24778
17511	11763	AI843055	TC157850	null	Mm.24876
71319	75074	AI841247	TC162488	null	Mm.41711
455726	815340	AI841292	TC158974	contains transmembrane (TM) re	Mm.15985
392716	443184	AI841335	null	null	null
587334	477754	AI841368	null	null	null
19406	19819	AI841257	TC163002	null	Mm.41924
13076	11563	AI841302	TC206902	null	null
228703	241410	AI841345	TC160219	14-3-3 eta protein	Mm.3308
6229	8903	AI841375	TC189477	null	Mm.27265
30955	32503	AI842663	TC164349	null	Mm.40293
40863	46926	AI846435	TC202302	ecotropic viral integration si	Mm.24020
8677	6256	AI846573	TC162803	beta-B1 crystallin	Mm.29488
18929	10481	AI846611	TC204518	null	Mm.45218
0	0	AI846405	TC169447	null	Mm.25777
88131	93021	AI846449	null	null	null
27053	29923	AI846584	TC201009	COP9 complex subunit 3	Mm.40
0	0	AI846619	TC174767	calmodulin dependent phosphata	Mm.8302
13619	10954	AI842934	TC200280	dystroglycan	Mm.7524
39059	48947	AI842968	TC161684	null	Mm.12184
0	0	AI843554	TC201491	coilin p80	Mm.29736
15145	21554	AI843635	TC176695	tescalcin	Mm.26378
15058	18411	AI842941	TC187954	null	Mm.2822
23391	28957	AI842981	TC188367	null	Mm.33970

0	0	AI843566	TC202578	nuclear factor kappa B subunit	Mm.20225
26944	33011	AI843646	TC158364	Rab11b	Mm.35727
7270	10926	AI845566	null	null	Mm.39594
6488	5675	AI845606	TC189502	null	Mm.35302
104961	120606	AI845651	null	null	null
359639	518077	AI845688	TC159775	null	Mm.2795
6193	2941	AI845574	TC207561	null	Mm.41830
0	0	AI845613	TC188406	null	Mm.24543
40623	42941	AI845665	null	null	null
49140	46845	AI845702	TC163746	transcription repressor Ring1A	Mm.20343
4450	7449	AI845807	TC203010	null	Mm.27540
0	0	AI845846	null	null	null
12966	16363	AI845877	TC174555	null	Mm.27259
0	0	AI843519	TC204692	null	Mm.23434
5371	3629	AI845818	TC189238	null	Mm.44180
19240	16837	AI845857	TC167906	null	null
22510	34826	AI845885	TC201159	KIAA312p	Mm.27372
28970	27814	AI843530	null	null	null
0	0	AI842693	null	null	Mm.40807
5174	11386	AI847129	TC188343	11-beta-hydroxysteroid dehydro	Mm.28328
7604	11574	AI847192	TC174408	Hox-7 protein	Mm.870
7992	8354	AI843036	TC202658	null	Mm.49259
44319	54740	AI842707	null	null	Mm.40808
28925	41015	AI847142	TC174468	null	Mm.7361
99701	88797	AI842989	TC174637	null	Mm.2053
8259	16138	AI843056	TC164923	Cegp1 protein	Mm.40447
12320	13508	AI841249	TC202102	null	Mm.58554
355431	262074	AI841293	TC158323	null	Mm.2632
25416	31653	AI841336	TC207163	null	Mm.40705
195838	203367	AI841370	null	null	null
757855	560199	AI841258	null	null	null
22193	25125	AI841303	TC201514	calmodulin-binding protein	Mm.1222
638192	377589	AI841346	TC173392	glutathione transferase (EC 2.	Mm.2011
41367	33014	AI841376	TC188047	protein phosphatase 5; PP5	Mm.3294
59854	160772	AI846398	TC158257	null	Mm.27846
24448	26871	AI846437	TC163457	null	Mm.20883
81399	64784	AI846576	TC174135	null	Mm.2033
9445	9940	AI846612	TC201355	null	Mm.5293
20759	25443	AI846406	TC200041	null	Mm.44906
10623	14806	AI846451	TC200864	null	Mm.41116
13260	15231	AI846587	TC201433	KAP3A	Mm.4651
0	0	AI846620	TC206869	null	Mm.44116
0	0	AI842935	null	null	null
17356	20592	AI842974	TC203484	null	Mm.16963
65936	74988	AI843557	null	null	null
22586	27696	AI843638	TC161179	ubiquitin-conjugating enzyme U	Mm.1485
90759	77423	AI842942	TC164659	null	Mm.33537
23211	31989	AI842983	null	null	null
23105	29032	AI843568	null	null	null
22577	31517	AI843647	null	null	Mm.41430
75293	80520	AI845567	TC160551	copper transport protein Atox1	Mm.9703

26080	23409	AI845607	TC187552	null	Mm.27243
20905	17793	AI845655	TC176520	null	Mm.41581
0	0	AI845689	TC173302	P2B/LAMP-1	Mm.16716
0	0	AI845575	TC210012	null	null
9856	11034	AI845617	TC162121	null	Mm.18783
51597	57365	AI845667	TC159100	null	Mm.104
26166	15475	AI845703	TC175931	null	Mm.36823
12993	9723	AI845809	TC208654	null	Mm.39193
0	0	AI845847	null	null	Mm.39849
326738	184853	AI845880	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
87857	113934	AI843520	TC161850	null	Mm.23842
36144	33952	AI845819	TC187464	retinoblastoma binding protein	Mm.24216
15875	16755	AI845858	TC163172	null	Mm.21158
39113	46750	AI845886	TC160915	eRF1	Mm.3845
8172	11716	AI843531	TC162066	calcitonin gene-related peptid	Mm.18072
23190	22044	AI842696	TC158447	null	Mm.22145
24916	21817	AI847131	TC188464	Ankhzn	Mm.10313
22695	17614	AI847194	TC203246	null	Mm.61702
48865	79444	AI843041	TC199961	25kDa nuclear protein	Mm.19117
96777	112205	AI842715	TC174064	null	Mm.26599
28586	42987	AI847148	TC175664	null	Mm.21767
358753	298475	AI842990	TC160182	null	Mm.22467
16732	17315	AI843057	TC176358	null	Mm.38408
41809	39851	AI841252	TC158333	putative secreted protein SIG9	Mm.44220
107148	144373	AI841294	TC206613	null	Mm.41240
226092	245515	AI841338	TC158923	unnamed protein product	Mm.28650
31696	37341	AI841371	TC163396	null	null
99379	106566	AI841260	TC158834	unnamed protein product	Mm.20877
587424	607589	AI841304	null	null	null
243756	205645	AI841348	TC160135	SNRPN upstream reading frame p	Mm.43721
41468	39531	AI841377	TC174068	null	Mm.28872
0	0	AI846399	TC165620	null	Mm.39499
11011	10849	AI846439	TC175240	null	Mm.28455
0	0	AI846577	TC192397	null	Mm.40487
7821	8989	AI846613	TC177061	null	null
11234	8610	AI846408	TC206117	null	Mm.32080
7008	6012	AI846455	TC178776	null	Mm.41516
4721	9713	AI846589	TC176224	null	Mm.21524
17210	21895	AI846621	TC160625	null	Mm.29390
34932	46883	AI842937	TC176326	null	Mm.37736
0	0	AI842975	null	null	null
42272	53878	AI843558	TC199970	null	Mm.21953
0	0	AI843639	TC164047	null	Mm.34924
8725	9032	AI842943	TC202939	null	Mm.22645
26111	42763	AI842984	TC187556	tenascin precursor	Mm.980
44783	48328	AI843570	TC191980	null	Mm.40814
0	0	AI843648	TC161374	murine arylsulfatase A	Mm.620
0	0	AI845568	TC201381	null	Mm.40158
7298	10062	AI845608	TC201260	profilin II	Mm.20399
43068	43972	AI845657	TC200308	BTEB-1 transcription factor	Mm.40718
19257	24936	AI845696	TC187627	null	Mm.29614

9627	9903	AI845576	TC188412	paraoxonase 2	Mm.22681
20548	26470	AI845618	TC174859	null	Mm.20921
23183	26937	AI845668	TC203898	null	Mm.39291
0	0	AI845704	TC191400	null	Mm.40270
23277	25298	AI845812	TC162614	null	Mm.17665
10771	13555	AI845850	TC186792	LNR42	Mm.27728
0	0	AI845881	TC191438	null	Mm.41024
27702	28606	AI843524	TC188874	tyrosine phosphatase	Mm.3414
128665	158556	AI845820	TC173137	vimentin	Mm.7
24618	40643	AI845860	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
26663	29575	AI845887	TC188600	unnamed protein product	Mm.41180
13531	15878	AI843532	TC173463	null	Mm.21819
0	0	AI842697	null	null	Mm.2632
101726	63142	AI847132	null	null	null
0	0	AI847195	TC190015	Evf protein	Mm.23592
111885	174108	AI843046	TC188102	null	Mm.27685
90480	228553	AI842716	TC174043	null	Mm.24155
113628	75192	AI847151	TC201722	null	Mm.41641
0	0	AI842993	null	null	Mm.36612
3577	8046	AI843058	TC164114	null	Mm.17668
0	0	AI841262	TC165091	null	Mm.40001
0	0	AI841295	TC174978	null	Mm.27395
75349	71378	AI841339	TC190789	null	Mm.41789
12833	13534	AI841372	TC175415	null	Mm.29846
32269	28577	AI841267	TC160691	SCG10-related protein HiAT3	Mm.2319
25610	23293	AI841306	null	null	null
382302	452567	AI841349	TC160277	null	Mm.29812
0	0	AI841379	TC160096	cyclin 3	Mm.7417
396265	379000	AI846401	TC159949	syntenin	Mm.14744
14614	14401	AI846443	TC174652	null	Mm.24601
75685	58272	AI846579	TC175749	null	Mm.29946
0	0	AI846614	TC213499	null	null
11521	15203	AI846409	TC166374	voltage-dependent calcium chan	null
63055	85482	AI846461	null	null	Mm.37214
0	0	AI846590	TC204351	null	Mm.41600
45729	54772	AI846622	TC159097	cell surface molecule OX-2	Mm.14203
78107	60940	AI842938	TC175316	null	Mm.26242
67751	34400	AI842977	TC176698	null	Mm.31203
34075	20192	AI843561	TC190886	null	Mm.42357
11292	15684	AI843642	TC196301	null	null
39807	48132	AI842946	TC176556	null	Mm.41810
0	0	AI842985	TC176220	null	null
16590	19574	AI843571	TC160865	null	Mm.2275
8756	11310	AI843650	TC173418	null	Mm.24455
0	0	AI845571	TC190070	null	Mm.40357
15050	15387	AI845609	TC176186	null	Mm.41759
29937	23395	AI845662	TC165226	null	Mm.39191
13477	17881	AI845698	TC173596	SATB1	Mm.4381
22832	34410	AI845577	TC188677	RA70	Mm.10019
0	0	AI845619	TC177933	null	Mm.40828
0	0	AI845669	TC201363	JNK/SAPK-associated protein-1	Mm.43081

8518	10206	AI845706	TC177191	null	Mm.30647
13580	27396	AI845814	TC189086	null	Mm.5353
135068	53422	AI845853	TC173365	BM-90/fibulin	Mm.7358
21168	20402	AI845882	TC188121	null	Mm.20309
10354	16299	AI843525	TC201010	connexin 37 or connexin 37.6	Mm.24615
108821	129075	AI845821	null	null	Mm.40473
10625	17878	AI845861	TC200531	syntaxin 6	Mm.41462
42043	45559	AI845888	TC160030	Sid470p	Mm.27065
20675	20850	AI843535	TC160933	null	Mm.37326
119473	141863	AI842699	TC187317	transmembrane protein TM9SF3	Mm.2986
12100	14416	AI847133	TC208828	null	Mm.39608
52509	47543	AI847188	TC188707	pp105 Rb protein	Mm.304
27724	28522	AI843048	null	null	Mm.32803
17730	5216	AI842717	TC210068	null	Mm.4505
116099	141833	AI847155	TC161339	mitogen- and stress-activated	Mm.20914
16221	17642	AI842994	TC201829	null	Mm.57068
0	0	AI843059	TC177802	null	Mm.37499
0	0	AI843918	TC163386	acupuncture induced protein 1	Mm.23645
15254	18926	AI847784	TC200825	null	Mm.29798
19844	24405	AI846038	TC174376	null	Mm.27151
8504	12696	AI846050	TC187664	null	Mm.25126
0	0	AI847748	TC202345	null	Mm.34803
25589	25370	AI847787	TC161439	null	Mm.24704
10774	10760	AI846085	TC203309	null	Mm.24372
8177	7860	AI846073	TC177036	null	Mm.37607
6306	8489	AI834924	TC186730	null	Mm.28114
15019	15143	AI846501	TC161801	core promoter binding protein	Mm.33892
14978	14366	AI846542	TC187638	null	Mm.28558
0	0	AI842081	TC174996	null	Mm.41905
11890	11207	AI834934	TC176720	null	Mm.29327
25518	30897	AI846512	TC158876	histone H3.3A	Mm.16820
7982	9092	AI846556	TC191740	null	Mm.23657
6653	4509	AI842089	TC161519	I54 protein	Mm.1348
148469	240267	AI847260	null	null	null
0	0	AI847351	TC158365	null	Mm.35610
0	0	AI847432	TC201068	null	Mm.32208
16507	18067	AI847464	TC179454	null	Mm.41036
0	0	AI847273	TC203151	null	Mm.22305
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56915	65266	AI847440	TC174217	null	Mm.24220
17949	18085	AI847477	TC177476	afadin	Mm.41655
4108	6011	AI845927	TC192642	null	Mm.35086
28339	30101	AI846895	null	null	null
69113	70598	AI846954	TC160754	null	Mm.40281
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15838	25618	AI846916	TC173786	null	Mm.27545
13525	12387	AI846966	TC162258	null	Mm.46032
31350	38314	AI846279	TC187132	null	Mm.30145
25724	31042	AI842117	TC201457	null	Mm.41608
0	0	AI847303	null	null	null

34643	36900	AI847382	TC182765	null	null
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45782	49023	AI842127	TC207109	null	Mm.39166
47124	37067	AI847319	TC159803	ARF1	Mm.6836
26228	25721	AI846646	TC161513	null	Mm.41739
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0	0	AI847554	null	null	null
0	0	AI847837	TC202718	FLASH	Mm.22279
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10505	10450	AI847515	TC189298	metallopeptidase	null
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0	0	AI847740	TC189626	null	Mm.34014
140483	149275	AI847785	TC200508	ubiquitin activating enzyme E1	Mm.1104
46625	82213	AI846039	null	null	Mm.11376
3716	6170	AI846052	TC173491	cyclin D-interacting myb-like	Mm.22480
57513	41903	AI847749	TC173353	null	Mm.30159
59122	61870	AI847788	TC186841	null	Mm.24703
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7808	10639	AI846502	TC204008	testican	Mm.5091
14300	12933	AI846543	TC189585	null	Mm.40840
6477	10654	AI842082	TC176044	null	null
0	0	AI834937	TC178176	PC4	Mm.3251
25341	29206	AI846515	TC190854	null	Mm.41465
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17261	14171	AI842090	TC175219	peroxisome proliferator-activa	Mm.12926
21958	23888	AI847261	TC194867	null	Mm.39803
63079	88857	AI847353	TC175943	null	Mm.35754
11225	9343	AI847434	TC188044	membrane-type-5 matrix metallo	Mm.21306
20168	27898	AI847468	TC186841	null	Mm.24703
17794	19120	AI847388	TC161317	null	Mm.34662
27591	32138	AI847400	TC190633	null	Mm.27120
69495	78027	AI847441	TC174325	mSUG1 protein	Mm.665
0	0	AI847478	TC196678	null	null
12018	13755	AI845928	null	null	null
35819	39535	AI846902	null	null	null
15220	18919	AI846955	TC170974	null	null
10452	18514	AI846271	TC202124	pericentriolar material-1	Mm.28192
50458	31699	AI845938	TC202203	null	null
55256	29961	AI846919	TC178871	null	null
7098	9175	AI846237	TC174465	null	Mm.8540
22058	27259	AI846282	null	null	Mm.10964
13232	15321	AI842118	TC176650	null	Mm.27495
15656	13034	AI847304	TC170002	null	Mm.51563
0	0	AI847387	TC209997	null	Mm.39860
0	0	AI846671	TC161807	mouse parvalbumin	Mm.2766
16739	18628	AI842128	TC189901	null	Mm.41880

79203	104029	AI847356	TC190143	null	Mm.18979
96878	102622	AI846647	TC187353	carnitine palmitoyltransferase	Mm.18522
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41443	45782	AI847838	TC175284	null	null
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5269	7306	AI847519	null	null	Mm.35426
20203	25038	AI847568	TC202144	cyclin-dependent protein kinas	Mm.4414
0	0	AI847741	null	null	null
13149	13988	AI847777	TC176278	null	Mm.25751
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4323	7775	AI846061	TC158593	null	Mm.38362
37015	36625	AI847750	TC176663	invasion inducing protein	Mm.1211
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9709	5857	AI846088	TC162742	null	Mm.31574
86686	78102	AI845892	TC161577	null	Mm.28972
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9214	7745	AI846503	null	null	Mm.39390
29554	32460	AI846544	TC161945	RNA polymerase II subunit RPB	Mm.4896
17308	18276	AI842083	TC175379	null	Mm.2420
14702	14832	AI846476	TC173105	null	Mm.29048
82232	92560	AI846517	TC161718	cytochrome B561	Mm.18942
41420	60498	AI842057	TC188854	IgD B-cell receptor-associated	Mm.4236
97029	90994	AI842091	TC161357	TGN38B precursor	Mm.9940
23719	24668	AI847264	TC177176	null	Mm.23791
74746	59674	AI847354	TC158504	null	Mm.1776
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24281	21877	AI847469	TC178727	null	Mm.44163
7992	8006	AI847389	TC174255	connexin 30	Mm.25652
55777	68223	AI847403	TC167576	null	Mm.44548
19705	26613	AI847443	TC189578	8-oxo-dGTPase	Mm.2539
40927	44031	AI847480	TC170180	null	Mm.54511
8074	14248	AI845930	TC161385	null	Mm.41164
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21201	23307	AI846960	TC162860	null	Mm.25450
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21736	31963	AI845939	TC204025	null	Mm.40832
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45144	45921	AI846238	TC163904	null	Mm.27231
88407	70082	AI846283	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
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44150	30426	AI842131	TC173235	H+ ATP synthase	Mm.258
9818	12067	AI847357	null	null	Mm.39395
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0	0	AI847507	TC187008	null	Mm.17173
42485	31608	AI847556	null	null	Mm.37214
40545	47316	AI847839	null	null	Mm.39203
85716	54949	AI847875	TC161821	null	Mm.21832
0	0	AI847520	TC197032	null	null
75303	98132	AI847571	TC159935	matrin3	Mm.25575
10263	10121	AI847742	TC183484	null	null
70174	91803	AI847778	TC174979	alpha-N-acetylgalactosaminidas	Mm.20325
24372	23436	AI846041	TC201326	null	Mm.3572
71984	73751	AI846062	TC175082	peroxisome membrane protein PE	Mm.16453
64305	76545	AI847752	TC174586	null	Mm.27476
58490	62730	AI847793	TC160987	H19	Mm.25203
17063	12942	AI846092	TC176777	Smad interacting protein 1	null
0	0	AI845893	TC203449	Lim-homeodomain protein Islet1	Mm.42242
17770	19775	AI834929	TC201267	small nuclear RNA	Mm.4633
0	0	AI846505	TC160245	null	Mm.12864
31681	35043	AI846548	null	null	null
30361	38293	AI842085	TC202000	null	Mm.25042
10978	13735	AI846477	TC190735	null	null
69174	75466	AI846518	null	null	Mm.43850
59782	55836	AI842058	null	null	Mm.39354
38973	40279	AI842092	TC174878	tetraspanin Tspan-5	Mm.41448
19972	16829	AI847267	TC177633	null	Mm.45745
400639	231373	AI847355	TC200194	cytochrome c	Mm.35389
14636	14465	AI847436	TC201431	protein arginine methyltransfe	Mm.41705
0	0	AI847472	TC187321	null	Mm.41027
63883	67128	AI847392	TC188483	null	Mm.12468
8485	12138	AI847404	null	null	Mm.4550
21221	25220	AI847444	TC161622	replication factor C, 40kDa su	Mm.27855
25386	29787	AI847481	TC158430	null	Mm.2632
79008	76324	AI845932	TC176343	null	Mm.21989
10841	8499	AI846913	TC205124	null	null
9045	6445	AI846961	TC187740	null	Mm.24821
44557	42563	AI846273	TC203097	null	Mm.28335
53297	53963	AI845940	TC200831	null	Mm.3373
0	0	AI846923	TC164049	transcription factor	Mm.27015
0	0	AI846239	TC193515	null	Mm.58558
2668	3683	AI846285	TC188589	null	Mm.28207
9618	16436	AI842124	TC161089	null	Mm.27863
51655	32826	AI847307	TC187847	null	Mm.24110
11664	16948	AI846643	TC177406	null	Mm.25683
2924	6354	AI846674	TC161883	nuclear transcriptional repres	Mm.6822
0	0	AI847276	TC202927	null	Mm.27469
0	0	AI847360	null	null	null
22138	11068	AI846650	TC188566	serotonin transporter	Mm.3907
3341	6397	AI846682	TC189908	proton-dependent high affinity	Mm.25005
19622	24788	AI847832	TC203754	alphaA-CRYBP1	Mm.4808
0	0	AI847866	null	null	null
18832	27282	AI847511	TC201879	null	Mm.37562

15369	15823	AI847563	TC200617	null	Mm.31051
14489	13250	AI847844	TC160913	tyrosine protein kinase B (trk	Mm.3993
167188	129568	AI847876	TC201385	null	Mm.29036
24007	23987	AI847521	null	null	null
30626	30854	AI847572	null	null	Mm.40858
61213	59758	AI847745	TC174467	MMAC1	Mm.1591
59442	74809	AI847779	TC164086	null	null
50930	64689	AI846081	TC158482	null	Mm.14245
15022	21616	AI846067	TC160721	null	Mm.43871
20507	24048	AI847755	TC178268	null	Mm.31256
20380	14202	AI847794	TC197027	null	Mm.44325
15832	16418	AI846096	TC174061	multiubiquitin-chain-binding p	Mm.2261
0	0	AI845894	TC162524	ASC-1	Mm.27462
12485	9457	AI834930	TC200886	null	Mm.41792
17004	14173	AI846507	TC188350	dual specificity A-kinase anch	Mm.2969
2949	3577	AI846549	TC202835	null	Mm.5727
171310	166013	AI842086	TC173224	basigin	Mm.726
15039	15558	AI846478	TC203161	warts/lats-like kinase	null
0	0	AI846520	TC177490	null	Mm.40334
10636	13912	AI842059	null	null	Mm.15571
0	0	AI842094	TC207457	null	Mm.41703
61244	64393	AI847270	TC160517	chloride channel CLC-2	Mm.40496
24233	37894	AI847396	TC174191	null	Mm.34385
68252	100167	AI847437	TC160175	serine-threonine kinase recept	Mm.22584
0	0	AI847474	TC177258	null	Mm.41556
7029	7865	AI847394	TC181059	null	Mm.41834
0	0	AI847406	TC165725	null	Mm.41152
0	0	AI847445	TC166357	null	Mm.40353
5631	8574	AI847482	TC187197	null	Mm.19973
50584	39747	AI845934	TC174248	null	Mm.29906
68589	56086	AI846914	TC192087	null	Mm.40848
42870	50386	AI846963	TC177029	plasma membrane protein syntax	Mm.24867
10395	12547	AI846274	TC191863	null	Mm.40352
64898	71377	AI845941	TC159075	null	Mm.35731
11483	16039	AI846924	TC158516	frataxin	Mm.7319
39147	36183	AI846240	TC175633	null	null
160790	211589	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
10868	12310	AI846675	null	null	Mm.40488
179803	323900	AI847279	TC186373	Mus musculus ribosomal protein	Mm.30806
24416	25762	AI847363	TC160500	null	Mm.27570
35185	28732	AI846651	TC203728	ectodysplasin	Mm.6258
28437	31709	AI846684	TC188604	null	Mm.41629
0	0	AI847835	TC188137	null	Mm.31274
6148	10206	AI847868	TC201479	null	Mm.6803
7418	7686	AI847512	null	null	null
0	0	AI847564	TC187073	null	Mm.15701
5357	5646	AI847845	TC187602	Cadherin-related neural recept	Mm.15528
3357	3917	AI847877	TC203245	null	Mm.40336

213475	214187	AI847523	null	null	null
39108	241466	AI847573	TC160210	lysyl oxidase-related protein	Mm.21880
0	0	AI847747	TC175092	putative gap junction protein	Mm.7604
41944	41023	AI847780	TC200900	MEK binding partner 1	Mm.20922
0	0	AI846083	TC206971	null	Mm.41366
14089	12855	AI846068	TC159454	DRPLA protein	Mm.3172
32064	31882	AI847759	TC202855	null	Mm.40269
17616	23879	AI847797	TC187921	sid2057p	Mm.24231
0	0	AI846097	TC187056	null	Mm.30001
22556	25956	AI845895	TC201477	null	Mm.44905
0	0	AI834932	TC206856	null	Mm.39308
0	0	AI846508	TC193472	null	Mm.40839
0	0	AI846555	TC205902	PXR2	Mm.44704
0	0	AI842088	TC193626	null	Mm.39812
58251	67416	AI846481	TC209993	null	null
43855	41225	AI846522	TC176893	null	Mm.12914
41007	46811	AI842060	TC160249	gamma2-adaptin	Mm.10698
454555	313472	AI842095	TC160827	null	Mm.27733
0	0	AI847271	TC157705	null	Mm.27378
0	0	AI847397	TC182822	null	Mm.40804
18210	22572	AI847438	null	null	Mm.40499
119597	166986	AI847475	TC160328	null	Mm.27591
23626	68648	AI847395	TC165080	null	Mm.40171
26972	39933	AI847409	TC174347	null	Mm.41317
17644	17537	AI847446	TC187249	sodium bicarbonate cotransport	Mm.34747
15981	13070	AI847483	TC186943	null	Mm.43212
64583	53209	AI845935	TC160236	G protein beta 36 subunit	Mm.30267
14428	11791	AI846915	TC166059	null	null
28011	37154	AI846965	null	null	null
0	0	AI846275	null	null	null
30405	18061	AI845946	TC187488	heat shock protein 105 kDa bet	Mm.34828
6976	4473	AI846925	TC202814	null	Mm.33754
19298	19987	AI846241	TC205275	null	Mm.39822
64487	58760	AI846288	TC174512	F41	Mm.21673
30886	40638	AI842126	TC189274	null	Mm.31374
0	0	AI847315	TC189024	null	Mm.37954
0	0	AI846645	TC187725	null	Mm.41307
4438	6566	AI846676	null	null	null
0	0	AI847280	null	null	null
0	0	AI847364	TC159156	null	Mm.2632
0	0	AI846652	null	null	null
0	0	AI846685	TC201358	null	Mm.41202
0	0	AI847836	TC177032	null	Mm.58615
12763	14531	AI847870	TC162295	null	Mm.28817
0	0	AI847514	TC200422	null	Mm.33356
12018	14631	AI847565	TC188181	WW-domain oxidoreductase	Mm.33369
66715	98137	AI847846	TC159647	prealbumin	Mm.2108
156358	180354	AI847878	TC188512	null	Mm.20363
16145	18356	AI847524	TC161584	NG28	Mm.29088
18472	25991	AI847575	TC164128	null	null
24372	37483	AI842767	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099

12672	11673	AI842814	TC177585	null	Mm.41546
0	0	AI847003	TC191146	FK506-binding protein 12.6	Mm.20453
0	0	AI848066	TC189662	null	Mm.41925
16554	10561	AI842778	TC203131	null	Mm.40294
12243	17970	AI842823	TC201716	null	Mm.11333
0	0	AI847018	null	null	null
7197	9666	AI848073	TC188581	P400 protein	Mm.2726
189134	123005	AI848157	TC176133	null	Mm.11186
18108	20658	AI848195	TC161251	null	Mm.28171
35004	41783	AI849546	TC197020	null	Mm.40875
0	0	AI849607	null	null	Mm.40260
0	0	AI848164	TC176841	null	Mm.835
8154	6741	AI848204	TC201589	null	Mm.31946
22025	18415	AI849566	TC160719	null	Mm.27424
12486	13317	AI849620	TC186910	null	Mm.29144
8710	3647	AI844849	TC163507	Ca ²⁺ dependent activator prote	Mm.5058
36420	34326	AI844879	TC205616	null	Mm.39748
28816	22566	AI849121	TC175955	null	Mm.28557
5635	10054	AI849151	TC164467	alpha1,3-fucosyltransferase IX	Mm.20448
19600	17731	AI844859	TC162432	null	Mm.41616
15381	13433	AI844811	TC188173	null	Mm.28024
25499	28481	AI849129	TC173398	synexin	Mm.20794
0	0	AI849159	TC176661	null	Mm.32607
12139	17637	AI848098	TC159929	poly-glutamine tract-binding p	Mm.14616
0	0	AI848129	TC191481	null	null
96232	95975	AI845982	TC174006	null	Mm.29192
14020	8197	AI846022	TC200311	fractalkine/neurotactin	Mm.3205
0	0	AI848107	TC201906	null	Mm.28094
0	0	AI848145	TC189313	null	Mm.24633
14872	18325	AI845991	TC162147	null	Mm.41174
0	0	AI847660	TC177509	null	Mm.44755
135235	130396	AI848411	TC186959	B-cell translocation gene-1 pr	Mm.16596
14550	24114	AI848442	TC186845	null	null
57216	63003	AI848471	TC200784	protein-tyrosine-phosphatase	Mm.29855
98653	110076	AI849511	TC163041	null	Mm.28809
475584	363226	AI848417	TC160120	mitochondrial carrier homolog	Mm.28023
28866	28131	AI848448	TC190197	null	Mm.38166
47570	44245	AI849476	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
15082	18959	AI849519	null	null	Mm.39214
156684	174064	AI849181	TC157702	null	Mm.22635
20590	22532	AI849211	TC186458	null	Mm.30175
10493	11547	AI849250	TC187286	vacuolar adenosine triphospat	Mm.1081
0	0	AI849285	TC186912	unnamed protein product	Mm.45559
51206	53452	AI849188	TC186940	tomoregulin-1	Mm.40049
53885	71493	AI849217	TC173272	null	Mm.534
23466	27950	AI849260	TC200694	null	Mm.28538
22366	23209	AI849293	TC161354	cavatellin-1	Mm.2931
14559	37935	AI842770	TC161323	null	Mm.28777
13543	16073	AI842817	TC193468	null	Mm.40130
27718	25237	AI847007	TC160987	H19	Mm.25203
9782	10767	AI848067	TC159991	alpha-B crystallin	Mm.178

0	0	AI842780	TC165879	null	Mm.49722
28166	26649	AI842824	TC188149	null	Mm.41902
73268	54725	AI847020	TC175717	null	Mm.37950
15870	18665	AI848074	TC187698	BRAK CXC chemokine	Mm.30211
5126	9286	AI848158	null	null	null
14232	19217	AI848197	TC164751	null	Mm.7817
0	0	AI849548	TC159170	null	Mm.39408
17518	20512	AI849608	TC160282	APC-binding protein EB1 homolo	Mm.18418
15367	22076	AI848165	TC188497	unnamed protein product	Mm.29668
59703	118254	AI848205	TC160346	null	Mm.884
16862	28199	AI849568	TC162532	null	Mm.25783
33206	33158	AI849622	TC159461	alpha glucosidase II, beta sub	Mm.14244
37084	29220	AI844850	TC190964	null	Mm.41333
61300	88405	AI844880	null	null	Mm.39589
11444	9344	AI849122	null	null	null
0	0	AI849153	null	null	null
31190	35235	AI844860	TC174873	null	Mm.10407
19672	17313	AI844814	TC199940	beta-sarcoglycan	Mm.41280
96905	103830	AI849130	TC203800	unknown	Mm.29235
63012	90076	AI849160	TC201192	cytoplasmic dynein intermediat	Mm.20893
36626	53171	AI848099	TC187809	null	Mm.30709
17822	17962	AI848130	TC159163	null	Mm.41808
35701	30876	AI845983	TC175554	null	Mm.29485
14773	20889	AI846023	TC190075	null	Mm.3388
14177	14451	AI848108	TC201153	null	Mm.1982
16882	19890	AI848136	TC179669	null	null
13757	17253	AI845993	TC176554	null	Mm.18562
43515	52481	AI847661	TC175021	null	Mm.11946
9745	18023	AI848412	TC176317	null	Mm.25699
52135	44914	AI848443	TC189402	ABINI, A20-binding inhibitor o	Mm.24782
64653	94891	AI849463	TC188314	testis specific methyl-CpG bin	Mm.322
60289	69360	AI849512	null	null	null
24410	28523	AI848418	TC189284	null	Mm.45199
20611	20559	AI848449	TC189864	null	Mm.34749
0	0	AI849477	TC205209	null	Mm.39787
218268	292279	AI849521	TC160074	casein kinase I-alpha	Mm.1581
0	0	AI849182	TC165933	null	Mm.40871
22654	26955	AI849212	TC161713	null	Mm.28964
0	0	AI849251	TC187715	Homeodomain protein Meis2d	Mm.31436
4489	4601	AI849286	TC188954	null	Mm.41863
154203	252899	AI849189	TC200161	null	Mm.1538
0	0	AI849218	TC187459	ELKL motif kinase 2 long form	Mm.28678
19687	24486	AI849261	TC175418	R-ras	Mm.257
0	0	AI849294	TC187374	type I transmembrane protein F	Mm.22469
41044	56018	AI842771	null	null	Mm.30093
9852	10487	AI842819	TC160438	MECA39	Mm.4606
6998	10998	AI847013	null	null	null
6126	8744	AI848068	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323
17508	21033	AI842782	null	null	Mm.1944
29352	31890	AI842829	TC173961	null	Mm.28402
19565	19837	AI847022	TC189295	null	Mm.30752

19749	19625	AI848076	TC176038	DNA binding protein NFI-C	Mm.5104
22473	21159	AI848159	TC211569	null	null
21975	31926	AI848199	TC162269	null	Mm.41567
17518	10622	AI849552	TC200367	cellular repressor of E1A-stim	Mm.459
25316	26240	AI849609	TC174051	similar to Drosophila dishevel	Mm.3400
12521	14646	AI848167	TC192663	null	Mm.5277
15907	19686	AI848212	TC201125	fumarylacetoacetase	Mm.3798
15982	22278	AI849571	null	null	Mm.39877
30801	34198	AI849625	TC177052	null	Mm.39481
26729	40509	AI844851	null	null	Mm.10406
178670	227163	AI844881	TC173154	dead-box RNA helicase	Mm.18459
25037	22993	AI849123	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
11728	11639	AI849155	TC163089	C9	Mm.2624
47630	66343	AI844861	TC200601	null	Mm.29230
76778	84360	AI844819	TC186761	null	Mm.30005
72341	125762	AI849132	TC161394	null	Mm.38444
39214	62129	AI849161	TC163223	null	Mm.41227
21951	22712	AI848100	TC203345	null	Mm.26019
29338	31463	AI848133	TC200331	null	Mm.29541
0	0	AI845984	null	null	Mm.39194
59382	72710	AI846025	TC173667	null	Mm.24789
86410	90006	AI848110	TC176240	null	Mm.20374
30020	41451	AI845959	TC201639	null	Mm.41907
46514	37776	AI845994	TC160612	null	Mm.29034
32326	29882	AI847663	TC200356	makorin 1	Mm.7198
6642	10848	AI848413	TC188829	null	Mm.23821
116332	87388	AI848444	TC175142	null	Mm.28056
11414	9120	AI849466	TC192256	null	Mm.22879
79584	72376	AI849515	TC173816	mkf-1	Mm.310
330867	425366	AI848419	TC158876	histone H3.3A	Mm.16820
5694	7889	AI848450	TC178551	null	Mm.39617
24573	34775	AI849481	TC200716	Method: conceptual translation	Mm.2469
0	0	AI849522	TC165413	null	Mm.41999
24925	22906	AI849183	TC163898	null	Mm.40993
63371	92225	AI849213	TC189510	multidrug resistance protein	Mm.16086
6506	8486	AI849253	TC163022	peptidoglycan recognition prot	Mm.21855
16900	17590	AI849288	TC161517	unnamed protein product	null
39581	46326	AI849191	TC187868	null	Mm.27635
10507	15788	AI849219	null	null	null
18154	23924	AI849264	TC187760	null	Mm.30938
18222	20925	AI849295	TC199917	beta-tubulin	Mm.22774
89557	109949	AI842775	TC200228	B cell antigen receptor Ig bet	Mm.30235
14950	17935	AI842820	TC157273	null	Mm.41748
0	0	AI847015	TC177053	null	Mm.23642
58036	55417	AI848069	TC175386	null	Mm.12319
41934	39437	AI842783	TC160674	unknown	Mm.24541
30265	30201	AI846972	null	null	Mm.39393
29446	37552	AI847026	TC186634	null	Mm.40849
0	0	AI848077	TC177515	null	Mm.33121
36424	57212	AI848160	TC160799	peripheral-type benzodiazepine	Mm.1508
10843	13041	AI848201	TC203997	null	Mm.18889

22164	17589	AI849556	TC202328	null	Mm.25248
50343	45051	AI849610	TC188580	null	Mm.24025
17248	15637	AI848168	TC165168	null	Mm.39352
35317	26342	AI848213	TC175770	null	Mm.41625
21576	32609	AI849573	TC187275	null	Mm.29743
8827	10005	AI849626	null	null	Mm.39626
20112	25761	AI844854	TC161485	null	Mm.40276
224592	247829	AI844883	TC186669	Sec61	Mm.28375
0	0	AI849124	TC160032	P311	Mm.4919
27114	28492	AI849156	TC179784	null	Mm.39407
34219	36680	AI844862	null	null	null
191292	245582	AI844820	TC201162	null	Mm.26740
46947	45576	AI849133	TC186965	null	Mm.35064
0	0	AI849162	TC209660	null	Mm.60583
69623	81820	AI848102	TC162437	null	Mm.22641
29189	30944	AI848134	TC158212	insulin-like growth factor bin	Mm.38748
0	0	AI845987	TC160874	null	Mm.28092
0	0	AI846031	TC162216	phosphatidylethanolamine-N-met	Mm.2731
13975	15082	AI848111	TC183490	null	Mm.40862
5516	10606	AI845960	TC202758	null	Mm.25137
0	0	AI845998	TC189962	null	Mm.40706
0	0	AI847665	TC206294	null	null
31140	30396	AI848414	TC175028	null	Mm.28996
27978	47920	AI848445	TC173237	Dlxin-1	Mm.27578
2643	4096	AI849467	null	null	null
75605	58029	AI849516	TC173594	null	Mm.27050
0	0	AI848420	TC157724	myelin proteolipid	Mm.1268
0	0	AI848451	TC207049	null	Mm.40411
20606	22332	AI849482	TC189805	null	Mm.36786
10958	13222	AI849526	TC201385	null	Mm.39297
54869	54363	AI849184	null	null	Mm.38490
40865	148916	AI849214	TC164908	null	null
26233	27589	AI849256	null	null	null
13665	16187	AI849289	TC182818	null	Mm.39317
33599	43486	AI849192	TC200366	C10A gene product	Mm.31239
167792	127178	AI849220	null	null	Mm.35835
15003	19717	AI849267	TC188784	null	Mm.39077
8016	9020	AI849297	TC204794	null	Mm.23064
82167	103866	AI842776	TC201645	null	Mm.25315
119337	112520	AI842821	TC158525	phospholipase C-L2	Mm.28034
58029	58263	AI847016	TC161035	cysteine and histidine-rich pr	Mm.27731
8402	7535	AI848070	TC208611	null	Mm.39204
42709	44687	AI842784	TC160739	null	Mm.41684
67802	61995	AI846973	null	null	null
66821	58759	AI847027	TC163587	null	Mm.4501
32710	37181	AI848078	TC161403	null	Mm.10541
0	0	AI848162	TC188644	null	Mm.23826
3927	4379	AI848202	TC206173	null	Mm.40863
12559	16395	AI849557	TC186573	null	Mm.29657
7684	8375	AI849613	TC190409	null	Mm.34198
32792	61551	AI848171	null	null	Mm.39865

0	0	AI848214	TC205975	L-CaBP1	Mm.38551
105187	181730	AI849574	TC159477	ribosomal protein L7	Mm.37835
36868	35980	AI849627	TC201614	null	Mm.29881
16546	26579	AI844855	TC203531	null	Mm.44181
41499	40595	AI844884	TC186835	null	Mm.28058
0	0	AI849127	TC167045	null	null
33103	26399	AI849157	TC173097	null	Mm.3035
7347	6459	AI844863	TC165731	small heat shock protein B3	Mm.41410
34194	33562	AI844821	TC186979	null	Mm.29995
0	0	AI849135	TC161951	null	Mm.4948
0	0	AI849163	TC163954	null	Mm.45213
15578	12003	AI848103	TC201463	null	Mm.34812
15959	16370	AI848135	TC188120	Trp4-associated protein TAP1	Mm.27942
61540	56375	AI845988	TC187435	null	Mm.29476
0	0	AI846032	TC204029	null	Mm.34191
77445	77130	AI848112	TC200849	null	Mm.41013
0	0	AI845961	TC158918	UbcM4 protein	Mm.3074
97098	116704	AI845999	TC199927	null	Mm.31435
28570	38435	AI847667	TC178125	endonuclease III homologue 1	Mm.6207
46245	41094	AI848415	TC158488	null	Mm.35443
72068	64300	AI848446	TC201270	null	Mm.23839
50995	52420	AI849471	TC201282	branched chain alpha ketoacid	Mm.25848
25667	16067	AI849517	null	null	Mm.40518
42065	47381	AI848422	TC163166	null	Mm.41122
0	0	AI848452	TC194744	null	Mm.32480
76704	62107	AI849483	TC161363	null	Mm.29637
15725	14041	AI849528	TC176913	null	Mm.19172
20455	16879	AI849186	TC179518	null	Mm.40287
104858	104828	AI849215	TC166255	glutamate receptor channel sub	Mm.39090
0	0	AI849257	TC186432	beta-catenin	Mm.3476
3220	4214	AI849290	null	null	null
16018	15765	AI849193	TC174764	null	Mm.35127
63823	63643	AI849221	TC160334	translin	Mm.14644
0	0	AI849268	TC201639	null	Mm.41907
0	0	AI849298	null	null	Mm.39875
0	0	AI842777	TC203224	leucine-rich glioma-inactivate	null
17709	20898	AI842822	TC200549	null	Mm.23014
10093	6682	AI847017	TC201720	G21 protein	Mm.11337
0	0	AI848071	TC187889	null	Mm.13835
0	0	AI842786	TC196298	null	null
0	0	AI846978	TC201876	null	Mm.29797
0	0	AI847028	TC203358	null	Mm.35083
9515	18464	AI848081	TC173694	null	Mm.40039
157783	163485	AI848163	null	null	Mm.39615
719258	651469	AI848203	TC157651	precursor Apoprotein A-I	Mm.26743
24575	29646	AI849558	TC175014	compared with human FXR2 mRNA;	Mm.41930
0	0	AI849616	TC201243	TF-1 cell apoptosis related pr	Mm.28441
38226	33471	AI848172	TC190252	null	Mm.19440
0	0	AI848215	TC161067	null	Mm.27839
45419	60176	AI849575	TC187754	reproduction 8	Mm.29301
41449	63859	AI849629	TC158175	possible ubiquitin protein lig	Mm.16553

206975	267791	AI844856	TC187312	putative RNA helicase and RNA	Mm.993
22637	32135	AI844885	null	null	null
47277	52346	AI849128	TC162679	null	Mm.23879
6529	10086	AI849158	TC177317	null	Mm.40654
31697	52246	AI844864	TC200110	snapin	Mm.21534
0	0	AI844822	TC160259	ATRX protein	Mm.34371
0	0	AI849136	null	null	Mm.39623
31163	30343	AI849164	null	null	null
27278	26946	AI848105	TC186485	null	Mm.23345
12308	9256	AI848144	TC187365	p19	Mm.3304
31743	32539	AI845990	TC192114	null	Mm.40835
30259	29043	AI846034	TC162639	null	Mm.9984
122155	105586	AI848113	TC188553	null	Mm.44223
0	0	AI845962	TC189300	unnamed protein product	Mm.40687
11814	15867	AI846001	TC200308	BTEB-1 transcription factor	Mm.19788
0	0	AI847669	TC173486	clathrin-associated protein 19	Mm.833
33306	30987	AI848416	TC174225	null	Mm.26775
20702	18186	AI848447	TC162524	ASC-1	Mm.27462
18610	16190	AI849475	TC157620	enhancer of polycomb	Mm.20828
31984	17424	AI849518	TC161956	null	Mm.28628
15116	16863	AI848423	TC175321	null	Mm.41245
67679	46599	AI848453	TC160600	null	Mm.29032
14615	15534	AI849486	TC161115	null	Mm.25157
10533	8013	AI849529	TC188900	alpha-methylacyl-CoA racemase	Mm.2787
41690	55477	AI849187	TC162896	null	Mm.40309
0	0	AI849216	null	null	Mm.40516
178114	152632	AI849259	TC200170	cellular nucleic acid binding	Mm.7335
207968	288969	AI849291	TC199904	ribosomal protein L28	Mm.3111
45905	52191	AI849194	TC175187	null	Mm.40389
121419	125635	AI849226	TC191487	null	Mm.38404
0	0	AI849269	null	null	Mm.39624
15656	14510	AI849299	TC201366	Sin3-associated protein	Mm.118
30545	39157	AI849023	TC202666	null	Mm.41592
10070	12534	AI844478	TC161980	null	Mm.28151
43085	31600	AI844520	TC174233	null	Mm.30241
18956	17431	AI844533	TC159923	small EDRK-rich factor 2	Mm.1106
13245	13936	AI844446	TC158561	zinc finger type transcription	Mm.67034
27188	23232	AI844487	TC201596	null	Mm.17523
22324	24620	AI848716	null	null	Mm.39619
5930	7672	AI844535	TC187760	null	Mm.39910
121564	93164	AI844285	TC190996	null	Mm.12261
5280	5169	AI844322	TC163252	null	Mm.25874
0	0	AI849735	TC159105	null	Mm.23781
0	0	AI849782	TC201910	null	Mm.28860
40036	24301	AI844295	TC176003	null	Mm.46764
18061	21928	AI844334	TC161166	null	Mm.31990
16504	20027	AI849747	TC204755	null	Mm.17711
14873	24820	AI849793	TC188008	mORC2L	Mm.3411
80527	62638	AI850361	TC162654	null	Mm.41127
38889	32903	AI850403	TC202820	null	Mm.24676
28299	29776	AI850437	TC191610	null	null

6698	9145	AI850488	TC177678	null	Mm.39886
35355	50050	AI850375	TC158179	null	Mm.1843
20847	8649	AI850411	TC190288	null	Mm.33714
0	0	AI850453	TC163232	null	Mm.41370
14959	22029	AI850505	TC188969	null	Mm.27885
175519	245959	AI848752	null	null	Mm.4093
26619	26947	AI848774	TC204193	null	Mm.65608
46763	33700	AI844568	TC200569	null	Mm.29775
0	0	AI848905	TC177495	null	Mm.41130
25709	12893	AI848757	TC204226	null	Mm.37361
0	0	AI844560	TC161291	golgi associated MP1 adapter p	Mm.41680
0	0	AI848804	TC202377	null	Mm.24765
0	0	AI848911	TC191622	null	Mm.63739
82216	64753	AI844730	null	null	null
30725	22538	AI844780	TC189685	null	Mm.24440
39968	48212	AI844648	TC186460	histone H2A.X	Mm.14767
21453	16404	AI844683	TC205813	null	Mm.41028
195179	1373979	AI844743	null	null	Mm.40465
22798	26244	AI844625	TC200184	null	Mm.23744
49457	38009	AI844656	TC200712	thyroid hormone receptor	Mm.4015
70167	78161	AI844689	null	null	null
127538	114543	AI850773	TC204588	null	Mm.38976
115595	149652	AI850810	null	null	Mm.48704
27962	27025	AI850536	TC199347	null	Mm.44132
59094	61587	AI850583	TC186568	ras-related C3 botulinium tox	Mm.889
31114	34879	AI850782	null	null	Mm.39890
37777	55240	AI850819	TC173842	fatty acid synthase	Mm.3760
24161	31364	AI850545	null	null	Mm.26743
0	0	AI850593	TC163084	null	Mm.36835
200169	167868	AI849024	TC157752	null	Mm.2602
0	0	AI844481	null	null	Mm.43101
69240	80395	AI844521	TC186700	proteasome subunit iota	Mm.30210
11998	10261	AI848732	TC187657	cysteinyl-tRNA synthetase	Mm.21505
28305	37182	AI844447	TC202407	centromere autoantigen B (CENP	Mm.41454
48005	44458	AI844488	TC161405	BCL-W	Mm.6967
19628	22457	AI848717	TC173273	follistatin-like protein	Mm.534
0	0	AI848737	TC159978	plasma phospholipid transfer p	Mm.6105
21663	20976	AI844286	TC188004	null	Mm.25726
61151	78110	AI844326	null	null	null
7793	6079	AI849738	null	null	Mm.39628
8265	7676	AI849783	null	null	Mm.40523
42801	48613	AI844297	TC194804	null	Mm.39185
7893	11649	AI844337	null	null	Mm.40459
17975	7151	AI849748	TC173950	null	Mm.1155
53887	42392	AI849795	TC162893	precursor NEFA protein	Mm.9901
16576	28189	AI850362	TC175766	null	Mm.25309
13555	14807	AI850405	TC161875	null	Mm.31643
13027	13733	AI850439	TC187819	null	Mm.29081
0	0	AI850491	TC200986	null	Mm.40888
36507	48421	AI850376	TC205028	null	Mm.28530
16679	15498	AI850412	TC187200	null	Mm.38477

12632	10279	AI850455	null	null	null
14172	14246	AI850507	TC162194	null	null
78932	131647	AI844542	TC200290	SET	Mm.28805
442070	432185	AI844558	null	null	null
19074	21745	AI844569	TC201148	null	Mm.39072
18399	17760	AI844604	TC160492	skeletal muscle LIM protein	Mm.3126
0	0	AI848758	TC175358	cholesterol acyltransferase	Mm.1593
32528	19855	AI848783	TC158163	pyruvate dehydrogenase kinase	Mm.29768
5306	6908	AI844575	TC176555	ventricular potassium channel	Mm.1241
0	0	AI844599	null	null	null
0	0	AI844731	TC192088	null	Mm.38564
30112	37573	AI844784	TC202589	null	Mm.20387
224457	293587	AI844650	TC202395	null	Mm.28087
0	0	AI844684	TC193437	null	Mm.39587
391834	500617	AI844744	TC160643	G protein signaling regulator	Mm.28262
70951	63609	AI844626	TC186919	null	Mm.29975
0	0	AI844657	null	null	Mm.39840
94206	104139	AI844691	TC157635	overexpressed in testicular tu	Mm.4962
0	0	AI850775	null	null	Mm.39889
0	0	AI850814	TC202772	null	Mm.39036
0	0	AI850537	null	null	Mm.39887
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35142	33817	AI850783	TC161245	null	Mm.28829
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22904	22622	AI850546	TC186864	null	Mm.28976
3652	10271	AI850595	TC189662	null	Mm.41925
12138	16854	AI849025	TC161971	null	Mm.6667
23242	23876	AI844483	TC175608	null	Mm.30710
62945	61405	AI848713	TC173719	null	Mm.42925
0	0	AI848733	TC188847	null	Mm.27689
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0	0	AI844490	TC168318	null	null
17358	16403	AI844525	TC189733	null	Mm.28248
11256	14307	AI848738	TC186686	null	Mm.29916
18549	17780	AI844289	TC187543	null	Mm.29386
19958	19138	AI844328	null	null	null
10799	12795	AI849739	TC163413	null	Mm.33706
30212	29561	AI849784	TC190277	null	Mm.24465
188436	185948	AI844299	TC186790	transaldolase	Mm.29182
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9854	11047	AI849749	TC170169	null	Mm.40878
47854	62537	AI849798	TC166289	null	null
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57086	57234	AI850406	TC165579	null	Mm.44129
83508	66629	AI850443	null	null	null
34567	34097	AI850496	TC174471	null	Mm.39501
58777	58972	AI850377	TC177353	B7	Mm.3207
18199	19046	AI850414	TC175221	null	Mm.50
15012	27717	AI850456	TC187237	putative NAD(P)H steroid dehyd	Mm.38792
29420	25443	AI850509	TC158486	null	Mm.58058
0	0	AI844543	null	null	Mm.29874

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13721	20765	AI848908	TC190573	null	Mm.40286
61390	92143	AI848759	TC186863	squalene synthase	Mm.3204
9258	8446	AI848784	TC200979	null	Mm.30123
10935	8883	AI844576	TC187672	null	Mm.24576
12293	13165	AI848914	TC159632	Tssc4 protein	Mm.5293
34188	36417	AI844732	TC187825	null	Mm.28414
39308	36626	AI844786	TC189816	unnamed protein product	Mm.24829
21855	17947	AI844651	TC160656	NADH dehydrogenase	Mm.34869
0	0	AI844685	TC167003	null	Mm.34572
61167	61269	AI844746	TC189866	null	Mm.35783
31625	27432	AI844627	null	null	null
41628	37928	AI844658	TC190060	null	Mm.17613
8691	9896	AI844692	TC203166	nemo-like kinase	Mm.9001
0	0	AI850776	null	null	null
79701	81777	AI850815	TC201416	null	Mm.29711
0	0	AI850538	TC171461	null	null
47015	46915	AI850587	TC177614	null	Mm.41175
233015	179596	AI850786	TC202456	transcytosis associated protei	Mm.15868
22235	23886	AI850822	TC203263	null	Mm.63742
39543	33515	AI850549	TC162077	null	Mm.5285
14166	21198	AI850596	null	null	null
55639	67074	AI849027	TC200704	null	Mm.43765
10493	9400	AI844484	TC190382	null	Mm.17353
69832	55848	AI844522	TC161567	phosphatidylinositol 4-phospha	Mm.1945
38006	39930	AI848734	null	null	null
82327	48998	AI844450	TC161519	I54 protein	Mm.1348
14892	14938	AI844491	TC196283	neuronal pentraxin 2	Mm.10099
11181	14282	AI848718	TC205783	null	null
19488	21088	AI848739	TC202598	null	Mm.39469
17199	22169	AI844290	TC194779	null	Mm.44109
23144	26085	AI844330	TC162781	null	Mm.29019
26578	20463	AI849742	TC178710	null	Mm.32441
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108971	93963	AI844300	TC161551	null	Mm.23173
4244	6620	AI844343	TC162329	null	Mm.40036
11582	13839	AI849756	null	null	Mm.40879
34828	29616	AI849799	TC158467	null	Mm.22458
129421	133824	AI850365	TC186749	null	Mm.22651
49575	55597	AI850407	TC160506	NF2d9	Mm.28052
10419	5991	AI850449	TC187023	unnamed protein product	Mm.41730
35383	25174	AI850497	TC203175	arachidonate 5-lipoxygenase	Mm.41072
133386	136188	AI850379	TC187458	tyrosine kinase	Mm.36605
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8269	14532	AI850458	null	null	null
24239	21723	AI850510	TC187104	null	Mm.44120
37167	38725	AI844544	null	null	Mm.39584
6393	9138	AI848777	TC163690	null	Mm.39210
268717	239646	AI848800	TC200556	null	Mm.28892
7228	6555	AI844597	TC203973	null	Mm.31392

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11663	12740	AI844561	TC187521	null	Mm.28378
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19746	21972	AI848915	TC201677	null	Mm.23747
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20823	18082	AI844789	null	null	Mm.39588
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28923	23232	AI844686	TC187625	null	Mm.29042
64497	56838	AI844747	TC160628	mesoderm/mesenchyme forkhead 1	Mm.12949
43398	42133	AI844628	TC176750	null	Mm.41306
30926	26976	AI844659	TC164063	adenylyl cyclase type 9	Mm.4294
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32102	28928	AI850777	TC205906	null	null
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59100	67229	AI850589	TC201232	null	Mm.22627
24405	22196	AI850787	TC163847	null	Mm.41835
117447	87177	AI850823	TC165174	null	Mm.67039
44897	37663	AI850550	TC189423	null	Mm.29333
17898	8636	AI850597	TC173832	null	Mm.21645
18367	22932	AI844441	null	null	null
33558	38214	AI844485	TC160988	null	Mm.26893
53885	47040	AI848714	TC192032	null	Mm.40345
10126	11115	AI848735	TC160790	EGF repeat transmembrane prote	Mm.4173
70828	74120	AI844453	TC203368	null	Mm.41900
19000	26978	AI844493	TC175211	Zfp64	Mm.2095
32400	43865	AI844526	null	null	Mm.42436
69143	57882	AI848740	TC174013	protein kinase inhibitor gamma	Mm.10091
12175	10801	AI844291	TC163462	null	Mm.23286
38909	24595	AI844331	TC200455	pyrroline-5-carboxylate synthe	Mm.29751
2832	5444	AI849743	TC203416	null	Mm.24616
17006	14892	AI849789	TC163015	null	Mm.40347
14356	17715	AI844302	TC189996	null	Mm.28621
31625	30758	AI844345	TC200677	myosin containing PDZ domain	Mm.29351
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0	0	AI849800	TC162321	pc-tp2	Mm.28896
9671	5960	AI850369	null	null	Mm.39885
22952	28928	AI850408	TC174638	zinc finger protein	Mm.323
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0	0	AI850499	TC165041	null	Mm.5014
42329	40811	AI850381	TC160520	null	Mm.29128
33979	33926	AI850417	TC190127	null	Mm.42873
197682	223969	AI850461	TC202597	null	Mm.29464
25102	27585	AI850751	TC161148	MALA-2 protein	Mm.21441
4615	4099	AI848755	TC186903	inositol polyphosphate 5-phosp	Mm.30030
56204	47165	AI844559	TC162457	Nmi	Mm.7491
29665	39498	AI848802	TC187241	null	Mm.44177
90158	155973	AI848909	TC186463	null	Mm.45425
10360	17183	AI848761	TC186843	14-3-3 protein gamma	Mm.29717
19963	24966	AI848786	TC159876	glutamine synthetase	Mm.2338
0	0	AI848810	TC160831	null	Mm.32780

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70685	70394	AI844736	TC189149	null	Mm.28535
74749	70790	AI844791	TC199991	null	Mm.40152
48782	39137	AI844653	TC161241	H2-M alpha chain	Mm.16373
16128	10849	AI844687	TC174767	calmodulin dependent phosphata	Mm.3150
55392	52272	AI844749	TC174026	null	Mm.34333
14589	18173	AI844630	TC189068	null	Mm.38594
58863	58585	AI844660	TC173039	Sui1 homolog	Mm.13886
225723	220620	AI844695	null	null	null
0	0	AI850779	null	null	null
12375	16350	AI850817	TC177842	null	Mm.40332
0	0	AI850542	TC188168	null	Mm.34183
0	0	AI850591	TC177766	null	Mm.63741
222525	243735	AI850788	TC200256	thymic dendritic cell-derived	Mm.24847
21962	18810	AI850824	null	null	Mm.39891
8078	9969	AI850551	TC159051	ubiquitin fusion-degradation 1	Mm.1830
18198	17084	AI850598	TC157219	null	Mm.13427
7913	12445	AI844443	null	null	null
5340	5263	AI844486	TC204427	null	Mm.44626
5298	8503	AI848715	TC190670	null	Mm.40002
28858	40765	AI848736	TC202514	null	Mm.24658
8961	9643	AI844454	TC199997	glutaryl-CoA dehydrogenase pre	Mm.2475
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0	0	AI848719	TC163761	null	Mm.4281
9217	10556	AI848741	TC188271	null	Mm.29565
0	0	AI844293	null	null	null
16338	17027	AI844333	TC188407	null	Mm.23021
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18889	24210	AI844304	TC182722	null	Mm.60579
9992	10993	AI849707	TC173696	null	Mm.30179
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30022	29969	AI849805	TC160666	RNA-binding protein staufen	Mm.41650
54047	52619	AI850370	TC189061	null	Mm.28900
0	0	AI850410	TC190549	null	Mm.40329
40594	51683	AI850452	TC189628	null	Mm.30659
29839	51579	AI850501	TC199992	nonamer binding protein	Mm.4280
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14546	15865	AI850418	TC209939	null	Mm.49694
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11660	17699	AI850754	TC188991	null	null
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37561	36318	AI848803	TC187127	FK-506 binding protein homolog	Mm.6565
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13347	12546	AI848762	TC176015	homologue of AF022152 Homo sap	Mm.44105
0	0	AI848787	TC174179	transcription factor p65	Mm.28170
34545	36355	AI848811	TC179073	null	Mm.63805
13642	10969	AI844600	TC160558	null	Mm.18761
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55719	53127	AI844792	null	null	Mm.40467

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18317	14985	AI844688	TC173617	serine racemase	Mm.19015
45594	34664	AI844750	TC207061	null	Mm.40931
4948	6740	AI844631	TC191182	null	Mm.5295
14543	12269	AI844663	TC202691	null	Mm.24984
0	0	AI844696	TC161263	66 kDa neurofilament protein N	Mm.2496
0	0	AI850781	null	null	null
22952	39677	AI850818	TC160259	ATRX protein	Mm.10141
6677	5529	AI850544	TC203676	null	Mm.41507
141329	130330	AI850592	null	null	Mm.39635
79143	113560	AI850789	TC175541	Nibrin	Mm.20866
304818	254825	AI850825	null	null	null
122786	108267	AI850552	TC173902	GM2 activator protein	Mm.4140
105480	108036	AI850599	TC177559	null	Mm.37606
20705	32804	AI851687	null	null	Mm.40538
0	0	AI851723	TC189814	null	Mm.28037
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0	0	AI852470	TC188678	nucleoside diphosphate kinase	Mm.27278
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0	0	AI851732	TC163377	null	Mm.24291
0	0	AI852408	TC190981	glucokinase	Mm.1328
0	0	AI852478	null	null	null
7745	6384	AI853948	TC175756	GANP protein	Mm.30098
0	0	AI853984	TC206486	null	Mm.43974
0	0	AI852498	null	null	Mm.40222
44957	60527	AI852534	TC159888	null	Mm.21848
7031	9981	AI853957	TC164603	null	Mm.41659
12945	12056	AI853993	TC174357	focal adhesion kinase	Mm.29674
0	0	AI852507	null	null	Mm.40928
156350	144614	AI852541	TC158905	polymorphic tumor rejection an	Mm.4526
0	0	AI852208	TC177431	null	Mm.39951
0	0	AI852240	TC204699	null	Mm.41183
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16820	19887	AI853513	TC196226	null	Mm.68840
161800	148729	AI853542	null	null	Mm.30205
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44844	39888	AI851996	TC188845	null	Mm.41382
84865	77705	AI852028	TC160269	unknown	Mm.396
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0	0	AI852003	TC175746	null	Mm.28325
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9222	12017	AI853357	TC187622	null	Mm.10754
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19759	32348	AI851895	null	null	Mm.39904
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46761	38580	AI852029	TC174702	null	Mm.33984
11622	9909	AI853350	null	null	null
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7422	7846	AI852004	TC165520	null	Mm.39230
0	0	AI853325	TC207380	null	Mm.40567
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0	0	AI851922	null	null	null
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40912	42614	AI851873	TC177560	null	Mm.19051
35090	36508	AI851902	TC201637	IL-16 precursor	Mm.10137
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29846	36374	AI852300	TC207317	null	Mm.41807
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6946	4545	AI851690	TC203551	null	Mm.34590
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13518	8165	AI851735	TC177942	null	Mm.40909
47166	52560	AI852410	TC173883	ataxin-2	Mm.1989
5246	10058	AI852481	TC175865	L-myc protein	Mm.1055
22190	14712	AI853951	TC187543	null	Mm.29386
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228965	130364	AI852536	TC163137	chemokine	Mm.7275
33334	24013	AI853960	null	null	Mm.43243
29403	28934	AI853996	TC202670	null	Mm.28807
16490	24954	AI852510	TC210703	null	Mm.39661
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23564	17504	AI852243	TC174227	translin associated protein X	Mm.40006
50479	55198	AI853506	TC186810	null	Mm.21132
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7070	6380	AI851923	TC201021	null	Mm.41218
30136	27374	AI852753	TC160376	null	Mm.24874
15432	14068	AI851874	TC180231	receptor tyrosine kinase	Mm.1977
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103524	76964	AI852292	TC175395	S182 protein	Mm.998
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108790	89759	AI852301	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
18690	23079	AI853080	TC177955	null	Mm.40716
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0	0	AI851728	TC179508	null	null
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39099	51711	AI852453	TC162023	glycosylphosphatidylinositol-s	Mm.2779
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0	0	AI852503	TC176890	null	Mm.23367
8608	6688	AI852537	null	null	null
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21772	35894	AI853997	TC188861	null	Mm.41649
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12571	8999	AI852213	TC201597	UDP-glucose dehydrogenase	Mm.10709
68434	60927	AI852247	null	null	Mm.19945
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5258	6932	AI851936	TC173550	methyl purine glycosylase	Mm.2358
5741	3937	AI852769	TC206098	null	null
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24452	28310	AI852303	TC210612	null	null

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31339	35705	AI852475	TC187912	A+U-rich RNA-binding protein	Mm.22617
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13232	20594	AI853955	TC202997	null	Mm.41287
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17970	15301	AI852504	TC180992	null	Mm.39917
26080	25109	AI852538	TC201540	glycogenin-1	Mm.6375
16021	19549	AI853963	null	null	Mm.30704
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0	0	AI852512	TC164810	type 2 deiodinase	Mm.21389
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27558	23229	AI853487	TC202360	null	Mm.22990
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246540	272256	AI853115	null	null	Mm.35059
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0	0	AI852382	null	null	null
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19275	31219	AI853539	TC162177	null	Mm.44147
20684	18571	AI852223	TC187666	HNF-3/fork-head homolog-1	Mm.455
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41195	34011	AI853518	TC189047	null	Mm.22573
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9281	7710	AI851981	TC173104	null	Mm.63
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13290	10113	AI853330	TC174712	choline/ethanolamine kinase	Mm.10124
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35360	20369	AI851900	TC175851	null	Mm.40275
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0	0	AI852306	null	null	Mm.39427
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0	0	AI853583	null	null	null
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5860	7016	AI853643	TC203908	null	Mm.39747
15089	18407	AI853708	TC173959	null	Mm.28402
8541	8249	AI853589	null	null	null
87522	82275	AI853623	TC165085	null	Mm.40003
38516	43814	AI853651	TC187121	null	Mm.1985
4387	4777	AI853714	TC177144	null	Mm.35482
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88909	65603	AI851055	TC200172	null	Mm.7884
10985	14531	AI854087	TC203426	null	Mm.51566
13362	14050	AI854112	TC174280	null	Mm.34126
28612	33392	AI851028	TC161570	null	Mm.24095
45171	39065	AI851061	TC175568	retinoid X receptor-beta	Mm.1243
26396	41846	AI854093	TC202257	null	Mm.40295
56136	53884	AI854118	TC176295	null	Mm.28691
10395	8454	AI852879	null	null	Mm.39242
118441	69455	AI853250	TC161052	carnitine palmitoyltransferase	Mm.29499
54789	59254	AI853286	TC160646	null	Mm.29349
57225	86163	AI854010	TC200005	Ran	Mm.14426
5941	9794	AI852888	TC179428	D7H11orf14 protein	null
25700	46868	AI853259	null	null	Mm.30071
14385	14211	AI853294	TC162965	null	Mm.29789
21815	18916	AI854017	TC203152	null	Mm.24381
43034	53565	AI853659	TC200191	mCASP	Mm.34465
26564	36509	AI853683	null	null	null
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0	0	AI853867	TC211890	null	null
55935	52355	AI853665	TC176693	null	null
78696	84947	AI853689	TC202172	null	Mm.41347
27120	34115	AI853842	TC174257	null	Mm.28528
0	0	AI853875	TC160889	null	Mm.29479
46383	46380	AI854137	TC200139	null	Mm.21420
0	0	AI851120	TC202026	null	Mm.21759
14851	18256	AI851195	TC175985	null	Mm.523
49949	59122	AI851227	TC174256	actin-related protein 11	Mm.29317
42396	43099	AI854144	TC161158	null	Mm.18460
36088	40030	AI851129	TC187079	null	Mm.27403
10748	14445	AI851202	TC176685	null	null
100114	114640	AI853411	TC187811	microtubule-associated protein	Mm.20928
0	0	AI854494	TC180296	null	Mm.40300
0	0	AI854528	TC176767	null	Mm.45063
0	0	AI854565	TC195251	null	Mm.40965
8745	7502	AI852839	TC162705	sh3bgr protein	Mm.28638
8543	8817	AI854504	null	null	Mm.39449
25007	27168	AI854538	TC201201	null	Mm.28792
35998	35075	AI854572	TC186710	null	Mm.38471

7614	9632	AI852852	TC189668	null	Mm.24363
18906	14321	AI853584	TC177270	glycophorin	Mm.13123
75000	255238	AI853617	TC175531	xeroderma pigmentosum group C	Mm.2806
679723	947708	AI853644	TC177185	null	Mm.41511
7663	13423	AI853709	TC175702	null	Mm.28810
0	0	AI853590	TC198333	null	Mm.22854
115499	88431	AI853625	TC177606	L-glutamate decarboxylase	Mm.3536
7345	8788	AI853652	null	null	Mm.39937
0	0	AI853715	TC202319	null	Mm.17846
15278	13115	AI851023	TC189385	null	Mm.30209
12187	15950	AI851056	null	null	null
0	0	AI854088	TC190966	null	Mm.36100
18763	14355	AI854113	TC187304	fibroglycan (syndecan-2)	Mm.29350
0	0	AI851029	TC162544	proton-gated cation channels m	Mm.8028
124031	114169	AI851062	TC173583	null	Mm.21752
16619	14281	AI854094	TC190506	Hox-8 protein	Mm.1763
115149	108412	AI854119	TC174616	null	Mm.21048
18884	34646	AI852880	TC162271	null	Mm.26362
61758	59579	AI853251	TC161703	null	Mm.26609
18622	18991	AI853287	TC187074	null	Mm.32126
49585	45957	AI854011	null	null	null
8337	7434	AI852889	TC175788	ribonuclease H1	Mm.10152
11826	18952	AI853260	TC162780	null	Mm.27117
14011	14600	AI853296	null	null	Mm.41609
11820	13826	AI854018	TC161112	null	Mm.22357
18498	38357	AI853660	TC203195	laminin alpha 5 chain	Mm.4339
27647	37234	AI853684	TC173091	mtprd	Mm.39490
187984	268551	AI853835	TC205497	null	Mm.28639
0	0	AI853868	null	null	Mm.39679
0	0	AI853666	TC194568	null	null
61708	54270	AI853814	TC176605	guanine nucleotide-binding reg	Mm.4478
9693	10738	AI853843	TC200692	null	Mm.22021
0	0	AI853877	TC160058	zipper protein kinase	Mm.4358
25245	19870	AI854138	TC203221	null	Mm.35423
48933	57687	AI851124	TC159943	Tum-P91A antigen	Mm.12194
0	0	AI851197	TC173787	null	null
12784	19035	AI851230	TC160568	null	Mm.41535
10069	9637	AI854145	TC173496	carboxypeptidase E	Mm.43603
27497	21550	AI851130	TC175248	null	Mm.34656
6205	7802	AI851205	TC202336	null	Mm.34205
39271	38137	AI853412	TC200752	null	Mm.27799
30862	79177	AI854495	TC174463	null	Mm.41383
19146	16582	AI854529	TC175530	null	Mm.27965
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28425	30058	AI852842	TC176292	null	Mm.37457
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15390	8380	AI854539	TC176810	null	Mm.6720
5860	6705	AI854574	TC159093	Ku70	Mm.16147
0	0	AI852854	TC170109	null	null
16533	18631	AI853585	TC201109	null	Mm.25337
108519	86335	AI853618	TC203330	null	Mm.46581

7249	6658	AI853646	null	null	Mm.40236
16397	19147	AI853710	null	null	null
37864	40250	AI853592	TC174898	null	Mm.43591
35433	30602	AI853626	TC175747	dihydrofolate reductase	Mm.23695
40978	58524	AI853654	TC202796	null	Mm.7280
270489	224149	AI853716	TC163325	null	Mm.22969
17760	17218	AI851024	TC201667	null	Mm.29689
13774	12378	AI851057	TC175190	null	Mm.37383
212986	143268	AI854089	TC159438	cytochrome oxidase subunit 3	Mm.5293
0	0	AI854114	TC174051	similar to Drosophila dishevel	Mm.3400
88224	75825	AI851030	TC174168	tyrosine kinase	Mm.21974
19863	30062	AI851063	TC200133	A10	Mm.16898
18938	20435	AI854095	TC157849	null	Mm.58683
202108	193947	AI854120	TC200766	null	Mm.27959
41581	33181	AI852882	TC188990	null	Mm.23230
0	0	AI853252	TC164245	null	Mm.44910
188819	174504	AI853288	null	null	null
22323	21301	AI854013	TC161376	MPTPdelta	Mm.3449
5017	6252	AI852890	TC182622	null	Mm.40043
10119	9772	AI853261	TC200922	melanoma adhesion molecule	Mm.39103
22808	40172	AI853298	TC187839	SRG3	Mm.1050
4235	4087	AI854019	TC170115	null	Mm.40957
14105	20489	AI853661	TC175324	null	null
33601	28466	AI853685	TC161963	null	Mm.28811
0	0	AI853837	TC188664	null	Mm.33720
19450	20616	AI853870	TC200384	C7-1 protein	Mm.21961
0	0	AI853667	TC182632	null	Mm.43268
245511	205815	AI853815	TC186695	brain protein 44-like protein	Mm.2576
51195	54814	AI853846	TC186836	keratinocyte lipid-binding pr	Mm.741
25371	20468	AI853878	TC162352	null	Mm.41894
59943	64024	AI854139	null	null	Mm.39265
29037	23227	AI851125	TC186652	null	Mm.30000
19728	22212	AI851198	TC162903	null	Mm.24873
9792	11464	AI851231	TC203493	gamma-aminobutyric acid A rece	Mm.5309
18998	18304	AI854146	TC203962	null	Mm.41135
51242	69733	AI851131	TC206929	null	null
34256	36121	AI851206	TC174001	hypothetical protein	Mm.22405
28510	35315	AI853413	TC162059	null	Mm.23974
6625	10124	AI854496	TC188205	null	Mm.28606
0	0	AI854531	null	null	null
32090	36796	AI854567	TC157729	unnamed protein product	Mm.23841
18538	23908	AI852846	TC201812	methyl-CpG-binding protein 2	Mm.40984
2979	5222	AI854506	TC176616	null	Mm.28639
9409	8899	AI854540	TC161076	null	Mm.27964
16781	17921	AI852819	TC202840	homolog of human gene underlyi	Mm.135
7009	11116	AI852856	null	null	Mm.40561
173040	210907	AI853586	TC157774	p120	Mm.35738
0	0	AI853619	null	null	null
0	0	AI853647	TC165869	null	Mm.40573
8447	16270	AI853711	TC189310	null	Mm.23596
105469	124765	AI853596	TC187230	null	Mm.27123

15547	16548	AI853627	null	null	null
13110	12210	AI853691	TC178896	null	Mm.39253
0	0	AI853717	TC173985	null	Mm.28029
16290	12307	AI851025	null	null	null
38931	37403	AI851058	TC202808	calcium- and diacylglycerol-re	Mm.10161
8178	7732	AI854090	TC163016	null	Mm.19831
309585	211577	AI854115	TC161704	null	Mm.41473
6376	4793	AI851031	null	null	null
18696	22308	AI851064	TC187271	null	Mm.11112
11061	13341	AI854096	TC163163	null	Mm.41620
9781	11171	AI854121	TC210622	null	Mm.44388
5803	11291	AI852884	TC202704	null	Mm.44714
17039	14203	AI853253	TC161820	null	Mm.27716
5670	4882	AI853291	null	null	null
5463	5763	AI854014	TC174327	null	Mm.41438
13039	10917	AI852893	TC200302	involved in signaling by the e	Mm.35677
0	0	AI853262	TC177217	male-specific histocompatibili	Mm.20477
20683	24364	AI853299	TC187357	null	Mm.28053
5636	7979	AI854020	null	null	Mm.29996
5989	8450	AI853662	TC166658	null	null
4337	6828	AI853686	TC179336	glutamate receptor channel alp	Mm.42021
0	0	AI853838	TC186760	BS4 peptide	Mm.5856
9484	17129	AI853871	TC176408	null	Mm.18790
0	0	AI853668	TC188204	null	Mm.22583
15060	15729	AI853816	TC162127	null	Mm.23595
0	0	AI853847	TC175029	null	Mm.40725
8122	5203	AI853879	TC189888	putative transcription factor	Mm.3594
35213	32242	AI854141	TC175304	null	Mm.21489
5576	5418	AI851126	TC212749	null	Mm.39643
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94767	82716	AI851232	TC161740	null	Mm.44183
10953	13384	AI854147	TC204557	null	Mm.44234
19662	22318	AI851133	TC200700	membrane glycoprotein	Mm.944
138149	108855	AI851207	TC160508	null	Mm.28968
22519	26406	AI853414	TC187398	null	Mm.29866
0	0	AI854498	TC163119	PCTAIRE-3 protein kinase	Mm.28130
19402	17906	AI854532	TC160147	monocarboxylate transporter 1	Mm.9086
26032	25649	AI854569	TC161390	null	Mm.41525
0	0	AI852847	TC188044	membrane-type-5 matrix metallo	Mm.21306
219433	172207	AI854507	TC186893	null	Mm.21707
0	0	AI854543	TC183399	null	Mm.40585
17178	21348	AI852820	TC159312	null	null
35810	38776	AI852857	TC201220	null	Mm.29588
40583	19100	AI853587	null	null	null
4337	3594	AI853620	TC192194	null	null
0	0	AI853648	TC166498	null	Mm.5342
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12626	16493	AI853598	TC163083	mszf60	Mm.17448
251539	156730	AI853628	TC186449	isocitrate dehydrogenase	Mm.2966
0	0	AI853692	null	null	null
0	0	AI853718	TC159868	necdin	Mm.7089

8687	9192	AI851026	TC175171	null	Mm.28744
56619	60191	AI851059	TC161117	SKD1	Mm.18705
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32006	29860	AI854116	TC174035	null	Mm.41380
0	0	AI851033	TC190001	null	Mm.18561
37035	33549	AI851065	TC161346	null	null
62347	100268	AI854097	TC200868	null	Mm.20491
28979	37266	AI854122	null	null	Mm.5293
10479	9370	AI852886	TC201217	null	Mm.41765
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4702	6583	AI853292	null	null	Mm.24226
0	0	AI854015	TC201229	null	Mm.29591
15750	16150	AI852894	TC205399	null	Mm.41196
0	0	AI853263	null	null	null
13758	11450	AI853300	TC187074	null	Mm.32126
0	0	AI854021	TC188757	null	Mm.27267
28541	38616	AI853663	TC188179	null	Mm.21480
35700	29692	AI853687	TC202524	null	Mm.38917
9683	17028	AI853839	TC170112	null	Mm.40231
0	0	AI853873	TC161829	null	Mm.2018
29802	29137	AI853669	TC203452	null	Mm.7630
37130	40834	AI853817	TC162513	null	null
6829	7689	AI853850	null	null	Mm.40575
44866	27872	AI853880	TC190624	null	Mm.41069
19216	13842	AI854142	null	null	null
10937	9102	AI851127	TC164980	null	Mm.23056
8459	8982	AI851200	TC159918	null	Mm.28051
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10629	16777	AI854148	TC202331	retinally abundant regulator o	Mm.2555
5609	6494	AI851135	TC188896	null	Mm.31995
16972	22853	AI851208	null	null	null
0	0	AI853415	TC177385	null	Mm.44404
0	0	AI854500	TC176310	null	Mm.41538
0	0	AI854533	TC192951	null	null
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0	0	AI854508	TC175789	null	Mm.5134
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10934	15453	AI852821	TC205165	null	Mm.34517
0	0	AI852858	TC175447	ankyrin-3	Mm.3526
48651	51117	AI853588	TC177020	null	Mm.26936
16884	13038	AI853621	TC176380	null	Mm.29708
0	0	AI853649	TC160124	porphobilinogen deaminase (hou	Mm.1710
0	0	AI853713	TC200544	null	Mm.22024
26666	24789	AI853599	TC161479	Bce-1 protein	Mm.17915
0	0	AI853629	null	null	Mm.39444
32299	27413	AI853694	TC210623	null	Mm.39938
19054	23068	AI853719	TC183427	null	null
250674	191787	AI851027	TC186387	null	Mm.22699
43588	66292	AI851060	TC200481	beta-glucuronidase	Mm.3317
8903	9987	AI854092	TC201919	null	Mm.39483

0	0	AI854117	TC191758	null	Mm.44403
5444	8922	AI851034	null	null	Mm.39892
16939	16906	AI851066	TC180132	null	Mm.20118
103478	91332	AI854099	TC160319	unnamed protein product	Mm.41782
0	0	AI854123	TC176531	null	Mm.27204
12225	13741	AI852887	null	null	Mm.39437
40846	41671	AI853257	TC161288	ganglioside-induced differenti	Mm.12962
64672	67058	AI853293	TC173192	null	Mm.22073
11320	16959	AI854016	TC183006	null	Mm.40544
16330	20362	AI852897	TC208970	null	null
0	0	AI853264	null	null	Mm.39248
58708	62343	AI853301	TC201212	RNA polymerase II largest subu	Mm.16533
61707	79655	AI854022	TC186927	null	Mm.29076
0	0	AI853664	null	null	Mm.40953
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4936	6864	AI853840	TC160889	null	Mm.29479
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10016	13573	AI853818	TC203310	null	Mm.27697
26594	28120	AI853851	TC189366	null	Mm.41591
0	0	AI854250	TC193384	null	Mm.40958
77230	73763	AI854143	TC173727	null	Mm.41374
7182	9693	AI851128	TC160982	glypican-1	Mm.24817
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106022	65698	AI853409	TC173952	null	Mm.29185
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13437	18741	AI851136	null	null	null
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10734	13411	AI854865	null	null	Mm.40591
23203	29517	AI854897	TC200959	red-1	Mm.27915
0	0	AI854677	TC190684	null	Mm.40967
10027	12743	AI854840	TC196942	null	null
0	0	AI854874	TC164328	Plasma membrane Ca ²⁺ -ATPase is	Mm.20441
24097	24796	AI854658	TC190978	null	Mm.26071
56539	47546	AI854684	TC200914	null	Mm.22710
44083	61498	AI851319	TC162345	null	Mm.39097
131649	160400	AI851354	null	null	null
0	0	AI851389	null	null	null
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15767	21044	AI851329	TC162868	COP9 complex subunit 7b	Mm.12973
18493	19365	AI851363	TC175511	null	Mm.35986
33315	27395	AI851512	null	null	null
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18418	21008	AA407441	TC188578	null	Mm.38739
0	0	AA407562	TC175004	null	Mm.30004
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9830	16084	AA409509	null	null	null
148294	251155	AA407512	TC158684	null	Mm.88762
8611	12951	AA407619	TC164917	null	Mm.24462

13365	13991	AA409279	TC203346	erythroid membrane-associated	Mm.24043
10119	16569	AA409448	TC160186	null	Mm.27190
16154	16256	AI854704	TC162961	Na ⁺ /H ⁺ exchanger	Mm.4312
0	0	AI854730	TC202212	null	Mm.24761
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16095	23268	AI854711	TC162168	null	Mm.24868
30950	42470	AI854736	TC168151	null	null
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0	0	AI851561	TC163883	null	Mm.36745
254071	446310	AI851588	TC159689	ribosomal protein L23	Mm.16820
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175671	241335	AI851595	TC158296	null	Mm.16820
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95527	88032	AA409688	TC201365	null	Mm.28393
34218	33175	AA409824	TC174815	ribosomal protein S6 kinase	Mm.29910
128725	97411	AA407909	TC160833	null	Mm.30053
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88275	63390	AI854898	TC159974	null	Mm.29460
29238	33867	AI854678	TC160100	null	Mm.27707
39665	56527	AI854841	TC186992	null	Mm.155
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124471	106944	AI854685	TC191200	null	Mm.40610
55283	37082	AI851320	TC187577	alkaline phosphatase	Mm.1265
88435	181439	AI851355	TC208086	null	null
0	0	AI851391	TC174621	null	Mm.41891
35544	26309	AI851535	TC187733	peroxisomal biogenesis factor	Mm.20901
31694	38767	AI851330	TC161043	LIM kinase 2	Mm.42927
9003	14755	AI851365	TC189071	null	Mm.27216
0	0	AI851514	TC162922	null	Mm.41784
32542	23049	AI851541	TC178562	null	Mm.36490
0	0	AA407443	TC200842	null	Mm.34091
17710	14932	AA407565	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
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0	0	AA407681	null	null	null
0	0	AA409260	TC200868	null	Mm.20491
0	0	AA409539	TC200839	adrenomedullin precursor	Mm.1408
64986	78439	AI854705	TC158418	null	Mm.32512
34087	33113	AI854731	TC174439	null	Mm.34028

0	0	AI850929	TC176033	null	Mm.41348
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63822	70615	AI854712	TC179344	spalt protein	Mm.5089
6762	10655	AI850904	null	null	Mm.40894
8031	9339	AI850937	TC201756	null	Mm.41423
34464	30371	AI850971	TC186907	cAMP-dependent protein kinase	Mm.16766
78760	88961	AI851562	null	null	Mm.31319
30410	37346	AI851589	TC196153	null	null
12713	12471	AI851425	TC204832	null	Mm.41529
39461	40717	AI851463	TC188402	null	Mm.24558
0	0	AI851568	TC158667	neural cell adhesion molecule	Mm.4974
86386	64452	AI851596	TC160109	secreted apoptosis related pro	Mm.19155
6312	8902	AI851433	null	null	null
0	0	AI851471	TC175709	null	Mm.4285
25199	27203	AA409654	TC200761	profilin (AA 1-140)	Mm.2647
238509	261915	AA409871	TC159560	cytoskeletal beta-actin	Mm.297
21093	26460	AA407434	null	null	null
5203	5790	AA407393	TC163250	null	Mm.43948
52280	33445	AA409679	TC190511	null	Mm.23044
12211	13195	AA409895	TC173778	null	Mm.22277
6859	6019	AA407916	TC203545	SOX13	Mm.8575
10074	8485	AA409957	null	null	null
8107	7692	AI854836	TC163407	null	Mm.32338
50040	69686	AI854867	TC188249	null	Mm.34539
18088	18253	AI854899	TC188254	null	Mm.35714
127324	158855	AI854679	TC186628	membrane protein TMS-2	Mm.29344
8970	10196	AI854843	TC164078	null	Mm.41251
14550	16445	AI854876	TC174822	Doc2	Mm.43681
157465	157792	AI854660	TC173905	glutathione reductase	Mm.20288
47717	83402	AI854686	TC200290	SET	Mm.28805
123594	142944	AI851321	TC173763	null	Mm.28877
45337	54076	AI851358	TC200841	null	Mm.29497
35375	40850	AI851393	TC200815	null	Mm.28435
50770	47595	AI851536	TC202166	null	null
136277	151198	AI851332	TC160460	null	Mm.24272
12646	12856	AI851366	TC187870	HNP36 protein	Mm.4930
37085	37310	AI851515	TC187011	null	Mm.28348
20375	21752	AI851542	TC188221	null	Mm.27389
0	0	AA407452	TC177600	null	Mm.30860
0	0	AA407648	TC175991	null	Mm.28642
6447	6636	AA409244	null	null	null
44646	59535	AA409495	null	null	Mm.14722
0	0	AA407526	TC164688	null	Mm.21105
54619	62319	AA407686	TC188246	Fus1 protein	Mm.21739
0	0	AA409261	null	null	null
0	0	AA409570	null	null	null
11252	8553	AI854706	TC206325	null	Mm.39100
5762	12138	AI854732	null	null	null
15339	21465	AI850930	null	null	Mm.40205
9163	12355	AI850965	TC188786	null	Mm.2866
33661	29484	AI854713	TC201178	SHD-1 protein	Mm.28413

4679	6560	AI850906	TC176635	null	Mm.22955
13044	11160	AI850939	TC210729	null	Mm.40896
0	0	AI850972	TC163377	null	Mm.24291
0	0	AI851563	TC210693	null	Mm.40925
0	0	AI851590	TC159249	null	Mm.31734
40889	44477	AI851426	TC162057	unnamed protein product	Mm.27700
21064	18866	AI851464	TC164888	null	Mm.37691
39686	41782	AI851569	TC190228	phosphatidylinositol 4-phospha	Mm.3191
11467	6534	AI851597	TC179833	null	Mm.44947
13230	13046	AI851434	TC159645	serine protease	Mm.7409
9819	6579	AI851472	TC177576	null	Mm.40360
26414	29581	AA409659	TC203539	null	Mm.27519
14328	13181	AA409851	TC175106	prolyl oligopeptidase	Mm.90005
11007	7750	AA407657	TC188462	null	Mm.16479
0	0	AA407398	null	null	null
270884	166983	AA409687	TC200194	cytochrome c	Mm.35389
31412	51573	AA409897	TC175507	null	Mm.3241
0	0	AA409604	TC159568	ATPase	Mm.29582
13425	13953	AA409964	TC204797	null	Mm.28695
21091	19613	AI854837	TC189346	null	Mm.19091
17143	15170	AI854869	TC188859	null	Mm.28898
12762	5732	AI854900	TC162356	null	Mm.41156
48748	61629	AI854680	null	null	null
77522	92762	AI854844	TC160303	null	Mm.30849
57191	60560	AI854878	TC200469	microtubule-associated protein	Mm.12625
61068	54767	AI854661	TC201067	clathrin-associated protein	Mm.2237
17307	19735	AI854688	TC174353	null	Mm.29259
146062	157137	AI851325	TC174672	AM2 receptor	Mm.7221
84698	82045	AI851359	TC158430	null	Mm.2632
12555	16497	AI851394	TC187200	null	Mm.27769
27417	29492	AI851537	TC201389	HNMP-1	Mm.20829
249280	198083	AI851333	TC187307	null	Mm.42110
69964	61838	AI851368	TC175858	null	Mm.41061
22996	24574	AI851522	TC193022	null	Mm.39898
45158	40814	AI851544	TC162196	asc1	Mm.35567
34309	26687	AA407454	TC173672	null	Mm.23877
11734	14423	AA407651	TC186457	histone H2a.1-F	Mm.22676
0	0	AA409270	TC192723	Wnt-6	Mm.2438
0	0	AA409500	TC202862	null	Mm.28696
69862	88354	AA407459	TC187194	null	Mm.17917
0	0	AA407708	null	null	Mm.34092
11836	16509	AA409269	TC163499	null	Mm.29252
53162	148651	AA409573	TC186425	null	Mm.3532
13658	16504	AI854707	TC201210	null	Mm.28244
0	0	AI854733	TC174932	null	Mm.41110
0	0	AI850932	TC201284	isovaleryl dehydrogenase precu	Mm.6635
14427	12514	AI850966	TC159965	CDC10	Mm.2858
5506	9780	AI854714	null	null	null
9729	10362	AI850907	TC210728	null	Mm.39637
16086	12294	AI850940	TC188494	Ese2 protein	Mm.40285
3650	6776	AI850973	TC179704	null	Mm.30598

100139	197677	AI851564	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
8607	10523	AI851591	null	null	Mm.39224
9923	18640	AI851427	TC174554	cAMP-dependent protein kinase	Mm.25594
54714	86802	AI851466	TC174231	Clast1	Mm.28385
17060	14823	AI851570	TC189345	null	Mm.34579
25149	23751	AI851598	TC173359	null	Mm.9852
0	0	AI851435	null	null	Mm.40536
33727	30359	AI851474	null	null	Mm.39648
10915	13640	AA409663	TC174512	F41	Mm.21673
141018	217941	AA409853	TC186508	null	Mm.14802
13568	10664	AA407659	TC175722	null	Mm.29241
65234	50360	AA409404	TC190541	beta-1,3-N-acetylglucosaminylt	Mm.100619
17265	21717	AA409725	TC174741	null	Mm.2133
75999	96089	AA409925	TC173729	deletion target in pancreatic	Mm.3632
23110	34618	AA409609	null	null	null
16652	27834	AA410041	TC174942	null	Mm.30060
347561	451791	AI854838	TC159770	14-3-3 epsilon	Mm.42972
65108	58859	AI854872	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
65403	76116	AI854901	TC158371	null	Mm.35837
38614	37010	AI854681	TC189909	HCMV-interacting protein	Mm.29022
19582	21657	AI854845	TC163911	null	Mm.35755
10015	13858	AI854879	TC176582	null	Mm.10038
21936	32856	AI854662	TC203442	null	Mm.29176
0	0	AI854689	TC175151	null	Mm.26589
14146	15090	AI851327	TC205979	null	Mm.39475
9899	12366	AI851361	null	null	null
0	0	AI851395	null	null	null
11930	13611	AI851538	TC204031	null	Mm.38118
73874	57962	AI851335	TC203687	null	Mm.19324
19724	25290	AI851370	TC173091	mtprd	Mm.3679
0	0	AI851523	TC181494	null	Mm.40354
11945	19617	AI851545	TC187380	testosterone induced transcrip	Mm.42240
0	0	AA407468	TC161989	Tssc6 protein	Mm.28172
3351	9548	AA407614	null	null	null
6524	14333	AA409273	TC162172	null	Mm.567
45155	45353	AA409440	null	null	Mm.12970
22479	25805	AA407467	TC174512	F41	Mm.21673
10755	7859	AA407720	TC201121	null	Mm.28679
12785	16278	AA409289	null	null	null
9216	7622	AA409575	TC200971	null	Mm.29809
12551	12318	AI854709	TC177477	null	Mm.31551
0	0	AI854734	TC170064	null	Mm.40545
0	0	AI850933	TC200348	null	Mm.34626
0	0	AI850967	TC174721	null	Mm.41903
23535	26325	AI854715	TC207019	null	Mm.31457
54246	52670	AI850908	TC187918	EAR2	Mm.2376
0	0	AI850941	TC163338	null	Mm.27261
25064	31037	AI850974	TC163334	null	Mm.38665
17628	15494	AI851565	TC160941	null	Mm.10641
32019	29193	AI851593	TC201854	PBX2	Mm.7103
53213	58883	AI851429	TC161129	ARL-6 interacting protein-6	Mm.37623

47058	52690	AI851468	TC186452	unknown	Mm.39896
13763	17311	AI851571	TC160721	null	Mm.43871
62740	73911	AI851397	TC159957	connexin 43	Mm.4504
62955	58414	AI851438	null	null	null
6323	8829	AI851475	TC201806	null	Mm.41442
5382	5299	AA409665	TC200298	null	Mm.29915
5164	5941	AA409822	TC164194	null	Mm.16802
14132	16182	AA407663	TC178875	null	Mm.3640
18759	23100	AA410142	TC175150	tyrosine kinase	Mm.21056
28946	24293	AA409735	TC175173	null	Mm.27520
7121	7475	AA409940	TC203983	null	Mm.27866
17532	26062	AA409796	TC174954	null	Mm.28709
0	0	AA410061	null	null	null
0	0	AI854839	TC174352	null	Mm.29646
17531	15226	AI854873	TC160877	null	Mm.28225
0	0	AI854905	TC172839	null	Mm.39952
0	0	AI854682	TC191173	null	Mm.35017
27127	28153	AI854846	TC162511	null	Mm.18617
0	0	AI854880	TC201917	null	Mm.41769
0	0	AI854663	TC201096	null	Mm.3012
36927	29677	AI854690	TC163774	null	null
251776	134775	AI851328	TC189268	hydroxysteroid sulfotransferas	Mm.7316
131566	96665	AI851362	TC202755	null	Mm.32581
0	0	AI851396	TC205777	null	Mm.41246
117584	107050	AI851539	TC201001	null	Mm.24260
101548	84950	AI851336	TC200916	null	Mm.28794
52274	44293	AI851372	TC210698	null	Mm.40905
0	0	AI851524	TC189909	HCMV-interacting protein	Mm.29022
0	0	AI851546	null	null	null
0	0	AA407507	TC190025	transposase-like protein	Mm.28450
15747	23397	AA407615	null	null	Mm.100549
0	0	AA409278	TC160021	null	null
0	0	AA409442	TC191871	null	Mm.28894
8905	11031	AA407545	null	null	Mm.24461
0	0	AA407726	TC162714	null	Mm.34654
0	0	AA408066	TC202475	heparan sulfate D-glucosaminyl	Mm.100135
0	0	AA409580	TC172656	null	Mm.89182
185440	131647	AI854710	TC186996	null	Mm.29617
28997	29046	AI854735	TC191868	null	Mm.41234
0	0	AI850934	TC162140	null	null
7818	9402	AI850968	TC200611	Pig-o	Mm.32221
47675	42387	AI854716	null	null	Mm.42255
11067	10638	AI850909	TC163411	null	Mm.24634
16279	24301	AI850942	TC189334	null	Mm.45027
15471	15509	AI850976	TC162018	null	Mm.28410
29536	22189	AI851566	null	null	null
125376	122762	AI851594	TC201818	null	Mm.33881
18713	18550	AI851430	TC158997	p21	Mm.7414
0	0	AI851469	TC161934	null	Mm.27088
147232	145944	AI851572	TC205218	null	null
94578	91315	AI851400	TC161946	null	Mm.28661

58589	53332	AI851441	TC160279	proteasome subunit C9	Mm.30270
0	0	AI851476	TC174564	null	Mm.40671
35892	24373	AA409636	TC186578	EH domain-containing protein E	Mm.30169
0	0	AA409823	TC162902	null	Mm.24873
268054	420563	AA407905	TC186862	centrosomin B	Mm.2238
93307	86906	AA410145	TC174580	AZ2	Mm.2179
5683	9992	AA409766	TC208435	null	Mm.24471
37316	50240	AA409952	TC201029	nuclear protein	Mm.90339
14984	16311	AA409799	TC162868	COP9 complex subunit 7b	Mm.100138
1453763	1023714	AA410046	TC204298	null	null
48064	65755	AA408675	TC187239	null	Mm.28286
489415	289251	AA408793	TC174311	dipeptidyl peptidase iv	Mm.1151
45239	47650	AA408763	TC202849	null	Mm.86644
23671	31515	AA409010	null	null	Mm.3739
19448	35635	AA408693	TC202044	null	Mm.29694
0	0	AA408470	TC189788	null	Mm.21557
66307	83133	AA408927	null	null	Mm.100140
0	0	AA409038	TC175520	null	Mm.28702
11480	11967	AW538416	TC168795	null	Mm.102552
0	0	AW538488	TC201165	null	Mm.25918
80475	108344	AW538541	TC174390	null	Mm.22621
6365	10468	AW538593	TC197010	null	null
0	0	AW538442	TC162908	null	Mm.19119
9334	14839	AW538501	TC178602	null	Mm.102554
79067	105041	AW538554	TC157727	kinesin heavy chain	Mm.43696
35901	37438	AW538605	TC173298	CA XIV	Mm.34556
0	0	AW539625	TC205118	null	Mm.35910
22416	19072	null	null	null	null
27404	16519	AW539820	TC161230	delta-aminolevulinic acid dehy	Mm.6988
96487	100027	AW540988	null	null	null
18182	25723	AW539640	TC162380	null	Mm.28629
246230	409629	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
167967	120301	AW540941	TC186554	null	Mm.400
125611	86125	AW541013	TC200172	null	Mm.7884
29339	30878	AA409133	null	null	Mm.29658
22161	23401	AA409339	TC161912	null	Mm.28371
8409	4852	AW537861	TC162392	null	Mm.24794
20325	26977	AW537933	TC202573	null	Mm.25322
8965	15071	AA409179	TC187158	hypothetical protein A	Mm.3752
50022	52387	AA409157	TC178127	null	Mm.46266
112186	123977	AW537875	TC173405	null	Mm.21062
346166	396266	AW537940	null	null	Mm.18041
20282	28437	AW538652	TC200437	null	Mm.25316
87681	110413	AW538707	TC158345	null	Mm.86915
15583	18139	AW538770	TC162058	cyclin F	Mm.4008
342370	341439	AW538840	TC203939	null	Mm.28937
49957	38335	AW538663	TC174204	null	Mm.2862
305831	457613	AW538729	null	null	null
147740	141138	AW538783	TC186924	ALG-2 interacting protein AIP1	Mm.29816
106132	94120	AW538853	TC173996	null	Mm.28957
12055	19337	AW541455	TC188054	null	Mm.29082

52261	50652	AW541501	TC186991	null	Mm.27818
44121	46048	null	null	null	null
49490	44013	AW542416	TC203319	null	Mm.5584
131154	156020	AW541470	null	null	Mm.45780
1233398	1331707	AW542312	null	null	null
202261	199899	AW542378	TC202428	null	Mm.5648
251820	244885	AW542434	TC160854	null	Mm.20353
39165	36497	AA408676	TC170991	null	null
32442	39769	AA408798	TC173279	NFE2-related factor 1	Mm.6743
153122	163587	AA408766	TC200063	null	Mm.65020
9300	7543	AA409016	null	null	null
16130	29513	AA408701	null	null	Mm.36182
20128	23036	AA408808	TC174508	null	Mm.18834
15978	18890	AA408929	TC199651	null	Mm.36552
11524	18411	AA409042	TC167467	null	Mm.27527
24037	35474	AW538432	TC200563	p116Rip	Mm.2402
46248	39563	AW538490	TC159928	null	Mm.22514
14344	8864	AW538543	TC196797	null	Mm.66309
0	0	AW538594	TC190692	null	Mm.37819
0	0	AW538444	TC161358	null	Mm.41910
92593	89632	AW538502	null	null	null
0	0	AW538555	null	null	null
208532	215484	AW538606	null	null	null
248511	325572	AW539631	TC159457	vacuolar adenosine triphosphat	Mm.10727
70089	87222	AW539759	TC200821	mitochondrial outer membrane p	Mm.20843
19352	23545	AW539821	TC173947	aurora-related kinase 1	Mm.11738
120582	100685	AW540989	TC158863	cytochrome c oxidase VIIc (AA	Mm.43786
56250	51889	AW539643	TC163966	null	Mm.26103
358801	665197	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
201551	162836	AW540942	TC200930	phosphatidylinositol transfer	Mm.3128
0	0	null	null	null	null
19121	28927	AA409134	TC201787	null	Mm.27853
48293	52099	AA409340	TC189711	null	Mm.30866
0	0	null	null	null	null
101066	99130	AW537934	null	null	null
13307	15487	AA409213	null	null	Mm.24507
79315	83822	AA409161	TC157723	fascin	Mm.13194
70836	90905	AW537880	TC174780	null	Mm.21753
18637	16260	AW537941	TC203828	null	Mm.98228
114433	118416	AW538653	null	null	null
1867764	2275851	AW538715	TC160117	argininosuccinate synthetase (Mm.3217
11614	12448	AW538772	TC207659	null	null
48884	53271	AW538845	TC161713	null	Mm.28964
35458	41034	AW538664	TC201431	protein arginine methyltransfe	Mm.41705
113070	191294	AW538730	TC160348	null	Mm.35844
26411	28413	AW538790	TC202730	null	Mm.26734
16138	24718	AW538857	TC177132	putative serine/threonine prot	Mm.25120
825085	749441	AW541458	TC200006	null	Mm.30133
57225	77575	AW541504	TC160810	gelatinase	Mm.4406
0	0	AW542359	TC190858	null	Mm.31816
131169	138801	AW542423	TC189501	null	Mm.46034

16307	23265	AW541471	TC173726	null	Mm.41374
227100	373896	AW542316	TC161902	null	Mm.27118
566336	776301	AW542384	null	null	null
644048	625844	AW542440	null	null	null
129453	123167	AA408677	TC157612	thioredoxin reductase 1	Mm.44552
12291	17782	AA408801	TC202485	orotidine-5'-monophosphate dec	Mm.802
0	0	AA408768	null	null	Mm.2108
92330	94824	AA409023	null	null	Mm.22660
3089	3602	AA408705	null	null	null
0	0	AA408815	TC176592	null	Mm.28863
0	0	AA408938	TC157225	null	Mm.866
7825	6834	AA409056	TC190136	null	Mm.3741
40516	73299	AW538436	TC158294	protein inhibitor of nitric ox	Mm.29908
457630	418004	AW538495	TC187191	null	Mm.45233
263173	438339	AW538545	TC158902	null	Mm.87266
31747	18156	AW538597	TC173918	null	Mm.38011
0	0	AW538451	TC187532	null	Mm.28481
107796	102890	AW538503	TC200618	null	Mm.27173
24878	25107	AW538557	TC197644	null	Mm.102557
49444	62178	AW538608	TC173486	clathrin-associated protein 19	Mm.833
325517	309091	AW539633	TC174489	eRFS	Mm.28882
160881	167652	AW539762	TC160161	Rab10	Mm.9455
553662	1103444	AW540935	null	null	Mm.16820
61759	51051	AW540993	TC188641	null	Mm.1053
192730	194287	AW539644	TC189197	null	Mm.89683
87025	58515	AW539782	TC160286	Ndr1 related protein Ndr3	Mm.36775
22842	34632	AW540949	null	null	null
5828	9996	AW541418	TC175954	Nck-interacting kinase-like em	Mm.46745
29369	33170	AA408993	TC175544	null	Mm.24208
35220	41278	AA409341	TC161662	null	Mm.25581
312883	200837	AW537862	TC200418	null	null
7194	14375	AW537935	TC163028	null	Mm.28180
17923	22897	AA409216	null	null	Mm.1776
0	0	AA409368	TC172405	null	null
24866	48596	AW537882	TC159607	type 1 sigma receptor; mSigmaR	Mm.22745
27441	29207	AW537943	TC201067	clathrin-associated protein	Mm.2237
34213	40883	AW538656	TC190286	null	null
39452	37303	AW538719	TC175041	cyclin H	Mm.18474
122378	93444	AW538773	TC158927	null	Mm.44226
23852	26898	AW538849	TC201332	null	Mm.29174
0	0	AW538665	TC186957	null	Mm.3715
62855	59450	AW538732	TC174480	null	Mm.27206
88341	83057	AW538794	null	null	null
0	0	AW538858	TC165708	null	Mm.37850
7905	6543	AW541461	TC165457	null	Mm.80701
128673	135180	AW542303	TC203716	null	Mm.36585
822941	777758	AW542365	TC159522	ezrin	Mm.4551
63182	81111	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
20793	20859	AW541472	TC175034	annexin XI	Mm.1427
79549	128199	AW542318	TC200127	null	Mm.21559
52183	58942	AW542387	null	null	Mm.102700

301457	181095	AW542441	TC189187	null	Mm.17794
144734	135020	AA408678	TC186798	the third largest RNA polymera	Mm.2186
174198	311621	AA408802	TC199996	null	Mm.5290
32657	28948	AA408772	TC204069	null	Mm.76646
22720	23897	AA409025	null	null	null
39692	53930	AA408648	TC162001	null	Mm.25269
15705	13475	AA408817	null	null	Mm.3730
9657	10774	AA408915	TC173059	unnamed protein product	Mm.4271
115599	158622	AA409060	TC200268	null	Mm.21086
8287	13325	AW538437	TC187455	endonuclease-1	Mm.2952
81647	155132	AW538496	TC160869	onzin	Mm.34609
8850	10004	AW538547	TC174384	GATA-2 protein	Mm.1391
46605	53535	AW538599	null	null	null
0	0	AW538452	null	null	null
378333	678326	AW538507	TC206926	null	Mm.102555
17550	17048	AW538558	null	null	null
285990	221345	AW538610	null	null	Mm.102559
7578	10139	AW539634	TC187672	null	Mm.24576
36385	32583	AW539764	TC176133	null	Mm.11186
157674	144495	AW540938	TC173427	null	Mm.5885
30693	36845	AW540995	null	null	null
109385	124227	AW539647	TC158383	null	Mm.28000
20666	24989	AW539785	TC187627	null	Mm.29614
151929	245469	AW540951	TC197633	null	Mm.102633
41669	54940	AW541423	TC161950	null	Mm.36511
9598	13684	AA408997	TC187628	null	Mm.28063
315041	334010	AA409357	TC201843	CXCR-4	Mm.1401
36446	26269	AW537864	TC186708	iron response element binding	Mm.4927
35260	36269	AW537938	null	null	null
33859	41445	AA409218	TC201022	null	Mm.36879
5077	7373	AA409371	null	null	null
76239	96662	AW537887	TC173982	alien-like protein	Mm.3596
32424	31297	AW537947	TC189898	CLOCK	Mm.3552
83719	88456	AW538657	TC159269	null	Mm.28372
7047	13699	AW538723	TC201684	null	Mm.34564
186815	726824	AW538776	TC157679	rbm3	Mm.2591
12130	15897	null	null	null	null
519268	492475	AW538671	TC204419	collagen type V alpha 3 chain	null
11771	16803	AW538733	null	null	Mm.104498
125810	133709	AW538795	null	null	Mm.27656
931545	1331940	AW538859	null	null	null
4326	4960	AW541464	TC175324	null	Mm.41245
5753	8776	AW542307	TC201315	putative G-protein	Mm.19080
0	0	AW542367	TC189244	null	Mm.31931
37549	54144	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
806620	1987589	AW541474	null	null	Mm.4907
46512	56464	AW542319	TC166127	null	Mm.100049
103234	118569	AW542388	TC162493	null	Mm.38783
289954	368246	AW542443	TC186628	membrane protein TMS-2	Mm.29344
46981	22354	AA408683	TC187568	null	Mm.21110
19530	27015	AA408467	TC157718	null	Mm.4691

0	0	AA408891	null	null	Mm.3735
118250	143181	AA409027	TC174086	null	Mm.28018
32799	43372	AA408650	TC166214	null	Mm.24500
32343	32056	AA408830	TC188442	null	Mm.4271
11187	20318	AA408942	TC160232	platelet-activating factor ace	Mm.24199
118743	142578	AA409043	TC187143	null	Mm.21409
52766	98313	AW538438	null	null	Mm.7277
34718	54890	AW538497	TC160101	Lectin (AA 1 - 135)	Mm.43831
104666	102045	AW538548	TC159895	null	Mm.30245
0	0	AW538600	TC202269	null	Mm.29972
0	0	AW538454	TC189304	RNA binding protein FMRIP	Mm.21138
48032	67372	AW538510	TC160860	null	Mm.35492
417105	483305	AW538560	TC174389	null	Mm.13705
73951	86047	AW538614	TC187891	null	Mm.26696
10674	18806	AW539636	TC187572	null	Mm.29747
9653	8500	AW539777	null	null	null
22651	85813	AW540939	TC186904	syndecan (AA 1-311)	Mm.2580
11437	8666	AW541000	TC211289	null	Mm.102635
30113	49401	AW539649	TC200675	null	Mm.28343
9301	78771	AW539788	TC173782	metallothionien II	Mm.89170
52123	53409	AW540953	TC174777	null	Mm.28840
131880	145033	AW541424	null	null	null
0	0	AA409087	TC191590	null	Mm.29302
0	0	AA409155	null	null	null
7652	16622	AW537867	TC160608	SEC23B protein	Mm.28704
393219	478415	AW537940	null	null	Mm.18041
0	0	AA409220	TC160678	null	null
53704	67137	AA409372	TC189871	null	Mm.24483
68163	93479	AW537891	TC176340	null	Mm.18456
57073	85667	AW537949	TC174391	null	Mm.28786
266441	531773	AW538658	TC205770	null	Mm.37248
112675	108715	AW538725	TC158216	null	Mm.20818
67722	66574	AW538779	TC176305	null	Mm.33131
0	0	AW538851	TC205856	null	Mm.44505
29763	45725	AW538673	TC192877	null	Mm.70141
112242	120469	AW538734	TC201404	null	Mm.29398
55066	55963	AW538796	TC164204	null	Mm.74658
527186	305742	AW538861	TC173735	null	Mm.30073
8942	8811	AW541466	TC164879	null	Mm.26068
68610	61810	AW542310	TC200330	null	Mm.23929
57119	73507	AW542372	TC176050	S100 calcium-binding protein A	Mm.6523
186867	276555	AW542428	TC186808	adhesion regulating molecule A	Mm.28353
317029	680803	AW541476	TC200019	null	Mm.28370
65217	138400	AW542320	TC210002	null	Mm.39607
54998	49885	AW542391	TC191996	null	Mm.25468
61262	70310	AW542445	TC187431	null	Mm.33853
0	0	AA408689	TC174755	null	Mm.33883
122973	165432	AA408469	TC174665	null	Mm.29605
12427	22175	AA408924	TC158357	pelle-like protein kinase	Mm.38241
101171	74537	AA409031	TC160827	null	Mm.27733
0	0	AA408654	TC191541	null	Mm.3590

0	0	AA408834	TC201899	null	Mm.28879
0	0	AA408944	null	null	Mm.100534
0	0	AA409051	TC186716	3SG protein	Mm.25622
41956	49428	AW538439	TC190194	HS1 binding protein 3	Mm.41098
0	0	AW538500	TC164473	ZFP265	null
26585	31490	AW538550	TC187666	HNF-3/fork-head homolog-1	Mm.455
76606	57935	AW538602	TC200582	null	Mm.29455
0	0	AW538455	TC178951	null	Mm.100633
0	0	AW538515	TC157719	prenidogen (AA -28 to 1217)	Mm.4691
0	0	null	null	null	null
0	0	AW538618	TC163438	null	Mm.28857
0	0	AW539639	null	null	Mm.2944
12693	12125	AW539778	TC207617	null	Mm.103348
6780	10732	AW540940	TC180467	null	Mm.102655
5694	7657	AW541003	TC159768	null	Mm.30851
44633	55388	AW539653	TC207771	null	null
5641	5687	null	null	null	null
21253	21979	AW540955	TC189618	null	Mm.38743
13023	13346	AW541426	TC189330	null	Mm.28204
46356	30857	AA409174	null	null	null
20311	31684	AA409156	null	null	Mm.24509
35129	51817	AW537868	TC174693	null	Mm.27750
433038	519375	AW537940	null	null	Mm.18041
0	0	AA409201	null	null	null
0	0	AA409373	TC203598	null	Mm.22139
127227	131346	AW537892	null	null	null
1000570	823496	AW537950	TC160293	null	Mm.34832
126339	116271	AW538660	TC163270	null	Mm.11285
424371	415998	AW538726	null	null	Mm.102562
70303	52399	AW538782	null	null	null
169514	200049	AW538852	TC159918	null	Mm.2756
57601	54919	AW538674	TC175565	null	Mm.6960
159641	147249	AW538736	null	null	null
0	0	AW538800	null	null	null
24015	26371	AW538862	TC187325	null	Mm.29503
18798	16333	AW541468	TC173520	null	Mm.29849
44763	53764	AW542311	TC189608	null	Mm.9239
279820	361488	AW542375	TC174407	N-acetylglucosamine (beta1-4)	Mm.100115
78506	86866	null	null	null	null
71255	71798	AW541478	TC157952	null	Mm.28852
216911	209005	AW542322	null	null	null
37366	43142	AW542393	null	null	null
1533884	1953174	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
59588	53792	AW544084	TC160536	null	Mm.28952
0	0	null	null	null	null
0	0	AW543959	null	null	null
0	0	AW544018	null	null	Mm.22702
600601	681915	AW544100	null	null	Mm.102739
9066	7888	AW544164	null	null	null

51051	56899	AW545127	TC203156	null	Mm.40796
0	0	AW545234	TC201453	null	Mm.34675
12723	9488	AW545301	TC160073	aspartyl aminopeptidase	Mm.24680
12582	9032	AW545347	TC162203	null	Mm.41622
9715	16448	AW545159	TC187467	null	Mm.87437
0	0	AW545257	TC189980	PRP precursor (aa -25 to 219)	Mm.3258
60541	63730	AW545312	TC186545	null	Mm.21905
41925	66006	AW545358	TC174851	null	Mm.19031
121947	79223	AW536333	TC173200	null	Mm.2140
13811	22308	AW536404	TC200032	brain expressed X-linked prote	Mm.14768
17028	7160	AW536443	TC191421	WNT-2	Mm.33653
12348	8833	AW536482	TC161469	hydrophilic protein	Mm.2948
41526	42387	AW536416	TC189081	Ki-67	Mm.4078
0	0	null	null	null	null
22155	28212	null	null	null	null
6334	7932	AW544216	TC203326	alpha-adaptin (A) (AA 1-977)	Mm.6877
15341	9655	AW544281	TC162524	ASC-1	Mm.27462
12652	16681	AW544350	TC160728	null	Mm.7906
23041	27306	AW544408	TC187318	mitotic checkpoint protein BUB	Mm.927
22260	26988	AW544238	null	null	Mm.102744
21449	29802	AW544304	TC176338	null	Mm.21492
263718	223318	AW544362	TC173635	coronin-2	Mm.28652
29255	25070	null	null	null	null
32128	20049	AW545415	null	null	null
212533	224046	null	null	null	null
0	0	null	null	null	null
37500	40694	null	null	null	null
18860	21664	AW545434	TC200279	null	Mm.41699
36289	37023	AW545583	TC157269	null	Mm.15974
201517	255772	AW545645	TC159944	tropomyosin 5	Mm.17306
39731	37752	AW545764	TC202960	null	Mm.39006
40940	60421	AW536533	TC201577	TFIID	Mm.43711
85691	80991	AW536586	TC203975	null	Mm.73361
316102	286255	AW536641	TC186991	null	Mm.27818
235324	285729	AW536706	TC159742	Tat binding protein-1	Mm.20946
1093800	1057557	AW536544	TC159803	ARF1	Mm.6836
0	0	AW536600	TC162005	null	Mm.28834
299546	449718	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
0	0	AW536719	TC205651	null	Mm.25995
32005	32619	AW543944	TC160552	null	Mm.29067
28001	38875	AW544008	TC173453	Clcn3 (chloride channel 3)	Mm.28842
63299	68671	AW544088	TC161107	null	Mm.21065
9409	11201	AW544148	TC158678	null	Mm.35123
53483	57339	AW543960	null	null	Mm.102734
10564	18282	AW544022	TC160705	null	Mm.27695
13991	9731	AW544107	TC203070	tumor rejection antigen P815A	Mm.1297
0	0	AW544165	TC188919	null	Mm.29886
116415	337116	AW545135	TC174457	null	Mm.34526
47295	45855	AW545236	TC173923	null	Mm.27332
87951	119982	AW545303	null	null	Mm.102784
0	0	AW545349	TC203310	null	Mm.27697

13687	13015	AW545162	TC189448	null	Mm.1828
23793	21976	AW545262	TC201139	null	Mm.4449
211284	292635	AW545313	TC200135	CCTeta, eta subunit of the cha	Mm.914
57106	48909	AW545359	TC174955	null	Mm.25558
41837	60087	AW536335	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
0	0	AW536406	null	null	null
7344	6832	AW536445	TC176200	null	Mm.27651
0	0	AW536486	TC178690	null	Mm.100765
22326	30944	AW536348	TC175631	null	Mm.29203
39188	46620	AW536417	TC187276	null	Mm.86453
17609	22303	AW536452	TC201919	null	Mm.26885
57127	62435	AW536499	null	null	null
78254	76658	AW544217	TC174173	null	Mm.27170
49254	67036	AW544285	TC186848	inhibitory G protein of adenyl	Mm.4284
33249	34650	AW544351	TC201433	KAP3A	Mm.4651
66842	109915	AW544412	TC199918	null	Mm.40068
0	0	AW544239	TC203439	null	Mm.57255
214542	246595	AW544308	TC173701	mDj11	Mm.22244
30875	31131	AW544366	TC173766	null	Mm.30272
0	0	AW544435	TC192759	EPCS68	null
20174	45860	AW545419	TC158711	null	Mm.88548
30475	36186	AW545564	TC174657	null	Mm.27890
0	0	AW545633	TC160713	TFIIH transcription/DNA repair	Mm.10182
218707	238763	AW545686	null	null	null
9832	16553	null	null	null	null
29667	31669	AW545585	TC177332	null	Mm.23575
192902	258353	AW545645	TC159944	tropomyosin 5	Mm.17306
20441	17920	AW545777	TC159832	proteasome subunit C2	Mm.30097
63818	110506	AW536536	TC162165	alpha-catenin related protein	Mm.25400
64192	57717	AW536587	TC161515	muskelin	Mm.20930
222217	199588	AW536643	TC158185	glutathione peroxidase	Mm.1090
65402	80192	AW536708	TC186796	null	Mm.27357
63645	60040	AW536547	TC160925	null	Mm.29424
15162	18574	AW536604	TC204273	null	null
192193	279241	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
0	0	AW536721	TC173425	Phosphatidic acid phosphatase	Mm.2598
48297	48166	AW543947	null	null	null
0	0	AW544009	TC176310	null	Mm.41538
96684	91687	AW544089	TC200659	null	Mm.29998
26043	32094	AW544149	TC159051	ubiquitin fusion-degradation 1	Mm.1830
0	0	AW543965	TC157823	null	Mm.35105
827867	669165	AW544025	TC174352	null	Mm.29646
25271	31270	null	null	null	null
62068	51377	AW544168	TC163575	null	Mm.30876
94506	83244	AW545138	TC187899	null	Mm.26392
171760	221544	AW545241	TC159944	tropomyosin 5	Mm.17306
243859	213572	AW545304	TC173516	null	Mm.24463
39214	55212	AW545351	TC161294	p33 RSP-1	Mm.905
0	0	AW545173	TC205083	null	Mm.100640
48488	42238	AW545266	TC187795	D7H11orf15 protein	Mm.35680
91217	108284	AW545314	TC161947	FIN16 gene product	Mm.2999

14532	14788	AW545363	TC187220	null	Mm.41043
27013	161332	AW536336	TC159456	stearoyl-CoA desaturase 2	Mm.298
0	0	null	null	null	null
11240	13730	AW536446	TC173298	CA XIV	Mm.34556
15498	18710	AW536488	TC157919	null	Mm.103606
49660	76509	AW536349	TC189405	null	Mm.41166
15589	19832	AW536418	TC160471	p93	Mm.34248
30890	34476	null	null	null	null
46702	47549	AW536500	TC159016	null	Mm.35808
41276	33307	AW544226	null	null	Mm.34775
7191	153800	AW544289	TC202708	null	Mm.22260
56352	38544	AW544356	TC161069	null	Mm.38607
52162	82102	AW544418	TC186828	null	Mm.24745
28485	28695	AW544241	TC160705	null	Mm.27695
634221	721875	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
3612	4382	AW544369	TC176892	null	Mm.23594
35451	36204	AW544437	TC188910	null	Mm.22582
30188	41076	AW545420	TC200741	signal recognition particle su	Mm.89927
37021	42095	AW545565	TC187420	galactokinase	Mm.2820
78620	87711	AW545634	TC188120	Trp4-associated protein TAP1	Mm.27942
22833	20326	AW545696	TC174567	null	Mm.25559
4876	1673	AW545445	TC176348	null	Mm.29389
27324	26106	AW545586	TC200481	beta-glucuronidase	Mm.3317
26698	31343	AW545652	TC160205	ubiquitin like protein	Mm.196
17662	20117	AW545778	TC180810	null	Mm.89921
61243	54902	AW536538	TC174138	null	Mm.29904
0	0	AW536591	null	null	null
165441	148164	AW536647	TC200674	null	Mm.27107
12856	14217	AW536712	TC173609	null	Mm.4502
1385205	2556209	AW536552	null	null	Mm.102505
245255	179204	AW536605	TC165898	null	Mm.102508
62681	59795	AW536664	TC175629	transmembrane protein 2	Mm.26702
82888	128404	AW536723	TC173194	null	Mm.29815
21544	21378	AW543952	TC189347	null	Mm.30455
18613	23870	AW544013	TC197036	null	Mm.102717
21809	18731	AW544093	TC175234	ABC transporter	Mm.28663
38805	40212	AW544153	TC160567	null	Mm.21919
432611	423114	AW543967	TC190333	null	Mm.31345
74875	61168	AW544026	TC204383	null	Mm.103409
0	0	null	null	null	null
113243	103270	AW544170	TC159885	Lasp-1	Mm.21387
59387	127672	AW545145	TC187110	null	Mm.38279
157788	170078	AW545246	TC186518	null	Mm.21966
35493	42362	AW545306	TC173770	null	Mm.13823
80353	126409	AW545354	TC187921	sid2057p	Mm.24231
8616	7607	AW545175	TC173294	metastasis associated protein	Mm.25339
44278	51234	AW545267	TC160630	null	Mm.29608
77421	82419	AW545316	TC177896	null	Mm.87290
84865	116669	AW545365	TC160208	null	Mm.22667
63523	72719	AW536337	TC174256	actin-related protein 11	Mm.29317
103405	169925	AW536410	TC186421	TGF-beta receptor binding prot	Mm.18921

187290	325322	AW536447	null	null	null
7588	9321	AW536489	TC178156	null	Mm.82580
18865	22646	AW536354	TC175814	null	Mm.9856
22422	26739	AW536419	TC189366	null	Mm.41591
206363	123598	AW536456	TC173404	succinate dehydrogenase lp sub	Mm.29141
17664	16920	AW536501	TC191020	null	Mm.45101
6594	13356	AW544229	TC187491	null	Mm.30243
146487	183120	AW544294	TC159871	null	Mm.27560
58912	34445	AW544358	TC201385	null	Mm.39297
19450	23470	AW544421	TC187843	A6 protein tyrosine kinase hom	Mm.100827
19625	18652	AW544248	null	null	null
637958	721041	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
16068	20283	AW544370	TC157979	null	Mm.103456
0	0	AW544438	null	null	Mm.104502
17873	16895	AW545422	null	null	null
258877	266421	AW545567	null	null	null
19400	15344	AW545635	TC187098	null	Mm.27235
2455	3250	AW545697	TC157710	unnamed protein product	Mm.21514
30423	37858	AW545446	TC176106	SH3 domain-containing adapter	Mm.20882
4282	16126	AW545587	TC160336	null	Mm.29586
13041	12507	AW545653	TC186829	null	Mm.21873
12665	15504	AW545783	TC165651	null	Mm.39867
17993	34776	AW536539	TC174755	null	Mm.27743
383020	399086	AW536592	TC186746	D-type cyclin	Mm.3141
113738	125835	AW536649	TC201239	null	Mm.21773
7859	9975	AW536713	TC190584	null	Mm.33831
7308	7396	AW536553	TC190345	null	Mm.27333
434645	370400	AW536606	TC160238	DnaJ-like protein	Mm.27897
205659	274391	AW536666	TC186487	non-histone chromosomal high-m	Mm.16421
32319	38010	null	null	null	null
18914	17545	AW543953	TC201346	null	Mm.30208
82336	90061	AW544015	TC175122	null	Mm.18520
86698	149431	AW544095	TC186874	lamin C2	Mm.3438
40590	51426	AW544155	TC186858	FBP 21	Mm.20938
57458	37464	AW543969	TC200643	putative membrane associated p	Mm.9052
228893	217744	AW544029	null	null	Mm.28780
15058	14753	AW544111	TC188551	null	Mm.21532
0	0	AW544172	TC178154	null	Mm.102767
232030	193931	AW545152	TC187081	null	Mm.44227
15312	12978	AW545249	TC161313	null	Mm.28776
304368	382004	AW545310	TC173335	pendulin	Mm.12508
54830	57390	AW545355	TC187809	null	Mm.59950
6792	8883	AW545177	TC211347	null	Mm.102779
442143	484610	AW545272	null	null	null
438584	370013	AW545317	null	null	null
0	0	AW545369	TC191649	null	Mm.83632
17150	23979	AW536340	TC189553	Mess1	Mm.90272
11203	16019	AW536411	TC175597	null	Mm.29721
36065	39581	AW536449	TC200371	null	Mm.2500
10349	9907	AW536490	TC200946	ISOT	Mm.3571
13549	17795	AW536356	TC188982	Daxx	Mm.28118

18591	49323	AW536420	TC173332	phosphofructokinase	Mm.1166
175424	194530	AW536457	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
35715	28141	AW536502	TC173946	null	Mm.29308
0	0	AW544232	TC175800	null	Mm.17359
0	0	AW544296	TC186792	LNR42	Mm.27728
4218	7770	AW544359	TC174193	pre P-cadherin (AA -27 to 795)	Mm.4658
19854	25064	AW544430	TC187677	null	Mm.23824
16487	14111	AW544249	TC177073	null	Mm.39963
54449	67341	AW544314	TC160798	formin binding protein 11	Mm.87658
274572	359864	AW544371	TC173154	dead-box RNA helicase	Mm.18459
107607	67119	AW544440	TC188761	null	Mm.24647
28543	42202	AW545424	TC160408	null	Mm.34570
14680	26559	AW545568	TC158937	ctla-2-beta protein (141 AA)	Mm.22715
23994	41366	AW545639	TC200133	A10	Mm.16898
10299	14078	AW545698	TC176581	null	Mm.25649
0	0	null	null	null	null
20580	35415	AW545588	TC188958	null	Mm.37567
48353	27833	AW545655	TC161996	null	Mm.63425
0	0	AW545785	TC190411	null	Mm.46758
234172	328439	null	null	null	null
118030	111126	AW536594	TC163383	null	Mm.1896
9996	12242	AW536656	TC202788	short chain acyl-CoA dehydroge	Mm.18759
0	0	AW536714	TC165167	null	Mm.100605
10217	12750	AW536559	null	null	Mm.102506
202506	361542	AW536609	TC186862	centrosomin B	Mm.2238
106418	141926	null	null	null	null
94572	95388	AW536726	TC160856	aminopeptidase	Mm.29824
0	0	AW543954	TC173462	ubiquitin-homology domain prot	Mm.7353
10999	7694	AW544017	null	null	Mm.2632
65664	56362	AW544098	TC186827	mitogen-activated protein kin	Mm.30629
9918	6520	AW544157	TC202132	transcription factor NF-YC sub	Mm.27220
0	0	AW543971	TC157751	null	Mm.21679
138519	145156	AW544036	null	null	null
0	0	AW544115	TC200259	null	Mm.4290
163957	182075	AW544177	TC157735	transgelin	Mm.22632
20124	23282	AW545158	TC161115	null	Mm.25157
323836	144392	AW545252	TC187964	null	Mm.21623
23873	19442	AW545311	TC164814	null	Mm.80584
0	0	AW545357	null	null	null
0	0	null	null	null	null
12899	24668	AW545274	TC187260	null	Mm.31630
105186	142642	AW545318	TC160139	proliferating cell nuclear ant	Mm.7141
18009	17469	AW545371	TC159155	null	Mm.35481
11831	12414	AW536342	TC200556	null	Mm.28892
38951	36525	AW536415	TC189643	null	Mm.34200
16235	17871	AW536450	TC164481	null	Mm.41855
23101	15063	AW536492	TC158353	cyclin E2	Mm.22136
254145	321482	AW536359	TC173296	null	Mm.11204
337718	577827	AW536421	null	null	null
19802	23199	AW536458	null	null	null
0	0	AW536503	TC160620	null	Mm.29078

8812	9683	AW544236	TC176515	prolactin-like protein M	Mm.23585
60258	65124	AW544299	TC160269	unknown	Mm.396
285686	296449	null	null	null	null
69054	75947	AW544431	TC200490	null	Mm.36900
14869	40634	AW544251	null	null	null
21278	23786	AW544317	TC186700	proteasome subunit iota	Mm.30210
50591	72706	AW544372	TC187357	null	Mm.28053
0	0	AW544441	TC189899	null	Mm.27143
35917	34164	AW545427	TC176537	null	Mm.27268
54130	39659	AW545573	TC158464	IL-2 receptor gamma precursor	Mm.2923
39026	17155	AW545641	TC160313	null	Mm.730
27009	22374	AW545699	TC187915	serine/threonine phosphatase	Mm.849
0	0	AW545451	TC157845	null	Mm.41801
227187	171777	AW545589	TC175978	prediabetic NOD sera-reactive	Mm.18805
0	0	AW545656	TC200664	placental lactogen	Mm.30271
26823	26209	AW545786	null	null	null
13245	17942	AW536542	TC157369	null	Mm.100588
309211	318819	AW536599	TC160219	14-3-3 eta protein	Mm.3308
55794	56839	AW536657	TC173866	null	Mm.29856
8455	7509	AW536715	TC177195	null	Mm.45342
13503	11686	AW536563	TC202192	null	Mm.21637
100569	227851	AW536614	TC161186	null	Mm.22260
0	0	AW536672	TC204253	null	Mm.44282
75649	124794	AW536727	TC188273	null	Mm.16976
51166	98120	AW537100	TC176148	natural resistance associated	Mm.1304
27747	28666	AW537174	null	null	Mm.29888
517885	566319	AW537218	TC187147	p53 apoptosis-associated targe	Mm.28209
34160	37693	AW537265	TC158551	null	Mm.41651
84480	163930	AW537114	TC160312	null	Mm.28291
60379	67181	AW537187	null	null	null
60558	76948	AW537232	TC163821	null	Mm.41508
35269	38504	AW537279	TC200038	myristoylated alanine-rich C-k	Mm.30059
11437	11389	C76152	TC201306	null	Mm.27792
0	0	C76223	null	null	null
11836	9212	C76308	TC201349	null	Mm.27182
0	0	C76411	null	null	null
0	0	C76166	null	null	Mm.28004
364751	334399	C76256	TC202466	null	Mm.29023
10315	13419	C76325	null	null	Mm.34928
0	0	C76444	TC187546	SKD2	Mm.1117
21780	30007	C77497	TC174441	null	Mm.27828
3488	5312	C77557	null	null	null
0	0	C77617	null	null	null
90030	91026	C77685	TC201933	null	Mm.25743
0	0	C77519	null	null	null
17506	15114	C77575	TC191198	null	Mm.22107
0	0	C77631	null	null	null
0	0	C77701	null	null	null
36764	21324	AW537329	TC174734	null	Mm.26168
59331	46218	AW537380	TC203533	null	Mm.21081
20179	17053	AW537427	TC159943	Tum-P91A antigen	Mm.12194

7848	5754	null	null	null
69420	100589	AW537342	null	Mm.1776
89007	120977	AW537395	TC187093	E6-AP ubiquitin protein ligase Mm.9002
396649	337320	AW537453	TC173646	beta prime coatomer protein Mm.18729
0	0	null	null	null
205704	250792	C76488	TC158918	UbcM4 protein Mm.3074
77027	70524	C76608	TC177305	null Mm.35597
0	0	C76712	TC176267	null Mm.34131
0	0	C76804	null	null
0	0	C76514	TC175522	secretory protein containing t Mm.1421
37658	34150	C76643	null	null Mm.5519
0	0	C76746	TC188305	null Mm.24563
0	0	C76817	null	null
9657	13413	C77761	TC204017	null Mm.27619
4061	6088	C77847	null	null
9237	7330	C77948	null	null
19458	14222	C78014	TC185598	null Mm.63506
36972	40295	C77786	TC169756	null Mm.24969
282332	314383	C77865	TC190103	null Mm.24972
130596	113201	C77959	TC189349	syntaxin 3A Mm.5122
88061	50740	C78030	null	null
99177	133894	AW537102	TC160752	null Mm.27804
137506	258284	AW537176	TC160173	deubiquitinating enzyme Mm.26234
121671	151242	AW537219	TC187454	null Mm.24092
14639	11878	AW537267	TC191769	null Mm.87741
163290	155094	AW537120	null	null
874211	696618	AW537188	TC159439	protein 41 null
779073	609612	AW537237	TC173114	ARL-6 interacting protein-1 Mm.29924
70978	88011	AW537281	TC174679	null Mm.27611
21003	16690	C76153	null	null
20137	15668	C76229	TC161135	null Mm.28932
0	0	C76309	null	null
8268	10552	C76420	null	null
321721	271061	C76167	TC173223	cytochrome c oxidase subunit I Mm.2136
19831	24473	C76257	null	null Mm.24899
18810	18179	C76329	null	null
0	0	C76450	null	null
52550	66806	C77498	TC204170	null Mm.24956
0	0	C77559	TC201018	null null
0	0	C77618	null	Mm.24960
11290	9541	C77687	TC176336	null Mm.28252
5065	8937	C77520	null	null
13603	12435	C77576	null	null
18306	27125	C77645	TC166224	null Mm.35124
40585	32562	C77703	TC201290	GTP binding protein Mm.1597
133816	217397	AW537330	TC200521	null Mm.28839
20371	37349	null	null	null
60203	71634	AW537432	TC158328	ring-box protein 1 Mm.29405
40596	46014	AW537497	TC161168	null Mm.8903
154430	138563	AW537344	TC189489	null Mm.30648
70245	64295	AW537398	TC160977	vacuolar adenosine triphosphat Mm.20476

186346	229511	AW537454	TC159926	null	Mm.27344
129264	108372	AW537505	TC186688	3-hydroxy-3-methylglutaryl-CoA	Mm.22668
20963	19510	C76489	null	null	Mm.24912
5898	6325	C76610	TC190824	null	Mm.85763
18233	23772	C76714	null	null	Mm.103682
0	0	C76805	TC187662	myosin light chain	Mm.43
14621	12512	C76523	TC161997	null	Mm.5510
154811	173694	C76660	TC200550	null	Mm.25787
29962	32486	C76747	TC175057	null	Mm.34514
9030	6341	C76818	TC188643	endomucin	Mm.27343
0	0	C77766	TC161703	null	Mm.26609
25951	33867	C77855	TC201162	null	Mm.26740
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0	0	C77872	null	null	null
0	0	C77960	null	null	null
0	0	C78031	TC161938	null	Mm.27851
16678	25737	AW537108	TC190560	precursor laminin A chain (AA	Mm.243
61940	78955	AW537177	TC173504	HP1 alpha protein	null
232447	268027	AW537221	TC161538	null	Mm.5378
37728	45742	AW537268	TC160519	guanine nucleotide exchange fa	Mm.29128
61158	21076	AW537122	TC176223	null	Mm.7326
24338	25940	AW537190	TC187521	null	Mm.28378
173753	163915	AW537243	TC186867	vacuolar adenosine triphosphat	Mm.29045
25701	20207	AW537286	TC204206	null	Mm.77702
4429	3781	C76156	null	null	Mm.103182
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57543	47816	C76314	TC174076	null	Mm.27989
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280738	396939	C76172	null	null	null
12987	18011	C76259	null	null	null
31171	30553	C76331	null	null	Mm.24902
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23868	25337	C77501	TC201544	null	Mm.35121
20448	28779	C77560	TC204183	null	Mm.72994
288865	283099	C77621	TC173614	null	Mm.21684
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20368	28794	C77521	null	null	null
8694	15960	C77577	TC173657	null	Mm.22456
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0	0	C77704	null	null	null
89828	120482	AW537331	TC204838	null	Mm.41937
179693	169509	AW537382	TC202337	null	Mm.27852
21282	25345	AW537445	TC159913	null	Mm.27429
114999	175963	AW537499	TC163290	null	Mm.45286
954877	532705	AW537347	TC201555	null	Mm.21108
21314	24128	AW537400	TC158011	null	Mm.38222
63823	60352	AW537455	null	null	Mm.8302
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15868	12293	C76493	null	null	null

0	0	C76615	null	null	null
0	0	C76732	null	null	null
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0	0	C76749	null	null	null
0	0	C76819	TC180996	null	Mm.5540
8959	9132	C77772	TC157296	null	Mm.78093
46110	55231	C77858	TC203357	null	Mm.27184
8171	10458	C77950	null	null	null
54937	69542	C78022	TC201262	null	Mm.33394
19064	25138	C77788	null	null	null
0	0	C77874	TC172317	null	Mm.24973
43440	29525	C77964	TC206659	null	Mm.36430
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240817	270172	AW537110	null	null	null
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87002	101158	AW537224	TC189374	null	Mm.24069
23901	32371	null	null	null	null
86867	99153	AW537125	TC175548	null	Mm.76059
134212	195421	AW537192	TC188298	null	Mm.30699
479760	366526	AW537244	null	null	Mm.10530
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0	0	C76233	TC172890	null	Mm.100060
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207114	288116	C76173	TC160619	protein-tyrosine-phosphatase	Mm.27122
110865	149803	C76261	null	null	Mm.24900
388016	551009	C76332	null	null	Mm.24903
23594	31510	C76453	null	null	null
90076	94968	C77513	TC187299	G protein gamma 5 subunit	Mm.21955
15141	8313	C77563	null	null	null
0	0	C77623	null	null	null
10804	14320	C77691	TC212561	null	Mm.24964
0	0	C77522	null	null	null
30815	23917	C77579	TC200367	cellular repressor of E1A-stim	Mm.459
9580	11043	C77649	null	null	null
7826	10770	C77710	null	null	null
70529	74898	AW537334	TC186810	null	Mm.21132
25636	30403	AW537390	null	null	Mm.102524
142699	185674	AW537446	TC157649	transcription factor S-II	Mm.87235
91647	77874	AW537499	TC163290	null	Mm.45286
36696	44600	AW537349	TC202950	null	Mm.25188
103501	115633	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
0	0	AW537457	null	null	null
27252	36478	AW537507	TC200064	high mobility group protein ho	Mm.340
17388	18236	C76498	TC177913	null	Mm.44322
0	0	C76628	null	null	Mm.5518
0	0	C76736	null	null	null
13720	16408	C76810	TC187100	TNF-alpha converting enzyme pr	Mm.27681

10712	15562	C76533	null	null	Mm.13212
21078	24412	C76664	null	null	null
353657	727701	C76750	TC199957	TIS	Mm.27927
130706	168422	C76820	TC162261	null	Mm.22270
79176	94293	C77773	TC187182	LNXP70	Mm.24084
24584	23199	C77860	null	null	null
0	0	C77952	TC202037	null	Mm.29043
7934	8451	C78024	null	null	null
3751	8458	C77789	TC186951	null	Mm.21455
19029	15938	C77876	null	null	null
41369	78700	C77965	TC161537	aldose reductase-related prote	Mm.5378
0	0	C78037	null	null	Mm.5668
9761	31632	AW537111	TC204505	T	Mm.913
371288	568459	AW537185	TC202054	null	Mm.1947
39681	44403	AW537225	TC159002	RAD54	Mm.3655
265075	260213	AW537276	TC163216	cripto	Mm.5090
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1766321	2420920	AW537194	null	null	null
1584921	2681914	AW537247	TC199996	null	Mm.5290
25782	30067	AW537288	null	null	null
18326	12997	C76158	TC191611	null	Mm.25272
16315	28093	C76242	null	null	null
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70186	74896	C76431	null	null	null
147508	144157	C76174	TC207562	null	Mm.36526
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237582	307483	C76333	TC173151	cystatin C	Mm.4263
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0	0	C77517	null	null	Mm.18137
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0	0	C77692	null	null	Mm.24965
0	0	C77523	null	null	null
7571	14331	C77580	null	null	null
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255125	223336	C77712	TC173427	null	Mm.37061
10759	16381	AW537338	TC173209	null	Mm.29931
180604	230173	AW537392	TC186864	null	Mm.28976
33553	17408	AW537449	TC161287	null	Mm.21864
155469	126781	AW537501	TC157732	null	Mm.22179
39026	38731	AW537352	TC177388	preprothyrotropin-releasing ho	Mm.1363
163872	165457	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
17535	20498	AW537458	TC203738	null	Mm.91081
69173	71680	AW537510	TC200362	ablphilin-1	Mm.695
77158	84560	C76499	TC176716	null	Mm.36822
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6380	10322	C77776	null	null	Mm.5650
543515	591097	C77861	TC190103	null	Mm.24972
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10817	12796	C78025	TC203119	null	Mm.46000
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5119	6216	C77889	TC157883	ubiquitin-conjugating enzyme	Mm.12921
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1943407	1883235	AW537186	null	null	Mm.102518
14666	21132	AW537231	TC177089	null	Mm.1725
39646	45709	AW537278	TC161994	null	Mm.1668
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171290	152734	AW537195	TC187815	null	Mm.35854
235766	369174	AW537247	TC199996	null	Mm.5290
30733	32634	AW537289	TC190825	null	Mm.39466
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23729	29353	C76436	null	null	null
92560	112015	C76175	TC189255	null	Mm.29383
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108202	74064	C77627	TC159058	hepatocyte growth factor activ	Mm.104454
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33676	42280	C77524	TC173797	null	Mm.1963
12850	14904	C77581	null	null	null
46183	48641	C77656	TC173809	preprodipeptidyl peptidase I	Mm.684
21247	26093	C77713	TC178323	null	Mm.44882
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17957	22588	AW537502	TC161264	phosphoprotein	Mm.489
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63880	60869	C76814	TC200683	cyclin G1	Mm.2103
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18675	22289	C78693	TC158412	Cdc25a	Mm.29800
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14950	11135	C80029	TC159111	null	Mm.27506
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26358	30212	C81268	null	null	Mm.25109
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19881	25407	C81435	null	null	null
39235	16484	C81194	TC187488	heat shock protein 105 kDa bet	Mm.34828
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0	0	C79002	null	null	null
24599	12712	C79059	null	null	null
7507	5737	C79142	TC189109	elongin A	Mm.27663
7626	6998	C78959	TC189368	null	Mm.28624
41681	59683	C79017	null	null	null
0	0	C79089	TC202025	persyn	Mm.22231
13562	15778	C79157	TC187839	SRG3	Mm.1050
24804	31734	C80113	null	null	Mm.25088
0	0	C80168	null	null	null
80408	70310	C80237	null	null	null
0	0	C80310	null	null	null
44986	41608	C80126	TC202898	jerky	Mm.20971
7521	10224	C80184	TC157235	null	Mm.25319
0	0	C80258	TC166343	null	Mm.63507
19051	15292	C80347	TC166424	null	Mm.21147
40486	38923	C81536	TC168096	null	null
67704	57178	C85066	TC178836	null	Mm.25369
10884	8235	C85133	null	null	null
0	0	C85206	null	null	null
0	0	C81557	null	null	null
0	0	C85080	null	null	null

0	0	C85149	null	null	null
0	0	C85225	TC195817	null	Mm.36315
79071	138529	C78694	TC160372	null	Mm.28866
7936	7723	C78770	null	null	null
0	0	C78834	null	null	Mm.43984
0	0	C78889	null	null	Mm.5764
19744	9600	C78711	TC202525	null	Mm.27033
13079	15767	C78789	TC173913	null	Mm.29434
21709	35703	C78845	TC188887	casein kinase	Mm.30199
0	0	C78901	null	null	null
20554	11938	C79778	null	null	Mm.99776
0	0	C79862	TC172357	null	Mm.25054
11273	7439	C79952	TC163293	null	Mm.31129
28511	16834	C80039	TC200735	aspartate aminotransferase	Mm.19039
0	0	C79806	TC202514	null	Mm.24658
57459	318597	C79876	TC172357	null	Mm.25054
0	0	C79967	TC183908	null	Mm.25057
0	0	C80060	null	null	Mm.25090
0	0	C81184	null	null	null
0	0	C81269	null	null	null
0	0	C81353	TC190526	null	Mm.4512
0	0	C81436	null	null	null
56600	59423	C81197	TC159969	putative membrane-associated g	Mm.88645
10321	1642	C81285	null	null	null
0	0	C81369	null	null	null
0	0	C81461	null	null	null
4208	7242	C78950	null	null	null
10395	15032	C79004	TC174190	Bcl-2-binding protein BIS	Mm.28373
0	0	C79144	null	null	null
0	0	C78961	TC175069	Chk1; checkpoint kinase	Mm.16753
0	0	C79025	null	null	Mm.5781
6740	5035	C79102	null	null	Mm.5866
13533	20068	C79158	TC163622	null	Mm.5794
12109	13289	C80117	TC161901	calcium modulating cyclophilin	Mm.2313
0	0	C80171	null	null	Mm.25064
0	0	C80243	null	null	Mm.25066
5038	7602	C80315	null	null	null
14199	17188	C80129	TC176968	null	Mm.6863
75921	109977	C80185	TC159816	null	Mm.18700
24451	30812	C80260	TC163892	null	Mm.41145
0	0	C80359	TC185612	null	Mm.13325
0	0	C81537	null	null	null
0	0	C85067	null	null	null
25416	21094	C85134	TC186587	unnamed protein product	Mm.3765
51370	59415	C85208	TC187243	uvomorulin (711 AA)	Mm.35605
0	0	C81568	null	null	Mm.34949
9994	21097	C85082	TC176586	null	null
14225	15585	C85150	TC201027	lymphotoxin-beta receptor	Mm.3122
0	0	C85227	null	null	null
0	0	C78697	null	null	null
16338	20218	C78772	TC187091	myo-inositol 1-phosphate synth	Mm.29357

452225	494301	C78835	TC159560	cytoskeletal beta-actin	Mm.297
0	0	C78891	null	null	Mm.100610
11451	12307	C78716	TC202459	null	Mm.21705
55397	38375	C78790	TC157730	null	Mm.1103
0	0	C78846	TC188278	glucose transporter	Mm.7241
0	0	C78902	null	null	null
23992	23964	C79779	TC162323	null	Mm.23710
21352	28620	C79866	TC177879	null	Mm.23606
0	0	C79955	null	null	null
30706	40760	C80043	TC158963	SLM-1	Mm.28999
109481	212243	C79809	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
80385	93191	C79882	TC174177	null	Mm.25331
0	0	C79973	null	null	null
0	0	C80064	null	null	null
40168	41790	C81187	null	null	null
17816	35637	C81271	TC158925	E46 protein	Mm.4098
53411	52916	C81354	null	null	null
20506	19478	C81437	TC160424	null	Mm.11311
0	0	C81203	null	null	null
36607	49753	C81295	TC159712	mouse RNA polymerase I 40kD su	Mm.104319
21024	30352	C81376	null	null	null
78896	105796	C81465	TC202408	null	Mm.25834
28684	33378	C78951	TC160916	alpha-D-mannosidase	Mm.4219
0	0	C79008	null	null	null
27674	39523	C79062	TC175668	null	Mm.1196
0	0	C79146	null	null	null
0	0	C78962	TC190464	null	Mm.31123
66372	69650	C79026	TC164222	null	Mm.6910
0	0	C79103	TC202749	null	Mm.35774
12412	11052	C79160	TC158481	null	Mm.28553
0	0	C80120	null	null	Mm.103692
0	0	C80172	TC161842	null	Mm.227
0	0	C80244	null	null	null
9066	8905	C80320	null	null	null
6437	6319	C80131	TC186433	null	Mm.41796
0	0	C80187	TC174815	ribosomal protein S6 kinase	Mm.29910
0	0	C80261	null	null	null
8043	13316	C80361	TC202003	null	Mm.20559
0	0	C81540	TC203970	null	Mm.35526
51581	50567	C85069	TC177446	null	Mm.25370
146592	153415	C85135	TC187090	nucleobindin	Mm.2283
0	0	C85211	TC160999	null	Mm.28771
0	0	C81574	null	null	Mm.12267
53157	66398	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
7385	14777	C78836	TC193631	fibroblast growth factor 10/ke	Mm.25003
0	0	C78893	null	null	Mm.43904
0	0	C78717	null	null	null

0	0	C78791	null	null	null
7142	8385	C78849	null	null	null
5360	8168	C78903	null	null	null
6814	9347	C79793	TC191337	null	Mm.92812
0	0	C79867	null	null	Mm.88717
223652	273665	C79957	TC190680	null	Mm.30027
76132	105321	C80049	TC161352	null	Mm.5938
0	0	C79816	null	null	null
0	0	C79889	null	null	null
13278	6003	C79975	null	null	null
114493	128959	C80066	TC157688	HN1	Mm.1775
0	0	C81188	null	null	null
44702	31097	C81275	TC160039	nonclathrin coat protein zeta-	Mm.29473
8914	12838	C81358	TC209029	null	Mm.31140
72308	105244	C81438	null	null	Mm.2180
0	0	C81205	null	null	Mm.28176
3564	4307	C81296	null	null	null
20207	13666	C81377	TC160182	null	Mm.22467
31480	39233	C81474	TC161455	null	Mm.27341
0	0	C78953	null	null	null
6696	9003	C79009	TC174759	null	Mm.29070
6261	7510	C79078	TC200982	null	Mm.7261
42999	76029	C79150	TC159705	URF (homologous to yeast L29 r	Mm.7277
0	0	C78965	null	null	null
0	0	C79029	TC198983	null	null
20848	7715	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
0	0	C80249	null	null	Mm.25065
48705	52918	C80332	TC160157	Wdr1 protein	Mm.2654
6103	5291	C80133	null	null	null
56395	66725	C80189	TC180813	null	Mm.98122
15950	18916	C80262	TC159137	AIP37 protein	Mm.38831
0	0	C80366	TC163914	null	Mm.5935
38728	36689	C81543	null	null	null
13212	7860	C85070	TC189876	null	Mm.9876
0	0	C85143	null	null	null
76071	77298	C85216	null	null	null
0	0	C81585	TC201528	null	Mm.27768
43197	51507	C85084	TC190254	null	Mm.24083
0	0	C85171	null	null	null
0	0	C85231	null	null	Mm.25373
10699	9817	C78705	TC200760	null	Mm.30206
0	0	C78783	null	null	null
0	0	C78837	TC189486	null	Mm.27779
8717	14083	C78895	null	null	null
6652	11575	C78718	TC204141	null	Mm.28146
22212	22568	C78795	TC160096	cyclin 3	Mm.7417
0	0	C78853	null	null	null
63551	48557	C78908	TC189392	null	Mm.3584

2725	9345	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
35740	56163	C79892	TC165438	null	null
6712	8025	C79977	null	null	null
0	0	C80067	null	null	null
0	0	C81189	null	null	null
12249	19398	C81278	null	null	null
0	0	C81360	TC160464	null	Mm.4113
9833	12703	C81439	TC175535	null	Mm.27633
21979	25372	C81209	TC188018	null	Mm.28326
0	0	C81299	null	null	Mm.90060
14933	20981	C81381	TC189367	null	Mm.7109
35143	36833	C81478	TC160406	NF-IL6	Mm.4230
30406	29381	C78956	TC173676	null	Mm.24499
15403	27313	C79010	TC188677	RA70	Mm.10019
0	0	C79081	null	null	Mm.103689
6844	12783	C79154	TC186937	delta proteasome subunit	Mm.98
0	0	C78966	null	null	null
0	0	C79030	TC166229	null	Mm.25001
0	0	C79109	TC190093	null	Mm.34766
9601	6905	C79165	TC174040	TOLLIP protein	Mm.29519
5841	11328	C80123	null	null	null
0	0	C80179	TC177237	null	Mm.35750
0	0	C80251	TC188008	mORC2L	Mm.3411
0	0	C80339	null	null	null
76526	74243	C80134	TC173632	null	Mm.21146
29040	25333	C80193	TC200373	elav G homolog	Mm.21766
100658	153935	C80263	null	null	Mm.10706
0	0	C80370	null	null	Mm.5936
0	0	C81549	null	null	null
0	0	C85074	null	null	null
13210	11152	C85144	null	null	Mm.52287
0	0	C85220	TC203703	null	Mm.33583
9317	12877	C81595	TC161019	small zinc finger-like protein	Mm.22201
0	0	C85085	TC200461	null	Mm.28492
0	0	C85169	null	null	null
0	0	C85240	TC163790	null	Mm.25374
0	0	C78707	TC160153	null	Mm.29971
0	0	C78784	TC187952	null	Mm.5750
25688	29350	C78839	TC200746	dynamin	Mm.39292
4802	7792	C78897	null	null	null
4931	5203	C78799	TC188233	Rab24 protein	Mm.18800
0	0	C78856	null	null	null
17034	15714	C78910	TC210786	null	Mm.4964
0	0	C79801	null	null	null
30938	44760	C79872	TC188768	36 kD protein	Mm.18347
0	0	C79964	null	null	Mm.103693
8624	15050	C80055	null	null	null

0	0	C79819	null	null	null
0	0	C79898	null	null	Mm.382
12892	13874	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
9147	10890	C81301	TC187978	J kappa RS-binding protein	Mm.22482
0	0	C81384	null	null	null
0	0	C81483	TC202670	null	Mm.28807
0	0	C78958	null	null	null
3915	11043	C79015	null	null	Mm.5780
16821	15856	C79086	null	null	Mm.25012
392564	388556	C79156	null	null	Mm.29991
0	0	C78971	TC175115	tau microtubule binding protei	Mm.1287
46374	51577	C79033	TC174370	null	Mm.3786
7149	19646	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
0	0	C80344	null	null	Mm.25069
11466	8768	C80138	null	null	Mm.25062
0	0	C80195	null	null	null
89681	68351	C80267	TC200063	null	Mm.25074
313928	265684	C80374	TC159425	cytochrome oxidase subunit 2	null
0	0	C81555	null	null	null
46325	58212	C85075	TC162705	sh3bgr protein	Mm.28638
22278	27391	C85146	TC160042	null	Mm.9307
56883	47778	C85224	TC189215	nterferon regulatory factor 1	Mm.1246
10171	10643	C81597	null	null	null
2778	5079	C85086	TC189034	histone acetyltransferase quer	Mm.100823
29506	18182	C85175	null	null	Mm.9569
5788	4960	C85248	TC192656	null	null
0	0	C86005	null	null	Mm.35092
0	0	C86086	null	null	null
0	0	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
45012	56691	C86191	TC189851	null	Mm.23726
76189	76561	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
3056	7258	C87164	TC161863	null	Mm.25613
0	0	C87243	null	null	null
0	0	C87314	null	null	Mm.25475
0	0	C87416	null	null	null

6678	10446	AU021769	null	null	null
86095	51548	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
82030	62137	AU021863	null	null	null
0	0	AU021938	null	null	Mm.11779
0	0	AU022036	TC207668	null	Mm.26357
8033	15688	C86242	TC174019	null	Mm.28265
10587	10009	C86326	TC174159	null	Mm.34763
0	0	C86389	TC193514	null	null
0	0	C86460	null	null	null
57920	32862	C86260	TC173122	null	Mm.6696
25656	42069	C86341	null	null	Mm.25419
0	0	C86398	null	null	Mm.9661
0	0	C86470	TC177140	null	Mm.41031
17465	25800	C87461	TC164154	null	Mm.24081
0	0	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
110170	136543	C87566	TC175819	CAMP metalloproteinase	Mm.29373
28121	38164	C87631	TC162779	KRAB-containing zinc-finger pr	Mm.27575
149793	162289	C87702	TC187354	null	Mm.27900
0	0	AU022077	null	null	null
23154	30596	AU022155	null	null	null
47278	59861	AU022226	TC163455	SNM1 protein	Mm.2805
10337	10705	AU022285	null	null	Mm.33783
15762	17317	AU022100	null	null	null
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32528	27171	AU022240	null	null	null
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0	0	C85923	TC164986	null	Mm.9623
0	0	C86010	null	null	Mm.9626
127499	107266	C86087	null	null	null
17463	17577	C86171	null	null	null
0	0	C85955	TC188652	ADP-ribosylation-like factor h	Mm.7760
12469	11638	C86033	TC191760	macrophage C-type lectin Mincl	Mm.28263
22191	6604	C86103	null	null	Mm.25407
0	0	C86195	null	null	null
34126	55179	C87134	TC158296	null	Mm.16820
62708	52658	C87222	TC189375	null	Mm.939
0	0	C87304	TC188302	null	Mm.27708
0	0	C87397	TC176024	null	Mm.25481
7389	9196	C87169	null	null	null
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18882	19096	C87323	null	null	Mm.25477
22035	27323	C87418	null	null	Mm.25484
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0	0	AU021920	null	null	null

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13697	8619	AU021864	null	null	null
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71218	44768	AU022042	null	null	null
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200185	369542	C86331	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
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0	0	C86466	TC163500	null	Mm.25428
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17551	18578	C86475	TC203335	null	Mm.21171
26032	24558	C87464	TC160396	D52	Mm.2777
0	0	C87551	TC173510	translation initiation factor	Mm.42293
15429	14052	C87623	TC204050	null	null
25447	40571	C87685	TC188367	null	Mm.33970
43315	55136	C87496	TC160700	null	Mm.27269
85293	97243	C87567	TC188194	null	Mm.29530
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22376	23223	C87703	TC189185	protein S	Mm.24611
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0	0	AU022229	null	null	Mm.11820
4484	9046	AU022287	null	null	null
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38777	41712	AU022184	TC162518	null	Mm.25664
0	0	AU022243	null	null	Mm.26307
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13411	14422	C85936	TC200398	UBE-1c2	Mm.42795
11785	16944	C86013	TC174378	null	Mm.35618
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0	0	C86196	null	null	Mm.34989
13812	10031	C87139	TC161962	null	Mm.28838
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31753	28281	C87306	null	null	Mm.9741
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59452	87289	C87172	TC200470	E2-20K	Mm.5203
8481	12645	C87246	null	null	null
39445	38802	C87327	TC175243	TAK1 (TGF-beta-activated kinas	Mm.3968
0	0	C87419	TC173497	null	null
37541	40556	AU021775	null	null	null
167059	104970	AU021857	null	null	Mm.3401
2876	6549	AU021923	TC162239	null	Mm.22398
12670	8739	AU022017	null	null	null
27350	38761	AU021796	null	null	Mm.44048
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7356	11183	C86246	null	null	Mm.25414
28966	13921	C86333	null	null	null
5377	5419	C86391	null	null	null
25004	12282	C86467	TC177295	null	Mm.9908
48285	60931	C86267	TC200074	null	Mm.17362
7568	7351	C86345	null	null	null
21084	21890	C86400	null	null	Mm.9662
95127	85077	C86478	null	null	null
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79588	34398	C87560	TC203088	null	Mm.17258
0	0	C87624	null	null	Mm.25500
0	0	C87687	null	null	null
0	0	C87498	TC161028	null	Mm.25492
2768	3398	C87570	TC201982	G protein gamma 3 subunit	Mm.27307
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16122	12276	C87709	TC201556	null	Mm.9779
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91183	88970	AU022186	null	null	null
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27207	41102	C87309	null	null	null
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0	0	C87420	null	null	null
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47102	41451	AU021925	TC204088	null	Mm.28747
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82113	59847	AU021800	TC187710	hypothetical protein	Mm.28474
11279	10091	AU021869	null	null	null
11833	15395	AU021952	null	null	Mm.11782
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18006	28600	C86392	TC193972	null	Mm.26901
22448	35995	C86468	TC201268	intermediate conductance calci	Mm.9911
59529	60086	C86271	TC187850	null	Mm.22397
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0	0	C87485	TC203617	null	Mm.25350
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45179	28437	C87694	TC175016	null	Mm.28890
6938	7332	C87504	TC178708	null	Mm.25493
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8692	7687	C87641	null	null	null
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17164	21451	C87152	TC162339	null	Mm.33761
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19430	26826	C87311	TC203362	null	Mm.24826
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9270	17872	C87174	TC189526	tumor protein D53	Mm.7821
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7942	14572	C87337	null	null	Mm.31310
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0	0	AU021778	TC210570	null	Mm.36586
0	0	AU021860	null	null	null
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108893	195181	AU021871	null	null	null
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0	0	AU022047	null	null	null
0	0	C86255	TC205941	null	Mm.36867
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0	0	C86395	TC173257	precursor protein (AA -18 to 1	Mm.654
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7072	10073	C87626	TC205548	null	null
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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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208556	215687	AU021862	TC161964	cadherin-related cell adhesion	Mm.27365
40871	43571	AU021933	TC180800	null	Mm.11776
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56030	54546	AU021806	TC200912	null	Mm.18706
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12298	30227	C86340	null	null	Mm.42291
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18378	18995	C86405	null	null	null

18919	34088	C86491	TC160367	null	Mm.28866
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0	0	C87698	null	null	null
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23420	23625	AU023041	TC201853	null	Mm.28764
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34738	37973	AU018681	TC163804	null	Mm.24692
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16629	20977	AU018619	TC200932	null	Mm.24870
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27932	16744	AU023939	null	null	Mm.12035
27434	30962	AU024696	null	null	null
0	0	AU024734	null	null	Mm.26451
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0	0	AU018268	TC203782	null	Mm.26102
19748	18414	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
11268	15165	AU023233	TC174563	BAF53a	Mm.29546
30339	30787	AU023042	null	null	null
14171	15687	AU023121	TC200429	maternal transcript Maid	Mm.7838
4408	5121	AU023191	TC201825	null	Mm.25762
44457	26389	AU023245	TC173290	TSC-22	Mm.20927
44445	37088	AU023984	TC202456	transcytosis associated protei	Mm.15868
0	0	AU024038	null	null	Mm.26403
35938	30526	AU024115	TC201030	null	Mm.21503
35553	31707	AU024173	null	null	null
0	0	AU023998	null	null	null
0	0	AU024060	null	null	Mm.23000

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2118844	2249498	AU018430	TC163630	null	Mm.26923
9342	8370	AU018519	TC206348	null	Mm.26122
33233	33270	AU018606	TC176452	null	Mm.11428
6950	9300	AU018684	TC188411	null	Mm.39477
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24656	21151	AU022992	TC205256	null	Mm.29616
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38734	41935	AU018357	null	null	Mm.35670
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8891	16011	AU023036	TC197087	null	Mm.11919
13773	15661	AU023117	TC210001	null	Mm.26355
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0	0	AU024058	TC210736	null	Mm.44919
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0	0	AU024008	null	null	null
0	0	AU024075	null	null	Mm.26404
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47076	55779	AU018536	TC157843	cysteine string protein	Mm.29673
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0	0	AU018468	null	null	Mm.26118
72471	84694	AU018547	null	null	Mm.26124
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8735	10481	AU019729	null	null	null

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0	0	AU021368	TC176610	null	Mm.28355
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73142	80419	AU015250	TC160074	casein kinase I-alpha	Mm.43737
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6469	13470	AU020217	null	null	Mm.14373
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0	0	AU015691	TC177970	null	Mm.11022
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6103	5957	AU017714	TC157827	null	Mm.35098
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27341	45078	AU017869	null	null	null
0	0	AU017934	TC162057	unnamed protein product	Mm.27700
9030	9711	AU017804	TC201284	isovaleryl dehydrogenase precu	Mm.6635
12165	14820	AU017894	TC175376	DEAD box protein (dp103)	Mm.26703
12883	9219	AU017959	TC201715	null	Mm.11333
0	0	null	null	null	null
34635	32048	AU040764	null	null	null
0	0	AU040820	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
0	0	AU040895	null	null	null
1392777	2245619	AU040705	TC173471	phospholipase C-alpha	Mm.709
214874	516628	AU040774	null	null	Mm.19121
50144	64144	AU040830	TC161846	null	Mm.12193
19167	27693	AU040918	TC173441	retinoblastoma-binding protein	Mm.12145
41231	42662	AU016810	TC188503	cell surface protein MCAR	Mm.11176
11882	12605	AU016873	null	null	Mm.11189
13381	17401	AU016965	TC200422	null	Mm.33356
52537	60843	AU017036	TC186440	null	Mm.19060

24275	26649	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
65908	49955	AU018057	TC160236	G protein beta 36 subunit	Mm.30267
11120	14577	AU018136	null	null	Mm.88721
12075	13123	AU018190	TC211310	null	Mm.26094
0	0	AU018013	null	null	null
22766	28141	AU018079	null	null	Mm.11349
0	0	AU018149	TC186586	null	Mm.3765
33849	30447	AU018199	null	null	Mm.41670
0	0	AU040958	null	null	Mm.17581
6672	7929	AU041064	TC188748	coiled-coil like protein 1	Mm.2817
4452	8315	null	null	null	null
7755	9482	AU040991	null	null	Mm.38331
0	0	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
4745	5285	AU016655	TC201476	null	Mm.28546
0	0	AU016731	null	null	null
3940	5647	AU016519	TC173644	null	Mm.44219
0	0	AU016597	null	null	null
24757	20481	AU016675	null	null	null
0	0	AU016754	null	null	Mm.11168
0	0	AU017716	null	null	Mm.26063
15799	16044	AU017791	null	null	Mm.36446
99927	126538	AU017875	TC188893	null	Mm.25230
0	0	AU017937	null	null	Mm.26075
20868	32274	AU017738	null	null	Mm.29418
81699	90550	AU017805	TC200609	null	Mm.9326
16501	9663	AU017896	null	null	Mm.11325
7793	5193	AU017961	TC165339	null	Mm.26078
109743	154158	AU040686	null	null	Mm.36460
17748	49204	AU040767	TC200254	null	Mm.2480
56881	98067	AU040821	TC202094	null	Mm.17569
0	0	AU040901	TC200787	WDNM1 protein	Mm.1650
83973	112205	AU040710	TC173144	CD97 antigen	Mm.28222
550057	509540	AU040780	TC200421	Sh3bgrl protein	Mm.21446
14836	15194	AU040834	TC204665	null	null
6353	8850	AU040919	TC170283	null	null
0	0	AU016812	TC166296	null	Mm.9650
20013	21424	AU016875	TC197484	null	Mm.42298
105993	71598	AU016967	null	null	Mm.88182
11517	15413	AU017038	TC188208	null	Mm.29073
7653	8257	AU016824	null	null	null
14206	18273	AU016893	TC202994	null	Mm.26017
0	0	AU016986	null	null	Mm.44047
20297	15822	AU017050	TC202791	null	Mm.22433

13689	21185	AU018003	null	null	null
10356	10637	AU018058	TC201717	null	Mm.104238
19912	24104	AU018137	TC189556	polycomb-group proteins	null
12840	15035	AU018191	null	null	null
15059	16133	AU018015	TC202150	null	Mm.21130
0	0	AU018082	TC157937	null	null
22510	28091	AU018150	TC203577	LIM domain interacting RING fi	Mm.44069
0	0	AU018204	null	null	null
190915	102245	AU040965	TC188683	null	Mm.29098
20250	31408	AU041066	null	null	null
0	0	AU041219	null	null	Mm.33479
4439	5325	AU040995	TC207087	null	Mm.68990
0	0	AU041098	null	null	null
68724	61162	AU041171	TC201403	vesicle associated membrane pr	Mm.1838
55188	60980	AU041237	TC160201	null	Mm.21450
0	0	AU016506	null	null	Mm.35904
0	0	AU016581	TC189010	null	Mm.45506
0	0	AU016661	null	null	Mm.3880
4778	8561	AU016736	TC163095	null	Mm.29212
14583	6203	AU016521	TC183656	null	null
0	0	AU016599	null	null	Mm.11147
0	0	AU016680	null	null	null
0	0	AU016755	null	null	Mm.26001
7673	6546	AU017717	null	null	Mm.26064
25981	29960	AU017793	null	null	Mm.26067
16346	13555	AU017876	TC205515	null	Mm.36202
21194	25102	AU017939	TC206267	null	Mm.34195
41106	49533	AU017739	TC160375	null	Mm.34606
8811	11626	AU017809	null	null	Mm.104582
71224	66556	AU017897	TC202355	null	Mm.22334
65226	71538	AU017962	TC197184	null	Mm.26079
23695	21556	AU040688	null	null	null
14726	21359	AU040769	TC158630	null	Mm.103835
214645	106150	AU040822	TC158435	null	Mm.27227
6869	13464	AU040911	null	null	null
30446	37003	AU040711	TC187905	null	Mm.10878
197301	264227	AU040781	null	null	Mm.29405
613169	787014	AU040840	TC160277	null	Mm.29812
0	0	AU040922	null	null	null
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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
10950	15675	AU016903	null	null	Mm.36006
0	0	AU016987	null	null	Mm.13492
0	0	AU017062	TC174690	null	Mm.3088
97605	90765	AU018008	TC173097	null	Mm.3035
28820	35266	AU018060	TC187238	GLUT4 vesicle protein	Mm.29010
15047	14811	AU018138	null	null	null
0	0	AU018194	TC192250	null	Mm.28945

48118	57726	AU018018	TC173715	tetracycline transporter-like	Mm.3792
15798	18467	AU018083	null	null	null
69395	114309	AU018151	null	null	Mm.12190
0	0	AU018209	TC166149	null	Mm.26097
15253	13410	AU040979	null	null	Mm.4111
10547	14844	AU041069	TC186985	null	Mm.11879
15716	15875	AU041160	TC197125	null	Mm.17594
7697	8953	AU041220	TC209012	null	null
18292	24245	AU040997	null	null	null
29871	34674	AU041102	null	null	null
26076	30235	AU041172	TC173883	ataxin-2	Mm.1989
0	0	AU041239	TC174747	calbindin	Mm.354
19978	24201	AU016509	null	null	null
0	0	AU016583	TC190640	null	Mm.45751
37527	34652	AU016662	null	null	Mm.25999
0	0	AU016738	TC168083	null	Mm.26004
0	0	AU016523	TC161690	null	Mm.22271
9659	9684	AU016600	null	null	null
0	0	AU016686	null	null	null
12484	25648	AU016757	TC187770	c-myc protein	Mm.2444
39544	75424	AU017719	null	null	Mm.26065
111793	164489	AU017796	null	null	Mm.26069
53855	53615	AU017880	null	null	null
24963	28374	AU017944	null	null	null
32926	35957	AU017743	TC175765	null	Mm.12756
20450	28516	AU017819	TC201057	null	Mm.27862
26556	28889	AU017900	TC177421	null	Mm.87364
34430	36909	AU017965	TC161699	null	Mm.3702
19714	28703	AU040689	TC162114	null	Mm.21313
0	0	AU040770	null	null	Mm.17565
22422	39483	AU040825	null	null	Mm.29505
12925	18025	AU040912	null	null	Mm.26810
18360	21121	AU040712	TC178756	null	Mm.17561
26099	16135	AU040782	null	null	null
42657	24937	AU040843	TC189933	Ra-reactive factor P28a subuni	Mm.30045
24761	26917	AU040924	null	null	Mm.26811
0	0	AU016814	null	null	Mm.104382
4008	7699	AU016882	null	null	Mm.26016
0	0	AU016971	null	null	null
0	0	AU017043	null	null	null
0	0	AU016827	null	null	Mm.26009
10159	15168	AU016906	null	null	Mm.26018
0	0	AU016992	null	null	Mm.27537
0	0	AU017065	null	null	null
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0	0	AU018139	null	null	null
7099	13254	AU018195	null	null	Mm.26095
18617	14194	AU018019	TC173732	null	Mm.12390
4598	9492	AU018089	TC203734	null	Mm.34976
43695	35229	AU018154	TC189361	null	Mm.11360

0	0	AU018210	TC179445	null	Mm.26098
0	0	AU040981	null	null	Mm.35072
61569	53240	AU041072	TC202221	null	Mm.24302
32260	42742	AU041161	TC188095	null	Mm.28430
35433	38473	null	null	null	null
42717	44277	AU041001	TC187399	null	Mm.29866
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8525	13901	AU041240	null	null	null
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0	0	AU016590	TC186961	caveolin-1	Mm.28278
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
19964	34158	AU017727	TC163852	null	Mm.12647
0	0	AU017799	null	null	Mm.28728
15340	19174	AU017885	TC174554	cAMP-dependent protein kinase	Mm.25594
0	0	AU017946	null	null	Mm.26076
0	0	AU017744	TC200116	null	Mm.4533
10132	11508	AU017820	TC162626	null	Mm.29837
13958	15523	AU017901	TC163573	null	Mm.10814
233628	428384	AU017967	TC187035	matrilysin	Mm.4825
29450	32987	AU040695	null	null	Mm.74735
63258	39631	AU040772	TC165171	null	Mm.17566
2014886	1052523	AU040826	TC200731	null	Mm.30263
0	0	AU040914	null	null	Mm.22702
95731	104897	AU040725	null	null	Mm.29601
61037	52846	AU040783	TC176339	null	Mm.23838
27819	25592	AU040845	null	null	null
28718	38513	AU040925	TC160276	very low density lipoprotein r	Mm.4141
0	0	AU016815	null	null	null
21819	23750	AU016884	TC174646	null	Mm.24195
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0	0	AU017044	TC174843	null	Mm.12192
5864	6933	AU016828	TC202309	null	Mm.14155
30957	22275	AU016907	TC173385	Supl15h	Mm.89579
8449	6426	AU016995	null	null	null
31723	29940	AU017069	TC187710	hypothetical protein	Mm.28474
48578	57750	AU018011	TC186717	truncated SON protein	Mm.46401
28884	25076	AU018074	null	null	null
28503	17478	AU018147	TC204206	null	Mm.45293
0	0	AU018197	TC204671	Bik-like killer protein	Mm.17912
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78337	95758	AU018157	TC161406	GTPase RalB	Mm.27832
0	0	AU018218	TC183666	null	Mm.11371
15667	25164	AU040983	TC174429	null	Mm.21070
0	0	AU041078	null	null	Mm.26813
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16520	14860	AU041226	TC188903	mTAFII30 protein	Mm.21419
0	0	AU041003	TC162012	null	Mm.35691
73713	61541	AU041108	null	null	Mm.1059
14949	21346	AU041178	TC203061	null	Mm.27034
42285	59227	AU041243	TC163993	epimorphin	Mm.3003
0	0	AU043841	TC203657	null	Mm.16139
0	0	AU043942	TC176689	unknown	Mm.18879
57360	85451	AU044171	TC204128	null	Mm.19184
0	0	AU043877	TC202397	neurofilament polypeptide	Mm.1956
13098	13685	AU043974	TC161980	null	Mm.28151
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19569	11597	AU045970	null	null	null
8576	9988	AU045630	TC189035	null	Mm.29622
3234	4086	AU045757	TC202210	null	Mm.7786
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0	0	AU042284	null	null	null
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34114	37543	AU042226	TC203143	null	Mm.17647
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24964	24138	AU042389	TC170361	null	Mm.17659
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9790	12986	AU044384	TC200011	null	Mm.30133
48804	50084	AU044501	TC173945	null	Mm.27272
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6641	5607	AU044310	TC177938	null	Mm.17773
52469	63136	AU044407	null	null	null
109763	121966	AU044554	TC192132	null	Mm.17830
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57857	62031	AU046110	null	null	null
42701	54886	AU046267	TC159882	null	Mm.28357
26096	20268	AU041416	null	null	Mm.35074
82537	89776	AU041509	TC184261	null	Mm.17612
41971	39763	AU046154	TC204258	null	Mm.17889
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79220	86790	AU041439	TC186847	null	Mm.4284
84966	92541	null	null	null	null
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25465	18836	AU042619	null	null	Mm.42536
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0	0	AU044173	TC205771	null	Mm.38330
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7512	7991	AU045602	null	null	null
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0	0	AU045898	TC160264	null	Mm.19122
45530	40819	AU046003	TC157899	6-pyruvoyl-tetrahydropterin sy	Mm.35856
53534	50496	AU042207	TC202158	null	Mm.29528
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71610	70338	AU042390	null	null	Mm.42255
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80223	92400	AU044396	TC160321	acinusS'	Mm.30236
142557	162881	AU044505	TC202161	null	Mm.34238
32740	34626	AU044613	null	null	null
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78906	123814	AU044555	TC200739	null	Mm.22547
7263	13494	AU044638	TC176242	null	Mm.17807
7306	7265	AU046126	null	null	null
24247	29037	AU046268	TC188738	Axin	Mm.23684
0	0	AU041419	TC208466	null	Mm.17661
6086	9974	AU041519	TC179612	null	null
0	0	AU046164	TC169904	null	Mm.17890
26152	40706	AU046294	TC160736	similar to mago nashi	Mm.808
12904	15773	AU041443	null	null	null
0	0	AU041530	null	null	null
14991	11106	AU042532	TC157363	null	Mm.67861
0	0	AU042622	null	null	null
65472	88590	null	null	null	null
15450	26250	AU042813	TC187347	Rac GTPase-activating protein	Mm.27141
165381	223792	AU042546	TC158244	14-3-3 theta protein	Mm.14722
0	0	AU042645	TC208696	null	Mm.17681
20398	23761	AU042726	null	null	null
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27895	20037 AU044044	TC174507	membrane interacting protein o	Mm.30126
31964	36823 AU044176	TC174238	null	Mm.18941
40742	39713 AU043891	TC210434	null	Mm.17767
13637	10040 AU043983	TC161128	null	Mm.29131
27686	28732 AU044073	TC157729	unnamed protein product	Mm.23841
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12358	13246 AU045739	null	null	null
4545	5033 AU045876	null	null	Mm.38309
51911	54881 AU045972	TC200948	null	Mm.29769
46569	53002 AU045635	null	null	null
536358	537236 AU045766	TC201884	null	Mm.24163
14973	14993 AU045901	null	null	null
18036	20668 AU046005	null	null	Mm.39739
48453	42022 AU042208	null	null	null
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69590	59192 AU042381	TC173983	Crk-associated substrate	Mm.3758
167273	138269 AU042469	TC157871	null	Mm.21288
27278	30386 AU042231	null	null	null
74944	69407 AU042321	TC161245	null	Mm.28829
18080	18440 AU042391	null	null	null
48524	56162 null	null	null	null
15510	11005 AU044294	TC205620	null	Mm.11934
25105	32164 AU044400	null	null	null
299043	255543 AU044513	TC187655	galectin-8	Mm.17799
190787	248158 AU044614	TC159054	null	Mm.21118
601252	638353 AU044324	TC186674	MHR23B	Mm.26879
59958	101329 AU044419	TC159925	null	Mm.1603
25367	33263 AU044556	TC169892	null	Mm.17802
19520	26620 AU044640	TC175788	ribonuclease H1	Mm.10152
53471	62434 AU046271	TC163200	null	Mm.86599
26274	38267 AU041421	TC161193	null	Mm.27558
18625	20825 AU041522	TC187450	p8 protein	Mm.18742
19415	23616 AU046167	TC176322	null	Mm.25551
33219	25423 AU041357	TC189180	RhoM	Mm.27701
0	0 AU041448	null	null	null
9193	9409 AU041536	TC190060	null	Mm.17613
7137	6201 AU042533	null	null	Mm.17671
0	0 AU042624	null	null	Mm.17678
0	0 AU042699	TC187797	DMR-N9	Mm.2852
7576	7180 AU042815	TC189888	putative transcription factor	Mm.3594
14269	4414 AU042547	TC204625	null	Mm.27281
0	0 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
4446	10616 AU044053	TC201822	g1-related zinc finger protein	Mm.27693
30103	28125 AU044189	TC162393	null	Mm.26888
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65316	56724 AU043985	TC173621	null	Mm.21356

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89554	97563	AU045612	TC189603	null	Mm.21272
45463	48107	AU045741	TC161581	fizzy-related protein	Mm.24202
76505	81791	AU045885	null	null	Mm.17877
0	0	AU045977	null	null	null
182435	236652	AU045643	TC200584	cyclin B1	Mm.22569
7165	7756	AU045768	TC179466	null	Mm.17871
6555	2902	AU045902	null	null	null
26048	19023	AU046009	TC175937	null	Mm.17880
0	0	null	null	null	null
20948	32246	AU042295	null	null	null
0	0	AU042382	TC201125	fumarylacetoacetase	Mm.3798
142744	109348	AU042470	TC175487	high affinity immunoglobulin g	Mm.150
76140	42305	AU042234	TC178905	null	Mm.21322
0	0	AU042325	TC208356	null	Mm.41610
66778	67186	AU042394	null	null	Mm.17660
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7857	9994	AU044298	TC196772	null	null
16478	13330	AU044401	null	null	Mm.22180
23229	18939	AU044521	TC201727	null	Mm.18635
28855	30651	AU044619	null	null	Mm.26874
0	0	AU044325	TC189804	null	Mm.24425
63491	72953	AU044421	TC166505	null	Mm.17793
0	0	AU044563	TC176328	null	Mm.29291
17686	19373	AU044648	null	null	Mm.17808
36572	34737	AU046146	TC202034	null	Mm.27490
7430	6102	AU046274	TC202325	ras-GTPase-activating protein	Mm.2038
0	0	AU041422	TC183597	null	Mm.17656
17281	12954	AU041526	TC175824	null	Mm.29126
23489	26629	AU046168	TC173572	centromere protein A	Mm.6579
11350	16428	AU041361	null	null	null
10957	9378	AU041451	TC179464	null	Mm.17609
13300	11979	AU041541	TC158414	null	Mm.22484
31719	41401	AU042535	TC177510	null	Mm.26837
39975	40459	AU042625	null	null	null
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6191	8966	null	null	null	null
0	0	AU042549	TC189042	null	Mm.27153
0	0	AU042652	TC191223	null	Mm.22218
82530	66775	AU042738	TC200612	microsomal epoxide hydrolase	Mm.9075
0	0	AU042830	null	null	Mm.17694
37643	42763	AU043866	TC189367	null	Mm.28035
17120	21038	AU043961	TC162216	phosphatidylethanolamine-N-met	Mm.2731
6991	3991	AU044056	null	null	null
7257	5195	AU044191	null	null	null
27847	29440	AU043903	TC202513	mdm1a	Mm.2003
15368	15712	AU044000	TC174618	null	Mm.28193
24719	20628	AU044078	TC189480	tuftelin	Mm.10214
24455	27094	AU044224	TC188497	unnamed protein product	Mm.29668
942535	116097	AU045621	TC202010	null	Mm.7816
21527	19576	AU045744	TC163251	Zfp-57	Mm.21362

17671	17487	AU045888	null	null	null
28617	26109	AU045979	TC174201	null	Mm.23686
29760	35468	AU045663	null	null	Mm.17863
36654	37631	AU045773	TC157920	null	Mm.18775
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0	0	AU046011	TC189464	null	Mm.17881
53147	72688	null	null	null	null
18848	27435	AU042297	TC187638	null	Mm.28558
11499	9793	AU042383	TC210766	null	Mm.17667
47651	27926	null	null	null	null
188589	91004	null	null	null	null
0	0	AU042330	TC162936	No definition line found	Mm.21325
17540	24106	AU042398	TC189289	null	Mm.89148
13113	16609	AU042491	null	null	Mm.90324
25436	36788	AU044302	null	null	null
14033	18536	AU044404	TC187271	null	Mm.11112
0	0	AU044538	null	null	Mm.103856
18674	23987	AU044624	TC183209	null	null
35817	55060	AU044335	null	null	null
77147	91067	AU044427	TC200809	cofactor A	Mm.1863
104787	107154	AU044565	TC187199	null	Mm.28327
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24405	11530	AU046150	TC174032	null	Mm.26391
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16919	16329	AU041432	null	null	Mm.4503
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0	0	AU046176	null	null	null
21394	19200	AU041363	TC174566	null	Mm.9638
22489	32890	AU041542	TC187059	null	Mm.30003
26754	39246	AU042538	null	null	null
11428	15690	AU042629	null	null	Mm.26841
9948	12674	AU042713	TC181464	null	Mm.45647
21167	22202	AU042817	TC187859	null	Mm.22284
8851	9732	AU042561	TC203512	null	Mm.28902
15448	31657	AU042654	null	null	null
14138	19806	AU042740	TC176009	sex comb on midleg homolog pro	Mm.18718
6349	5180	AU042831	TC187078	calcineurin	Mm.293
5665	3053	AU043876	TC191063	null	Mm.41417
0	0	AU043964	TC191999	null	Mm.17771
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0	0	AU044194	null	null	Mm.17779
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44747	45206	AU045623	null	null	Mm.42605
210604	257649	AU045747	TC174353	null	Mm.29259
12516	13400	AU045894	TC188802	null	Mm.24177
23888	27534	AU045984	TC176745	null	Mm.18821
107698	158675	AU045665	TC158995	EMeg32 protein	Mm.37637
15665	13401	AU045780	null	null	Mm.103861
138735	97345	AU045922	TC190841	XAP-5 protein	Mm.4370

22803	29238	AU046015	TC157926	null	Mm.35353
0	0	AU042224	TC160585	HCG-1 protein	Mm.21846
19576	19328	AU042298	TC162627	factor VIII-associated protein	Mm.5154
29288	28103	AU042385	TC175774	null	Mm.17658
22559	22304	AU042474	TC162614	null	Mm.17665
119185	67264	AU042239	TC157811	null	Mm.14368
0	0	null	null	null	null
23179	26374	AU042400	null	null	Mm.103467
51815	70778	AU042493	TC174231	Clast1	Mm.28385
46085	54202	AU044307	null	null	null
239866	224194	AU044405	TC174374	NG26	Mm.43745
133272	110578	AU044546	TC174075	null	Mm.23889
41667	43317	AU044629	TC187755	small GTP binding protein	Mm.25306
77184	88629	AU044336	TC202246	F-box protein FBL10	Mm.86406
171436	197648	AU044428	TC203052	null	Mm.21516
205838	223123	AU044566	TC200760	null	Mm.30206
7404	8360	AU044657	TC177602	microrchidia	Mm.26875
138908	143812	AU046152	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
41125	40113	AU046282	null	null	Mm.17792
27695	31805	AU041434	TC201987	UNC-51-like kinase ULK1	Mm.10750
0	0	AU041528	null	null	null
8880	8879	AU046177	null	null	Mm.37130
23559	29273	AU041369	null	null	null
52718	52152	AU041458	TC188717	null	Mm.41936
28639	28349	AU041543	TC200402	null	Mm.22354
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10881	15684	AU042630	null	null	Mm.17686
10270	11360	AU042718	null	null	Mm.17682
21231	20807	AU042819	TC190806	null	Mm.29940
128335	140071	AU042564	null	null	Mm.43737
0	0	AU042657	TC210771	null	null
29362	27834	AU042746	TC160254	null	Mm.18795
14524	16661	AU042833	TC187501	eIF3-p44	Mm.30080
334463	294067	AW546286	null	null	null
28714	37636	AW546373	TC186433	null	Mm.27074
15463	22486	AW546453	TC187467	null	Mm.28064
175284	241778	AW546519	TC159555	21 kd polypeptide	Mm.254
50930	46265	AW546307	TC160099	null	Mm.27886
87513	125528	AW546384	null	null	Mm.1007
12224	22184	AW546469	TC188450	p18 protein	Mm.1912
35965	40460	AW546539	TC161161	NEDD8-conjugating enzyme	Mm.12892
44932	44561	AW547625	TC186746	D-type cyclin	Mm.3141
48534	60643	AW547811	null	null	null
25115	22394	AW547899	TC200863	null	Mm.28028
43710	69870	AW548011	null	null	null
11829	21918	AW547664	TC190141	null	Mm.45976
134346	136491	AW547832	TC159670	17beta-hydroxysteroid dehydrog	Mm.3195
37272	28334	AW547927	TC184165	null	null
62525	86185	AW548025	TC161814	null	Mm.34758
57006	312650	AW549180	null	null	Mm.102885
11273	8795	AW549289	TC160625	null	Mm.29390

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6625	9309	AW549492	TC157441	null	Mm.45996
88053	89355	AW549204	null	null	Mm.102887
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183481	211883	AW549521	TC201592	null	Mm.73777
181996	174968	AW546625	null	null	null
0	0	AW546705	null	null	null
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0	0	AW546850	TC189037	null	Mm.1915
8885	12572	AW546649	TC202675	erythroid K:Cl cotransporter	Mm.4190
33666	36170	AW546730	TC189750	SOX11	Mm.80595
139627	167600	AW546819	null	null	null
0	0	AW546860	TC176755	null	Mm.30800
136800	233599	AW548086	null	null	Mm.19187
18612	28514	AW548199	TC173607	Bop1	Mm.4283
26003	13934	AW548297	TC202371	B99 protein	Mm.20858
42197	55548	AW548385	null	null	null
29703	45191	AW548120	TC186617	vitamin D-binding protein	Mm.4205
44305	54808	AW548213	TC188965	null	Mm.28073
15739	19798	AW548326	TC200583	pancortin-3	Mm.43278
9560	15890	AW548404	TC187935	Paneth cell enhanced expressio	Mm.13725
52883	76987	AW549619	TC160315	gamma-1 adducin	Mm.44106
180649	297911	AW549706	TC158175	possible ubiquitin protein lig	Mm.16553
464354	319450	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
14874	21347	AW549882	TC175732	Hic-5	Mm.3248
23385	24236	AW549646	TC200879	heat-responsive protein	Mm.2607
180634	195804	AW549721	TC159860	p66 mot1	Mm.2849
27146	45209	AW549817	TC204329	muBLR1	Mm.37433
224719	150610	AW549901	TC163501	null	Mm.80559
15325	40554	AW546291	TC162826	null	Mm.101023
24639	27115	AW546374	TC163883	null	Mm.36745
257227	184133	AW546455	TC190325	null	Mm.24672
250095	331799	AW546519	TC159555	21 kd polypeptide	Mm.254
67422	39229	AW546316	TC159694	F1F0 ATP synthase E subunit	Mm.19370
20418	21373	null	null	null	null
29354	44345	AW546472	TC201809	null	Mm.1585
72397	85259	AW546541	TC200600	cullin 3	Mm.12665
87234	107418	AW547635	null	null	Mm.102837
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51137	51794	AW548040	TC187351	null	Mm.17162
106587	146904	AW549182	TC201208	null	Mm.24495
36105	33396	AW549300	null	null	Mm.41491
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1454050	1401185	AW549495	null	null	null
49704	56640	AW549206	TC161081	null	Mm.24228

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35956	32854	null	null	null	null
604869	610017	AW549525	null	null	null
0	0	AW546631	TC189075	null	Mm.51243
11950	11116	AW546713	TC209361	null	null
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89346	113253	AW546733	TC173683	Arp2/3 complex subunit p21-Arc	Mm.24498
18336	22742	AW546823	null	null	Mm.102819
7183	10332	AW546871	TC159188	null	Mm.28012
205164	348107	AW548086	null	null	Mm.19187
91168	204288	AW548203	TC175863	null	Mm.41764
44839	55179	AW548299	TC174069	receptor tyrosine kinase-relat	Mm.3860
23813	42886	AW548389	TC202071	null	Mm.49609
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18994	19705	null	null	null	null
358496	273200	AW548328	TC161056	p45 NF-E2 related factor 2	Mm.1025
0	0	AW548408	TC164532	null	Mm.38561
80106	79971	AW549620	null	null	Mm.66
21958	26423	AW549709	TC188277	null	Mm.33870
9889	14279	AW549793	TC158899	ribosomal protein L38	Mm.43330
58633	55950	AW549883	TC205160	null	Mm.23038
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48293	83017	AW549722	TC201262	null	Mm.33394
3586	3400	AW549820	TC160552	null	Mm.25200
61168	66170	AW549902	TC163098	null	Mm.30702
3045	4967	AW546292	TC192081	null	Mm.83701
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27070	18211	AW546457	TC161813	null	Mm.22359
10439	11659	AW546520	TC189049	null	Mm.30600
18488	26089	AW546317	TC159780	surfeit 1 protein	Mm.6874
66316	77797	AW546394	TC200038	myristoylated alanine-rich C-k	Mm.30059
4976	6181	AW546473	TC161301	3-ketosteroid reductase	Mm.14309
14929	94567	AW546550	null	null	null
12943	15471	AW547636	TC174675	neurotrophin receptor interact	Mm.26926
3214	5779	AW547817	null	null	Mm.102846
96613	94915	AW547907	null	null	null
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87727	88793	AW547665	null	null	null
153214	238577	AW547834	TC159835	null	Mm.39130
36911	51672	AW547930	null	null	null
124739	152703	AW548042	TC175955	null	Mm.28557
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13965	18463	AW549302	null	null	null
29216	32248	AW549401	TC157304	null	Mm.37681
60374	86045	AW549501	null	null	null
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152679	145397	AW549333	TC186711	coat protein gamma-cop	Mm.26422
117654	179353	AW549431	TC157867	telomeric protein mTRF1	Mm.4306
61476	124776	AW549531	TC186472	t-complex protein; (Tcp-1x)	Mm.6797

0	0	AW546635	null	null	null
36936	45768	AW546715	TC188180	mannosyl-oligosaccharide 1,3-1	Mm.2433
22521	27352	AW546813	TC167206	null	Mm.102818
103618	132523	AW546855	null	null	Mm.42960
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116939	212406	AW546734	null	null	null
0	0	AW546828	null	null	null
11760	30214	AW546876	TC174782	Nucleosome assembly protein 1-	Mm.2831
149412	123484	AW548091	TC200784	protein-tyrosine-phosphatase	Mm.29855
306213	582951	AW548205	TC194378	null	null
89677	103443	AW548304	TC160763	beta-D-galactosidase fusion pr	Mm.21772
29036	24342	AW548397	TC173594	null	Mm.38524
7245	8374	AW548124	TC201682	null	Mm.21597
34848	42314	AW548221	TC176151	null	Mm.21860
111067	91288	null	null	null	null
6292	8479	AW548409	TC190166	heparan sulfate N-deacetylase/	Mm.4084
34028	36948	AW549628	TC200941	lipotransin	Mm.28127
6785	13179	AW549711	TC174897	fallotein	Mm.40268
14323	12541	AW549803	TC189757	null	Mm.23950
0	0	AW549891	TC161473	augmenter of liver regeneratio	Mm.28124
13265	14504	AW549656	TC157234	null	Mm.35653
20042	21686	AW549725	TC160807	MNUDC protein	Mm.69
48649	108047	AW549829	TC158661	null	Mm.102901
33425	147943	AW549905	TC159636	alpha-globin	Mm.16820
18199	20069	AW546296	TC176664	null	Mm.30612
53550	98604	AW546379	TC200016	ribosomal protein L12	Mm.70127
16023	21588	AW546458	TC175868	null	Mm.25648
87126	62674	AW546522	TC200596	SDP3	Mm.7356
26195	27776	AW546319	TC176445	null	Mm.87628
111119	107169	AW546397	TC187168	null	Mm.28765
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60900	81506	AW546559	null	null	null
22563	18756	AW547642	TC204259	null	Mm.32822
235733	372354	AW547818	TC188237	fragile X mental retardation s	Mm.3451
375269	339627	AW547913	null	null	null
62860	80948	AW548016	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
301012	365596	AW547668	null	null	null
0	0	AW547839	TC161340	null	Mm.35108
34030	44389	AW547935	TC174186	cyclin-dependent kinase-2 alph	Mm.118
107622	112475	AW548043	null	null	null
97161	115156	AW549189	TC174023	LAP2 binding protein 1	Mm.7508
0	0	AW549303	TC189793	null	Mm.23258
0	0	AW549415	TC173754	Dazh	Mm.15050
16228	11294	null	null	null	null
430669	464439	AW549217	TC187187	null	Mm.30099
14939	79794	AW549342	TC170848	null	Mm.102889
3998	6396	AW549434	TC189000	null	Mm.100879
17595	34197	AW549534	TC159348	null	Mm.102892
0	0	AW546637	TC160327	radixin	Mm.7051
8947	12075	AW546718	TC176177	null	Mm.30898
37890	71707	AW546816	null	null	null

107964	132066	AW546855	null	null	Mm.42960
6161	6569	AW546660	null	null	null
142416	231130	AW546735	TC157595	ribosomal protein S3a	Mm.6957
0	0	AW546831	TC157292	null	Mm.21646
54488	58201	AW546880	TC204480	meiotic cohesin REC8	Mm.23149
68800	67421	AW548092	TC173241	14-3-3 protein beta	Mm.34319
98995	118098	AW548208	null	null	null
75768	85611	AW548311	TC202284	null	Mm.86523
7657	7435	null	null	null	null
59591	62200	AW548125	TC200914	null	Mm.22710
8267	11342	null	null	null	null
1314726	794889	AW548330	null	null	Mm.95068
0	0	AW548422	TC164367	adrenocorticotropin receptor	Mm.41498
99899	150698	AW549630	null	null	Mm.102897
5181	12191	null	null	null	null
67843	119845	AW549809	null	null	Mm.87806
7560	6022	null	null	null	null
71334	58339	AW549663	TC187690	beta-prime-adaptin protein	Mm.29699
35576	48717	AW549726	TC188153	null	Mm.27557
60947	138990	AW549841	TC200351	putative TH1 protein	Mm.2184
33956	155832	AW549905	TC159636	alpha-globin	Mm.16820
42663	53752	AW546304	TC158956	myeloid associated differentia	Mm.29874
105490	179211	AW546379	TC200016	ribosomal protein L12	Mm.70127
38359	90753	AW546463	TC186684	null	Mm.24808
110221	126223	AW546524	null	null	null
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96981	98153	AW546402	null	null	null
21330	26798	AW546482	null	null	null
267722	442143	AW546560	null	null	null
13532	14049	AW547654	null	null	null
152279	210060	AW547821	TC165111	myeloid ecotropic viral integr	Mm.4734
82382	109757	AW547917	TC175694	null	Mm.6509
54374	59604	AW548018	TC164997	null	Mm.21223
16125	14315	AW547673	TC197703	null	Mm.102838
193839	218206	AW547840	TC186920	lumican	Mm.18888
82747	51058	AW547940	TC201221	null	Mm.26480
64671	69477	AW548045	TC175568	retinoid X receptor-beta	Mm.1243
17005	11838	AW549196	null	null	Mm.102886
67098	63380	AW549304	TC173489	ORF	Mm.25044
9243	6687	AW549418	TC204087	null	Mm.41646
0	0	AW549514	null	null	null
21074	30854	AW549221	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934
0	0	null	null	null	null
0	0	AW549441	null	null	null
14584	33076	AW549542	TC205580	null	Mm.22790
28441	24178	AW546642	TC161047	null	Mm.30160
30483	51427	AW546720	null	null	Mm.102817
44716	248287	AW546817	null	null	null
138278	173649	AW546855	null	null	Mm.42960
0	0	AW546661	null	null	Mm.102815
120452	135912	AW546738	TC186959	B-cell translocation gene-1 pr	Mm.16596

142232	107975	AW546835	TC158499	ifngr2	Mm.22698
115140	111918	AW546881	null	null	null
0	0	AW548105	TC162140	null	Mm.102854
185685	316570	AW548210	null	null	Mm.265
55077	67579	AW548319	null	null	Mm.3953
15070	17921	AW548399	TC158119	null	null
18089	19638	AW548127	TC157475	null	Mm.45592
29109	116573	AW548231	null	null	null
32655	27036	AW548332	null	null	Mm.17362
0	0	AW548425	TC158913	null	Mm.21764
68373	61514	AW549640	TC161154	null	Mm.28760
52783	80158	AW549716	TC199911	oral tumor suppressor homolog	Mm.35847
16095	33005	AW549810	TC158489	synectin	Mm.20945
1118664	1068566	AW549897	TC194134	null	null
0	0	AW549666	TC158340	null	Mm.29780
6935	7633	AW549728	null	null	null
18309	25204	AW549851	TC189697	null	Mm.22786
18829	97614	AW549905	TC159636	alpha-globin	Mm.16820
0	0	AW546306	TC160005	high mobility group 2 protein	Mm.1693
0	0	AW546381	TC176608	null	Mm.41938
62819	78382	AW546468	TC186412	null	Mm.6586
4974	11248	AW546525	TC197687	null	null
35973	29781	AW546328	null	null	null
9673	15361	AW546406	TC164352	null	Mm.103114
14798	17665	AW546483	TC186918	prion protein PrP27-30	Mm.648
46252	44363	AW546563	TC188723	manic fringe precursor	Mm.517
38624	45445	AW547658	TC203193	null	Mm.33057
95975	150830	AW547823	TC159554	ribosomal protein L36	Mm.11376
175325	288941	AW547924	TC159924	retinoblastoma-binding protein	Mm.1603
179774	141912	AW548021	TC187621	null	Mm.22238
19966	18545	AW547680	TC190420	null	Mm.31233
82427	81874	AW547847	TC189593	null	Mm.32062
63829	82220	AW547945	TC189728	null	Mm.28367
50801	60196	AW548051	TC176196	null	Mm.46727
89461	84593	AW549199	TC160756	RPA16	Mm.34570
70073	84466	AW549306	TC160418	RNA/DNA-binding protein	Mm.1951
148336	151334	AW549426	null	null	Mm.20903
159457	152909	AW549517	TC187774	null	Mm.25119
48666	51638	AW549236	null	null	Mm.102888
19559	19948	AW549348	TC176128	null	Mm.25856
0	0	AW549442	null	null	null
48381	33177	AW549544	TC161574	null	Mm.41583
58477	83130	AW546647	TC189843	null	Mm.6478
75515	52479	AW546725	TC190059	null	Mm.28112
9802	9477	AW546818	TC173514	retinoic acid-responsive prote	Mm.906
24747	27440	AW546856	TC205090	null	Mm.26612
20779	22322	AW546666	null	null	Mm.100764
64762	100477	AW546741	TC173787	null	Mm.39981
0	0	AW546837	null	null	null
205050	225778	AW546888	null	null	null
40569	38027	AW548113	TC163064	null	Mm.41216

55315	63379	AW548212	TC173941	null	Mm.26546
116762	106803	AW548322	TC200382	PCTAIRE-1 protein kinase	Mm.4597
34782	44000	AW548400	TC159878	Id2 protein	Mm.1466
141999	153916	AW548128	null	null	null
26416	25450	AW548233	TC162251	null	Mm.22634
6298	9042	AW548335	TC187368	null	Mm.26708
29381	35646	AW548427	TC189710	null	Mm.18616
61030	43220	AW549644	TC160600	null	Mm.29032
83261	123692	AW549718	null	null	null
0	0	AW549816	null	null	null
104375	110764	AW549898	TC161284	flavo-binding protein	Mm.28986
14376	16203	AW549667	null	null	null
6407	11287	AW549738	TC164655	null	Mm.103484
469381	290730	AW549855	null	null	Mm.1779
25830	125396	AW549905	TC159636	alpha-globin	Mm.16820
302564	366987	AW550680	null	null	Mm.102932
561948	1117000	AW550799	TC173053	pro-alpha-2(I) collagen	Mm.4482
151855	158402	AW550877	TC175184	null	Mm.22521
91741	219135	AW550951	TC201102	null	Mm.30036
82464	106903	AW550700	TC175404	null	Mm.36912
58991	72532	AW550818	TC173328	null	Mm.14486
52966	51108	AW550887	TC187790	mitochondrial inner membrane t	Mm.27393
135726	749699	AW550996	null	null	null
27964	37646	AW551965	TC173402	null	Mm.41367
0	0	AW552008	TC197565	null	Mm.102987
8039	7996	AW552060	null	null	null
0	0	AW552105	null	null	Mm.104508
21636	25692	AW551975	null	null	null
48678	46189	AW552025	TC177840	null	Mm.100885
54130	89445	null	null	null	null
486432	709735	AW552118	null	null	Mm.102988
88588	125230	AW552799	TC200275	null	Mm.29348
0	0	AW552859	TC159035	deoxyribonuclease II precursor	Mm.41853
221827	232983	AW552922	null	null	null
807300	750873	AW553009	TC187653	null	Mm.2144
0	0	AW552819	TC202346	null	null
40884	71727	AW552870	TC188539	null	Mm.29310
66864	72036	AW552948	TC161824	null	Mm.28836
89868	84182	AW553043	TC159514	voltage dependent anion channe	Mm.16773
34175	43600	AW551042	TC176369	renin-binding protein	Mm.28280
10636	15079	AW551193	null	null	null
17726	23906	AW551294	TC163941	null	Mm.33582
45341	142326	AW551407	TC175093	null	Mm.12255
0	0	AW551123	TC197673	null	Mm.102944
22057	25469	AW551225	TC189139	null	Mm.23598
16412	23839	AW551317	TC197666	null	null
36510	43414	AW551431	null	null	Mm.4467
259127	402709	AW552139	null	null	Mm.10706
15958	13229	AW552192	TC177354	null	null
106565	124444	AW552239	TC186979	null	Mm.29995
15979	21546	AW552290	TC175359	nucleophosmin/nucleoplasmin-3	Mm.1406

91410	144965	AW552153	TC158296	null	Mm.16820
0	0	AW552200	null	null	null
52938	61082	AW552247	null	null	Mm.102993
0	0	AW553074	TC176186	null	Mm.41759
43034	28383	AW553142	null	null	null
14343	10178	AW553199	TC163982	null	Mm.71886
0	0	AW553266	TC176037	null	Mm.28427
23336	34357	AW553091	TC160655	P26s4	Mm.2222
29281	28501	AW553157	null	null	null
32130	24890	AW553212	TC175869	nuclear protein ZAP	Mm.46674
15257	18082	AW553278	TC157883	ubiquitin-conjugating enzyme	Mm.12921
0	0	AW550681	TC172129	null	Mm.102933
297644	328356	AW550805	TC174908	null	Mm.34077
47929	57994	AW550878	TC178608	null	null
1339407	2460101	AW550958	null	null	null
11852	10605	AW550703	TC165160	null	null
317187	303438	AW550819	null	null	Mm.29213
284973	475041	AW550891	TC189926	null	Mm.36831
309045	1273671	AW550998	null	null	null
51652	61399	AW551966	TC202492	null	Mm.38300
19594	32488	AW552014	TC174167	transcriptional repressor SIN3	Mm.2137
16012	16398	AW552064	TC176686	null	Mm.50233
34556	16548	AW552108	TC160000	null	Mm.22227
60894	71312	AW551978	null	null	Mm.102982
0	0	AW552026	TC160661	null	Mm.43482
0	0	AW552074	TC170708	null	null
9268	12421	AW552119	TC161275	Fyn(T)	Mm.4848
14453	17772	AW552802	TC174686	null	Mm.29316
116371	107608	AW552860	TC160819	null	Mm.103017
346692	399350	AW552924	null	null	Mm.103020
103979	91376	AW553023	null	null	Mm.103025
0	0	AW552820	TC192142	null	Mm.103013
30145	36597	AW552876	null	null	Mm.103018
121529	154754	AW552949	TC188847	null	Mm.27689
146389	129405	AW553045	TC186366	null	Mm.30806
0	0	AW551043	TC177032	null	Mm.68976
19364	26680	AW551195	TC175765	null	Mm.17333
71608	100623	AW551295	null	null	null
125292	186995	AW551408	null	null	Mm.20847
28392	33512	AW551128	TC161676	PAF acetylhydrolase	Mm.9277
127611	101497	AW551230	TC201060	null	Mm.1608
27011	30250	AW551319	TC201754	sif and Tiam1-like exchange fa	Mm.29014
40593	62920	AW551432	TC204411	null	Mm.31525
86892	109115	AW552141	TC173510	translation initiation factor	Mm.3941
10502	18930	null	null	null	null
14888	24518	null	null	null	null
26374	27972	AW552291	TC157862	null	Mm.24878
49915	32555	AW552155	TC187506	conserved helix-loop-helix ubi	Mm.3996
49142	71286	AW552203	TC188786	null	Mm.2866
3528	5038	AW552250	TC205903	null	Mm.32677
0	0	AW553076	TC213424	null	Mm.103030

0	0	AW553143	TC161269	null	Mm.27095
13633	16167	AW553200	TC162468	transcription regulator	Mm.15755
0	0	AW553269	TC162121	null	Mm.18783
7126	7081	AW553099	TC161449	NAB1	Mm.74586
0	0	AW553159	null	null	Mm.103035
0	0	AW553214	TC178593	null	Mm.66298
5177	7026	AW553279	TC211231	null	Mm.103042
18595	19392	null	null	null	null
160119	146115	AW550806	TC159903	null	Mm.24605
2461052	2455711	AW550880	TC200304	thioredoxin	Mm.1275
0	0	AW550960	null	null	null
296225	269396	AW550705	null	null	null
692271	923871	AW550822	TC173117	null	Mm.28066
322739	455616	AW550894	TC177784	null	Mm.100607
54305	63327	AW551968	TC160776	null	Mm.29746
16953	15181	AW552018	TC160070	null	Mm.25776
38819	30839	AW552065	TC166162	null	Mm.102985
130823	87720	AW552111	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
33699	35072	AW551980	TC201322	HepA-related protein Harp	Mm.36676
140080	140094	AW552027	null	null	Mm.265
11740	12764	AW552075	null	null	Mm.102896
10121	14234	AW552122	TC188419	tissue factor pathway inhibito	Mm.3601
64825	87006	AW552804	TC177619	null	Mm.34179
60370	77338	AW552861	TC200573	null	Mm.23090
79231	60187	AW552927	TC173244	angiotensin II AT2 receptor-in	Mm.28951
20250	31713	null	null	null	null
50538	68227	AW552822	null	null	null
179277	178306	AW552880	null	null	null
12935	15307	AW552953	TC167510	null	Mm.103022
21366	29948	AW553046	null	null	null
7862	6808	AW551196	TC190366	null	Mm.41338
7995	10359	AW551304	null	null	Mm.102951
26838	31921	AW551411	null	null	null
6167	8010	AW551137	TC190469	null	Mm.102948
106440	136946	AW551233	TC159890	mPRL-2	Mm.6355
122582	150348	null	null	null	null
33796	57080	AW551435	TC160155	null	Mm.9210
85968	123841	AW552144	TC157557	null	null
43423	57968	null	null	null	null
297169	525941	AW552240	null	null	null
9435	7243	AW552293	TC168787	null	Mm.103478
72239	76842	AW552156	null	null	null
117012	98875	null	null	null	null
0	0	AW552251	TC170195	null	null
0	0	AW552390	null	null	null
62858	104524	AW553081	TC159572	ribosomal protein S14	Mm.43778
4726	5030	AW553147	TC211227	null	Mm.103034
18817	17103	AW553202	TC173392	glutathione transferase (EC 2.	Mm.2011
22913	19883	AW553271	null	null	null
157458	165424	AW553100	null	null	null
0	0	AW553163	TC191423	null	Mm.103529

0	0	AW553216	null	null	null
0	0	null	null	null	null
225796	226966	AW550689	TC173362	glucose-6-phosphate isomerase	Mm.589
83347	98931	AW550810	TC176431	GCN2 eIF2alpha kinase	Mm.26931
761867	926474	AW550881	TC161348	null	Mm.30941
59699	58804	AW550977	TC162003	null	Mm.27787
53826	72181	AW550726	TC160387	unnamed protein product	Mm.21444
52241	98738	AW550831	TC162651	null	Mm.12573
297411	925871	AW550895	TC186980	angiotensin II type 2 receptor	Mm.2679
353863	250049	AW551000	null	null	null
367959	471539	AW551969	TC157622	proline-rich protein	Mm.28797
14167	12857	AW552021	TC160759	null	Mm.29852
99122	79832	AW552069	TC173250	ATP synthase b chain homolog	Mm.30112
14319	11143	null	null	null	null
8965	11816	AW551984	TC173604	null	Mm.18421
80875	59233	AW552031	TC187736	m-Numb	Mm.4390
6331	8659	AW552076	null	null	null
9569	12910	AW552125	TC190884	null	Mm.24919
24972	28829	AW552808	TC189001	null	Mm.640
238099	214194	AW552866	TC187039	null	Mm.2206
45612	75076	AW552928	TC200541	null	Mm.29135
6780	7290	AW553034	null	null	null
17985	20231	null	null	null	null
16498	15641	AW552883	null	null	null
127106	141686	AW552954	TC161855	null	Mm.24434
61631	89211	AW553048	TC167100	null	Mm.103026
21211	36333	AW551050	TC175604	null	Mm.27968
3329	6723	AW551197	null	null	Mm.102949
0	0	AW551305	TC161583	null	Mm.29671
40986	55603	AW551418	TC187285	null	Mm.34002
62506	67668	AW551139	TC158333	putative secreted protein SIG9	Mm.103533
0	0	AW551239	TC202669	null	Mm.3447
20307	25919	AW551321	TC187803	spermine synthase	Mm.3553
392136	613454	AW551441	TC200463	null	Mm.29000
8463	8158	AW552148	TC174873	null	Mm.10407
40031	60219	AW552195	TC200211	null	Mm.6932
30052	25767	AW552243	TC188380	null	Mm.29593
9613	12921	AW552294	TC164273	null	Mm.44032
86989	84593	AW552159	TC159526	SERCA2b isoform	Mm.42255
0	0	AW552205	TC176816	zinc finger protein	Mm.4417
49842	47522	AW552253	TC160729	FT1 protein	Mm.28027
40684	59342	AW552393	TC206306	null	Mm.40140
0	0	AW553086	TC192030	null	Mm.40842
0	0	AW553150	TC200000	hexokinase	Mm.5290
10402	9253	AW553203	TC173059	unnamed protein product	Mm.4271
0	0	AW553272	TC204021	null	Mm.34783
22707	37151	AW553103	TC201610	null	Mm.41940
183575	298446	AW553165	null	null	null
19529	17622	AW553219	null	null	null
104837	137800	AW553280	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
32774	42991	AW550693	TC163806	null	Mm.75856

773557	1385665	AW550812	TC159942	aldose reductase	Mm.451
684854	1132169	null	null	null	null
1560779	2867596	AW550981	null	null	null
80559	98461	AW550732	TC200151	uroporphyrinogen decarboxylase	Mm.22494
1208172	1996533	AW550832	TC175804	null	Mm.28140
0	0	AW550897	TC199936	p68 RNA helicase	Mm.19101
183156	956069	AW551003	TC173112	Epithelin 1 & 2	Mm.1568
26355	25938	AW551971	TC173741	null	Mm.38801
67761	48357	AW552022	TC162024	nudix hydrolase	Mm.28705
49401	49586	AW552070	TC203758	null	Mm.33383
33060	34432	AW552113	TC173896	null	Mm.21915
229877	306781	AW551989	TC199907	elongation factor 2	Mm.70787
33211	49775	AW552036	TC201159	KIAA312p	Mm.27372
21336	18839	AW552080	TC165416	null	Mm.100666
13662	7536	AW552126	TC157792	null	Mm.11223
353226	276320	AW552812	TC173113	null	Mm.400
154668	151317	AW552868	TC201844	null	Mm.27566
460235	507367	AW552932	null	null	null
10792	10274	AW553038	TC161374	murine arylsulfatase A	Mm.620
66966	63565	AW552828	TC203549	null	Mm.19059
33009	36206	AW552885	TC188993	null	Mm.41554
0	0	AW552956	TC184041	null	Mm.103023
122992	80932	AW553049	TC188934	null	Mm.24236
28522	45100	AW551205	TC200023	ribosomal protein L27	Mm.28985
8003	29265	AW551313	TC159688	insulin-like growth factor bin	Mm.578
161563	257976	AW551421	TC158918	UbcM4 protein	Mm.3074
47296	52382	AW551147	TC162847	null	Mm.24436
41907	43886	AW551243	TC176367	null	Mm.2833
33427	49632	AW551325	TC159873	milk fat globule glycoprotein	Mm.1451
0	0	AW551442	TC176539	null	Mm.45769
16802	14149	AW552152	TC175469	null	Mm.21217
68400	102828	AW552197	null	null	Mm.43309
21356	25488	AW552244	TC157506	null	Mm.42032
32299	39638	AW552384	TC161118	null	Mm.41713
38621	47313	AW552166	TC173388	superoxide dismutase 1, cyto	Mm.5274
0	0	AW552206	TC159743	null	Mm.38494
0	0	AW552254	TC164165	null	Mm.39744
31540	42876	AW552394	TC162345	null	Mm.39097
26270	40107	AW553089	TC188941	gp180-carboxypeptidase D-like	Mm.20910
20105	28583	AW553151	TC159199	null	Mm.34894
133920	79155	AW553206	TC173392	glutathione transferase (EC 2.	null
43947	59642	AW553273	TC178548	null	Mm.95879
24367	21188	AW553104	TC161698	null	Mm.41274
0	0	AW553169	null	null	null
21797	20366	AW553221	TC174438	menin	Mm.12917
12222	16032	AW553286	TC175687	null	Mm.26944
23470	34923	AW550697	TC202582	null	Mm.6499
127340	106671	AW550816	null	null	null
801630	1152267	AW550882	TC192129	null	Mm.102938
765832	1226070	AW550992	TC197675	null	null
199758	364213	AW550740	TC161323	null	Mm.28777

753922	906264	AW550835	null	null	null
469545	807261	AW550900	TC188228	emerin	Mm.18892
0	0	AW551007	TC175974	null	Mm.25937
9599	7130	AW551973	TC176403	null	Mm.26652
14002	14336	AW552024	TC174404	null	Mm.102984
134487	113664	AW552072	null	null	null
0	0	AW552114	TC161212	TERF1-interacting nuclear prot	Mm.3680
224000	299034	AW551989	TC199907	elongation factor 2	Mm.70787
216139	254518	null	null	null	null
0	0	AW552082	TC205385	null	Mm.32755
10791	9779	AW552126	TC157792	null	Mm.11223
339041	244442	AW552818	TC186544	null	Mm.21905
177215	186338	AW552869	TC175228	null	Mm.21535
186580	323599	AW552943	TC200037	null	Mm.10474
15132	13895	AW553041	TC188470	putative RNA helicase	Mm.23705
50837	94894	AW552829	null	null	null
144072	162721	AW552886	TC186422	murine valosin-containing prot	Mm.18921
157243	188060	AW552958	TC186544	null	Mm.21905
312264	398301	AW553050	TC204346	null	Mm.34790
0	0	null	null	null	null
156104	199381	AW551221	null	null	null
53494	74260	AW551315	TC159482	S29 ribosomal protein	Mm.35816
113357	145946	AW551423	TC163615	null	Mm.94926
17636	15599	AW551149	TC174013	protein kinase inhibitor gamma	Mm.10091
37010	36441	AW551247	TC175918	null	Mm.34706
23757	30295	AW551326	TC192130	null	Mm.177
108524	161143	AW551443	null	null	null
19330	20573	null	null	null	null
14417	16053	AW552198	null	null	null
0	0	AW552246	TC202482	null	Mm.30075
21939	21883	AW552385	TC201410	talin	Mm.4053
154701	151307	AW552167	TC158357	pelle-like protein kinase	Mm.38241
160377	172590	AW552208	TC200472	cell-surface sialomucin MGC-24	Mm.28083
62007	62092	AW552255	null	null	null
122278	206285	AW552395	TC175638	null	Mm.7050
51648	71260	AW553091	TC160655	P26s4	Mm.2222
0	0	AW553155	TC202518	co-chaperone mt-GrpE#2 precurs	Mm.12959
62560	70044	AW553207	TC159459	SC1 precursor	Mm.29027
0	0	AW553276	null	null	null
14465	7148	AW553105	TC157951	null	Mm.38317
0	0	AW553170	null	null	Mm.103036
0	0	AW553222	TC161614	null	Mm.45104
33820	40585	AW553287	null	null	Mm.103043
0	0	AW553740	null	null	Mm.103066
0	0	null	null	null	null
33156	37230	AW553875	TC159946	null	Mm.13445
0	0	AW553936	TC160190	mouse transcription factor kA1	Mm.3406
258736	174274	AW553758	TC175261	null	Mm.24126
71592	98106	AW553809	TC160560	RNAse L inhibitor	Mm.5831
0	0	AW553892	null	null	Mm.103074
0	0	AW553953	TC207785	null	null

14034	21399	AW554716	null	null	Mm.103108
0	0	AW554807	TC207295	null	Mm.40513
0	0	AW554879	null	null	null
57421	74759	AW554943	TC157702	null	Mm.22635
0	0	AW554730	TC192301	null	Mm.37921
29369	35267	AW554825	TC160319	unnamed protein product	Mm.41782
0	0	AW554902	null	null	null
32677	29644	AW554960	null	null	null
143560	152623	AW555684	TC157688	HN1	Mm.1775
140140	136833	AW555736	null	null	null
41189	39484	AW555775	TC178609	null	Mm.103155
34618	44413	AW555698	TC159454	DRPLA protein	Mm.3172
126843	163783	AW555748	null	null	null
74130	67752	AW555785	null	null	null
1358633	1405603	AW554002	TC191452	null	Mm.27370
325612	332764	AW554082	null	null	null
29961	24665	AW554141	TC206759	null	Mm.100334
0	0	AW554202	null	null	null
6455	5447	AW554030	TC203738	null	Mm.91081
541366	462568	AW554098	TC157683	voltage dependent anion channe	Mm.569
36939	42621	null	null	null	null
90927	84513	AW554215	null	null	Mm.16773
1042168	1569916	AW555035	null	null	null
17182	28603	AW555089	null	null	null
114340	263004	AW555131	null	null	Mm.103126
337073	341776	AW555179	null	null	null
253508	205948	AW555050	null	null	Mm.103123
94024	141652	AW555096	TC188016	tumor suppressor p53	Mm.222
92508	90513	AW555145	TC160531	null	Mm.28349
47618	54642	AW555189	TC200990	null	Mm.24997
29599	37885	null	null	null	null
19374	22737	AW555936	null	null	Mm.103031
192079	194055	AW556004	TC200349	Rho family GTPase RhoA	Mm.757
106396	123711	AW556065	null	null	null
398348	665610	AW555856	TC199923	ribosomal protein S19	Mm.22103
109019	118770	AW555958	TC201251	null	Mm.29802
19914	26226	AW556026	TC206607	null	Mm.103160
85819	94774	AW556081	TC187210	null	Mm.30740
5633	4565	AW553743	TC180528	null	Mm.103064
19539	27845	AW553798	null	null	Mm.103070
4699	9746	AW553876	TC187704	null	Mm.38367
0	0	AW553938	TC194154	null	Mm.103077
39032	36546	AW553760	TC173583	null	Mm.34907
52538	37919	AW553810	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
0	0	AW553894	TC190698	null	Mm.23806
57814	45485	AW553961	TC160654	null	Mm.29987
19791	16736	AW554719	TC188437	null	Mm.28635
12901	8291	AW554818	TC202234	null	Mm.40623
0	0	AW554882	TC209533	null	null
149671	146344	AW554947	TC174377	null	Mm.35618
10725	24706	AW554737	TC161512	null	Mm.21972

0	0 null	null	null	null
88543	82380 AW554903	TC161838	null	Mm.26266
44756	43516 AW554974	TC158836	null	Mm.35787
170278	155212 AW555686	TC203020	null	Mm.26724
417046	422606 AW555738	null	null	Mm.103153
491540	570506 AW555778	TC160740	null	Mm.21490
177297	185506 AW555699	TC177480	null	Mm.25457
221040	253871 AW555749	null	null	null
1734720	2884818 AW555786	null	null	null
150844	175597 AW554005	TC201772	null	Mm.13437
56028	54827 AW554084	TC187719	null	Mm.27175
0	0 AW554147	TC205842	null	Mm.31153
0	0 AW554205	TC199202	null	Mm.103086
62167	81037 AW554031	TC192165	null	Mm.62687
35401	38804 AW554102	TC176681	paraoxonase-3	Mm.9122
25811	34798 AW554154	TC165703	null	Mm.40737
0	0 AW554217	TC184143	null	null
55223	67737 AW555036	TC158612	null	Mm.28089
49546	54843 AW555090	TC163742	MMUSF	Mm.8
45061	50547 AW555133	TC200878	null	Mm.84383
12302	12836 AW555181	null	null	Mm.82592
271702	309148 AW555051	null	null	null
7097	12755 AW555098	TC202422	null	Mm.46006
24619	28390 AW555147	TC179037	null	null
44936	69867 AW555189	TC200990	null	Mm.24997
43371	39527 AW555835	null	null	null
65285	61599 AW555938	TC161401	null	Mm.38877
21766	21547 AW556007	TC179186	null	null
15332	22139 AW556068	TC190747	null	null
22739	27290 null	null	null	null
277881	394214 AW555962	null	null	null
28249	25201 AW556027	TC189534	null	Mm.21630
18434	17871 AW556082	TC200423	null	Mm.28508
0	0 AW553749	TC176438	null	Mm.23551
0	0 null	null	null	null
0	0 null	null	null	null
15687	18111 AW553939	TC186623	MCM2	Mm.16711
0	0 AW553761	TC190693	null	Mm.41604
35427	18978 AW553811	TC158241	band 3-related protein	Mm.4580
22677	17510 AW553895	TC188880	null	Mm.6452
19096	23675 AW553963	TC190762	null	Mm.41022
65328	66332 AW554722	TC173763	null	Mm.28877
17201	13907 AW554820	TC201202	null	Mm.28792
66607	52735 AW554889	TC188975	putative potassium-chloride co	Mm.24510
79314	123712 AW554948	TC186862	centrosomin B	Mm.2238
27303	38995 AW554745	TC175901	null	Mm.46641
26426	20977 null	null	null	null
202373	335040 AW554909	TC159789	ribosomal protein L8	Mm.30066
79899	64844 AW554975	TC187927	null	Mm.41617
192870	193311 AW555687	TC201355	null	Mm.24786
93656	111388 AW555740	TC188394	null	Mm.68777

210504	218895	AW555779	TC188132	protein kinase	Mm.8385
790039	711287	AW555750	TC163788	null	Mm.7033
185471	271197	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
42244	44689	AW554016	TC189936	null	Mm.32827
27454	29899	AW554085	TC157628	BUB2-like protein 1	Mm.29982
10481	15836	AW554148	null	null	null
146370	207343	AW554208	TC173980	null	Mm.18924
73392	85620	AW554034	null	null	null
69775	68025	AW554103	null	null	null
22556	31750	AW554155	TC160255	ligatin	Mm.7330
36271	46683	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
295827	305755	AW555040	null	null	null
25410	28779	AW555091	TC167118	null	null
18602	15187	AW555134	null	null	null
34127	52359	AW555183	TC193151	null	Mm.55899
1255127	2024957	AW555055	null	null	null
89817	99543	AW555102	null	null	null
53908	85023	AW555150	TC161823	null	Mm.32196
25809	33205	AW555191	TC200479	protein 4.1G	Mm.814
84043	86995	AW555836	TC188238	CAAT-box DNA binding protein s	Mm.3259
65498	67167	AW555939	TC160998	null	Mm.28312
40845	48194	AW556011	TC176577	null	Mm.28940
31871	35120	AW556069	TC157795	null	Mm.103164
13525	24334	AW555863	TC170706	null	null
223560	232615	AW555965	null	null	null
0	0	AW556031	TC187999	null	Mm.29243
21574	39282	AW556085	null	null	null
10279	8769	AW553752	null	null	null
14911	12051	AW553802	null	null	Mm.104512
0	0	AW553880	TC167429	null	Mm.103073
4699	7368	AW553944	TC202807	null	Mm.46656
15601	20383	AW553762	null	null	null
215300	120579	AW553814	TC175084	null	Mm.38087
26185	34825	AW553896	TC204203	null	Mm.41768
17560	23747	AW553964	null	null	null
0	0	AW554727	null	null	Mm.103109
59426	80070	AW554821	null	null	Mm.103113
71232	67765	AW554892	TC187555	null	Mm.29700
26302	36864	AW554953	null	null	Mm.103121
0	0	AW554746	null	null	Mm.103110
8321	17337	AW554829	TC177925	null	Mm.87189
28647	47383	AW554911	TC187631	null	Mm.44209
28927	29354	AW554976	TC174807	small GTP-binding protein asso	Mm.21904
12406	8415	AW555689	TC186892	null	Mm.46725
273362	500881	AW555741	TC186487	non-histone chromosomal high-m	Mm.16421
87186	88930	AW555781	TC187331	precursor polypeptide (AA -25	Mm.2570
63473	74401	AW555701	TC203243	potassium channel Kv4.2	Mm.5302
21275	24045	AW555751	null	null	Mm.41349
297500	437702	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
16150	20476	AW554021	TC161856	null	Mm.29954
10761	16670	AW554091	TC174968	null	Mm.9870

41267	34899	AW554149	TC157671	tyrosine kinase	Mm.35650
23397	16630	AW554209	TC200342	long chain fatty acyl CoA synt	Mm.28962
6601	6430	AW554038	TC206390	null	Mm.103080
0	0	AW554104	null	null	null
195063	178844	AW554157	TC200773	FAN protein	Mm.3059
28025	36926	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
496480	834511	AW555043	TC191261	null	Mm.45591
150934	216441	null	null	null	null
176763	176211	AW555136	null	null	null
21472	27017	AW555184	TC201437	null	Mm.31097
473810	494688	AW555056	null	null	null
321450	306242	AW555103	TC187304	fibroglycan (syndecan-2)	Mm.29350
22061	30258	AW555152	null	null	null
13824	19965	null	null	null	null
196081	211709	AW555840	TC160290	null	Mm.4538
102305	107401	AW555941	TC162373	male-specific lethal-3 homolog	Mm.24248
42408	55600	AW556014	TC174934	null	Mm.45738
71634	79867	AW556074	null	null	Mm.2632
0	0	AW555872	TC202385	branched-chain amino acid amin	Mm.4811
59261	65222	AW555967	TC162334	null	Mm.28766
37454	38618	AW556032	null	null	Mm.103161
25358	37217	AW556086	null	null	null
0	0	AW553754	TC205603	null	Mm.96408
0	0	null	null	null	null
37384	35759	AW553882	TC161616	null	Mm.38168
95581	115561	AW553949	null	null	Mm.103078
26716	32919	AW553763	TC186452	unknown	Mm.1089
161167	158073	AW553816	null	null	null
23948	19323	AW553897	TC188576	uroporphyrinogen III synthase	Mm.3160
76181	82266	AW553967	TC176456	null	Mm.31770
44649	62655	AW554728	TC174516	mEnx-1	Mm.4303
51735	66101	null	null	null	null
39605	30581	AW554898	TC160912	Gas1 protein	Mm.22701
47317	65179	AW554954	TC161530	N-cadherin	Mm.14897
328474	262376	AW554748	TC158204	MHC class I heavy chain precur	Mm.33263
155055	147059	AW554830	null	null	null
218006	252442	AW554913	null	null	Mm.103119
81110	79874	AW554990	TC178480	null	Mm.73170
581135	418338	AW555690	TC188970	cholinephosphate cytidyltran	Mm.3905
54810	47465	AW555743	TC207029	null	Mm.103154
94367	98008	AW555782	TC161586	null	Mm.29088
884529	1692643	AW555704	TC159517	ribosomal protein S24	Mm.16775
2762474	2978379	AW555753	null	null	null
527052	709660	AW555795	null	null	null
97090	106487	AW554024	TC161249	null	Mm.38451
11256	19650	AW554095	TC164573	null	Mm.72993
373307	312885	AW554150	TC200212	ARF4	Mm.1486
13972	17871	AW554212	TC163547	null	Mm.40987
0	0	AW554040	TC186938	pigment epithelium-derived fac	Mm.2044
61424	87206	AW554105	TC201177	null	Mm.3037
30559	28304	AW554162	TC186999	null	Mm.41443

0	0	AW554220	null	null	Mm.103089
118215	153411	AW555045	TC188980	null	Mm.28149
0	0	AW555092	TC167771	null	Mm.103125
123444	110619	AW555138	TC201045	NGFI-A binding protein 2	Mm.2489
25263	25141	AW555185	TC160596	null	Mm.27499
52231	59458	AW555058	null	null	null
59416	70098	AW555106	TC176160	null	Mm.45573
0	0	AW555154	TC202835	null	Mm.5727
0	0	AW555199	TC161000	null	Mm.22317
19896	27799	AW555843	TC163599	null	Mm.32497
74078	100422	AW555942	TC202407	centromere autoantigen B (CENP	Mm.41454
19448	23674	AW556016	TC163236	null	Mm.46529
248996	225925	null	null	null	null
28188	23150	AW555873	TC197199	null	Mm.103157
207313	263052	null	null	null	null
51825	57354	null	null	null	null
88578	119975	AW556087	TC175648	ROSA26AS	Mm.781
0	0	AW553757	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
0	0	AW553808	null	null	Mm.52307
8489	14767	AW553891	null	null	null
59476	56074	AW553950	TC160394	AES-2 protein	Mm.2626
0	0	AW553764	TC180398	null	Mm.103067
0	0	AW553818	TC174959	null	Mm.29703
14438	21724	AW553909	TC162171	null	Mm.24294
0	0	AW553972	null	null	Mm.34618
0	0	AW554729	TC201967	null	Mm.50655
33454	44975	AW554824	TC163514	null	Mm.28329
28242	29282	AW554900	TC184008	null	Mm.103118
0	0	AW554959	TC161015	null	Mm.34257
129540	151590	AW554755	TC158899	ribosomal protein L38	Mm.43330
20136	21333	AW554833	null	null	null
71311	66656	AW554915	TC160492	skeletal muscle LIM protein	Mm.3126
15785	21701	null	null	null	null
178290	183216	AW555694	TC200966	Wolf-Hirschhorn syndrome candi	Mm.17154
334516	367959	AW555746	TC160666	RNA-binding protein staufer	Mm.41650
0	0	AW555784	null	null	null
1530986	2324409	AW555704	TC159517	ribosomal protein S24	Mm.16775
97604	122764	AW555754	TC200243	null	Mm.2660
610913	504959	AW555798	TC159426	retinoid X receptor interactin	Mm.88061
68696	55907	AW554028	TC175904	null	Mm.41020
21268	18639	AW554097	TC189385	null	Mm.30209
72614	71337	null	null	null	null
10801	15306	AW554214	TC192992	null	Mm.103087
28926	42674	AW554044	TC165110	null	Mm.23135
1406577	2260117	AW554113	null	null	Mm.103084
137662	154889	AW554163	null	null	Mm.103085
65503	103858	AW554221	TC177635	post-replication repair protei	Mm.70459
111791	116724	AW555047	TC159693	NADH oxidoreductase	Mm.29513
35420	40243	AW555095	TC187648	pituitary tumor transforming g	Mm.6856
69016	77403	AW555139	TC162785	null	Mm.9676
35250	31896	AW555188	TC187824	62 kDa subunit of TFIIH	Mm.22700

43414	51258	AW555061	TC187945	null	Mm.16925
80895	80595	AW555107	TC159002	RAD54	Mm.3655
120863	93943	AW555155	TC158601	null	Mm.32846
10682	7916	AW555201	null	null	Mm.103130
198357	189840	AW555853	null	null	null
409250	424808	AW555949	TC176029	null	Mm.5348
31187	26527	AW556021	TC202477	null	Mm.5396
47845	84532	AW556076	TC160225	null	Mm.4042
212684	228191	AW555877	TC186511	GDP dissociation inhibitor bet	Mm.19123
81369	144203	AW555980	null	null	null
38402	39881	AW556036	TC200899	null	Mm.28285
32764	29092	AW556088	TC163364	null	Mm.24863
11031	17495	AW556545	TC207591	null	null
48910	75522	AW556594	null	null	Mm.103189
0	0	AW556680	TC190679	null	Mm.33147
55616	58566	AW556719	TC188235	null	Mm.29385
0	0	AW556556	TC186944	null	Mm.38387
8935	16935	AW556612	TC175335	null	Mm.3080
9285	19977	null	null	null	null
19365	19121	null	null	null	null
37937	73959	AW557527	TC164361	null	Mm.45796
9442	14489	AW557601	null	null	null
1820945	1299226	AW557671	TC159993	succinate dehydrogenase Fp sub	Mm.22149
15822	18231	AW557736	TC187104	null	Mm.29707
74054	98552	AW557541	TC160269	unknown	Mm.24116
11221	26763	AW557617	TC200027	brain expressed X-linked prote	Mm.90787
185549	240466	AW557680	TC201285	null	Mm.21092
9596	11621	AW557749	null	null	null
14631	23276	AW558553	null	null	Mm.104522
43475	35760	AW558443	TC158300	mitochondrial aspartate aminot	Mm.18916
23161	23077	null	null	null	null
30287	43252	AW558669	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
90589	102419	AW558573	TC203807	null	Mm.5258
233299	222539	AW558457	null	null	null
16496	21373	AW558614	TC177219	N-acetyllactosaminide alpha-2,	Mm.103364
9434	10134	AW558692	TC201090	null	Mm.27904
39997	66203	AW556802	TC203608	null	Mm.70309
0	0	AW556867	TC191952	null	Mm.23858
0	0	null	null	null	null
11406	8156	AW556958	TC191333	null	Mm.39312
31161	28508	AW556827	TC206919	null	Mm.102946
21508	26247	AW556880	TC212484	null	Mm.103198
158843	213104	AW556925	TC200043	extra large alpha stimulating	Mm.17446
23088	35225	AW556974	TC178870	null	Mm.18168
147086	204394	AW557796	TC200752	null	Mm.27799
156208	169478	AW557846	TC176733	null	Mm.32139
483937	518657	AW557886	TC160697	null	Mm.22749
0	0	AW557944	TC162726	null	Mm.954
1113347	1032675	AW557809	TC157592	E25B protein	Mm.4266
94617	99108	null	null	null	null
34952	45466	AW557901	TC193191	null	Mm.17541

72544	145269	null	null	null	null
276679	380077	AW558740	TC202143	alpha-mannosidase	Mm.30174
8754	8403	AW558818	TC158992	null	Mm.8552
66345	74859	AW558877	TC211276	null	null
53841	50550	AW558946	TC188047	protein phosphatase 5; PP5	Mm.3294
84555	81366	AW558760	null	null	null
86407	89500	AW558836	null	null	null
130395	69605	AW558892	TC204536	null	Mm.33577
33608	35241	AW558973	null	null	null
7091	6618	AW556546	TC204701	null	Mm.73091
30365	30877	AW556595	null	null	Mm.103190
0	0	AW556683	null	null	null
0	0	null	null	null	null
0	0	AW556558	TC164263	null	Mm.30111
91926	111562	AW556614	TC203331	null	Mm.21572
20783	10917	AW556693	TC197610	null	Mm.103194
28079	27786	AW556743	TC175285	hypothetical protein	Mm.30006
1047609	1529332	AW557529	null	null	Mm.5305
21906	26704	AW557606	TC161003	Grb2 adaptor protein	Mm.6900
24941	34276	AW557674	null	null	null
608654	569534	null	null	null	null
1213549	1099154	AW557545	TC163441	null	Mm.102286
4069	4790	AW557622	TC162859	deltaEF1	Mm.3929
349355	374208	AW557684	TC200991	null	Mm.38825
44232	72513	AW557754	TC175168	null	Mm.41264
63510	94745	AW558554	TC159097	cell surface molecule OX-2	Mm.8649
71402	50360	AW558444	TC159014	IGTP	Mm.858
133973	120581	AW558488	TC160746	null	Mm.52
124754	135691	AW558672	null	null	null
11793	13682	AW558574	TC175528	null	Mm.30596
119570	172284	AW558458	TC207022	null	Mm.103288
633427	642798	AW558616	null	null	null
430459	302101	AW558695	TC174085	TFG protein	Mm.41374
7301	11795	AW556805	TC200340	EAT/MCL-1	Mm.1639
64908	49870	AW556868	TC175395	S182 protein	Mm.998
5953	8844	AW556917	null	null	Mm.103206
15445	18856	AW556959	null	null	null
400915	547000	AW556830	TC174212	null	Mm.22597
24130	22123	AW556881	null	null	Mm.103201
24179	33386	AW556927	TC162303	null	Mm.28969
34708	41073	AW556977	TC160058	zipper protein kinase	Mm.4358
99951	149183	AW557797	TC211258	null	null
304144	204741	AW557848	TC187580	C33/R2/IA4	Mm.4261
45848	63301	AW557889	TC187216	asparagine synthetase	Mm.2942
27799	25158	AW557946	TC159159	null	Mm.1881
3074786	2893636	AW557813	null	null	null
133189	135176	AW557861	null	null	null
99282	107965	AW557904	null	null	null
0	0	AW557962	null	null	null
153387	178192	AW558745	TC175171	null	Mm.28744
282819	327661	AW558819	TC187390	null	Mm.29150

208254	295001	AW558879	TC199903	c-myc binding protein MM-1	Mm.836
187199	150744	AW558948	TC186965	null	Mm.35064
15033	22384	AW558767	TC175882	null	Mm.31175
130113	122541	AW558837	TC203501	null	Mm.25459
0	0	null	null	null	null
274811	253664	AW558981	null	null	null
8833	12217	AW556549	TC202840	homolog of human gene underlyi	Mm.135
73209	72278	AW556597	TC207072	null	Mm.103191
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853671	1083720	null	null	null	null
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226860	110852	AW413200	null	null	null
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30459	41636	AF159803	null	null	null
105144	36620	X58149	null	null	null
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198064	439063	AF168390	null	null	null
1374750	628899	AF247559	null	null	null
75670	90172	X56062	null	null	null
390544	1162168	AF198054	null	null	null
61237	49916	AI835482	TC187961	null	Mm.23914
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3235	5947	AI836133	TC160903	put. guanine nucleotide relea	Mm.29921
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30065	44478	AI836981	TC189012	null	Mm.40750
5896	7789	AI838444	TC158454	null	Mm.5238
0	0	AI836002	TC200642	null	Mm.24559
26457	24947	AI836950	null	null	Mm.39771
33720	28824	AI836991	TC174546	syntaxin 7	Mm.10818
18278	8794	AI838462	TC167346	null	null
49314	48254	AI836010	null	null	Mm.42497
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38697	20120	X58149	null	null	null
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0	0	X56062	null	null	null
525805	1627450	AF198054	null	null	null
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38423	31878	AI835702	TC173902	GM2 activator protein	Mm.4140
171161	267701	AI835756	TC173333	null	Mm.30078
187368	144514	AI835937	TC200006	null	Mm.30133
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35796	35106	AI835714	TC157765	null	Mm.29408
9377	15967	AI835902	TC188345	null	Mm.41774
38926	55623	AI835946	TC186898	unnamed protein product	Mm.14638
14695	14696	AI836079	TC191308	null	Mm.37725
30407	91568	AI840300	TC201548	gamma-glutamyl hydrolase precu	Mm.20461
28522	27324	AI840317	TC162612	null	Mm.21613
484773	357007	AI836814	null	null	null
0	0	AI836087	TC202457	null	Mm.27155
21825	27699	AI840303	TC160381	null	Mm.28452
61188	65727	AI836797	TC175674	null	Mm.43678
98856	111320	AI836821	TC161701	null	Mm.1921

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9219	10385	AF159803	null	null	null
20202	8370	X58149	null	null	null
0	0	U91966	null	null	null
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59746	69600	AI835582	TC158320	null	Mm.29345
24660	14999	AI835486	TC174649	null	Mm.39985
18442	26329	AI835332	TC173781	von Hippel-Lindau binding prot	Mm.8294
74775	64874	AI836141	TC203950	null	Mm.40740
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17630	35350	AI836982	TC174535	Ki antigen	Mm.2141
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69356	85447	AI838463	TC159871	null	Mm.27560
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834786	337615	AF247559	null	null	null
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11745	21965	AI835496	null	null	Mm.40375
23528	21042	AI835703	null	null	Mm.43072
28351	23306	AI835757	null	null	Mm.17869
17246	24737	AI835938	TC165703	null	Mm.40737
29335	32425	AI835509	TC178505	null	Mm.36089
71558	66477	AI835720	TC187795	D7H11orf15 protein	Mm.35680
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6240	8402	AI836752	TC190656	null	Mm.45042
9362	13716	AI836793	TC187454	null	Mm.24092
67145	51402	AI836816	TC186955	null	Mm.41791
2421	3515	AI836088	TC173402	null	Mm.41367
0	0	AI836764	TC201593	null	Mm.29529
35682	38435	AI836798	TC189145	null	Mm.28833
0	0	AI840332	TC191676	null	Mm.39280
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0	0	X58149	null	null	null

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191458	501105	AF168390	null	null	null
1410509	614582	AF247559	null	null	null
45751	45844	X56062	null	null	null
394016	1270110	AF198054	null	null	null
141080	120782	AI835484	TC173319	null	Mm.43640
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49107	62365	AI836136	TC173599	null	Mm.6118
25957	32244	AI836162	TC202416	HMG-box transcription factor	Mm.37506
7227	10225	AI836340	TC176873	AE3 protein	Mm.5053
16947	15475	AI835334	null	null	null
49945	36456	AI836143	TC161548	null	Mm.28040
99774	107198	AI836164	null	null	null
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149016	257679	AI836983	TC186719	ribosomal protein L30	Mm.3487
19448	17799	AI838447	TC201717	null	Mm.28316
17178	21948	AI836004	TC177388	preprothyrotropin-releasing ho	Mm.1363
145728	165631	AI836953	null	null	null
97566	159938	AI836995	TC159884	alpha NAC/1.9.2. protein	Mm.3746
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62219	81821	AI836059	TC201745	null	Mm.29895
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1299931	524614	AF247559	null	null	null
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447293	1459238	AF198054	null	null	null
7602	9595	AI835497	TC204841	null	Mm.40684
35662	29879	AI835705	TC176155	null	Mm.41044
11205	14294	AI835760	TC191948	null	Mm.24347
601142	976626	AI835939	TC159640	eukaryotic translocation facto	Mm.16317
22142	33925	AI835510	null	null	Mm.29627
4125	5354	AI835721	null	null	Mm.42077
697137	570696	AI835905	null	null	Mm.42638
121235	145601	AI835948	TC174469	unnamed protein product	Mm.29122
23672	22956	AI836082	TC202678	null	Mm.29630
277743	365928	AI836753	null	null	null
29499	36982	AI836794	TC186740	null	Mm.28437
91844	89773	AI836817	TC186547	GTP-binding protein	Mm.21905
11568	9511	AI836089	TC157723	fascin	Mm.13194
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10334	12591	AI835485	null	null	Mm.69116
13835	15302	AI835325	TC160670	Keap1	Mm.20905
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21494	34160	AI835583	TC159876	glutamine synthetase	Mm.2338
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9815	5753	AI838452	TC201182	ral-A	Mm.27348
29506	21977	AI836006	TC158971	null	Mm.8688
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1121916	438445	AF247559	null	null	null
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38423	40512	AI835706	TC201989	contains transmembrane (TM) re	Mm.24571
13305	15577	AI835761	null	null	null
95526	115116	AI835942	TC188188	bet3	Mm.8392
0	0	AI835512	TC174900	null	Mm.25753
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197513	153774	AI835951	TC173302	P2B/LAMP-1	Mm.16716
53232	60675	AI836083	TC160569	nucleolar RNA helicase II/Gu	Mm.25264
50772	74968	AI836755	TC159640	eukaryotic translocation facto	Mm.16317
0	0	AI836795	null	null	Mm.39521
16014	14123	AI836818	TC200150	null	Mm.29844
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10860	14904	AI836767	TC204929	inward rectifier potassium cha	Mm.4273
10084	10421	AI836801	TC188924	nuclear pore membrane glycopro	Mm.28162
209107	222647	AI836825	TC200063	null	Mm.25074
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20587	12970	AI836139	TC174209	COP1 protein	Mm.24538
646506	875828	AI835584	TC186539	14-3-3 zeta protein	Mm.3360
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62591	69289	AI835981	TC187187	null	Mm.30099
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331051	317999	AI836986	null	null	Mm.2944
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6567	9486	AI835568	TC186401	null	Mm.3381
38634	25994	AI836168	TC176306	null	Mm.41868
0	0	AI836949	TC161646	copper chaperone for superoxid	Mm.21414
25060	25662	AI836990	TC187650	pituitary tumor transforming g	Mm.6856
9133	10102	AI838456	TC162212	null	Mm.40079
11250	15532	AI836009	TC204230	neurofilament protein	Mm.2034
10419	12202	AI836958	TC187819	null	Mm.29081
11425	8911	AI837006	TC159988	null	Mm.24758
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2317737	969738	AF247559	null	null	null
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695124	1975200	AF198054	null	null	null
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76121	62625	AI835944	TC187680	acetyl-CoA transporter	Mm.25121
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8433	11947	AI837036	TC173948	prenylated RAB acceptor 1	Mm.22473
13279	21158	AI836648	TC173411	null	Mm.22044
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4867	5860	AI838151	TC159542	myelin basic protein	Mm.2992

4623	6298	AI838207	null	null	null
153085	242923	AI838957	null	null	Mm.42944
228456	131228	AI838715	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
80212	49228	AI838755	TC191075	null	Mm.25609
9381	10149	AI841625	TC174867	phosphorylated adaptor for RNA	Mm.41669
1464009	1262510	AI838969	null	null	Mm.40770
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23943	14998	AI838763	TC173791	null	Mm.41320
19199	15128	AI841642	TC190013	Retinoic acid receptor gamma	Mm.1273
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43135	40498	AI838343	TC195213	null	null
51587	63248	AI838592	TC159096	null	Mm.28095
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18543	27924	AI838311	TC187272	type IV collagenase	Mm.29564
85664	87013	AI838564	null	null	Mm.39137
23680	29087	AI838606	TC162848	glycine transporter	Mm.2834
21544	22391	AI841682	TC163588	null	Mm.19146
211253	275382	AI839135	TC200237	X box binding protein-1; XBP-1	Mm.22718
74380	71489	AI839178	TC166545	S-antigen	Mm.1276
42764	34641	AI840485	TC177273	null	Mm.40425
354844	244812	AI839103	TC174957	NAD(+)-dependent 15-hydroxypro	Mm.18832
55790	57188	AI839142	TC186827	mitogen-activated protein kin	Mm.1700
34719	38388	AI840442	TC175909	null	Mm.29219
7780	10944	AI840494	null	null	Mm.2632
19685	21072	AI836639	TC200894	null	Mm.29120
6490	6321	AI836681	TC176468	null	Mm.32956
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108579	174202	AI836869	TC186467	insulinoma protein (rig)	Mm.643
0	0	AI836649	TC175232	hippocalcin	Mm.43587
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0	0	AI836406	TC160677	null	Mm.23918
9761	7569	AI837043	TC205342	null	Mm.44122
25603	44313	AI838819	TC158206	p160 myb-binding protein	Mm.6805
19429	7479	AI838070	TC189354	protein tyrosine phosphatase p	null
63605	63902	AI838140	null	null	Mm.39778
11053	8381	AI838196	TC162856	null	Mm.10088
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23848	16291	AI838088	TC167066	null	Mm.39131
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0	0	AI838208	TC203688	null	Mm.41330
6096	9235	AI838958	TC189388	null	Mm.41441
0	0	AI838716	TC208356	null	Mm.41610

242519	133770	AI838757	TC201555	null	Mm.21108
80447	76233	AI841630	TC200437	null	Mm.25316
0	0	AI838970	TC174570	DAN	Mm.9404
10098	10527	AI838725	null	null	Mm.39138
11880	21991	AI838767	TC203297	alpha-1B adrenergic receptor	Mm.39086
32062	40252	AI841643	TC203182	null	Mm.28380
205270	196834	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
187132	184029	AI837837	null	null	null
9260	8628	AI837880	null	null	null
7364	7703	AI838014	null	null	null
28684	21687	AI837405	TC190759	null	Mm.40720
141717	202617	AI838255	TC157610	CCT (chaperonin containing TCP	Mm.398
0	0	AI838297	TC200167	fibromodulin	Mm.41573
33550	47098	AI838344	TC200726	null	Mm.28595
74424	44560	AI838594	TC161574	null	Mm.41583
42040	53925	AI838262	TC159034	null	Mm.41853
110874	204262	AI838312	TC159930	decorin	Mm.1987
33993	25989	AI838566	null	null	null
21725	81241	AI838607	TC200406	thrombospondin 1	Mm.4159
28490	41298	AI841683	TC177045	null	Mm.40316
0	0	AI839136	null	null	Mm.40409
0	0	AI839180	null	null	null
15222	15661	AI840476	TC177454	null	Mm.23988
22433	27730	AI839109	TC175178	null	Mm.27740
13579	14941	AI839143	TC173385	Supl15h	Mm.29387
20256	20103	AI840445	TC175208	null	Mm.27936
6681	8400	AI840496	TC201727	null	Mm.18635
3199	5782	AI836640	TC166358	null	Mm.26805
0	0	AI836682	TC182971	null	null
0	0	AI836396	TC174872	PTP 35 protein	Mm.2902
139725	186796	AI837037	TC202557	null	Mm.36776
17919	14388	AI836651	TC157694	GDP-dissociation inhibitor	Mm.28084
55022	54422	AI836690	TC202893	null	Mm.34449
10531	14235	AI836408	TC189033	null	Mm.5018
65904	61294	AI837045	TC200540	null	Mm.29683
134493	143167	AI838820	null	null	Mm.40082
7728	5282	AI838071	TC203265	null	Mm.28145
15938	18354	AI838141	null	null	Mm.40074
0	0	AI838200	TC190949	null	Mm.39863
15165	12517	AI842055	TC176459	null	Mm.41237
560624	662677	AI838089	TC173091	mtprd	Mm.3679
56863	66775	AI838154	TC201144	p70 s6k, p85 s6k	Mm.34490
0	0	AI838209	TC176276	null	Mm.29558
404170	388872	AI838959	null	null	Mm.16537
2626	7894	AI838717	TC189514	null	Mm.37976
75633	62022	AI838759	TC158352	CRIP1 protein	Mm.21149
42757	52544	AI841632	TC176502	null	Mm.39565
40175	55472	AI838971	TC159955	signal recognition particle su	Mm.850

227270	232341	AI838727	null	null	Mm.39539
37187	35397	AI838771	null	null	null
222844	342307	AI841644	TC159762	G protein beta subunit like	Mm.5305
214936	212147	AI837828	null	null	null
0	0	AI837874	TC159976	adenylate kinase isozyme 2	Mm.29460
0	0	AI838002	TC161720	myosin	Mm.3153
0	0	AI837394	TC174047	null	Mm.29432
13470	17122	AI837840	null	null	Mm.42347
156083	239317	AI837881	null	null	null
39024	42832	AI838016	TC202873	null	Mm.33179
0	0	AI837407	null	null	null
28450	34041	AI838257	TC189333	null	Mm.24786
334025	428077	AI838299	null	null	Mm.42642
243107	203018	AI838345	null	null	Mm.40403
80342	85474	AI838596	TC199953	null	Mm.25154
14746	17165	AI838265	null	null	Mm.29938
34238	40477	AI838314	TC160709	stat5b	Mm.41404
16690	25699	AI838567	TC204684	null	Mm.40638
100801	56435	AI838612	TC173852	glutathione S-transferase (EC	Mm.14601
4273	4874	AI841684	null	null	null
196804	248960	AI839138	null	null	Mm.5293
38009	42112	AI839182	TC175426	null	Mm.26196
13805	19564	AI840486	TC176725	null	Mm.29329
13646	15934	AI839110	TC174919	ATP-binding cassette protein	Mm.20845
292323	419855	AI839148	null	null	null
31082	29707	AI840446	TC161259	SCHIP-1	Mm.24059
0	0	AI840497	TC161715	null	Mm.21299
21393	21734	AI836641	TC186518	null	Mm.21966
0	0	AI836684	TC202547	null	Mm.28994
74735	125207	AI836397	TC200412	NIX	Mm.29820
323944	435374	AI837039	null	null	null
446005	468780	AI836652	TC157212	null	Mm.235
19548	16694	AI836351	TC178043	null	Mm.40746
0	0	AI836413	TC190329	null	Mm.22788
21809	30601	AI836870	TC204167	null	Mm.31523
47907	48376	AI838821	null	null	Mm.40405
0	0	AI838074	TC176499	null	Mm.68827
10040	9603	AI838142	TC201107	null	Mm.44853
3850	7976	AI838202	null	null	Mm.42790
0	0	AI839485	null	null	null
17875	22161	AI838093	TC162955	chordin	Mm.20457
16838	24610	AI838156	TC162649	carbonic anhydrase-related pol	Mm.1336
33239	30506	AI838210	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
11777	16803	AI838964	TC202274	syntrophin-1	Mm.1541
10632	9460	AI838719	TC179752	null	Mm.39326
20995	20953	AI838760	TC174549	WW-domain binding protein 1	Mm.1109
9910	10911	AI841633	TC204700	null	Mm.41311
0	0	AI838973	TC201547	cellular retinoic acid-binding	Mm.4757
329143	569192	AI838730	TC199996	null	Mm.5290
9544	15211	AI838772	TC189140	null	Mm.23917
6568	11193	AI841645	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934

69233	106012	AI837829	TC201177	null	Mm.3037
0	0	AI837875	TC187647	null	Mm.6225
0	0	AI838003	TC202659	potassium channel protein-1 (A	Mm.2493
96583	89824	AI837396	null	null	Mm.39320
40531	73530	AI837846	TC160724	null	Mm.39472
263710	397226	AI837886	TC160560	RNAse L inhibitor	Mm.5831
0	0	AI838019	TC210106	null	Mm.44748
204190	215281	AI837409	null	null	null
37580	36824	AI838258	TC189131	null	Mm.46356
24703	24095	AI838301	TC205627	null	null
76516	68414	AI838561	null	null	null
12049	19532	AI838599	TC180849	null	Mm.37446
0	0	AI838267	TC159713	myosin heavy chain	Mm.2780
13573	18097	AI838320	TC174854	null	Mm.4467
35928	56619	AI838568	TC189386	null	Mm.30033
257649	351173	AI838613	TC187416	tumor-associated membrane prot	Mm.30024
13581	19332	AI841688	TC204501	null	Mm.33663
18749	26022	AI839139	TC201183	septin-like protein Sint1	Mm.38450
315506	406845	AI839184	TC173296	null	Mm.11204
55078	54834	AI840487	TC190918	null	Mm.14864
40930	59924	AI839112	null	null	Mm.39543
16452	33570	AI839149	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
45704	17355	AI840448	TC161118	null	Mm.41713
37189	42817	AI840499	TC162677	null	Mm.29543
18753	19440	AI836642	null	null	Mm.39769
10636	16684	AI836685	null	null	null
275276	222510	AI836400	TC173287	B/HLH/Z protein	Mm.3931
34867	29366	AI837040	TC179959	null	null
79848	88358	AI836654	TC160050	null	Mm.21156
66887	70598	AI836352	null	null	null
34140	45392	AI836414	TC190363	null	Mm.29370
28996	35814	AI837046	null	null	Mm.39319
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0	0	AI838077	TC200827	null	Mm.28605
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0	0	AI838036	null	null	null
0	0	AI838094	TC163914	null	Mm.5935
8524	10236	AI838161	null	null	null
86842	109147	AI838212	TC159770	14-3-3 epsilon	Mm.42972
63197	56059	AI838965	TC187150	early response protein	Mm.18625
67517	78844	AI838721	TC173737	Ring3	Mm.3444
0	0	AI838761	TC189594	null	Mm.41681
10030	9437	AI841636	TC202188	null	Mm.41451
32674	50022	AI838975	TC173933	centrin	Mm.12481
68190	61278	AI838731	TC158872	null	Mm.27362
14640	12725	AI838773	TC190041	null	Mm.34087
19790	21345	AI841650	TC202074	unnamed protein product	Mm.45497
212085	255823	AI837830	TC176157	null	Mm.21897
26085	49375	AI837876	TC201954	null	Mm.10704
0	0	AI838008	TC160927	null	Mm.29256

455969	478320	AI837397	TC178510	null	Mm.39749
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1380936	565885	AI837888	TC174566	null	Mm.9638
0	0	AI838022	TC158458	null	Mm.8612
580859	1700562	AI837410	TC160654	null	Mm.29987
172191	235570	AI838259	TC208353	null	Mm.39779
216954	358647	AI838302	TC160026	tetraspanin membrane protein C	Mm.4426
106992	95691	AI838562	TC175183	null	Mm.5383
56811	52523	AI838600	null	null	null
0	0	AI838269	TC202109	null	Mm.34475
106647	114698	AI838321	TC200135	CCTeta, eta subunit of the cha	Mm.914
28089	39691	AI838570	TC159652	dodecenoyl-CoA delta-isomeras	Mm.35833
85611	65783	AI838614	TC186388	5' ORF	Mm.14802
47359	52036	AI841689	TC188100	null	Mm.29658
0	0	AI839140	TC173931	null	Mm.68808
45615	41659	AI840437	null	null	Mm.20847
0	0	AI840489	TC186416	type II keratin subunit protei	Mm.14245
0	0	AI839113	TC173815	null	Mm.4024
15338	12995	AI839150	null	null	Mm.29140
0	0	AI840449	TC187038	Sm-D autoantigen	Mm.603
0	0	AI840501	TC188417	null	Mm.13036
15433	14437	AI836647	TC162021	null	Mm.25445
313348	309436	AI836686	TC173614	null	Mm.21684
15294	14540	AI836402	TC159520	SOCS box-containing WD protein	Mm.28489
0	0	AI837041	TC164833	null	null
0	0	AI836656	TC188971	palmitoyl-protein thioesterase	Mm.34197
19501	17174	AI836357	null	null	Mm.40382
33042	48168	AI836415	TC175249	Dutt1 protein	Mm.20832
23019	21023	AI837049	TC161732	null	Mm.28925
0	0	AI838823	TC179131	null	Mm.39486
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0	0	AI838206	TC201921	null	Mm.5264
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4246	7430	AI838097	TC193035	null	null
0	0	AI838162	TC161411	null	Mm.28798
15285	13767	AI838213	TC201905	null	Mm.7196
21925	22152	AI838968	TC173560	Ah receptor-interacting protei	Mm.10433
13569	19047	AI838722	TC205220	XPAC protein	Mm.4049
34944	224904	AI838762	TC159657	beta-1-globin	Mm.2329
29877	33544	AI841640	TC173992	enolase	Mm.29994
84836	82636	AI838976	TC175621	null	Mm.57467
40363	36372	AI838732	TC200340	EAT/MCL-1	Mm.1639
86133	105628	AI838774	null	null	Mm.42565
0	0	AI841652	TC193109	null	null
79671	75719	AI837833	TC189972	zinc finger protein 95	Mm.26528
11937	14699	AI837877	TC189679	null	Mm.30737
0	0	AI838012	TC200886	null	null
349982	382857	AI837400	TC173579	E214K	Mm.1920
0	0	AI837848	TC204053	null	Mm.41605
33803	31263	AI837959	TC201738	M-CSF-induced cysteine proteas	Mm.43920

0	0	AI838024	TC202576	p40 seven-transmembrane-domain	Mm.20522
323023	246450	AI837417	TC160747	null	Mm.5293
15201	12169	AI838260	TC162900	U2 small nuclear ribonucleotei	Mm.14286
36422	51932	AI838304	TC200264	HMG-14 (AA 1-96)	Mm.2756
82756	83705	AI838563	null	null	Mm.40765
12203	12791	AI838603	TC202234	null	Mm.40623
0	0	AI838270	TC195140	null	null
39460	45097	AI838322	TC175399	beta chemokine Exodus-2	Mm.15780
38153	41806	AI838571	TC180555	null	Mm.39102
14689	25953	AI838622	TC161556	null	Mm.30658
27656	39753	AI841690	TC202180	ion channel homolog RIC	Mm.1870
13968	11696	AI839141	TC184980	null	Mm.40771
24030	55073	AI840441	TC175812	secretogranin III	Mm.2386
0	0	AI840492	TC189912	MHC class II alpha chain	Mm.116
89624	118879	AI839114	TC160413	unknown	Mm.9846
15817	9634	AI839151	TC196359	null	Mm.40772
145376	124376	AI840450	TC160651	null	Mm.27213
11508	8268	AI840510	null	null	null
0	0	AI839691	TC204377	D3Mm3e	Mm.45552
24137	20676	AI839811	TC200166	cAMP-dependent protein kinase	Mm.30039
0	0	AI839790	TC187611	null	Mm.29372
111988	134494	AI839601	TC160544	null	Mm.28017
1810993	1752945	AI840046	TC175290	null	Mm.41862
42143	33425	AI839826	TC160422	ALG-2	Mm.24254
36369	37055	AI839561	TC160977	vacuolar adenosine triphosphat	Mm.20476
10247	7920	AI839615	TC203243	potassium channel Kv4.2	Mm.5302
26013	35137	AI840843	TC173715	tetracycline transporter-like	Mm.3792
8124	4365	AI837100	TC174264	CD83 antigen	Mm.1633
5237	5106	AI837161	TC194621	null	null
27024	39537	AI837222	TC159051	ubiquitin fusion-degradation 1	Mm.1830
54337	74465	AI840862	TC187487	sid2895p	Mm.43760
12383	12610	AI837116	TC203150	null	Mm.23723
33708	14201	AI837185	null	null	null
133167	191158	AI837233	TC161128	null	Mm.29131
54454	64532	AI841062	TC176755	null	Mm.30800
0	0	AI840531	null	null	null
46907	46876	AI840584	TC160946	null	Mm.33439
0	0	AI840637	TC202816	null	Mm.41802
0	0	AI841002	null	null	null
40211	36696	AI840549	TC157209	TI-225	Mm.331
0	0	AI840594	TC175375	null	Mm.27139
16925	15845	AI840653	TC188269	null	Mm.26504
796034	635542	AI839977	TC186851	Ndr1 related protein Ndr2	Mm.26722
0	0	AI840240	TC162571	I47	Mm.4884
25767	21594	AI840291	TC178820	null	null
13870	39844	AI840024	TC160696	apolipoprotein D	Mm.2082
1761484	1469315	AI839993	TC161523	null	Mm.39288
162044	169793	AI840258	TC159684	synapsin Ib	Mm.20936
90511	93432	AI841943	null	null	null
38087	48784	AI840033	TC160281	null	Mm.22338
150853	168140	AI837312	TC201848	null	Mm.21163

349262	251185	AI837594	TC173250	ATP synthase b chain homolog	Mm.30112
66023	62494	AI837636	TC191141	null	Mm.41162
59063	77576	AI839204	TC210030	null	Mm.44124
30432	44839	AI837320	null	null	null
10675	7069	AI837601	TC204400	null	Mm.32602
152610	150992	AI837643	TC201165	null	Mm.27918
23206	22851	AI839221	TC175606	cyclin-dependent kinase 5	Mm.4818
32339	32666	AI840678	TC162507	null	Mm.10022
46913	45910	AI840713	TC175583	unnamed protein product	Mm.5324
33586	35026	AI834788	TC161040	null	Mm.34471
600439	649032	AI841166	null	null	Mm.40431
8699	6444	AI840686	TC189796	mGLT-1A	Mm.2861
102156	100439	AI840721	null	null	null
32288	42997	AI834826	TC173091	mtprd	Mm.3679
113075	119285	AI841179	TC164681	null	Mm.41235
10514	11895	AI839696	TC189309	binding protein	Mm.4234
68864	61177	AI839815	null	null	null
0	0	AI839791	null	null	null
10497	9849	AI839604	null	null	Mm.40090
0	0	AI839703	TC189357	null	Mm.32183
0	0	AI839827	TC189415	null	Mm.41928
40523	67123	AI839563	TC160223	regulated secretory protein-23	Mm.17403
0	0	AI839621	TC186843	14-3-3 protein gamma	Mm.29717
22814	25519	AI840849	null	null	Mm.39799
12306	17280	AI837102	TC200055	receptor-like tyrosine kinase;	Mm.5021
3792	6018	AI837166	TC203084	null	Mm.41942
8774	11332	AI837224	TC204923	null	Mm.35013
89011	102077	AI840863	null	null	Mm.39800
118269	210624	AI837119	null	null	Mm.7277
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30149	30474	AI837234	null	null	Mm.40391
0	0	AI841064	null	null	Mm.39349
38446	36824	AI840534	TC191113	null	Mm.29246
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0	0	AI840642	null	null	null
0	0	AI841003	TC175162	unnamed protein product	Mm.29337
19298	21932	AI840551	TC204234	null	Mm.41468
25438	30693	AI840597	TC164643	null	Mm.39785
17886	27227	AI840655	TC176435	null	Mm.29307
108076	115762	AI839979	TC180145	null	Mm.23370
1255001	1116299	AI840241	null	null	Mm.40097
1078303	884196	AI840292	TC160894	unnamed protein product	Mm.18818
123768	132919	AI840025	TC159707	SPARC (aa 1-302)	Mm.35439
199041	218900	AI839994	TC160766	null	Mm.27737
105844	154209	AI840259	TC173059	unnamed protein product	Mm.4271
576060	565108	AI841944	TC163067	protein kinase C zeta	Mm.28561
796892	687030	AI841978	TC158249	calpain small subunit	Mm.6534
119235	100449	AI837313	TC201454	null	Mm.24582
14494	17998	AI837595	null	null	Mm.9859
41592	69988	AI837637	TC161532	null	Mm.198
32632	35558	AI839208	TC173879	null	Mm.41260

3663	6785	AI837321	null	null	null
103941	106907	AI837602	null	null	Mm.40067
55212	67150	AI837644	TC175657	null	Mm.41881
26563	32772	AI839222	TC175737	null	Mm.41603
72015	75931	AI840680	TC191249	null	Mm.31671
96713	101646	AI840714	null	null	Mm.39344
0	0	AI834789	null	null	null
32478	34455	AI841173	TC200563	p116Rip	Mm.2402
10334	8244	AI840687	TC205462	null	Mm.3055
14267	15942	AI840722	null	null	null
8713	16510	AI834829	TC177103	unnamed protein product	null
63025	74088	AI841180	TC176389	null	Mm.23932
0	0	AI839700	TC202552	null	Mm.39546
20892	15098	AI839818	null	null	Mm.39340
22420	18058	AI839792	TC205208	null	Mm.39341
104418	76453	AI839605	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
13111	13179	AI839704	TC159542	myelin basic protein	Mm.2992
14964	9016	AI839833	null	null	Mm.29284
6359	7193	AI839566	TC202172	null	Mm.41206
8946	11834	AI839623	TC204778	null	Mm.25837
22578	28324	AI840852	null	null	null
33882	51967	AI837103	TC176673	null	Mm.40673
4820	5693	AI837167	null	null	null
0	0	AI837225	null	null	Mm.39775
71384	74402	AI840864	TC193540	null	Mm.40108
32550	36671	AI837122	null	null	null
105747	90467	AI837194	TC189381	null	Mm.2446
76236	76442	AI837235	TC160238	DnaJ-like protein	Mm.27897
442077	401573	AI841066	TC160238	DnaJ-like protein	Mm.27897
168708	183490	AI840537	TC200328	OB-cadherin-1	Mm.4525
98465	119624	AI840588	TC166255	glutamate receptor channel sub	Mm.39090
21362	19507	AI840646	null	null	Mm.43940
36873	45353	AI841009	null	null	null
100847	146212	AI840555	TC175805	GARP45	Mm.20450
36424	58562	AI840598	TC188615	null	Mm.21793
59803	60085	AI840656	TC194516	noggin gene	Mm.39094
126252	129329	AI839986	null	null	Mm.40267
234478	257824	AI840245	TC204440	null	Mm.38171
130728	178999	AI840295	TC174517	protein 4.1	Mm.30038
66267	78456	AI840028	TC202369	ganglioside-induced differenti	Mm.22080
28126	30956	AI839995	TC201481	null	Mm.29007
45047	48549	AI840260	TC203335	null	Mm.21171
116007	114451	AI841946	TC186580	null	Mm.5612
0	0	AI841979	TC182824	null	null
337719	345304	AI837314	TC186483	rab7	Mm.4268
16923	18870	AI837596	TC187726	ARP-1	Mm.16519
16373	23368	AI837638	TC201927	CAAT-box DNA binding protein s	Mm.4929
22964	25976	AI839209	TC164731	null	Mm.39328
0	0	AI837322	TC174587	null	Mm.22524
9137	13072	AI837604	null	null	Mm.57465
143958	147490	AI837645	null	null	Mm.40396

279838	213083	AI839225	TC160293	null	Mm.34832
8063	3722	AI840682	TC163112	myelin/oligodendrocyte glycopr	Mm.2596
23756	29322	AI840715	TC160146	MSS1	Mm.2462
53217	57829	AI834790	TC200256	thymic dendritic cell-derived	Mm.24847
60016	68961	AI841174	TC187046	kinesin light chain 1	Mm.20354
112245	120508	AI840688	TC160043	transketolase	Mm.9307
13098	21520	AI834813	TC158611	null	null
34260	36719	AI834833	TC175903	null	Mm.21286
110060	116353	AI841184	null	null	null
0	0	AI839701	null	null	null
83590	93223	AI839819	TC175285	hypothetical protein	Mm.30006
123919	132393	AI839794	null	null	null
0	0	AI839607	TC171903	null	null
0	0	AI839707	TC161098	null	Mm.41678
65907	71685	AI839834	TC173858	heat shock protein	Mm.30370
0	0	AI839567	TC187083	null	Mm.20949
288872	300202	AI839946	TC158355	null	Mm.30043
0	0	AI840857	null	null	null
31513	42554	AI837104	TC186481	Stat3B	Mm.3948
0	0	AI837170	TC164074	Ten-m2	Mm.40599
20029	24319	AI837226	TC187888	null	Mm.28486
366247	364450	AI840865	TC186932	Tapa-1 protein	Mm.806
50929	70692	AI837124	TC177208	null	Mm.10367
93775	149577	AI837206	TC159551	prothymosin alpha	Mm.19187
55954	52863	AI837238	TC189332	null	Mm.41664
39254	38395	AI840999	TC176565	null	Mm.46774
26179	47588	AI840541	TC174903	null	Mm.3460
4686	7927	AI840590	TC203459	transcription elongation facto	Mm.24245
0	0	AI840647	TC174100	oxysterol-binding protein	Mm.18502
64515	64321	AI841010	TC173807	APRT	Mm.1786
1538805	1394216	AI840556	null	null	Mm.40104
0	0	AI840599	TC192191	null	null
97685	99307	AI840657	TC200305	partial homology to cytochrome	Mm.30072
15492	17467	AI839987	null	null	null
14906	21003	AI840252	TC177190	null	Mm.41879
119020	152702	AI840296	null	null	null
48862	72690	AI840030	null	null	null
62743	54163	AI839996	TC157958	Rap2 interacting protein 8	Mm.2560
239007	180464	AI840261	TC202089	null	Mm.9893
254596	532932	AI841954	TC162081	null	Mm.38924
12796	12019	AI840035	TC188173	null	Mm.28024
10185	13930	AI837315	TC192799	null	null
185014	418553	AI837598	null	null	Mm.19121
0	0	AI837639	null	null	null
40765	63678	AI839212	TC174558	null	Mm.219
92177	98264	AI837324	TC176047	null	Mm.27924
60440	67899	AI837607	TC203717	null	Mm.40283
7117	6433	AI837646	TC189904	guanine nucleotide exchange fa	Mm.539
17170	24122	AI839226	TC159420	perinuclear binding protein	Mm.37214
105065	87117	AI840683	TC173784	LIS	Mm.64447
17868	9686	AI840716	null	null	Mm.18630

20784	20265	AI834794	TC212069	null	null
13679	13243	AI841176	null	null	null
139405	139450	AI840689	null	null	Mm.42351
75369	72735	AI834815	TC175422	null	Mm.22218
40027	44205	AI834834	TC191448	unnamed protein product	Mm.40658
48310	60297	AI841186	TC188720	null	Mm.20415
74349	54451	AI840044	TC202197	null	Mm.38272
73944	84355	AI839821	TC160991	ARF2	Mm.5061
51375	51081	AI839555	TC160385	null	Mm.29436
18505	22260	AI839611	TC161688	null	Mm.3154
15484	9232	AI839715	TC162238	null	Mm.41540
85183	83663	AI839761	TC186547	GTP-binding protein	Mm.21905
21818	22915	AI839569	TC200600	cullin 3	Mm.17837
26266	22180	AI839950	TC160492	skeletal muscle LIM protein	Mm.3126
169225	166314	AI840858	null	null	null
7086	18637	AI837106	TC157231	ENO2	Mm.3913
47309	43794	AI837175	TC203603	null	Mm.41220
5207	5471	AI837227	TC191484	protein kinase C gamma	Mm.7980
12923	15308	AI840866	TC187325	null	Mm.30585
38446	34673	AI837125	TC189544	null	Mm.24586
26066	38770	AI837210	TC189090	null	Mm.29059
37355	41446	AI837240	TC174317	null	Mm.29058
34550	37167	AI841000	TC160632	cullin 1	Mm.21771
248468	340840	AI840542	null	null	Mm.40103
34762	23429	AI840591	TC163327	semaphorin subclass 4 member G	Mm.34404
34226	41735	AI840648	TC158649	peripheral benzodiazepine rec	null
197443	230486	AI841014	TC200044	unknown	Mm.17446
13170	12391	AI840559	null	null	null
20083	20626	AI840601	TC160163	null	Mm.42956
1312992	2100827	AI840661	TC159640	eukaryotic translocation facto	Mm.16317
47320	53133	AI839988	TC173200	null	Mm.2140
12837	14822	AI840254	TC173541	null	Mm.353
36446	43139	AI841940	TC169505	null	Mm.39734
7389	14650	AI840031	TC199907	elongation factor 2	Mm.4968
44316	58341	AI839999	null	null	null
14367	15059	AI840263	TC173704	null	Mm.666
13503	21073	AI841956	TC164444	null	Mm.41490
9995	18066	AI841981	TC187846	null	Mm.33907
0	0	AI837318	TC161445	ATP-binding cassette protein	Mm.21629
182399	226436	AI837599	TC200857	null	Mm.30251
99462	87804	AI837640	null	null	null
54308	76520	AI839214	TC192753	null	null
29774	35852	AI837327	TC160970	null	Mm.21749
101668	144175	AI837611	TC174894	null	Mm.25808
88911	63924	AI837647	TC200735	aspartate aminotransferase	Mm.19039
9376	10127	AI839228	TC162917	ATP receptor	Mm.25722
0	0	AI840684	TC177030	null	Mm.26510
15730	18735	AI840717	TC162631	null	Mm.40107
75094	88775	AI834820	TC204841	null	Mm.40684
0	0	AI841177	TC160684	cdc37 homolog	Mm.4117
416968	457917	AI840690	null	null	Mm.40426

25613	38719	AI834761	TC178120	null	null
85151	132620	AI834839	TC176475	T-type calcium channel alpha-1	Mm.20881
13116	10547	AI841187	null	null	null
39288	32915	AI839702	TC161646	copper chaperone for superoxid	Mm.21414
39643	37467	AI839824	TC200275	null	Mm.29348
69426	72799	AI839557	TC160161	Rab10	Mm.21985
17725	17269	AI839613	TC159542	myelin basic protein	Mm.2992
454453	347043	AI840047	null	null	null
50946	46958	AI839762	null	null	Mm.42501
45530	49075	AI839571	TC168882	null	Mm.44511
51819	41637	AI839951	TC174153	maleylacetoacetate isomerase	Mm.29652
0	0	AI840859	null	null	Mm.3080
24060	19787	AI837107	TC189143	null	Mm.22438
16814	13033	AI837181	TC163547	null	Mm.40987
25384	25584	AI837229	TC201114	null	Mm.3215
79394	98361	AI837070	TC187318	mitotic checkpoint protein BUB	Mm.26858
0	0	AI837127	TC164635	null	Mm.41018
0	0	AI837246	TC178145	null	Mm.24942
38237	44344	AI837243	TC203548	null	Mm.39126
61573	57252	AI841001	TC187801	null	Mm.21114
27929	27160	AI840545	TC176255	null	Mm.23706
173057	217199	AI840593	TC186401	null	Mm.3381
19286	15498	AI840652	TC176183	null	Mm.29832
130936	106845	AI841019	TC186401	null	Mm.3381
220086	332494	AI840560	null	null	null
300260	428920	AI840604	TC173949	alpha-tubulin isotype M-alpha-	Mm.1155
80684	76873	AI840662	TC173778	null	Mm.22277
45724	54228	AI839990	null	null	Mm.40418
1953600	1756241	AI840257	TC205031	null	Mm.12968
111409	135333	AI841941	TC173091	mtprd	Mm.3679
746447	1102807	AI840032	TC159555	21 kd polypeptide	Mm.254
301515	234462	AI840001	TC186789	null	Mm.29153
86390	99888	AI840266	TC169534	null	Mm.39342
0	0	AI841957	TC175416	precursor polypeptide (AA -17	Mm.4915
44870	45553	AI840036	TC187637	null	Mm.23962
187813	187731	AI837319	TC203712	null	Mm.24309
75757	74777	AI837600	TC189461	null	Mm.2498
126603	123199	AI837642	TC200229	null	Mm.1147
10709	11870	AI839215	null	null	null
70157	74091	AI837329	TC161029	insulin-like growth factor bin	Mm.30156
19756	17508	AI837612	TC176395	null	Mm.27355
82598	187409	AI837648	TC175456	null	Mm.30532
0	0	AI839229	null	null	Mm.39144
659411	533081	AI840685	TC173302	P2B/LAMP-1	Mm.16716
62820	60208	AI840719	TC202129	kif1b major isoform	Mm.25569
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73420	79628	AI841178	TC173059	unnamed protein product	Mm.4271
258233	279004	AI840692	null	null	null
36963	45736	AI834762	TC182642	null	Mm.40367
34597	32053	AI834842	null	null	null
81484	146649	AI841188	TC187956	legumain	Mm.17185

0	0	AI845707	TC177398	null	Mm.39848
0	0	AI843376	TC160913	tyrosine protein kinase B (trk	Mm.3993
16098	15618	AI842501	null	null	Mm.39820
26072	31924	AI842539	TC161798	null	Mm.41308
2427	20454	AI843340	TC176798	null	null
10548	15148	AI843384	TC174083	null	Mm.6851
19868	24091	AI842511	null	null	null
23839	25608	AI842550	TC160969	null	Mm.29570
6135	9906	AI843537	TC176780	null	Mm.39727
31438	34169	AI843605	TC188672	null	Mm.6844
0	0	AI843285	TC173156	DBY protein	Mm.20950
13797	15241	AI845392	TC200303	serine palmitoyltransferase LC	Mm.6505
135593	150419	AI843545	TC159412	heterogenous nuclear ribonucle	Mm.16767
129628	85080	AI843249	TC186864	null	Mm.28976
0	0	AI843292	TC196300	null	Mm.48701
9970	11195	AI845410	TC186930	null	Mm.29076
20307	24688	AI843063	TC164183	null	Mm.22339
102976	69502	AI843695	TC176081	null	Mm.17823
164322	121549	AI843741	TC186936	tetraspanin TM4-A homolog	Mm.28484
5271	29979	AI843113	null	null	null
66814	31027	AI843665	TC189093	null	Mm.24426
47637	55400	AI843709	TC202541	null	Mm.25142
21494	31193	AI843072	TC158836	null	Mm.35787
73076	34720	AI843123	null	null	Mm.32679
28000	26853	AI845723	TC173534	null	Mm.28039
44661	82939	AI845774	TC174451	L6 antigen	Mm.856
279039	281966	AI843449	TC201793	null	Mm.464
17342	12137	AI842592	null	null	null
21896	34087	AI845732	TC188457	null	Mm.6797
153591	184568	AI845790	TC174947	null	Mm.28944
58820	60444	AI843460	TC162077	null	Mm.40600
58519	57493	AI842605	TC200423	null	Mm.28508
1555070	1123343	AI845452	TC175472	pro-alpha2(XI) collagen	Mm.20230
31566	32583	AI845501	TC161940	s17	Mm.24250
99736	119917	AI845547	TC200865	precursor protein	Mm.22194
45540	42964	AI846754	null	null	Mm.39198
147372	176874	AI845461	TC161863	null	Mm.25613
18326	24913	AI845508	TC187102	tumor necrosis factor alpha co	Mm.27681
35994	31316	AI845559	TC188009	null	Mm.7122
124504	126897	AI846767	null	null	Mm.40845
79679	66998	AI843155	TC174521	null	Mm.28927
8696	12885	AI843196	TC177197	AT1 receptor-associated protei	Mm.46247
31387	33243	AI843237	TC161018	null	Mm.33969
368216	361630	AI843868	TC201760	null	Mm.12746
8920	5239	AI843166	null	null	null
107678	106676	AI843205	null	null	null
12085	10567	AI843842	TC190767	null	Mm.18455
0	0	AI843878	TC212281	null	Mm.39746
80213	87656	AI843326	TC160494	unknown	Mm.3484
177941	174924	AI843378	TC186801	cytoplasmic dynein intermediat	Mm.6441
0	0	AI842503	TC189031	null	Mm.33480

11987	25943	AI842540	TC186940	tomoregulin-1	Mm.41772
0	0	AI843341	TC203206	null	Mm.39299
7882	8738	AI843386	TC190931	null	Mm.33063
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8453	7405	AI842552	TC203512	null	Mm.28902
18239	20729	AI843538	TC206047	null	Mm.51559
38266	34940	AI843608	TC188972	null	Mm.65050
69435	66492	AI843286	null	null	Mm.40136
27238	28108	AI845395	TC202748	null	Mm.23265
48388	50049	AI843581	TC205257	null	null
162695	98613	AI843250	TC162151	'alpha-2,3-sialyltransferase'	Mm.2793
27792	28428	AI843294	TC160937	null	Mm.27954
0	0	AI845411	TC201464	null	Mm.39844
0	0	AI843657	TC191481	null	null
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32145	30111	AI843742	TC174493	null	Mm.41513
12735	17274	AI843114	TC160567	null	Mm.21919
23922	23824	AI843666	TC160793	65-kDa macrophage protein	Mm.22510
10792	13704	AI843710	TC186947	null	Mm.22653
50597	50089	AI843073	TC200644	null	Mm.38391
27138	36451	AI843125	null	null	Mm.999
281071	297209	AI845725	null	null	Mm.23068
125609	84484	AI845780	null	null	null
22492	23201	AI843450	TC169440	null	Mm.39178
0	0	AI842595	TC187104	null	Mm.45424
129043	184568	AI845735	TC186776	null	Mm.18579
20209	18146	AI845791	TC164104	null	Mm.9845
29210	38873	AI843462	TC201916	null	Mm.24054
0	0	AI842606	TC189994	null	Mm.29654
23777	25898	AI845454	TC177529	null	Mm.44206
171307	232695	AI845502	TC186862	centrosomin B	Mm.2238
10749	13800	AI845548	TC200745	putative T1/ST2 receptor bindi	Mm.1044
28099	31672	AI846760	TC164548	null	Mm.40844
55027	87644	AI845462	TC161132	null	Mm.12775
67982	68814	AI845510	TC210714	null	Mm.39731
82955	86789	AI846726	null	null	null
25931	30993	AI846770	TC201815	null	Mm.29932
29422	33440	AI843157	TC162305	null	Mm.29952
138165	158497	AI843198	TC201021	null	Mm.28521
49735	55922	AI843238	TC159682	tight junction protein ZO-2	Mm.5293
38163	46106	AI843869	TC175941	null	Mm.27140
22339	22334	AI843167	TC161923	null	Mm.40135
27888	35728	AI843206	TC202104	null	Mm.23006
15661	15208	AI843843	TC206731	null	Mm.39367
1117	2173	AI843879	TC165134	null	Mm.64975
99623	127320	AI843327	TC187317	transmembrane protein TM9SF3	Mm.2986
53639	66092	AI843380	null	null	Mm.7883
75417	54362	AI842506	TC200017	thyroid hormone binding protei	Mm.16660
33853	46318	AI842543	null	null	Mm.29452
12914	13500	AI843342	TC200113	null	Mm.21690
29744	36454	AI843389	TC201343	null	Mm.33424

0	0	AI842513	TC169519	null	Mm.39359
2512	4223	AI842554	TC188463	null	null
24302	30633	AI843541	TC160553	transforming growth factor-be	Mm.18213
184276	178329	AI843240	TC201884	null	Mm.24163
155500	213667	AI843287	TC173767	null	Mm.30069
0	0	AI845397	TC210011	null	Mm.39378
52884	51488	AI843583	TC167856	null	null
118754	108517	AI843251	TC200571	rin	Mm.5163
206855	213650	AI843295	TC200556	null	Mm.28892
30942	31427	AI845416	TC159133	null	Mm.29923
43279	33652	AI843659	TC189815	MD-1	Mm.2639
33917	59523	AI843699	TC175344	islet cell autoantigen p69	Mm.3545
0	0	AI843744	TC166879	null	null
14158	10301	AI843115	TC189539	null	Mm.28220
46455	51381	AI843667	null	null	Mm.39180
28375	35559	AI843711	TC199929	mismatch-specific thymine-DNA	Mm.22103
23094	19816	AI843074	TC200789	null	Mm.27087
10385	10070	AI843126	TC165275	null	Mm.40449
32992	29063	AI845726	TC204456	null	Mm.41120
46152	29859	AI845783	TC160564	null	Mm.40014
95360	147463	AI843451	TC159640	eukaryotic translocation facto	Mm.16317
25037	25191	AI842596	TC211112	null	null
40254	46096	AI845736	null	null	Mm.39484
40080	83601	AI845798	TC175255	null	Mm.22526
13121	11188	AI843464	TC202570	protein kinase C beta-II (AA 1	Mm.4182
38440	50020	AI842607	TC186527	null	Mm.41736
24050	32231	AI845456	TC200144	alpha-actinin	Mm.29991
36314	42553	AI845504	TC161723	N-acetylgalactosamine-6-sulfat	Mm.34702
55530	92369	AI845551	TC187772	null	Mm.37700
10895	11844	AI846761	TC204366	null	Mm.39199
36397	46432	AI845463	TC174416	null	Mm.27487
39606	42373	AI845511	null	null	null
10488	10932	AI846727	TC163308	null	Mm.4182
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48430	46649	AI843158	TC157339	null	Mm.26720
51154	52881	AI843199	TC189523	null	Mm.28334
16225	17173	AI843239	TC200565	null	Mm.30503
22411	26952	AI843870	TC176524	null	Mm.41387
24815	26149	AI843168	TC188416	null	Mm.22941
9633	12944	AI843207	TC188481	null	null
237217	192390	AI843845	TC174273	null	Mm.25320
24631	36168	AI843880	TC187664	null	Mm.25126
230924	318478	AI843328	TC160966	null	Mm.28223
58267	94102	AI843381	TC187831	serine/threonine protein kinas	Mm.6645
67709	86720	AI842507	null	null	Mm.39568
16051	17538	AI842544	TC201723	null	Mm.22337
7261	8006	AI843343	TC175509	null	Mm.41133
21700	16836	AI843391	TC190771	GDNF family receptor alpha 2	Mm.41886
47924	51219	AI842515	TC187167	null	Mm.43152
11581	16828	AI842555	TC179210	null	Mm.23294
26216	35673	AI843542	TC191010	null	null

10069	14915	AI843245	TC189742	null	Mm.32810
64690	55402	AI843288	null	null	Mm.5293
36287	38596	AI845398	TC205335	null	null
7359	11513	AI843585	null	null	Mm.39573
130732	136806	AI843252	TC160613	C1 inhibitor	Mm.38888
0	0	AI843296	TC203829	null	Mm.2173
11613	12041	AI845421	TC196330	null	Mm.40826
16683	29845	AI843660	TC188780	null	Mm.34614
10940	12913	AI843702	null	null	null
4809	8051	AI843066	TC189788	null	Mm.21557
56384	100353	AI843116	TC200416	null	Mm.22675
0	0	AI843669	TC166825	null	Mm.39577
65350	70601	AI843715	null	null	Mm.40815
14472	11574	AI843077	TC177264	null	Mm.40780
64025	53186	AI843127	TC187324	huntingtin interacting protein	Mm.19751
0	0	AI845728	TC164784	null	null
6632	9664	AI845784	TC205840	neuralized-like protein	null
19586	23762	AI843456	TC209985	null	Mm.40813
172360	288577	AI842597	TC200430	MITF-2B protein	Mm.4269
74575	122613	AI845739	TC177866	null	Mm.25659
25453	30014	AI845802	null	null	Mm.39491
52928	63042	AI843475	TC176421	Cbfa1/Osf2 transcription facto	Mm.4509
27909	32494	AI842608	TC185161	null	null
16180	16497	AI845458	TC190392	macrophage mannose receptor pr	Mm.2019
125219	176620	AI845505	TC199917	beta-tubulin	Mm.22774
137583	221898	AI845552	null	null	Mm.16317
39905	42449	AI846764	TC157762	biglycan	Mm.2608
444584	443466	AI845464	TC181459	null	Mm.54510
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0	0	AI846729	TC202072	null	Mm.34345
0	0	AI846774	null	null	Mm.46030
27786	41301	AI843159	TC161776	null	Mm.40292
43844	57504	AI843200	TC161718	cytochrome B561	Mm.40669
42621	42209	AI843837	TC176323	null	Mm.31220
13719	14028	AI843874	TC161508	null	Mm.24225
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37533	34504	AI843209	TC160345	null	Mm.25321
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65681	63416	AI843882	TC203286	null	null
18081	27043	AI843331	null	null	Mm.39177
42072	38977	AI843382	TC159967	null	Mm.24593
59644	79571	AI842509	TC163936	null	Mm.34973
117476	103225	AI842546	TC158969	Nbr1	Mm.784
36913	38073	AI843344	TC167861	null	Mm.40811
23618	27301	AI843392	TC189102	null	Mm.41004
12699	18837	AI842516	TC178043	null	Mm.40125
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39312	60940	AI843247	TC165336	D4 dopamine receptor	Mm.41075
6429	6970	AI843289	TC206349	null	null
37330	49285	AI845400	TC175440	null	Mm.36692

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66314	70774	AI843662	TC160166	null	Mm.24837
36819	37363	AI843705	TC175636	null	Mm.34266
14224	17328	AI843069	TC160036	embigin precursor	Mm.34837
30095	19761	AI843117	TC189727	tulip 1	Mm.35575
17311	18244	AI843670	TC190293	null	Mm.27042
34651	32988	AI843717	TC202751	es 64	Mm.27983
182211	203268	AI843080	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
12391	15249	AI843128	TC204469	null	Mm.39722
1282824	769053	AI845729	TC186716	3SG protein	Mm.41470
386045	293351	AI845787	TC160218	null	Mm.3308
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931396	895688	AI845740	TC161625	null	Mm.41589
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56192	72239	AI845557	TC201611	ADP-ribosylation factor-like p	Mm.12723
72620	102709	AI846765	TC190830	null	Mm.41372
162095	145287	AI845471	null	null	Mm.40471
91805	84824	AI845516	TC160190	mouse transcription factor kA1	Mm.3406
153799	101822	AI846730	TC188553	null	Mm.44223
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43382	39000	AI843160	TC182583	null	Mm.40722
18366	14900	AI843201	null	null	null
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122051	124732	AI843172	TC175545	inositol polyphosphate 5-phosp	Mm.25777
22581	24944	AI843210	TC186897	null	Mm.28981
128028	93298	AI843847	null	null	null
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72557	58164	AI842547	TC175436	null	Mm.27115
6267	4993	AI843346	TC206570	null	Mm.32666
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48610	32818	AI842518	TC164940	null	Mm.31331
0	0	AI842559	TC206318	null	Mm.10622
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32496	27937	AI843258	TC186638	null	Mm.2875
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0	0	AI843671	null	null	Mm.40142
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115557	124026	AI843131	TC201277	null	Mm.22428
68459	82319	AI845730	TC193179	null	Mm.41112
49539	67846	AI845788	TC176453	null	Mm.35467
104934	142531	AI843459	TC175911	Fas-apoptosis inhibitory molec	Mm.61679
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517710	880901	AI845741	TC159707	SPARC (aa 1-302)	Mm.35439
64826	85660	AI843413	TC189242	null	Mm.27876
715480	538168	AI843467	null	null	null
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397117	678893	AI845460	TC163989	null	Mm.33884
43671	35260	AI845507	TC187736	m-Numb	Mm.4390
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297339	286456	AI846777	null	null	null
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53110	56412	AI843840	TC160860	null	Mm.35492
23711	42895	AI843877	TC200869	NADH-ubiquinone oxidoreductase	Mm.39182
321430	240944	AI843174	TC173114	ARL-6 interacting protein-1	Mm.29924
52649	62332	AI843214	TC202584	null	Mm.36683
63481	61675	AI843848	TC162429	phosphoinositide-dependent pro	Mm.10504
14034	13433	AI843884	TC162206	null	Mm.28032
40356	52420	AI846289	TC186658	null	Mm.41527
7383	9926	AI846340	TC176086	ctk	Mm.2918
14468	15214	AI842831	TC163382	null	null
313171	349498	AI842878	TC200113	null	Mm.23985
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58356	55612	AI846351	TC186880	null	Mm.26597
20809	24791	AI842846	TC190430	null	Mm.37695
13320	16492	AI842894	TC179263	null	Mm.26636
10006	10161	AI846687	TC189622	null	Mm.34235
9802	7870	AI846080	TC175782	beta-1,4-galactosyltransferase	Mm.44205
27772	25487	AI846145	null	null	null
79783	128029	AI846826	TC173827	null	Mm.22399
0	0	AI846695	TC186871	KH domain RNA binding protein	Mm.29313
22939	25158	AI842140	TC159768	null	Mm.30851
22505	48643	AI842165	TC157208	ubiquitin/60S ribosomal fusion	Mm.667
0	0	AI846838	TC176929	null	Mm.35325
3361	6571	AI847576	null	null	Mm.39862
7536	11685	AI834969	TC177786	null	Mm.40735

0	0	AI835003	TC158300	mitochondrial aspartate aminot	Mm.18916
48036	34888	AI842431	TC207564	null	null
16967	17403	AI834946	TC160359	null	Mm.35753
33843	31512	AI834976	TC174790	null	Mm.28885
9353	11494	AI835009	TC191457	null	Mm.63733
0	0	AI842439	TC187926	tRNA-guanine transglycosylase	Mm.24178
0	0	AI838991	TC173987	PMP68	Mm.1519
112534	133469	AI839030	TC173906	npdcf-1	Mm.1131
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119554	145051	AI839395	TC174733	null	Mm.30008
218201	293963	AI839002	null	null	Mm.43778
143160	135960	AI839038	TC203010	null	Mm.27540
27613	24763	AI839524	TC159783	null	Mm.2795
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60110	48684	AI846872	TC163232	null	Mm.41370
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17303	17699	AI847946	TC174357	focal adhesion kinase	Mm.29674
23976	57850	AI847205	TC176785	null	Mm.31416
37925	43911	AI846882	TC173781	von Hippel-Lindau binding prot	Mm.8294
23199	28249	AI847926	TC159139	null	Mm.25279
117629	160438	AI847956	TC188522	null	Mm.44201
27486	22734	AI847213	TC176185	null	Mm.26148
57240	43129	AI842469	null	null	null
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64324	69595	AI842292	TC164218	null	Mm.68809
58328	31102	AI846169	TC206899	null	Mm.31667
180893	197001	AI842479	TC173523	null	Mm.144
13630	16587	AI842331	TC186798	the third largest RNA polymera	Mm.2186
36949	41238	AI842300	TC186787	null	Mm.25634
138750	188526	AI846184	TC173485	null	Mm.29377
69537	63006	AI846292	TC162495	RING finger protein AO7	Mm.27798
10895	7911	AI846341	TC187146	null	Mm.34721
22330	15034	AI842838	TC169431	null	Mm.40131
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33996	50745	AI846304	TC177303	null	Mm.6053
59447	69785	AI846352	TC202161	null	Mm.34238
0	0	AI842847	TC189164	reading frame IF (1 is 2nd bas	Mm.8245
5548	5540	AI842897	null	null	Mm.37811
80826	77876	AI846689	TC186917	Edp1 protein	Mm.29021
0	0	AI842136	TC186632	null	Mm.41544
41003	34008	AI842159	TC173383	null	Mm.42275
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15942	15089	AI846130	TC191175	null	Mm.38176
9680	11951	AI846146	TC176433	Wrn protein	Mm.15446
41791	52170	AI846841	TC200758	null	Mm.30260
37629	36956	AI847577	TC158590	null	Mm.34708
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26571	39703	AI835004	TC202518	co-chaperone mt-GrpE#2 precurs	Mm.12959
36342	58135	AI842432	TC161501	null	Mm.22403
106359	88866	AI834947	TC160402	cathepsin Z	Mm.115

23061	21936	AI834978	TC190253	null	Mm.33840
25091	30349	AI835010	TC200907	null	Mm.7066
25218	28856	AI842441	null	null	null
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334149	329390	AI839490	TC188912	null	Mm.38495
98724	84417	AI839526	TC187703	DXImx46e protein	null
5688	6839	AI839420	TC175792	null	Mm.43499
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23643	38233	AI847207	TC200715	nucleolar protein	Mm.3716
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26525	25235	AI847214	TC188916	null	Mm.41349
37411	64174	AI842471	TC205971	secretogranin II	Mm.5038
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11664	14887	AI842481	TC190914	null	null
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4955	7670	AI842301	TC191947	null	Mm.40120
28786	34041	AI846188	TC193507	null	Mm.39708
54520	58950	AI846293	TC182757	null	Mm.63736
23405	27573	AI846342	TC177677	null	Mm.33039
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8642	12631	AI842885	TC186914	null	Mm.25994
32218	34110	AI846305	TC186946	Ste20-like kinase	Mm.28761
95342	86250	AI846354	null	null	Mm.28514
8519	8696	AI842850	TC206136	null	Mm.42119
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94685	124604	AI846123	TC200111	null	Mm.27453
85663	98841	AI842160	TC157903	T10	Mm.27502
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57885	52139	AI846697	TC209990	null	Mm.40843
41329	47251	AI846131	TC163671	null	Mm.26543
30273	40459	AI846147	TC161032	beta-1,4-galactosyltransferase	Mm.6628
48433	63722	AI846844	TC200850	null	Mm.27496
59195	62717	AI834941	TC171740	null	Mm.39754
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47374	69514	AI834948	TC174166	null	Mm.2137
134305	133701	AI834979	TC189392	null	Mm.3584
28450	33002	AI835012	TC190181	null	Mm.41425
186390	97895	AI842442	null	null	Mm.39168

31264	38524	AI838993	null	null	null
176926	212983	AI834856	null	null	null
266761	255818	AI839520	TC160594	guanylate kinase	Mm.3624
86415	87391	AI839403	TC195326	integral inner nuclear membran	Mm.40774
749801	1055292	AI834847	TC187194	null	Mm.17917
35939	38527	AI839491	TC194110	null	Mm.41510
42153	55329	AI839527	TC179731	null	Mm.41831
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50259	46354	AI846874	TC174652	null	Mm.24601
51521	68439	AI847914	TC161097	BTEB3 protein	Mm.41170
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0	0	AI847208	null	null	null
74892	83907	AI846884	TC173792	small zinc finger-like protein	Mm.30718
6397	11026	AI847928	null	null	null
5283	4279	AI847958	TC174158	null	Mm.33080
158809	101599	AI847216	TC157603	cytochrome c oxidase	Mm.43415
223161	279107	AI842473	TC207950	null	Mm.68854
22539	33868	AI842324	TC162709	null	Mm.29442
164504	239082	AI842295	TC200176	unnamed protein product	Mm.29341
50382	44382	AI846171	null	null	Mm.40480
11865	9406	AI842482	TC200116	null	Mm.40321
12338	10861	AI842333	TC166344	null	null
25644	29453	AI842302	TC158180	null	Mm.4139
14326	12346	AI846190	TC159952	vacuolar adenosine triphosphat	Mm.29771
50831	53823	AI846297	TC161949	null	Mm.31062
25460	25657	AI846344	TC164592	null	Mm.41381
21240	26637	AI842841	TC189014	null	Mm.34047
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31030	41222	AI846307	TC192216	null	Mm.58619
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93961	120626	AI842162	TC200043	extra large alpha stimulating	Mm.17446
90410	90960	AI846834	TC160963	null	Mm.41636
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7042	7287	AI846133	TC169463	null	Mm.39601
12730	21882	AI846148	TC190093	null	Mm.34766
0	0	AI846847	TC186993	null	Mm.41743
5254	4908	AI834942	TC165268	GABA-A receptor epsilon subuni	Mm.40371
9812	6991	AI834973	TC169315	null	Mm.39106
8256	11827	AI835006	TC203280	null	Mm.32998
31710	30622	AI842434	TC188448	protein phosphatase X	Mm.28082
30775	24473	AI834950	TC200711	null	Mm.35822
39776	40587	AI834980	TC190836	null	Mm.41161
3238	4448	AI835013	TC169572	null	Mm.40372
20202	24161	AI842443	TC187086	hemin-sensitive initiation fac	Mm.20949
767427	608154	AI838998	TC174214	testis-specific protein kinase	Mm.10154
263013	1652225	AI839031	null	null	null
435881	496805	AI839521	null	null	Mm.40414

32264	43690	AI839411	null	null	Mm.39148
109164	137250	AI839004	TC159144	null	Mm.26171
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84894	89303	AI846877	TC160234	null	Mm.20216
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31548	40889	AI847951	TC173399	unnamed protein product	Mm.831
22418	19623	AI847209	TC205432	null	null
16086	16449	AI846885	TC187403	null	Mm.28303
38786	40039	AI847929	TC192085	null	Mm.44099
571884	499957	AI847962	TC157768	cell surface glycoprotein A15	Mm.18590
73280	75366	AI847218	TC202795	null	Mm.31402
4751	8768	AI842474	TC178539	cAMP/cGMP phosphodiesterase	Mm.40124
43902	50023	AI842325	TC186900	HS1-associating protein	Mm.7401
42561	44981	AI842296	TC202575	null	Mm.29597
247367	175747	AI846176	TC158218	MHC H2-TL-T17-c	Mm.33263
98970	101348	AI842483	TC179282	null	null
28237	31779	AI842334	TC187268	null	Mm.31076
0	0	AI842303	TC174837	T-cadherin	Mm.24700
15607	21642	AI846191	TC162314	protein kinase	Mm.9287
50693	46399	AI846298	null	null	Mm.40836
129894	115275	AI846347	TC159968	null	Mm.24593
44919	51465	AI842842	TC161092	null	Mm.33951
121149	108907	AI842889	TC173886	null	Mm.3479
44552	44259	AI846312	null	null	Mm.186
23596	28213	AI846359	TC161058	cAMP-responsive element modula	Mm.5244
33304	47638	AI842855	TC202700	null	Mm.39290
58336	31685	AI842900	TC175318	null	Mm.41279
81738	98704	AI846693	TC158383	null	Mm.28000
63409	72194	AI846126	TC188870	null	Mm.22258
5622	7059	AI842163	null	null	Mm.4440
73269	70212	AI846835	TC187139	protein carboxyl methyltransfe	Mm.25293
401940	272115	AI846704	TC200361	glutathione-S-transferase homo	Mm.282
76293	75129	AI842141	TC200196	ERG-associated protein ESET	Mm.30196
136198	161486	AI842166	null	null	Mm.42356
10820	12006	AI846848	TC161613	null	Mm.28904
13961	20497	AI834944	TC203541	null	Mm.39987
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27502	22293	AI835007	TC200601	null	Mm.24201
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10635	22098	AI834981	TC206522	null	Mm.39479
7951	6544	AI835015	TC190762	null	Mm.41022
17930	10162	AI842444	TC160675	tyrosylprotein sulfotransferas	Mm.14239
87132	98663	AI838999	null	null	null
52049	45934	AI834857	null	null	Mm.2632
12621	17347	AI839522	TC202516	null	Mm.4022
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58877	62968	AI834848	null	null	Mm.39305
15752	14882	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261

433159	357087	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
213614	240343	AI839437	TC202458	Dgcr6 protein	Mm.27155
61679	66474	AI846878	TC189519	null	Mm.27325
30365	36729	AI847917	TC165132	null	Mm.29663
138714	155548	AI847952	TC205619	null	Mm.31421
31683	31583	AI847211	TC173077	PW29	Mm.164
57988	100354	AI846886	TC196318	null	Mm.40847
61511	101156	AI847921	TC160192	glycerophosphate dehydrogenase	Mm.10669
44649	50276	AI847963	TC192257	null	Mm.40506
22492	23577	AI847223	TC176169	semaphorin Y	Mm.23662
15543	30300	AI842476	TC192805	patched	null
31723	39998	AI842326	TC201952	null	Mm.22478
13959	15760	AI842297	TC186568	ras-related C3 botulinium tox	Mm.889
13345	18687	AI846181	TC162280	null	Mm.41340
250429	188582	AI842485	TC210069	null	Mm.42652
553902	450585	AI842339	TC190653	null	Mm.17993
21285	23030	AI842304	TC196376	null	Mm.44835
92855	90453	AI846198	TC188341	null	Mm.28232
43954	44059	AI846300	TC202802	cell cycle checkpoint protein	Mm.20947
86913	111141	AI846348	TC173751	hypoxia induced gene 1	Mm.17504
19557	41315	AI842845	TC192388	lysosomal trafficking regulato	null
12597	20092	AI842893	null	null	Mm.41996
63348	62829	AI846313	TC160748	null	Mm.4511
467555	282878	AI846363	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
5101	8637	AI842856	null	null	Mm.39361
59171	55771	AI842901	null	null	null
6190	4737	AI846694	TC189194	null	Mm.41941
72728	61103	AI842137	TC160505	null	Mm.30153
93794	118927	AI842164	TC186785	SIG41	Mm.2984
0	0	AI846837	TC178398	null	Mm.41839
233221	149141	AI846706	TC177211	null	Mm.44173
7229	6006	AI842144	TC202243	receptor for viral-encoded sem	Mm.39814
16257	15904	AI842167	null	null	Mm.40438
0	0	AI846850	null	null	null
15054	13661	AI834945	TC186452	unknown	Mm.1089
21787	21613	AI834975	TC204020	null	Mm.41633
23688	27943	AI835008	TC164651	Kruppel-related protein	Mm.40326
57748	58112	AI842437	TC175768	null	Mm.30504
80971	93450	AI834955	TC161424	TLSF-alpha precursor	Mm.465
77592	69994	AI834982	TC161156	null	Mm.26194
60339	58556	AI835016	TC177318	null	Mm.4052
26333	28286	AI842445	TC169507	null	Mm.39818
541741	478760	AI839000	null	null	Mm.43309
62218	75692	AI839034	TC161024	null	Mm.35828
14283	12747	AI839523	TC187651	ena-VASP like protein	Mm.2144
56399	65975	AI839415	TC191357	metabotropic glutamate recepto	Mm.41316
0	0	AI839005	TC202195	null	Mm.2097
359283	329567	AI839496	TC200198	null	Mm.24365
77708	95330	AI839531	TC158498	null	Mm.30928
78973	93347	AI839440	TC204380	null	Mm.39339
33627	36155	AI846881	TC162277	null	Mm.28289

30130	30155	AI847919	TC174889	null	Mm.29609
17574	20997	AI847953	TC161392	null	Mm.18728
23272	20132	AI847212	TC177173	null	Mm.30543
55730	69084	AI847897	TC162346	testis-specific gene	Mm.5030
762123	629903	AI847923	TC160643	G protein signaling regulator	Mm.28262
24790	29077	AI847965	TC161795	null	Mm.31537
77144	83083	AI847224	TC186674	MHR23B	Mm.26955
13280	16255	AI842478	TC203361	null	Mm.33092
68615	71985	AI842327	TC189511	null	Mm.28344
75696	71398	AI842299	TC201631	null	Mm.41335
32265	28754	AI846182	TC161731	huntingtin interacting protein	Mm.33797
31065	40155	AI842486	TC176946	null	Mm.41424
10972	13816	AI842341	TC208922	null	null
61156	59694	AI842348	TC162541	null	Mm.2917
41001	39489	AI846200	TC161065	null	Mm.27188
0	0	AI847670	TC162622	null	Mm.40655
8327	4308	AI847702	TC188386	apoptosis activator Mtd	Mm.3295
81914	134397	AI847067	TC158161	Nedd-4	Mm.16553
0	0	AI847104	TC161125	null	Mm.22856
15221	23270	AI847678	TC174063	null	Mm.29379
13291	10503	AI847713	TC203455	null	Mm.37488
0	0	AI847074	null	null	Mm.40494
36665	29035	AI847113	null	null	null
11289	13941	AI849530	TC176051	WD40 repeat protein	Mm.15694
0	0	AI848250	TC174724	null	Mm.28787
41497	42596	AI848277	null	null	Mm.4071
42356	52624	AI848305	TC160421	null	Mm.28077
0	0	AI848227	TC186452	unknown	Mm.1089
0	0	AI848257	TC187499	equilibrative nitrobenzylthioi	Mm.29744
4893	7992	AI848283	TC176318	null	Mm.25699
23532	33767	AI848667	TC163339	null	Mm.32047
21320	23420	AI849301	TC186442	ubiquitin conjugating enzyme	Mm.1570
37971	44334	AI849335	TC201219	neighbor of Punc e11 protein	Mm.40995
0	0	AI849371	TC174889	null	Mm.40460
66247	38968	AI848838	TC160662	null	Mm.33729
60970	37505	AI849311	TC175111	cleavage and polyadenylation s	Mm.28790
10551	11349	AI849344	TC201487	null	Mm.5293
228693	192782	AI848815	TC202306	aldo-keto reductase AKR1C13	Mm.27447
8266	15459	AI848850	TC162152	MyD118	Mm.1360
39230	45045	AI848329	TC163420	null	Mm.24120
42510	40814	AI848365	null	null	Mm.39869
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6995	6776	AI848015	TC186698	null	Mm.41729
41671	26659	AI848335	TC175411	null	Mm.24261
48579	54193	AI848372	TC162734	null	Mm.28065
202348	193819	AI847983	TC190396	plasminogen activator inhibito	Mm.5019
0	0	AI848028	TC177562	null	Mm.63817
56921	49546	AI848616	TC179660	null	null
14577	16370	AI848690	TC178328	voltage-sensitive calcium chan	Mm.41842
9769	12821	AI849045	TC210672	null	Mm.39621
51368	69251	AI849083	TC161483	null	Mm.28926

42979	56126	AI848628	TC201664	null	Mm.27128
106433	110766	AI848692	TC200578	alcohol dehydrogenase-B2	Mm.3874
12093	9403	AI849056	TC160176	null	Mm.253
36702	37996	AI849093	TC167694	null	Mm.40645
79412	87410	AI848881	null	null	Mm.37811
31135	32643	AI849414	TC190141	null	Mm.45976
89891	151494	AI849453	TC161157	null	Mm.27526
162886	258429	AI848978	TC161010	unnamed protein product	Mm.68455
28516	33767	AI848894	null	null	null
16334	14286	AI849425	TC190691	null	Mm.32758
62507	34194	AI848955	TC161698	null	Mm.41274
30650	36513	AI848986	TC188081	null	Mm.30221
34202	37811	AI847671	TC173614	null	Mm.38341
20219	14849	AI847705	TC175701	null	null
201147	175341	AI847068	null	null	Mm.5293
100129	70308	AI847105	null	null	null
21608	17702	AI847679	null	null	null
23293	20196	AI847716	TC204178	homologue to a human gene expr	Mm.4657
0	0	AI847076	TC175210	null	Mm.23299
41539	31579	AI847114	TC201724	null	Mm.21439
10984	12657	AI849531	TC205535	null	Mm.40312
34310	22710	AI848251	null	null	Mm.40864
20148	18601	AI848278	TC158412	Cdc25a	Mm.29800
0	0	AI848307	TC202104	null	Mm.41481
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72794	65372	AI848284	TC175888	seven transmembrane domain orp	Mm.22067
0	0	AI848669	TC205425	null	Mm.40637
0	0	AI849303	TC176571	null	Mm.25116
0	0	AI849337	TC199204	null	Mm.44627
9380	12777	AI849372	TC187074	null	Mm.32126
0	0	AI848843	TC190202	null	null
4192	10567	AI849312	null	null	Mm.20903
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52821	83078	AI848816	TC160912	Gas1 protein	Mm.22701
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162830	106091	AI848366	TC205159	null	Mm.40177
292454	309071	AI848351	TC160763	beta-D-galactosidase fusion pr	Mm.21772
23968	47499	AI848016	TC174834	null	Mm.20921
24500	24435	AI848336	TC174982	proSAAS	Mm.4881
41888	39677	AI848373	TC204642	null	Mm.40178
20957	18815	AI847985	TC162742	null	Mm.31574
42657	36347	AI848029	null	null	Mm.4299
19662	25395	AI848618	TC187238	GLUT4 vesicle protein	Mm.29010
138476	206816	AI848697	TC159470	ribosomal protein L9	Mm.14244
143523	152751	AI849049	TC187378	muSec1	Mm.7247
35754	33959	AI849085	TC176765	null	Mm.41561
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11766	11482	AI848701	TC164165	null	Mm.39744
191322	208297	AI849057	TC189757	null	Mm.23950

6244	11573	AI849096	TC162251	null	Mm.22634
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0	0	AI849454	TC162146	null	Mm.22922
7606	9565	AI848981	TC202637	null	Mm.3973
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2830	6267	AI849428	TC163039	cellular retinaldehyde-binding	Mm.41653
7493	11890	AI848956	TC187321	null	Mm.44114
19295	31955	AI848987	TC158859	hprt gene product	Mm.18675
5384	7525	AI847673	null	null	null
35427	42944	AI847706	TC188568	null	Mm.40717
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40694	37473	AI847106	TC196324	null	Mm.41314
6807	5845	AI847680	TC203137	null	null
12036	12457	AI847721	TC159712	mouse RNA polymerase I 40kD su	Mm.3458
0	0	AI847080	null	null	null
0	0	AI847122	TC207245	null	Mm.40168
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10116	10462	AI848253	TC200959	red-1	Mm.27915
12364	13424	AI848279	TC201399	null	Mm.25125
32130	36264	AI848309	TC161658	null	Mm.34901
24207	22038	AI848229	TC173504	HP1 alpha protein	Mm.28003
40133	43286	AI848259	null	null	Mm.40584
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252384	164493	AI849373	TC200194	cytochrome c	Mm.35389
0	0	AI848845	TC187059	null	Mm.30003
107012	156389	AI849314	null	null	null
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8705	20957	AI848817	TC178545	4-1BB ligand	Mm.41171
0	0	AI848852	TC188758	includes alternative exon	Mm.4683
498395	700544	AI848331	TC159891	heterogenous nuclear ribonucle	Mm.2115
183187	265034	AI848367	TC201166	null	Mm.18555
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67494	67587	AI848018	TC183091	null	null
474846	431327	AI848337	TC188183	null	Mm.2125
46485	61729	AI848374	null	null	Mm.40512
34779	42864	AI847987	TC189003	Pig-a precursor	Mm.3781
52713	76862	AI848030	TC162275	null	Mm.27412
42882	31275	AI848621	TC205649	null	Mm.39872
99155	102154	AI848698	TC158920	ornithine decarboxylase, ODC {	Mm.15259
0	0	AI849052	TC183475	null	Mm.39622
1801210	1536310	AI849086	null	null	Mm.39406
21437	27886	AI848630	TC187958	G-protein coupled receptor	Mm.20465
114336	97127	AI848702	TC201923	mBLVR	Mm.28463
118811	109452	AI849058	TC160926	carboxyl terminal LIM domain p	Mm.5567
32996	28474	AI849099	TC163026	zinc-finger factor FOG2	Mm.39496
36241	22118	AI848884	TC189844	null	Mm.23885
71242	70297	AI849418	TC206313	null	Mm.40702

122082	152021	AI849455	TC173522	septin	Mm.336
16246	15988	AI848982	TC162239	null	Mm.22398
12054	16981	AI849376	null	null	null
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33829	33961	AI848989	TC200658	chromaffin granule ATPase II h	Mm.33083
87596	110677	AI847674	TC160074	casein kinase I-alpha	Mm.43737
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35461	29434	AI847108	TC175390	null	Mm.27786
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36826	40561	AI849534	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
34575	27429	AI848254	TC183625	null	Mm.41258
15988	22405	AI848280	TC189566	null	Mm.39099
5972	6748	AI848662	TC177859	null	Mm.41575
89660	86227	AI848231	TC188428	null	Mm.29556
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66723	91562	AI848286	TC186995	null	Mm.29617
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120210	183378	AI849317	TC174818	null	Mm.34506
46119	67551	AI849348	TC177539	null	Mm.18905
0	0	AI848819	TC161969	brain fatty acid-binding prote	Mm.3644
9155	11592	AI848853	TC158340	null	Mm.29780
14234	18572	AI848332	TC178059	null	Mm.33118
11208	15462	AI848368	TC186838	synaptosomal associated protei	Mm.4435
193634	187663	AI848396	TC173784	LIS	Mm.64447
21242	25968	AI848022	TC205001	null	Mm.58647
249954	279231	AI848338	TC188864	null	Mm.27518
708198	813492	AI848375	TC187324	huntingtin interacting protein	Mm.10082
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58341	57308	AI848699	TC201090	null	Mm.27904
39465	45587	AI849053	TC166695	null	Mm.40021
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87985	71730	AI848671	TC200421	Sh3bgrl protein	Mm.21446
25657	16096	AI848703	null	null	Mm.39873
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6939	10019	AI849100	TC187571	null	Mm.28524
33953	31372	AI848885	TC160171	null	Mm.34701
27759	34979	AI849420	TC190278	null	Mm.24184
34546	41204	AI849459	TC187906	null	Mm.41851
25736	29356	AI848983	TC204381	alpha-tubulin 8	Mm.32884
92175	95846	AI849377	null	null	null

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44818	52722	AI847675	TC189718	reduced in osteosclerosis tran	Mm.20839
20476	23819	AI847709	TC175074	null	Mm.39980
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8760	6718	AI847686	TC197031	null	null
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29635	31313	AI847082	TC164527	null	null
14368	17518	AI847124	TC187386	null	Mm.40851
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100465	98255	AI848255	TC173936	heme oxygenase-2b	Mm.710
161352	167379	AI848281	TC173916	null	Mm.28852
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72519	60705	AI848287	TC163132	null	Mm.31690
20629	16474	AI848599	TC180500	null	Mm.22965
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32169	30281	AI849340	TC159679	inner centromere protein INCEN	Mm.41503
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24756	23699	AI848855	TC175446	null	Mm.25621
42783	37080	AI848333	TC173514	retinoic acid-responsive prote	Mm.906
3009	5544	AI848369	TC208310	null	null
33417	48798	AI847980	TC164419	null	Mm.40333
99963	105101	AI848023	TC162072	neuronal-specific septin 3	Mm.41226
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13982	13337	AI848624	TC200390	APEX nuclease precursor	Mm.203
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28389	26518	AI849054	TC162891	null	Mm.30238
4500	6595	AI849089	TC174469	unnamed protein product	Mm.29122
13497	12238	AI848674	TC202809	neurogenic differentiation fac	Mm.41500
39737	47361	AI848704	TC174211	chromatin structural protein h	Mm.460
4862	4694	AI849060	TC177080	null	Mm.23916
255834	340883	AI849101	TC173233	acetyl-CoA synthetase	Mm.41757
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58733	62225	AI849423	TC173768	Sid1669p	Mm.25228
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26101	26770	AI848959	TC175741	null	Mm.45169
38820	48545	AI848992	TC161339	mitogen- and stress-activated	Mm.20914

21325	31652	AI847676	TC188386	apoptosis activator Mtd	Mm.3295
26025	17622	AI847710	null	null	Mm.41842
14538	20163	AI847073	null	null	null
90964	120176	AI847112	null	null	null
10133	11014	AI847689	TC201246	retinal-specific heterotrimeri	Mm.4702
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46803	51548	AI847083	TC186622	protein phosphatase 1	Mm.4572
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0	0	AI849539	TC178809	null	Mm.40874
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0	0	AI848665	TC203730	null	Mm.41407
20563	21221	AI848234	TC179902	null	Mm.39866
23937	17508	AI848262	TC165651	null	Mm.39867
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7010	8187	AI849309	TC189663	null	Mm.68835
13975	23498	AI849341	TC187396	muscle protein 684	Mm.27871
16500	20955	AI848814	TC171834	null	Mm.39620
30307	26593	AI848849	TC173091	mtprd	Mm.3679
508188	776117	AI849319	TC202555	null	Mm.28315
41611	57598	AI849350	TC187437	null	Mm.39350
107918	106198	AI848821	TC161079	null	Mm.26418
11469	13976	AI848856	TC187797	DMR-N9	Mm.2852
54594	50656	AI848334	TC164690	null	Mm.40288
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37866	40878	AI848024	TC179346	null	Mm.33311
71683	53797	AI848341	TC205133	null	Mm.23496
171712	180145	AI848377	TC201690	null	Mm.28861
44496	45919	AI847993	TC205958	null	Mm.40320
48611	40832	AI848035	TC159908	null	Mm.4603
70740	86103	AI848627	TC160880	apoptosis-inducible	Mm.41582
81687	81672	AI848691	TC201473	null	Mm.41099
41407	48717	AI849055	TC193259	null	null
29062	32547	AI849091	TC200267	V-1 protein	Mm.4143
120738	130812	AI848675	TC174177	null	Mm.25331
47685	42962	AI848705	TC205267	null	Mm.40698
837132	657216	AI849063	TC173290	TSC-22	Mm.20927
128207	168320	AI849102	TC183473	null	null
99579	95457	AI848893	TC207213	null	Mm.60603
89327	84256	AI849424	TC173247	N-acetylglucosaminyl transfera	Mm.6354
88362	77831	AI848954	null	null	Mm.1776
785424	518784	AI848985	TC161787	CD13/aminopeptidase N	Mm.4487
1806078	2028932	AI849379	null	null	Mm.18041
49830	62088	AI849433	TC161334	null	Mm.30157
95413	162245	AI848961	null	null	Mm.3486
24210	25121	AI848993	null	null	null
20717	32493	AI844606	TC188303	null	Mm.28097
0	0	AI848945	null	null	null
22492	28665	AI844041	TC175347	null	Mm.25568

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9495	17374	AI848921	null	null	Mm.40184
42703	55338	AI844011	TC186887	null	Mm.30194
0	0	AI844050	TC196282	null	Mm.54508
8627	8421	AI844098	TC202552	null	null
55539	72179	AI850013	TC159890	mPRL-2	Mm.6355
0	0	AI854351	TC163963	multiple PDZ domain protein	Mm.3140
30100	25305	AI854391	null	null	Mm.16773
7693	10798	AI850153	TC186828	null	Mm.24745
68295	72173	AI850023	null	null	null
34270	34780	AI854361	TC186401	null	Mm.3381
42200	54361	AI850111	TC199976	ribosomal protein S12 (AA 1 -	Mm.43452
7694	8787	AI850160	TC204230	neurofilament protein	Mm.2034
0	0	AI850603	TC189045	null	Mm.41042
37424	35344	AI850654	TC200968	null	Mm.34576
0	0	AI850693	null	null	Mm.41403
35660	40410	AI850738	TC189024	null	Mm.37954
88834	120389	AI850620	TC159935	matrin3	Mm.25575
27380	30523	AI850666	TC202133	null	Mm.41453
51341	54344	AI850707	TC161046	null	Mm.30264
18966	14414	AI850749	TC161467	null	Mm.38211
136627	205723	AI844131	null	null	Mm.16767
6634	6711	AI844190	TC162849	GRP1-associated scaffold prote	null
254756	225236	AI844237	TC173784	LIS	Mm.64447
83402	64923	AI849650	null	null	null
0	0	AI844145	null	null	Mm.39580
131305	145589	AI844203	TC189852	elongation factor-2 kinase	Mm.30029
59550	86302	AI844245	TC175475	null	Mm.24159
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19150	25142	AI850275	TC165318	null	Mm.43082
75477	80990	AI850305	TC189462	null	Mm.2498
14179	13309	AI850204	TC197064	null	null
138429	106397	AI850248	TC186701	null	Mm.27847
140788	163704	AI850284	TC173306	ATF4	Mm.641
34652	32279	AI850312	TC160406	NF-IL6	Mm.4230
0	0	AI851758	TC190486	null	Mm.37899
92561	91047	AI851789	TC183636	null	Mm.44136
10660	24503	AI851618	TC176009	sex comb on midleg homolog pro	Mm.18718
21569	33493	AI851646	TC175198	null	Mm.40907
28682	36983	AI851768	TC164335	null	Mm.44909
26434	37952	AI851599	TC205459	null	Mm.33796
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0	0	AI851652	TC173535	cardiovascular helix-loop-heli	Mm.29581
30847	34396	AI848917	TC161023	metaxin	Mm.22508
0	0	AI848946	TC160309	TMEFF2	null
11545	13442	AI844042	TC188073	BIT	Mm.1682
48763	40866	AI844087	TC175685	osmotic stress protein 94	Mm.4150
43102	42454	AI848923	TC200682	null	Mm.40612
34007	36241	AI844012	null	null	null

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15976	13884	AI854352	TC200586	topoisomerase III beta	Mm.20915
15128	13113	AI854393	TC188567	null	Mm.24125
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18877	20680	AI850024	TC169308	null	Mm.37590
36310	33514	AI854363	TC159981	null	Mm.40643
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21908	24174	AI850750	TC202036	RNA polymerase I largest subun	Mm.7387
51461	70524	AI844132	TC199940	beta-sarcoglycan	Mm.39733
51391	50523	AI844191	TC201058	null	Mm.27862
75780	102354	AI844238	TC188341	null	Mm.28232
101494	97747	AI849652	null	null	Mm.45555
19402	21114	AI844147	null	null	null
57981	66466	AI844207	TC204529	null	null
15795	17262	AI844247	TC174421	tissue inhibitor of metallopro	Mm.36851
85109	114423	AI849660	TC200967	null	Mm.30826
41908	36877	AI850196	TC175306	null	Mm.41456
0	0	AI850238	null	null	Mm.40527
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7327	11720	AI851759	TC163910	large conductance calcium acti	Mm.4123
0	0	AI851790	TC201623	null	Mm.41088
0	0	AI851619	TC160505	null	Mm.30153
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57761	70463	AI851769	TC186590	null	Mm.19802
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62790	58695	AI851654	TC187700	null	Mm.28026
20139	31965	AI848918	TC157814	lysosomal sialidase	Mm.8856
13170	20306	AI844007	TC201209	null	Mm.24495
164212	120688	AI844043	TC187170	null	Mm.28336
4133	4653	AI844088	TC161219	null	Mm.39503
40681	53613	AI848924	TC162610	poly(ADP-ribose) glycohydrolas	Mm.15962
26204	31377	AI844013	TC161442	null	Mm.41155
6271	7278	AI844052	TC204270	null	Mm.39184
42805	32322	AI844100	TC187382	Rsp29-like protein	Mm.44240
163868	103087	AI850017	TC173735	null	Mm.20242

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34305	56621	AI850155	TC174833	ALF1B protein	Mm.36894
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33461	32760	AI854364	TC176656	null	Mm.39706
100995	105698	AI850119	null	null	null
45979	79632	AI850162	TC200874	laminin B2 (AA 1-217)	Mm.1249
98295	114745	AI850605	TC162436	gankyrin	Mm.17640
14496	14256	AI850656	TC203477	histone deacetylase mHDA2	Mm.29854
0	0	AI850696	TC196442	null	Mm.40019
52282	39542	AI850740	TC175860	null	Mm.1040
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261785	175879	AI850669	TC186831	Mxi-WR protein	Mm.2154
90977	63088	AI850712	TC203807	null	Mm.5258
9504	8419	AI851739	TC162900	U2 small nuclear ribonucleotei	Mm.14286
29120	28288	AI844135	null	null	Mm.40821
82984	71179	AI844196	TC190559	null	Mm.5185
187819	204042	AI844239	TC203062	N-Acetylglucosamine kinase	Mm.29772
101267	100179	AI849653	null	null	null
260097	241160	AI844149	TC173804	null	Mm.29202
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13494	15877	AI844248	TC189064	null	Mm.39720
15348	21096	AI849662	TC206019	germ cell nuclear factor	Mm.4577
91546	116653	AI850198	TC206193	null	Mm.39489
21125	21758	AI850240	null	null	null
215435	154157	AI850278	TC200354	alcohol dehydrogenase 1 (ADH-1	Mm.2409
165679	243389	AI850307	TC186645	nuclear RNA helicase Bat1	Mm.30076
184884	121564	AI850208	TC173855	null	Mm.29640
61014	59153	AI850250	TC179309	null	Mm.43894
74705	62345	AI850286	TC158314	null	Mm.3014
50033	53636	AI850315	TC187351	null	Mm.17162
35509	43671	AI851760	TC174434	null	Mm.41562
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15615	13628	AI851620	TC164519	null	Mm.35100
24780	19394	AI851648	TC161609	null	Mm.7703
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31815	40773	AI851626	TC174779	null	Mm.35790
30414	31738	AI851655	TC175885	null	Mm.23720
29652	29310	AI844608	TC191109	null	Mm.41746
38086	44667	AI844009	TC173676	null	Mm.24499
27062	24430	AI844045	TC191494	null	Mm.24362
11633	20086	AI844089	TC188803	null	Mm.20290
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53406	49474	AI844101	TC202766	null	Mm.2664
5759	17905	AI850019	TC203963	null	Mm.20022
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6853	11279	AI850658	TC205883	null	Mm.32880
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0	0	AI851740	TC173683	Arp2/3 complex subunit p21-Arc	Mm.24498
20026	26477	AI844137	TC167470	null	Mm.44284
67347	76294	AI844199	TC162656	null	Mm.41579
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33600	43400	AI849654	null	null	Mm.39627
29932	35390	AI844153	TC157980	myocyte nuclear factor-beta	Mm.24214
88186	87346	AI844209	TC202768	myotubularin related protein 7	Mm.20253
21329	17820	AI844249	TC193851	null	null
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25926	26481	AI850200	TC173994	null	Mm.27292
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224401	262062	AI850308	TC159548	calmodulin	Mm.18041
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58825	48455	AI850287	TC162558	null	Mm.22911
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26899	32609	AI851627	TC160986	null	Mm.34081
0	0	AI851656	null	null	Mm.39652
45022	40295	AI848919	TC189253	seizure-related gene product 6	Mm.4727
33198	34358	AI844003	TC160624	null	Mm.29390
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77790	108900	AI844017	TC159942	aldose reductase	Mm.451
68515	66489	AI844058	null	null	Mm.20929
36382	75425	AI844106	TC200593	null	Mm.3856
24818	29500	AI850020	TC190085	hereditary haemochromatosis ho	Mm.2681
11116	7650	AI854359	null	null	Mm.39948
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42145	37470	AI854321	null	null	Mm.39267
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32941	37649	AI850671	TC160952	PHR1 isoform 2	null
30319	26299	AI850715	null	null	Mm.40890
101687	113783	AI851696	TC187304	fibroglycan (syndecan-2)	Mm.29350
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30659	30012	AI844200	TC200431	null	Mm.44750
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39206	55141	AI849655	TC190192	null	Mm.12054
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124250	119801	AI844210	TC162336	colony stimulating factor-1	Mm.795
109640	155877	AI844250	TC161974	null	Mm.6667
58118	69053	AI849666	TC178769	null	Mm.35435
81479	149738	AI850201	TC160517	chloride channel CLC-2	Mm.40496
324032	478954	AI850242	TC187602	Cadherin-related neural recept	Mm.15528
69823	86790	AI850282	TC200483	null	Mm.30113
6301	9557	AI850309	TC174666	null	Mm.24816
33713	33263	AI850211	TC200396	null	Mm.39967
97809	112483	AI850252	TC161953	null	Mm.29468
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35014	47741	AI851622	TC164328	Plasma membrane Ca ²⁺ -ATPase is	Mm.20441
39535	45211	AI851650	TC160680	null	Mm.23739
0	0	AI851772	TC206879	null	null
60080	75786	AI851603	TC160796	NADH-ubiquinone oxidoreductase	Mm.29867
17265	31497	AI851628	null	null	Mm.39651
21444	25713	AI851657	TC211860	null	null
15735	15276	AI848920	TC203871	null	Mm.23973
42206	58417	AI844005	null	null	Mm.5293
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22445	32431	AI844059	TC191063	null	Mm.41417
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6511	6170	AI850022	null	null	Mm.40881
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7669	10199	AI854369	TC179609	nicotinic acetlycholine recept	Mm.40959
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19444	17747	AI850169	TC166868	null	Mm.40028
88813	66642	AI850616	TC161525	null	Mm.27422
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65162	84428	AI851700	null	null	null
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93918	103803	AI849657	null	null	Mm.40520
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42420	29261	AI850244	TC188573	null	Mm.22649
145536	115043	AI850283	null	null	Mm.39417
16620	30949	AI850311	null	null	Mm.40017
25428	24211	AI850213	TC181239	null	Mm.39415
153922	171340	AI850253	TC160511	null	Mm.27649
37935	53860	AI850289	TC165370	null	Mm.40549
174599	211288	AI850320	TC173507	null	Mm.28438
39435	48663	AI851766	TC188441	null	Mm.17796
22659	24372	AI851794	null	null	null
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0	0	AI851651	TC162120	brevican	Mm.4598
0	0	AI851774	TC157983	null	Mm.22844
76157	63525	AI851604	null	null	Mm.40906
22213	14073	AI851629	TC158644	null	Mm.21906
23062	21603	AI851658	TC175670	BKLF	Mm.30798
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21272	21949	AI851828	null	null	Mm.40910
10652	14202	AI851862	null	null	null
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30199	53733	AI851837	TC160140	fertilization antigen-1; FA-1	Mm.29504
23199	26626	AI854405	TC188923	c-fms protein precursor (AA -1	Mm.22574
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48743	80842	AI852810	TC174467	MMAC1	Mm.1591
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207236	247682	AI853760	TC187317	transmembrane protein TM9SF3	Mm.2986
0	0	AI853794	TC176023	null	Mm.11669
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11063	11889	AI854431	TC189793	null	Mm.23258
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37369	111401	AI852578	TC203202	null	Mm.29433
46197	58330	AI852608	TC161220	RNA 3'-terminal phosphate cycl	Mm.28630
7637	6576	AI854438	TC208688	null	Mm.40169
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43384	36804	AI852615	TC164408	null	Mm.41512
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17945	18648	AI852088	TC161593	null	Mm.24259
6568	8964	AI852120	TC176101	GABA-A receptor alpha-4 subuni	null
7255	5854	AI852157	TC189008	polycystic kidney disease 1 pr	Mm.2973
47693	35135	AI852055	TC203855	mDab271 protein	Mm.18527
346905	660759	AI852094	TC157597	poly(A) binding protein	Mm.2642
16668	24241	AI852131	TC174424	null	Mm.28715
20405	22773	AI852168	TC176733	null	Mm.32139
231991	170185	AI853171	TC163891	null	Mm.27907
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32824	34256	AI852704	TC200967	null	Mm.30826
61676	44145	AI853365	TC200330	null	Mm.23929
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15033	7991	AI853375	TC158389	includes exons 3 through 12	Mm.22670
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29530	25223	AI852963	TC176790	null	Mm.41192
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9060	11134	AI853119	TC193037	null	Mm.17381
37741	33320	AI853153	TC174418	null	Mm.14816
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25727	43113	AI853795	TC173940	null	Mm.23865
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15445	22933	AI853769	TC177750	null	null
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13922	19070	AI852587	TC203639	null	Mm.40325
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20075	17060	AI852095	TC200674	null	Mm.27107
7535	7125	AI852132	TC173765	Kiaa0188	Mm.28548
44781	54385	AI852171	TC203012	null	Mm.28843
187234	167771	AI853172	TC200618	null	Mm.27173
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25863	44838	AI852696	null	null	Mm.11376
9134	7936	AI853184	null	null	null
15715	10827	AI853226	TC187231	null	Mm.30163
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34038	34634	AI851865	TC189808	null	Mm.40284
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11256	29209	AI852776	TC160811	Ku autoantigen	Mm.2627
0	0	AI852805	TC175100	plakophilin-3	Mm.29603
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15503	18651	AI852964	TC203610	null	Mm.39439
13027	10850	AI852782	TC188505	null	Mm.22758
41532	47130	AI852812	null	null	Mm.34500
118140	120766	AI852932	TC158923	unnamed protein product	Mm.28650
50059	56461	AI852973	TC187703	DXImx46e protein	Mm.29297
67790	77018	AI853123	TC178320	null	Mm.45426
21232	28653	AI853155	TC179780	null	Mm.39925
93344	88159	AI853762	TC161357	TGN38B precursor	Mm.4142
13715	19470	AI853796	TC193387	null	Mm.41222
43337	60187	AI853132	TC177361	null	Mm.39647
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64342	61773	AI853802	TC173706	phosphofructokinase-1 C isozym	Mm.28226
157729	173291	AI854433	TC176497	mCaMK1-beta2	Mm.31680
15641	10731	AI854461	TC201760	null	Mm.12746
33175	37007	AI852580	TC171847	null	Mm.39560

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60957	68155	AI854468	TC177897	G-protein alpha-t2 subunit	Mm.4805
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17880	24100	AI852161	TC173708	null	Mm.21686
41069	51274	AI852059	TC163843	null	Mm.40290
37385	37312	AI852097	TC159695	NIPSNAP1 protein	Mm.16958
18486	17299	AI852133	TC197060	null	Mm.39907
0	0	AI852172	TC178229	null	Mm.39286
47738	68883	AI853173	TC160408	null	Mm.34570
18116	23142	AI853215	TC201416	null	Mm.29711
54421	92340	AI852665	TC201222	null	Mm.18739
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72458	62531	AI853227	TC167243	null	Mm.27020
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35714	37739	AI852706	TC189337	null	Mm.34888
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12445	13400	AI853404	TC201754	sif and Tiam1-like exchange fa	Mm.29014
0	0	AI851833	TC160778	null	Mm.34536
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14007	21780	AI853378	null	null	Mm.39674
0	0	AI851799	TC196408	null	Mm.40540
7711	6370	AI851840	TC205113	null	Mm.41843
18731	26776	AI854412	TC177116	telencephalin precursor	Mm.4629
8791	6260	AI852777	TC164657	null	Mm.34178
10492	14692	AI852806	TC176683	null	Mm.32334
36995	38931	AI852921	TC189506	null	Mm.39301
46572	60295	AI852966	null	null	Mm.502
119878	152931	AI852785	TC187143	null	Mm.41896
25861	33104	AI852813	TC158296	null	Mm.16820
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29675	26490	AI853156	TC175354	null	Mm.29437
127965	76174	AI853763	TC189093	null	Mm.24426
19765	16350	AI853797	TC176877	null	Mm.32789
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12719	12751	AI853772	TC161111	null	Mm.28963
7730	9119	AI853803	TC186871	KH domain RNA binding protein	Mm.39730
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49030	62160	AI852581	TC187153	insulin degrading enzyme	Mm.25576
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32260	23362	AI852589	null	null	Mm.5293
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19852	27967	AI852091	TC210704	null	null
10124	12841	AI852123	TC190129	null	Mm.33538
23582	24284	AI852162	TC176356	IGF type I receptor	Mm.10226
62393	72628	AI852060	TC175135	hypothetical protein	Mm.28542
21232	22541	AI852098	TC200205	null	Mm.19130
24819	18596	AI852135	TC190916	null	Mm.37263
101282	62018	AI852173	TC200271	antizyme inhibitor	Mm.6775
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12713	15360	AI853405	TC201063	house-keeping protein	Mm.103
29215	29535	AI851834	TC167178	null	Mm.40541
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68324	74593	AI851841	TC165105	null	Mm.40542
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23117	23406	AI852778	TC188045	null	Mm.45197
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66576	84014	AI852923	null	null	null
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39800	30165	AI852814	TC206579	null	Mm.40289
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26679	35046	AI852779	null	null	Mm.40560
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0	0	AI852969	null	null	Mm.41238
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42398	48970	AI852177	null	null	Mm.40547
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21306	21348	AI852669	TC157908	null	Mm.40661
17000	16661	AI852703	TC175938	null	Mm.40933
13690	16144	AI853191	TC202671	null	Mm.35159
14315	12377	AI853230	TC181791	null	null
13018	15879	AI852677	TC201820	null	Mm.27693
26693	37241	AI852710	TC201195	arylhydrocarbon receptor	Mm.4452
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9316	11116	AI854047	TC160510	Mad-related protein Smad7B	Mm.34407
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27896	28724	AI850891	TC204690	null	Mm.39976
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102376	102478	AI851496	TC204259	null	Mm.32822
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14495	13287	AI853912	TC177726	null	Mm.37957

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25673	19033	AI854756	null	null	Mm.39451
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29012	20936	AI854218	null	null	Mm.68899
78515	84534	AI854245	TC200223	null	Mm.27039
21102	25658	AI854763	TC189262	putative E1-E2 ATPase	Mm.31357
33119	28481	AI854792	null	null	Mm.39690
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0	0	AI854049	TC203730	null	Mm.41407
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177374	185401	AI853053	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
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24753	25243	AI853419	TC162995	null	Mm.28062
28392	28324	AI853448	TC173580	null	Mm.1920
76710	118417	AI853476	TC160948	null	Mm.28975
149737	98734	AI854186	null	null	Mm.16773
84264	93350	AI853427	TC169266	null	Mm.39675
80428	69946	AI853454	TC189231	bridging integrator-3	Mm.24186
16185	20740	AI854165	TC177645	null	Mm.40598
47378	43904	AI854193	TC179963	null	null
250021	264983	AI853048	TC205681	null	Mm.1024
903907	452668	AI852338	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
13082	14255	AI852371	null	null	Mm.39912
21211	30540	AI852434	TC207027	null	Mm.39599
99184	117827	AI853054	TC157330	arginine-tRNA-protein transfer	Mm.21907
212435	217705	AI852344	null	null	null
220676	260775	AI852377	TC157688	HN1	Mm.1775
84644	100454	AI852440	null	null	Mm.39658
37118	41468	AI850893	TC174597	null	Mm.29105
42551	43194	AI853890	TC176507	Cu ⁺⁺ -transporting P-type ATPase	Mm.14926
72444	97555	AI851498	TC204159	null	Mm.41771
26360	36208	AI851507	TC173828	U1 snRNP-specific protein C	Mm.2265
27330	35124	AI850900	TC200658	chromaffin granule ATPase II h	Mm.40626
78259	113215	AI851490	TC161659	null	Mm.25640
22482	27774	AI853914	TC158529	null	Mm.41412
13173	13730	AI853936	null	null	null
172647	191527	AI854214	TC186841	null	Mm.24703
38284	38428	AI854241	TC179335	null	Mm.40308
91632	162314	AI854758	TC200023	ribosomal protein L27	Mm.28985
51334	43760	AI854787	null	null	null
50018	56078	AI854220	TC206401	null	Mm.40245

28303	29369	AI854247	TC190236	null	Mm.33220
99779	96160	AI854765	TC187927	null	Mm.41617
130112	97187	AI854795	null	null	Mm.40590
16159	16936	AI854026	TC174873	null	null
25521	29518	AI854051	TC175619	von Hippel-Lindau protein	Mm.40892
26422	20047	AI852983	TC161709	null	Mm.28076
25910	29229	AI853017	null	null	Mm.34225
40057	42455	AI854032	TC177922	null	Mm.40034
11758	14980	AI854058	TC193474	null	Mm.39944
75474	44707	AI852989	TC205353	null	Mm.34885
74977	55072	AI853026	TC203762	null	Mm.33367
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0	0	AI854281	TC161313	null	Mm.28776
12398	18727	AI854307	TC177527	null	null
39684	44941	AI850860	TC175204	null	Mm.7778
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11740	19326	AI854313	TC190961	null	Mm.41598
44194	49408	AI850866	TC200860	null	Mm.28277
0	0	AI853420	TC162225	null	Mm.28930
5784	10029	AI853449	null	null	Mm.42273
22124	21303	AI853477	TC166504	null	Mm.44133
50292	70392	AI854187	TC200208	keratinocyte growth factor rec	Mm.16340
17061	17351	AI853428	TC168188	null	Mm.39931
12079	14063	AI853455	TC206163	null	Mm.44146
45704	32800	AI854166	TC174243	nuclear body associated kinase	Mm.20934
5138	8250	AI854196	TC204996	brain-derived neurotrophic fa	Mm.1442
9394	11905	AI853049	TC175160	null	Mm.44143
20531	20481	AI852339	TC203428	null	Mm.37870
47792	37018	AI852372	TC176596	null	Mm.28304
18070	18845	AI852435	null	null	Mm.40220
256895	177979	AI853055	TC202403	null	Mm.36816
102400	109751	AI852345	TC160403	null	Mm.29697
24049	22438	AI852378	TC175367	null	Mm.32254
202508	281556	AI852441	null	null	Mm.39914
0	0	AI850895	TC188364	null	Mm.40690
86759	84677	AI853892	TC200444	null	Mm.40576
89470	104923	AI853909	TC190193	null	Mm.24797
49668	49117	AI851508	null	null	Mm.39423
50824	65503	AI850901	TC161389	unnamed protein product	Mm.25769
32846	34543	AI853895	TC166510	null	Mm.39941
63909	66234	AI853915	TC163521	GTP binding protein beta subun	Mm.9336
24551	32470	AI853937	TC163679	null	Mm.18712
0	0	AI854215	TC196137	null	null
34837	38672	AI854242	TC188461	null	Mm.36699
34871	32390	AI854759	TC173319	null	Mm.41671
64466	75032	AI854788	TC191903	null	Mm.40683
206509	177304	AI854222	TC158885	ornithine decarboxylase antizy	Mm.683
47844	43761	AI854248	TC192199	null	Mm.32074
16065	10888	AI854766	null	null	null
0	0	AI854797	TC194392	null	null

57925	94062	AI854027	null	null	null
41441	40280	AI854053	TC174277	null	Mm.24578
13458	17134	AI852984	TC190808	null	Mm.41428
12512	20825	AI853018	TC189036	uridine kinase	Mm.2559
47248	50335	AI854033	TC161794	null	Mm.21936
118795	150302	AI854059	TC160205	ubiquitin like protein	Mm.196
0	0	AI852992	TC190448	null	Mm.29727
66778	58067	AI853027	null	null	null
166200	215132	AI854255	TC175549	null	Mm.34620
62498	73505	AI854282	TC206325	null	Mm.39100
29215	25058	AI854308	TC183502	null	Mm.40927
84925	103259	AI850861	TC190065	multiple exostoses-like 1 prot	Mm.30978
98255	153971	AI854261	TC176423	voltage-gated calcium channel	Mm.30841
69032	71204	AI854289	TC160672	null	Mm.28618
93838	93452	AI850831	TC186854	null	Mm.1479
73690	73560	AI850867	TC159695	NIPSNAP1 protein	Mm.16958
0	0	AI853421	null	null	Mm.39930
24722	30256	AI853450	TC201694	collagen type XIV	Mm.41332
0	0	AI853478	null	null	null
15549	14413	AI854189	TC187365	p19	Mm.3304
39327	54704	AI853430	TC190710	null	Mm.1251
32549	38580	AI853456	TC168323	null	Mm.39932
32406	33518	AI854169	TC178139	Arnt2	Mm.4813
10936	14346	AI854197	null	null	null
50973	71249	AI853050	null	null	Mm.39923
0	0	AI852340	TC176367	null	Mm.2833
16702	25133	AI852373	TC170484	null	Mm.40550
27325	28798	AI852436	null	null	null
24365	27758	AI853060	null	null	Mm.40939
44636	40582	AI852346	TC192125	null	Mm.40922
110282	89857	AI852379	TC173605	paladin	Mm.3437
32967	27664	AI852442	TC187991	UTX	Mm.10218
21186	28255	AI850896	TC200243	null	Mm.41107
71259	131641	AI851488	null	null	Mm.39650
81872	66389	AI851500	TC158803	null	Mm.1129
49632	52853	AI851509	TC201105	null	Mm.8393
28442	85532	AI850903	TC157943	null	Mm.25803
31342	25555	AI853896	TC189302	null	Mm.24656
0	0	AI853916	TC188772	null	Mm.44211
0	0	AI850988	TC190239	neural recognition molecule NB	Mm.40898
27600	23316	AI854216	null	null	Mm.39266
19027	12522	AI854243	TC175574	null	Mm.6560
11996	34887	AI854760	TC190791	Zfp-1 protein (AA 1-424)	Mm.4184
28984	24580	AI854789	TC162463	null	Mm.24517
21547	25624	AI854223	TC188919	null	Mm.29886
15235	14112	AI854249	TC190954	claudin-14	Mm.25832
0	0	AI854767	TC173613	null	Mm.27660
27744	42362	AI854798	TC194358	null	Mm.40682
46695	41399	AI854028	TC160010	null	Mm.24187
9212	13175	AI854054	TC174618	null	Mm.40914
83220	106048	AI852985	TC187565	null	Mm.29431

0	0	AI853019	null	null	Mm.39243
13667	10521	AI854034	TC205254	null	Mm.31856
26676	33485	AI854060	TC185763	null	null
0	0	AI852993	null	null	null
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0	0	AI854256	TC189361	null	Mm.11360
0	0	AI854283	TC163362	null	Mm.30472
4489	6058	AI854309	null	null	Mm.28850
60963	64024	AI850862	TC200429	maternal transcript Maid	Mm.7838
57850	80234	AI854262	TC187573	null	Mm.27624
27906	24577	AI854290	TC158863	cytochrome c oxidase VIIc (AA	Mm.43786
41465	52006	AI850832	TC203190	null	Mm.30654
45599	47001	AI850868	TC176768	null	Mm.27717
36089	30903	AI853422	TC162685	null	Mm.23816
61130	53502	AI853451	TC162117	cAMP-dependent protein kinase	Mm.19111
23582	22773	AI853479	null	null	Mm.40570
34857	37121	AI854190	TC163892	null	Mm.41145
24128	23693	AI853432	TC203351	null	Mm.54506
69427	60959	AI853458	TC200577	null	Mm.34298
35259	38641	AI854170	null	null	null
179517	202486	AI854198	TC173788	null	Mm.27404
34889	25891	AI853051	TC176952	putative twelve transmembrane	Mm.28529
22585	22743	AI852341	null	null	null
49790	53359	AI852374	TC165851	null	Mm.40923
119763	108721	AI852437	TC162476	GEG-154	Mm.5181
0	0	AI853061	TC174971	null	Mm.29087
23033	26926	AI852347	null	null	null
12675	16390	AI852380	TC161952	basement membrane proteoglycan	Mm.7257
65906	52201	AI852443	null	null	Mm.40552
24977	21938	AI850897	TC190194	HS1 binding protein 3	Mm.41098
11338	13627	AI853893	TC163004	null	Mm.40990
6719	10339	AI853911	null	null	null
28450	27449	AI851510	TC176740	MIP-1 alpha receptor	Mm.14302
38798	36515	AI853881	TC173589	null	Mm.26598
16349	22001	AI853899	TC174716	null	Mm.29491
337295	414709	AI853917	TC200688	proteasome subunit C7-I	Mm.22233
57289	63251	AI850989	null	null	null
154377	128629	AI854217	null	null	Mm.37214
84033	91652	AI854244	TC178322	null	null
59426	58938	AI854761	null	null	Mm.40968
6244	9639	AI854790	TC190944	null	Mm.60587
103613	131271	AI854224	TC201535	receptor tyrosine kinase	Mm.2901
74266	99573	AI854738	TC187263	null	Mm.46304
61854	99209	AI854768	TC206009	null	Mm.35769
60570	85587	AI854799	TC159723	acidic ribosomal phosphoprotei	Mm.14843
16463	23305	AI850981	TC164305	null	Mm.31786
20873	18138	AI854599	TC173391	polyhomeotic 2	Mm.14198
49346	35892	AI854625	TC187621	null	Mm.22238
0	0	AI854654	TC165549	null	Mm.40349
31286	35608	AI854579	TC175161	null	Mm.28625
230018	148795	AI854605	TC162096	cytochrome P450 monooxygenase	Mm.12838

38671	42029	AI854631	TC170094	G protein-coupled receptor	Mm.4721
17863	19997	AI851236	TC192047	Potassium channel protein	Mm.39092
10492	11894	AA410048	TC204131	null	Mm.1911
0	0	AA407057	TC160216	Sid394p	Mm.21507
20056	25747	AA407197	TC200191	mCASP	Mm.34465
0	0	AA407782	null	null	null
17629	25638	AA410074	TC158296	null	Mm.16820
13210	11671	AA407149	TC191579	null	Mm.16972
8170	11806	AA407173	TC174870	CDC45L	Mm.1248
0	0	AA407812	TC161682	DNA helicase	Mm.3674
296467	493687	AI851260	TC158183	ribosomal protein L41	Mm.13859
39216	32447	AI851291	TC201128	Iroquois homeobox protein 2	Mm.28888
153456	135173	AI851081	TC202813	null	Mm.28891
67930	67229	AI851146	null	null	null
7195	10386	AI851268	TC188281	cAMP inducible 1 protein	Mm.27387
403322	256130	AI851298	TC163703	null	Mm.33421
81522	54083	AI851092	TC175384	null	Mm.34955
37557	52812	AI851154	TC162784	null	Mm.40664
0	0	AA407982	TC161738	connexin 31	Mm.90003
59737	67721	AA408207	TC200460	null	Mm.22577
0	0	AA408325	TC160265	null	Mm.24229
0	0	AA408290	TC160946	null	Mm.33439
0	0	AA407862	TC180000	null	Mm.40620
17169	18409	AA408251	TC199641	null	Mm.3686
33628	38608	AA408365	TC175102	ARL-6 interacting protein-4	Mm.29430
0	0	AA408494	TC159009	tropomodulin 3	Mm.38445
12509	9441	AI850982	TC177156	putative N-acetyltransferase C	null
32291	31701	AI854600	TC166356	hyperpolarization-activated ca	Mm.12901
11914	16314	AI854626	TC159824	Ulip	Mm.36903
0	0	AI854656	TC205051	null	Mm.32551
0	0	AI854581	TC202527	null	Mm.1511
11416	11616	AI854607	TC187660	null	Mm.41574
75882	70391	AI854632	TC186587	unnamed protein product	Mm.3765
32646	53016	AI851237	TC157805	null	Mm.41800
0	0	AA410087	TC162302	null	Mm.27667
47988	27320	AA407103	TC200849	null	Mm.27354
12010	14779	AA407221	TC176042	null	Mm.3158
41753	45319	AA407751	TC200720	null	Mm.29965
7881	6256	AA410078	TC197826	null	Mm.3657
7030	8348	AA407151	TC206347	null	Mm.24481
13207	10172	AA407175	null	null	null
20144	20310	AA407796	TC202564	null	Mm.27738
105659	125704	AI851261	TC177713	null	Mm.35735
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35666	31674	AI851082	TC191738	phosphatidylinositol 3-kinase	Mm.40613
23528	25663	AI851147	TC176882	null	Mm.25028
4219	8586	AI851270	TC174815	ribosomal protein S6 kinase	Mm.29910
67854	80656	AI851299	TC175553	null	Mm.39645
47813	55681	AI851093	TC161742	null	Mm.24642
25555	37000	AI851155	TC203301	null	Mm.41435
0	0	AA407971	TC200841	null	Mm.29497

60879	60934	AA408208	TC189085	null	Mm.12055
0	0	AA408329	null	null	Mm.8046
0	0	AA408293	TC160880	apoptosis-inducible	Mm.1605
5310	4574	AA407867	TC168310	null	Mm.100532
18282	18592	AA408254	TC172795	null	Mm.13144
0	0	AA408369	TC176053	hypothetical protein	Mm.2735
0	0	AA408498	TC190490	4-1BB protein precursor	Mm.22552
9018	5139	AI850983	TC201133	null	Mm.27692
9384	10171	AI854601	TC204645	null	Mm.38009
4469	6773	AI854627	TC191751	null	Mm.41231
37776	35856	AI854657	TC166514	null	null
22858	32906	AI854582	TC193695	null	Mm.68515
81113	72546	AI854608	TC162741	mLGP85/LIMP II	Mm.7176
38143	38084	AI854633	TC201104	E3 protein	Mm.4554
18872	21810	AI851238	TC176636	null	Mm.29001
12248	12579	AA410090	TC160101	Lectin (AA 1 - 135)	Mm.43831
0	0	AA407106	TC176127	DNA cytosine-5 methyltransfera	Mm.89772
12211	13772	AA407223	TC186401	null	Mm.100245
0	0	AA407752	TC160021	null	null
544502	806800	AA410080	null	null	null
59996	87464	AA410062	TC161159	null	Mm.29452
32649	49956	AA407246	TC174343	e(y)2 homolog	Mm.46013
190254	207131	AA407260	TC160004	null	Mm.30120
332955	447696	AI851262	null	null	null
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31439	29736	AI851083	TC190730	null	Mm.22898
55260	48397	AI851148	TC189636	null	null
168292	138724	AI851271	TC177205	null	Mm.32098
45951	39513	AI851302	TC163179	null	Mm.41483
183934	198116	AI851094	TC204397	null	Mm.41077
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18153	16043	AA408014	TC186401	null	null
33941	35979	AA408213	null	null	null
0	0	AA408341	TC204384	group V phospholipase A2	Mm.24487
0	0	AA408472	null	null	null
54154	72905	AA408107	TC179115	null	Mm.100531
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90111	87497	AA408197	TC201460	null	Mm.8249
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47894	52695	AI854628	TC165669	null	Mm.40666
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24522	30670	AI854583	TC160226	null	Mm.30143
30718	33636	AI854609	TC191952	null	Mm.23858
21418	19117	AI854634	null	null	Mm.40586
32121	30756	AI851240	TC202417	AIP70 protein	Mm.41415
0	0	AA410091	TC190369	null	Mm.36418
0	0	AA407111	null	null	null
0	0	AA407234	TC203034	null	Mm.22664
166947	150325	AA407785	TC187411	null	Mm.46724

0	0	AA407691	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
10991	21332	AA410064	TC160678	null	null
0	0	AA407252	TC162811	null	Mm.22554
28447	40373	AA407087	TC187976	null	Mm.30052
0	0	AI851263	null	null	null
36719	41605	AI851294	TC178273	brain ryanodine receptor	Mm.3441
17293	20333	AI851084	null	null	Mm.40208
55942	72634	AI851149	null	null	Mm.40901
19026	22561	AI851272	TC201420	MAP kinase phosphatase 6; MKP6	Mm.27978
136071	107892	AI851303	TC195045	null	Mm.40904
0	0	AI851095	TC187757	null	Mm.37751
23537	28032	AI851157	TC158907	null	Mm.46783
0	0	AA407995	TC203298	null	null
18135	16633	AA408215	TC200906	null	Mm.28938
24078	33117	AA408348	TC200283	null	Mm.28049
0	0	AA408475	TC158238	tum- transplantation antigen P	Mm.13020
0	0	AA408137	TC188994	null	Mm.23365
23209	28634	AA408260	TC163573	null	Mm.10814
9213	13324	AA408201	TC173282	GTP-specific succinyl-CoA synt	Mm.34632
12344	23236	AA408506	TC160544	null	Mm.28017
33909	44325	AI854577	TC205673	null	null
149737	137864	AI854603	null	null	Mm.39688
51263	48711	AI854629	TC161099	null	Mm.38802
84038	64076	AI851234	null	null	null
34175	26326	AI854585	TC174178	null	Mm.29957
65087	71455	AI854610	TC187308	COP9 complex subunit 7a	Mm.1444
49359	52282	AI854635	TC185202	null	Mm.40966
60678	64165	AI851241	TC163702	null	Mm.34402
8350	6883	AA410094	TC188108	ORC4-related protein	Mm.81934
11889	15263	AA407132	TC167106	null	Mm.24479
78213	123682	AA406999	null	null	Mm.104564
4913	5686	AA407787	null	null	null
106997	115544	AA407699	TC160269	unknown	Mm.396
34556	42379	AA410065	TC202202	null	Mm.279
24629	19145	AA407274	null	null	null
0	0	AA407088	null	null	Mm.100550
88150	99707	AI851264	TC166213	null	Mm.43553
38015	36422	AI851296	TC208345	null	Mm.40903
0	0	AI851086	TC178447	null	null
64917	74184	AI851152	TC161251	null	Mm.28171
0	0	AI851273	TC177622	null	Mm.40210
115271	113029	AI851304	null	null	null
25933	32279	AI851096	TC161596	null	Mm.31420
149238	156550	AI851158	TC162181	null	Mm.28684
11788	11628	AA408001	TC201379	null	Mm.4810
19511	20583	AA408219	TC187317	transmembrane protein TM9SF3	Mm.2986
24694	34571	AA408360	TC186399	ribosomal protein S8	Mm.3381
22270	18576	AA408477	TC199655	null	Mm.24490
33476	40040	AA408125	TC188929	null	Mm.90043
42240	49405	AA408230	TC192356	EPCS24	Mm.3692
43711	55862	AA408413	TC186124	null	null

166861	250734	AA408509	TC158243	ribosomal protein	Mm.2235
54848	54494	AI854578	TC203244	null	Mm.38399
8487	10836	AI854604	null	null	null
0	0	AI854630	TC178287	null	Mm.4466
11725	20780	AI851235	TC197068	null	Mm.39422
44342	50225	AI854586	TC175110	null	null
59372	67292	AI854611	TC161267	null	Mm.19803
6551	7757	AI854636	TC186588	growth factor-induced protein	Mm.3765
128818	150611	AI851244	TC162818	null	Mm.40020
11041	10497	AA410107	TC160240	null	Mm.4859
24186	37712	AA407134	TC159679	inner centromere protein INCEN	Mm.29755
17437	18089	AA407168	null	null	null
12181	16967	AA407811	null	null	Mm.90029
0	0	AA410114	TC186112	null	Mm.100524
157090	94389	AA410071	null	null	Mm.34876
420236	293618	AA407293	TC187842	ARL-6 interacting protein-2	Mm.24719
67648	58675	AA407756	TC173703	null	Mm.666
437187	467807	AI851265	TC161331	chloride channel CaCC	Mm.20897
312740	306947	AI851297	TC186827	mitogen-activated protein kin	Mm.30629
204224	188934	AI851090	TC204459	null	Mm.34283
163920	179382	AI851153	TC173865	null	Mm.23998
281586	227817	AI851274	TC157310	null	Mm.34182
635209	565381	AI851305	TC187508	null	Mm.28665
28395	30414	AI851097	TC161812	null	Mm.41398
1722231	1711413	AI851159	TC174435	3.4J polypeptide	Mm.2442
13112	18007	AA408030	TC173091	mtprd	Mm.3679
12146	25833	AA408239	TC175953	null	Mm.34776
0	0	AA408362	null	null	null
0	0	AA408479	TC186401	null	null
0	0	AA408128	TC165367	null	Mm.31046
11025	14194	AA408275	TC161597	null	Mm.28738
23668	27406	AA408415	TC173515	null	Mm.29343
161072	246485	AA408510	null	null	Mm.4071
39549	42355	AW537951	TC200491	null	Mm.29805
0	0	AW538008	TC187280	null	Mm.41890
129486	143070	AW538052	TC176246	null	Mm.34617
86699	89661	AW538091	TC177106	null	Mm.28186
0	0	AW537964	TC157690	lipoprotein lipase precursor	Mm.1514
187341	142153	AW538019	TC174634	tartrate-resistant acid phosph	Mm.46354
32437	40308	AW538060	TC189628	null	Mm.30659
351280	371476	AW538113	TC174962	null	Mm.29713
13246	9367	AW538863	TC188466	acyl-CoA thioesterase	Mm.23368
63180	78495	AW539102	TC201218	null	Mm.21617
69959	112039	AW539228	TC191343	short Fas ligand	Mm.3355
0	0	AW539290	null	null	null
73880	78740	AW538967	TC200350	mDj3	Mm.29186
0	0	AW539113	null	null	null
0	0	AW539241	null	null	Mm.102586
637829	975542	AW539304	TC187263	null	Mm.8324
11077	9502	AW542450	TC163952	null	Mm.27416
99437	84299	AW542927	TC186811	BAP31	Mm.17

83008	122300	AW543089	TC175137	null	Mm.27902
43316	33157	AW543402	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
8394	12063	AW542466	TC159962	null	Mm.33808
11568	22526	AW542940	TC201076	null	Mm.8686
5672	9898	AW543114	TC186894	null	Mm.103457
18067	24471	AW543415	TC188091	secretory carrier membrane pro	Mm.30226
33138	26037	AW538155	TC201179	null	Mm.28237
23778	29999	AW538201	null	null	null
175362	177641	AW538270	null	null	Mm.102550
39503	45319	AW538327	TC187143	null	Mm.21409
0	0	null	null	null	null
38460	35004	AW538214	TC157781	tryptophan-2,3-dioxygenase	Mm.21545
110703	124336	AW538283	TC201961	null	Mm.21474
0	0	null	null	null	null
8565	12108	AW539345	TC159890	mPRL-2	Mm.6355
27319	24442	AW539393	TC201338	null	Mm.24848
0	0	AW539457	TC186865	null	Mm.35850
203872	212882	AW539518	null	null	null
429094	430051	AW539360	TC187548	null	Mm.34184
0	0	AW539413	TC203351	null	Mm.54120
30323	23646	AW539475	TC162824	null	Mm.18298
49261	76759	AW539534	TC162447	null	Mm.14580
99731	200029	AW543477	TC173530	hypoxia-inducible factor one a	Mm.3879
112538	126499	AW543623	TC161347	null	Mm.20277
94826	123117	AW543694	TC175175	null	Mm.27454
22691	43233	AW543761	TC187011	null	Mm.28348
43361	46391	AW543493	TC175334	null	Mm.28507
29563	50943	AW543640	TC186498	F52	Mm.2769
20641	35663	AW543707	TC187966	unnamed protein product	Mm.29061
70198	76048	AW543780	TC202463	null	Mm.35797
7245	15608	AW537952	TC161005	null	Mm.29484
58708	70680	AW538009	TC200410	protein phosphatase type 2A ca	Mm.11711
308999	227644	AW538055	TC160020	preadipocyte growth factor / g	Mm.426
233017	255090	AW538093	null	null	null
17757	24326	AW537966	TC174936	null	Mm.23298
64646	54770	AW538025	TC160750	null	Mm.42826
19824	43567	AW538062	TC159764	null	Mm.29959
127220	178170	AW538114	TC157824	histidyl-tRNA synthetase	Mm.10528
81923	89633	AW538866	null	null	null
11782	14809	AW539103	TC186735	protein Htf9C	Mm.5128
0	0	null	null	null	null
794149	945675	AW539293	TC191556	null	Mm.102611
0	0	AW538969	null	null	Mm.102570
156626	134295	AW539114	null	null	null
33696	38522	AW539306	TC188864	null	Mm.27518
0	0	AW542453	null	null	null
82799	144013	AW542928	TC173194	null	Mm.29815
77720	87143	AW543092	TC204446	null	Mm.31082
106036	119384	AW543404	TC161342	RNA binding protein	Mm.12931
78744	146852	AW542467	null	null	null
7063	6693	AW542943	TC163452	prolactin-like protein L	Mm.83051

149337	184153	AW543115	TC173674	null	Mm.28161
30180	80766	AW543423	TC160694	Glut-1	Mm.21002
70965	55008	AW538156	TC158348	null	Mm.28466
33896	46618	AW538202	TC173803	PKCq-interacting protein PICOT	Mm.29675
212589	224116	AW538271	TC174224	ClpP protease	Mm.15243
46131	55965	AW538329	TC159135	null	Mm.21569
10733	13973	AW538175	TC174393	serine/threonine kinase	Mm.4674
33335	31723	AW538215	null	null	Mm.32222
171868	207349	AW538284	TC173826	calpactin I light chain	Mm.1
19856	26683	AW538342	TC161500	null	Mm.21064
666152	749345	AW539347	TC205442	null	Mm.103314
56205	58508	AW539394	TC200330	null	Mm.23929
81895	153092	AW539460	TC175936	null	Mm.45132
149398	158066	AW539519	TC201560	null	Mm.30777
68522	46222	AW539361	null	null	null
26858	26118	AW539416	TC159161	null	Mm.24352
11379	6611	AW539481	TC160171	null	Mm.34701
0	0	AW539538	TC190914	null	Mm.103508
49942	63750	AW543485	TC158900	beta proteasome subunit	Mm.368
0	0	AW543626	null	null	null
52127	45418	AW543697	TC159639	histone stem-loop binding prot	Mm.4172
9440	5607	AW543763	TC187023	unnamed protein product	Mm.41730
174914	139953	AW543494	null	null	null
26428	26564	AW543642	null	null	null
17532	21342	AW543709	TC173873	null	Mm.28675
0	0	AW543782	TC202442	null	Mm.34991
9632	10893	AW537953	TC202771	metalloprotease-disintegrin me	Mm.23840
75378	91301	AW538011	TC174356	null	Mm.26537
57792	65421	AW538056	TC187840	tex261	Mm.848
132847	188990	AW538097	TC187080	nuclear pore-targeting complex	Mm.16710
482316	715599	AW537968	TC200290	SET	Mm.28805
56971	92017	AW538026	TC174511	null	Mm.22240
59881	77152	AW538064	TC161286	null	Mm.35491
25400	53242	AW538116	TC188085	null	Mm.36766
27229	30937	AW538869	TC187136	null	Mm.25293
39293	50106	AW539104	TC160303	null	Mm.30849
28826	22027	AW539231	TC188583	null	Mm.41715
0	0	AW539296	null	null	Mm.102587
15035	16194	AW538970	TC190830	null	Mm.41372
0	0	null	null	null	null
899612	985487	AW539244	TC192220	null	Mm.17586
0	0	AW539310	TC201267	small nuclear RNA	Mm.4633
17350	23788	AW542455	TC188425	null	Mm.29096
56426	77748	AW542930	TC189636	null	Mm.24809
33006	54189	AW543108	TC159731	phosphatidylethanolamine bindi	Mm.16784
15447	22890	AW543409	TC162633	EPCS26	Mm.27525
89906	94278	AW542880	TC186600	null	Mm.29949
32462	37486	AW542944	null	null	Mm.29540
0	0	AW543119	TC190495	null	Mm.86998
256965	276303	AW543424	null	null	null
5818	8549	AW538159	TC162179	interleukin 17 receptor	Mm.4481

18708	28209	AW538203	TC187967	RNA binding protein TIA-1	Mm.2291
87751	115925	AW538274	TC173724	null	Mm.21981
149636	213258	AW538330	TC159602	proteasome Z subunit precursor	Mm.2246
7097	8792	AW538176	TC158998	RHOB	Mm.687
412671	582757	AW538216	null	null	Mm.102548
220511	377866	AW538286	TC173644	null	Mm.44219
22852	36169	AW538344	TC158554	null	Mm.45418
67490	78942	AW539348	TC187040	null	Mm.26625
60747	61362	AW539395	TC186411	capping protein alpha 1 subuni	Mm.19142
10039	13132	AW539462	TC174577	null	Mm.28855
59016	83380	AW539521	TC200811	putative lysophosphatidic acid	Mm.671
0	0	AW539362	TC188861	null	Mm.103397
103087	141887	AW539418	TC200227	null	Mm.30195
0	0	AW539482	null	null	Mm.102595
0	0	null	null	null	null
13862	19991	AW543486	TC157780	null	Mm.25265
0	0	null	null	null	null
33310	66367	AW543698	TC175664	null	Mm.100761
44693	35099	AW543764	TC202197	null	Mm.38272
37176	47730	AW543496	TC174493	null	Mm.41513
138877	153781	AW543644	null	null	null
15590	18333	AW543712	TC161585	null	Mm.29088
51049	53226	AW543784	TC175599	null	Mm.35693
33243	45825	AW537955	null	null	null
39973	48213	AW538013	TC174759	null	Mm.29070
238498	222219	AW538057	TC175630	null	Mm.24477
356576	434526	AW538098	null	null	null
885813	661542	AW537971	TC160166	null	Mm.24837
32238	45236	AW538028	TC188360	placental PRL-like protein A	Mm.18607
703653	344032	AW538067	TC186933	creatine kinase (28AA)	Mm.16831
1168900	1030756	AW538119	null	null	null
41992	58080	AW538871	TC201036	vasodilator-stimulated phospho	Mm.9684
574876	564898	AW539107	TC163347	estrogen related receptor alph	Mm.2563
12743	13619	AW539232	null	null	null
54137	65417	AW539298	TC157633	Seryl-RS	Mm.28688
18046	20679	AW538973	TC162722	null	Mm.24627
16987	12366	AW539115	TC196908	null	Mm.102574
54203	53242	AW539245	TC199956	malate dehydrogenase	Mm.21743
188235	170155	AW539314	TC190912	null	Mm.55181
9705	14589	AW542456	TC174575	lamin B	Mm.4846
64004	70515	AW542931	TC201596	null	Mm.17523
58209	85103	AW543112	TC179451	null	null
9914	12752	AW543410	TC188977	null	Mm.24592
25715	22100	AW542885	TC173908	phosphomannomutase Sec53p homo	Mm.18939
118260	161234	AW542945	TC190029	null	Mm.40983
0	0	AW543121	TC157893	null	null
82524	72700	AW543439	TC200126	p59 immunophilin	Mm.12758
0	0	AW538163	null	null	null
8862	8854	AW538204	TC159679	inner centromere protein INCEN	Mm.16317
200263	355759	AW538275	TC163331	tubby	Mm.12887
7231	12076	AW538332	TC174384	GATA-2 protein	Mm.1391

17928	27872	AW538177	TC158206	p160 myb-binding protein	Mm.6805
109062	120224	AW538218	TC201311	geranylgeranyl transferase bet	Mm.29211
153125	159432	AW538289	null	null	null
63417	64055	AW538346	TC160364	Bc10	Mm.34330
13557	12372	AW539350	TC160564	null	Mm.22722
0	0	AW539406	null	null	Mm.101798
23436	26834	AW539467	TC186862	centrosomin B	Mm.2238
21644	29360	AW539524	TC186704	null	Mm.34411
95875	116465	AW539363	TC175805	GARP45	Mm.20450
0	0	null	null	null	null
47461	80855	AW539487	TC157597	poly(A) binding protein	Mm.2642
70307	46200	AW539541	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
14174	20406	AW543487	TC175454	null	Mm.25162
0	0	AW543633	null	null	null
208225	193551	AW543703	TC200236	null	Mm.24086
106400	145187	AW543765	null	null	null
360006	395356	AW543498	null	null	null
246910	213975	AW543654	null	null	null
35128	27411	AW543719	TC175371	null	Mm.28954
13736	19398	null	null	null	null
14374	14495	AW537957	null	null	null
113744	98593	AW538016	TC187508	null	Mm.28665
45779	63117	AW538058	TC200839	adrenomedullin precursor	Mm.1408
64834	129023	AW538102	TC162244	null	Mm.21798
0	0	AW537973	TC157848	hypothetical protein	Mm.104205
347756	608317	AW538031	null	null	null
258145	214808	AW538068	TC160931	null	Mm.28347
22417	23407	null	null	null	null
174091	198489	AW538874	null	null	null
0	0	AW539111	null	null	Mm.87156
11361	15227	null	null	null	null
0	0	AW539301	TC160793	65-kDa macrophage protein	Mm.22510
15105	21237	AW538974	TC186879	null	Mm.102571
34757	48703	AW539120	TC160877	null	Mm.28225
37737	56894	AW539248	TC157814	lysosomal sialidase	Mm.8856
584337	575391	AW539315	null	null	null
50608	68694	AW542460	TC160790	EGF repeat transmembrane prote	Mm.4173
78355	104559	AW542932	TC200434	null	Mm.23693
41209	54202	null	null	null	null
60745	73195	AW543412	TC200688	proteasome subunit C7-I	Mm.22233
0	0	null	null	null	null
31120	25038	AW542950	TC186845	null	Mm.30547
172360	185442	AW543371	TC160926	carboxyl terminal LIM domain p	Mm.5567
17958	13337	AW543440	TC187678	null	Mm.29534
8860	8926	AW538165	TC200375	GTP-binding protein	Mm.6698
197595	190621	AW538211	null	null	null
77190	85614	AW538278	TC187111	pantophysin gene	Mm.25699
146048	128017	AW538336	TC187436	small zinc finger-like protein	Mm.30034
72362	68577	AW538179	null	null	null
52038	55278	AW538220	null	null	null
85790	105767	AW538291	TC161801	core promoter binding protein	Mm.33892

74452	72585	AW538347	TC202822	null	Mm.24102
0	0	null	null	null	null
0	0	AW539408	TC201049	cp27	Mm.21310
0	0	AW539471	TC160725	null	Mm.24356
0	0	AW539528	TC200331	null	Mm.29541
0	0	AW539364	TC166431	null	Mm.102590
0	0	AW539426	TC190291	null	Mm.36757
6741	11997	AW539487	TC157597	poly(A) binding protein	Mm.2642
13637	18705	AW539542	TC200933	null	Mm.41596
15663	21665	AW543488	TC158362	null	Mm.94154
290952	347077	AW543636	TC187422	annexin V	Mm.1620
8146	19685	AW543704	TC160684	cdc37 homolog	Mm.4117
0	0	AW543773	null	null	Mm.22691
23057	25895	AW543510	TC175121	null	Mm.38528
19571	23524	AW543661	TC188531	null	Mm.41054
0	0	AW543721	TC159642	ribosomal protein	Mm.42790
59440	108250	AW543789	TC176831	connexin 31.1	Mm.26859
145642	118212	AW537963	TC211306	null	Mm.102538
341171	280123	AW538017	null	null	Mm.4591
21117	50830	AW538058	TC200839	adrenomedullin precursor	Mm.1408
407743	1268159	AW538107	TC200391	endo B cytokeratin	Mm.22479
18208	17335	AW537978	TC164794	null	Mm.103497
8790	5654	AW538032	TC161098	null	Mm.41678
23713	35394	AW538069	TC184108	null	Mm.102543
43600	37233	AW538121	TC201778	null	Mm.32150
220588	128168	AW538875	null	null	Mm.28897
121723	138425	AW539112	null	null	null
105171	115978	AW539236	TC174366	mitochondrial inner membrane t	Mm.2368
2445205	2686450	AW539303	null	null	null
18891	9949	AW538975	TC176490	null	Mm.36726
0	0	null	null	null	null
344492	541854	AW539318	TC173740	proliferin, short variant	Mm.22777
15268	18634	AW542464	TC188374	treacle	Mm.2215
105805	79142	AW542939	TC161702	null	Mm.2325
16686	17676	AW543113	TC204577	TNF receptor associated factor	Mm.12898
53600	70361	AW543413	TC187589	null	Mm.30265
15772	24243	AW542890	TC203260	null	Mm.39995
52886	74450	AW542951	TC175144	Ets transcription factor	Mm.3963
0	0	AW543375	TC192762	null	Mm.102715
5875	7708	AW543444	null	null	null
28982	34913	AW538171	TC188364	null	Mm.2252
27229	23301	null	null	null	null
17068	20049	null	null	null	null
100267	132553	AW538340	TC161182	Pinin	Mm.22347
0	0	AW538181	TC202422	null	Mm.46006
0	0	AW538221	TC158537	adenylosuccinate lyase	Mm.38151
341705	607392	AW538293	TC189271	null	Mm.36693
9303	10521	AW538348	TC201791	null	Mm.41877
0	0	AW539358	TC157727	kinesin heavy chain	Mm.3380
15989	19971	AW539410	TC159908	null	Mm.4603
18991	24755	AW539474	TC160830	null	Mm.28101

128933	143063	AW539529	TC200864	null	Mm.41116
0	0	AW539365	TC188472	null	Mm.29563
42163	32434	null	null	null	null
0	0	AW539489	TC191237	null	Mm.38417
18252	24508	AW539543	TC188649	null	Mm.21128
18220	16071	AW543491	TC187021	null	Mm.4471
15767	15581	AW543639	null	null	null
97067	136184	AW543705	TC157880	null	Mm.2152
135004	216456	AW543776	TC158243	ribosomal protein	Mm.2235
14851	16607	AW543511	TC189950	null	Mm.28221
35234	55741	AW543662	TC188535	Pontin52	Mm.42195
114586	175407	AW543722	TC161157	null	Mm.27526
29652	31255	AW543790	TC187514	null	Mm.29356
531572	896676	AW544444	TC186467	insulinoma protein (rig)	Mm.643
7401	6534	AW544529	TC175110	null	Mm.73598
0	0	AW544599	TC191269	null	Mm.23125
0	0	null	null	null	null
133211	176333	AW544455	TC173507	null	Mm.28438
23213	54000	AW544543	TC159527	macrophage migration inhibitor	Mm.2326
58924	63146	AW544622	TC189797	null	Mm.103518
17913	15617	AW544696	TC192652	null	Mm.29238
61327	66789	AW545788	TC175337	null	Mm.28401
38994	45243	AW536151	TC159545	heat shock protein 65	Mm.1777
159624	249308	AW536095	TC159479	SCF complex protein Skp1	Mm.42944
130998	115382	AW536140	TC158172	heat shock-like protein	Mm.1843
41695	26190	AW545809	TC160325	CD98 heavy chain	Mm.4114
42208	59102	AW536067	TC173303	1-Cys peroxiredoxin	Mm.6587
16430	21544	AW536107	TC203087	null	Mm.90444
15027	28026	AW536154	TC161651	CTP synthetase	Mm.1815
49683	56733	AW536731	TC186841	null	Mm.24703
29138	50962	AW536773	TC160504	null	Mm.28203
230693	359944	AW536811	TC186454	histone H2A.Z	Mm.916
10322	10860	AW536847	TC160936	snRNP core Sm protein homolog	Mm.7312
382336	507874	AW536743	TC173252	translation repressor NAT1	Mm.525
0	0	null	null	null	null
384209	390424	AW536817	TC159831	null	Mm.90587
97709	118472	AW536856	TC186927	null	Mm.29076
94830	115214	AW544741	null	null	Mm.102759
71604	75617	AW544809	null	null	null
40182	17072	AW544862	TC187488	heat shock protein 105 kDa bet	Mm.34828
49059	53230	AW544924	TC173667	null	Mm.24789
367672	394985	AW544762	TC173366	null	Mm.22626
17548	22145	AW544822	TC202633	Thing1	Mm.4746
18020	21911	AW544871	null	null	Mm.102766
85321	107638	AW544944	TC184093	null	Mm.102770
66011	64386	AW536164	TC186892	null	Mm.29369
60295	69927	AW536192	TC187215	similar to human Sua1	Mm.29698
363655	359853	AW536223	TC202704	null	Mm.12187
45591	67652	AW536273	TC157715	mCDC46 protein	Mm.5048
41170	42509	AW536176	TC159079	null	Mm.89830
16881	8303	AW536198	TC173626	beta-N-acetylhexosaminidase	Mm.2284

106992	111492	AW536240	TC201137	null	Mm.21911
11376	27540	AW536278	TC175865	L-myc protein	Mm.1055
12805	13725	AW536898	TC160259	ATRX protein	Mm.10141
132861	167668	AW536943	TC202296	null	Mm.23982
51158	47337	AW536984	TC160611	null	Mm.29028
117850	161855	null	null	null	null
230515	420102	AW536904	null	null	Mm.5246
42414	48277	AW536960	TC160665	glypican-3	Mm.22515
59435	80729	AW537002	TC204115	null	Mm.82341
427586	147375	AW537044	TC202547	null	Mm.28994
129732	142235	AW544446	TC175161	null	Mm.28625
154253	199648	AW544531	null	null	null
84472	112879	AW544601	TC202343	disrupter of silencing SAS10	Mm.21181
23697	26934	AW544678	TC204871	null	Mm.102756
161249	255702	AW544468	TC160204	actin-related protein complex	Mm.30010
457994	504091	AW544549	TC188532	null	Mm.86454
474595	530165	AW544628	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
20939	24203	AW544699	TC188553	null	Mm.44223
115165	179651	AW545789	null	null	Mm.10508
12314	15640	AW536060	TC158347	nedd-1 protein	Mm.2998
43768	58499	AW536098	TC173815	null	Mm.4024
75720	140938	AW536141	TC160893	proteolipid protein 2	Mm.18565
18778	16118	AW545810	TC176104	p53BP2	Mm.35734
18794	26258	AW536068	TC187387	ribonucleotide reductase subun	Mm.656
5500	11473	AW536111	TC188439	null	Mm.34109
235420	274964	AW536155	TC199936	p68 RNA helicase	Mm.19101
65927	69385	AW536733	TC176637	null	Mm.33115
72389	117288	AW536776	TC160569	nucleolar RNA helicase II/Gu	Mm.25264
165703	270665	AW536811	TC186454	histone H2A.Z	Mm.916
50372	48576	AW536848	TC175827	null	Mm.40777
0	0	AW536744	TC202832	null	Mm.23711
0	0	AW536788	TC188309	null	Mm.37617
606896	669986	AW536817	TC159831	null	Mm.90587
60105	116465	AW536858	TC174861	null	Mm.12187
54170	30495	AW544751	TC161293	nucleoside diphosphatase (ER-U	Mm.10211
105335	237089	AW544811	TC157228	Metallothionein-I	Mm.2041
67004	84624	AW544864	TC173795	null	Mm.24855
48757	63640	AW544927	TC202205	null	Mm.9550
255482	305514	AW544765	null	null	Mm.102762
70438	50813	AW544829	TC161030	null	Mm.28664
31886	48374	AW544872	TC158373	null	Mm.35837
551823	543335	AW544945	null	null	Mm.102771
16164	32263	AW536165	TC201320	DNA polymerase gamma	Mm.3616
43269	51907	AW536193	TC175997	null	Mm.52786
22335	27585	AW536229	TC187371	null	Mm.28227
44740	56364	AW536274	TC158940	Sid6061p	Mm.25198
17847	22383	AW536200	TC186900	HS1-associating protein	Mm.7401
17991	18691	AW536241	TC173900	direct IAP binding protein wit	Mm.46716
0	0	AW536281	null	null	null
19966	25410	AW536901	TC187423	null	Mm.24625
289019	304426	AW536944	null	null	null

135229	86568	AW536987	TC202274	syntrophin-1	Mm.1541
543980	561282	AW537032	TC175869	nuclear protein ZAP	Mm.46674
23606	25337	AW536905	TC173967	thymopoietin alpha	Mm.27314
5387	7129	AW536961	TC159120	ep	Mm.89325
18507	17727	AW537005	TC160435	aortic carboxypeptidase-like p	Mm.35788
95398	210583	AW537045	TC200501	initiation factor 2-associated	Mm.19170
213751	238991	AW544447	TC201938	This gene includes jumping tra	Mm.13912
27260	39936	AW544533	TC200812	cytosolic thymidine kinase	Mm.2661
14142	17609	AW544610	TC157288	null	Mm.37611
359862	413735	AW544679	null	null	null
0	0	AW544469	TC163273	null	Mm.87500
15377	21556	AW544550	null	null	null
29175	30697	null	null	null	null
112459	56246	AW544700	TC162467	null	Mm.90390
23164	25056	AW545797	TC201952	null	Mm.22478
8983	7565	AW536062	TC176466	null	Mm.28478
17431	28299	AW536101	TC174867	phosphorylated adaptor for RNA	Mm.21244
74897	103425	AW536142	TC159888	null	Mm.21848
0	0	null	null	null	null
66233	45823	AW536069	TC187730	null	Mm.29735
47608	84523	AW536112	TC173712	modifier 2	Mm.28148
349340	437693	AW536155	TC199936	p68 RNA helicase	Mm.19101
562660	802194	AW536734	TC186580	null	Mm.5612
114689	126980	AW536779	TC201009	COP9 complex subunit 3	Mm.40
985024	700431	AW536813	TC202978	null	Mm.29123
47287	71929	AW536849	TC200584	cyclin B1	Mm.22569
26255	29663	AW536746	TC160955	null	Mm.66254
39459	46750	AW536789	TC190256	null	Mm.103531
625695	725583	AW536817	TC159831	null	Mm.90587
635625	851632	AW536861	TC160556	null	Mm.18810
151908	169956	AW544755	null	null	null
39561	62310	AW544813	TC158427	null	Mm.28488
21028	34237	AW544865	TC158523	null	Mm.34311
18568	17300	AW544929	TC180636	null	Mm.102768
76771	106735	AW544771	TC157360	null	Mm.104592
85480	89804	AW544830	TC161365	null	Mm.27569
26971	38054	AW544876	TC187056	null	Mm.30001
96704	102390	AW544947	TC177267	null	Mm.6493
6856	18712	AW536166	TC157342	ajuba; jub	Mm.100253
0	0	AW536194	TC188097	null	Mm.28576
16730	20320	AW536233	TC173357	null	Mm.7091
0	0	AW536275	TC179096	null	Mm.40482
512838	460594	null	null	null	null
267318	386010	AW536204	TC159865	X16	Mm.6787
131501	156807	AW536243	null	null	null
15041	25530	AW536282	TC199433	null	Mm.102499
1205416	2299906	AW536904	null	null	Mm.5246
70305	83105	AW536945	TC187826	null	Mm.28414
36792	37477	AW536993	TC159903	null	Mm.30245
45656	120568	AW537036	TC175249	Dutt1 protein	Mm.20832
123295	174897	AW536906	TC173455	Bach2	Mm.21908

190294	225758	AW536963	TC187335	null	Mm.19352
59787	74297	AW537006	TC200562	adaptor protein	Mm.24640
232129	402065	AW537048	TC174134	ets2 protein	Mm.22365
187493	200936	AW544448	null	null	null
216723	215048	AW544535	TC174104	null	Mm.30028
0	0	AW544613	null	null	null
10998	10924	AW544685	null	null	null
242373	263068	AW544487	TC188201	null	Mm.29974
126170	130442	AW544551	TC173354	prohibitin or B-cell receptor	Mm.2355
59732	67894	AW544630	TC174664	null	Mm.28200
90674	77532	AW544704	TC174241	null	Mm.29213
12324	15482	AW545798	TC201807	null	Mm.1585
15159	19920	null	null	null	null
27767	35153	AW536103	TC189390	null	Mm.38473
162904	262434	AW536143	TC186471	t-complex polypeptide 1A	Mm.6797
9089	12183	AW545817	TC174170	folylpolyglutamate synthetase	Mm.3830
59402	67327	AW536071	null	null	null
34161	52482	AW536113	TC161121	null	Mm.22162
64943	58499	AW536156	null	null	null
20713	28575	AW536738	TC200308	BTEB-1 transcription factor	Mm.19788
16630	28198	AW536780	TC187839	SRG3	Mm.1050
7570	5559	AW536814	TC160438	MECA39	Mm.4606
16720	20066	AW536852	TC174357	focal adhesion kinase	Mm.29674
74621	83151	AW536750	TC158284	vacuolar H(+)-ATPase	Mm.30155
16889	18804	AW536790	TC189426	null	Mm.27793
50294	79878	AW536822	TC188221	null	Mm.27389
5165	4178	AW536862	TC166413	zinc finger protein; Method:	Mm.30405
10005	19763	AW544758	TC177707	null	Mm.45205
22942	24742	AW544817	TC177358	null	Mm.37291
0	0	AW544868	TC162166	null	Mm.20805
390043	416968	AW544934	TC173224	basigin	Mm.726
67980	75042	AW544772	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
119712	91333	AW544952	TC174382	TBPIP	Mm.628
12430	16183	AW536168	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
138229	119619	AW536195	TC186490	null	Mm.16783
41260	65799	AW536234	TC200522	p34 cdc2 kinase	Mm.4761
1946695	1704543	null	null	null	null
17744	18795	AW536177	TC173728	putative tripeptidyl peptidase	Mm.20837
29286	35568	AW536205	TC162863	null	Mm.63496
75480	92998	AW536246	TC174985	null	Mm.86653
160115	171744	AW536284	null	null	null
371409	666758	AW536904	null	null	Mm.5246
113725	109692	AW536947	TC200346	null	Mm.21652
196800	257078	AW536994	TC173153	PR65	Mm.1034
283798	360898	AW537039	TC188835	null	Mm.29783
29683	35983	AW536908	TC159000	similar to Drosophila ash2	Mm.102514
26693	34405	AW536965	TC162417	null	Mm.44250
89561	96309	AW537007	TC161015	null	Mm.34257
214355	336738	AW537050	TC174248	null	Mm.29906

946514	879947	null	null	null
375394	414479	AW544538	TC202382	null
2521871	1683613	AW544616	TC158260	null
293739	322061	AW544687	TC162453	phosphomannomutase
632255	781727	AW544499	TC161117	SKD1
309807	556456	AW544553	TC191510	null
10284	12940	AW544632	TC191093	EPCS50
140280	149378	AW544705	TC161760	null
227912	200776	AW545801	TC161002	Grb3-3
130154	130860	AW536065	TC201465	null
0	0	AW536104	TC202451	null
57260	80214	AW536152	TC158941	null
32902	34817	AW545818	TC163404	null
83028	100966	AW536073	TC159044	null
446484	306607	AW536115	null	null
168629	262352	AW536740	TC200574	16 kDA protein
194616	201340	AW536784	TC187034	null
120627	73381	AW536815	TC159509	Uridine Phosphorylase
5194	11579	AW536854	TC200407	U5-116kD
95628	107687	AW536750	TC158284	vacuolar H(+)-ATPase
36958	45408	AW536792	TC175158	null
3225	2814	AW536823	TC213095	null
22601	47456	AW536863	TC160811	Ku autoantigen
46636	57211	AW544759	TC207231	null
29759	32220	AW544818	null	null
166125	419693	null	null	null
73359	108673	AW544935	TC175822	N-RAP
47460	50073	AW544776	TC187050	null
191682	211702	AW544831	TC202849	null
140142	144252	AW544881	null	null
71851	80819	AW544953	TC178805	null
63548	51480	AW536169	TC159707	SPARC (aa 1-302)
17208	18069	AW536196	null	null
42284	31093	AW536238	TC160036	embigin precursor
29993	50186	AW536276	TC190863	null
167884	190041	AW536178	TC160164	ribonucleotide reductase subun
25486	22667	AW536206	TC158172	heat shock-like protein
151861	260980	AW536248	TC161556	null
183782	146782	AW536285	TC201772	null
64945	85064	AW536904	null	null
118083	180347	AW536955	TC174780	null
77567	90211	AW536995	null	null
44798	54390	AW537040	TC190917	null
89283	166353	AW536910	TC190883	null
30556	39348	AW536966	TC173757	SYNCRIP
371609	673211	AW537010	TC200870	thyrotroph embryonic factor
0	0	AW537051	TC173942	null
739301	686255	AW544452	null	null
252231	252603	AW544540	null	null
24753	22272	AW544617	TC160724	null
12162	20693	AW544689	TC157710	unnamed protein product
				Mm.20722
				Mm.38994
				Mm.9699
				Mm.18705
				Mm.102752
				Mm.102754
				Mm.28465
				Mm.6900
				Mm.22029
				Mm.38749
				Mm.21452
				Mm.21228
				Mm.30932
				Mm.10406
				Mm.4877
				Mm.27394
				Mm.4610
				Mm.6923
				Mm.30155
				Mm.28916
				null
				Mm.2627
				Mm.102761
				Mm.22660
				null
				Mm.6384
				Mm.27761
				Mm.86644
				Mm.4008
				Mm.102772
				Mm.35439
				null
				Mm.89123
				Mm.30908
				Mm.99
				Mm.1843
				Mm.30658
				Mm.13437
				Mm.5246
				Mm.46554
				null
				Mm.1806
				Mm.65115
				Mm.27972
				Mm.19258
				Mm.23966
				null
				Mm.70545
				Mm.39472
				Mm.21514

45764	63302	AW544501	TC174192	heme oxygenase (AA 1-289)	Mm.17980
31383	36570	AW544555	TC200375	GTP-binding protein	Mm.6698
146919	118961	AW544638	null	null	Mm.102755
42208	43023	AW544707	TC200352	null	Mm.2184
27602	46259	null	null	null	null
5773	4487	AW536066	TC164282	null	Mm.5492
37130	35606	AW536106	TC187481	SH3P7	Mm.27622
440421	174217	AW536153	TC176396	microsomal triglyceride transf	Mm.2941
6842	4326	AW545819	TC190409	null	Mm.34198
13536	15397	AW536074	TC162639	null	Mm.9984
12111	18693	AW536118	TC200586	topoisomerase III beta	Mm.20915
556002	415899	null	null	null	null
1037058	1367689	AW536743	TC173252	translation repressor NAT1	Mm.525
151239	154050	AW536786	TC161979	null	Mm.33819
52008	75947	AW536816	TC158261	null	Mm.38994
20868	28018	AW536855	TC174254	null	Mm.3051
19460	15390	null	null	null	null
176859	235172	AW536795	TC160086	protein kinase	Mm.1761
49266	55559	AW536826	TC187222	null	Mm.28961
9836	12440	AW536864	TC187981	MyD116 protein (AA 1-657)	Mm.4048
33544	38437	AW544761	null	null	null
536405	832974	AW544819	TC187831	serine/threonine protein kinas	Mm.6645
0	0	null	null	null	null
479094	668961	AW544940	null	null	null
352708	303692	AW544777	TC188772	null	Mm.30012
37052	40116	AW544835	null	null	Mm.102764
100175	81169	AW544883	TC162274	growth factor regulated calciu	Mm.36248
18233	26855	AW544955	TC184095	null	Mm.102773
233793	266269	AW536175	TC200578	alcohol dehydrogenase-B2	Mm.3874
25970	51043	AW536197	TC173629	Tera	Mm.18637
30627	48149	AW536239	TC162129	null	Mm.24685
39397	51036	AW536277	TC176953	null	Mm.32505
81243	115249	AW536179	TC189303	null	Mm.30927
233578	245014	AW536207	TC186465	null	Mm.21840
42215	65226	AW536253	TC203232	monocarboxylate transporter 4	Mm.28632
26695	25740	AW536289	TC176002	null	Mm.38245
514163	912270	AW536904	null	null	Mm.5246
399237	350555	AW536959	TC200776	null	Mm.29296
220693	280300	AW537000	TC203352	null	Mm.72009
43496	51696	AW537042	TC203574	null	Mm.46620
0	0	AW536911	TC173144	CD97 antigen	Mm.28222
6796	11419	AW536967	TC176239	enhancer-trap-locus-1	Mm.3764
274158	350982	AW537011	TC200661	null	Mm.21932
35454	43741	AW537053	TC202016	null	Mm.100210
0	0	null	null	null	null
198580	225120	AW537584	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
0	0	AW537640	TC159424	tissue inhibitor of metallopro	Mm.4871
16782	22540	AW537679	TC201776	null	Mm.44151
11329	9440	AW537526	TC200549	null	Mm.23014
0	0	AW537596	TC162405	null	Mm.28233
15648	22434	AW537649	TC173096	GAMM1 protein	Mm.29506

17301	31879	AW537736	TC190467	null	Mm.11095
30590	37183	C76826	TC187355	[Mouse primary response gene B	Mm.4348
207135	345289	C76908	TC180362	null	null
120211	140880	C76978	TC205273	null	Mm.24301
0	0	C77056	TC161009	disabled 2 interacting protein	Mm.6370
0	0	C76840	null	null	null
0	0	C76923	TC212588	null	Mm.24933
0	0	C76992	null	null	null
0	0	C77080	TC175594	null	Mm.22929
11999	17265	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
9367	9257	C78128	null	null	null
744195	579580	C78231	null	null	Mm.29590
43309	56743	C78321	null	null	Mm.88704
46731	52984	AW537777	TC174271	translocase of inner mitochond	Mm.24565
240533	184817	AW537821	TC200194	cytochrome c	Mm.35389
0	0	AW537731	TC158615	null	Mm.100791
3730	3760	C76013	TC201589	null	Mm.31946
32561	37238	AW537791	TC173099	non-erythrocyte beta spectrin	Mm.3914
86480	85375	AW537692	TC160779	null	Mm.21396
19769	23893	C75957	TC178225	null	Mm.6358
11643	10183	C76046	null	null	null
0	0	C77119	null	null	null
0	0	C77215	TC191587	null	null
0	0	C77296	null	null	Mm.24941
5618	8526	C77370	null	null	Mm.24953
126845	76179	C77135	TC185632	null	null
339353	527110	C77236	null	null	Mm.5591
50434	54281	C77314	TC179010	null	Mm.24936
0	0	C77396	null	null	null
63434	58952	C78388	TC161579	null	Mm.27809
35848	36256	C78454	TC161570	null	Mm.24095
7479	9167	C78520	null	null	null
32962	43353	C78587	null	null	null
11471	9147	C78403	null	null	Mm.24990
13864	14789	C78475	null	null	null
45649	39857	C78532	null	null	Mm.5715
81601	133456	C78610	TC173398	synexin	Mm.20794
110632	166506	AW537514	null	null	Mm.102527
26374	20501	AW537586	TC200835	ATP-dependent RNA helicase	Mm.3935
17718	21565	AW537641	TC173813	null	Mm.28536
9767	10121	AW537682	TC186889	null	Mm.29369
7076	7937	AW537527	TC186776	null	Mm.18579
30143	28377	AW537599	TC160917	ponsin-1	Mm.29030
45111	51269	AW537650	TC201475	null	Mm.46521
12984	8227	AW537739	TC190578	null	Mm.93266
1137419	2177055	C76830	TC158271	ribosomal protein S26	Mm.372
30171	55753	C76909	TC203230	null	null

49691	48793	C76979	null	null	null
74041	50172	C77057	TC181037	null	Mm.76756
139078	185525	C76846	TC161850	null	Mm.23842
43240	47522	C76924	null	null	Mm.34931
0	0	C76998	TC178050	null	Mm.101735
0	0	C77082	TC165069	null	Mm.14225
17921	24770	C78042	null	null	null
339222	369276	C78110	TC160279	proteasome subunit C9	Mm.30270
52017	61143	C78200	null	null	null
0	0	C78300	null	null	null
24994	31435	C78062	TC173399	unnamed protein product	Mm.831
17089	24228	C78131	TC202691	null	Mm.24984
228297	239261	C78236	TC160909	SH3P2	Mm.4165
47776	61182	C78324	null	null	null
20607	27046	AW537781	TC206114	null	Mm.37758
72461	82011	AW537824	TC186993	null	Mm.41743
63673	71869	C76020	null	null	Mm.42670
295030	240086	AW537792	TC158850	glucose-regulated protein 78	Mm.918
195487	203242	AW537693	null	null	null
89663	94122	C75959	TC163194	null	Mm.14008
20111	20293	C76047	TC174909	corticosteroid-binding globuli	Mm.2874
17367	25353	C77120	null	null	null
0	0	C77218	null	null	null
0	0	C77298	null	null	null
8200	6298	C77371	null	null	null
9657	7253	C77137	null	null	Mm.44016
32183	33002	C77241	null	null	null
574171	514238	C77316	TC174455	null	Mm.29107
14556	15514	C77400	null	null	null
11674	16857	C78393	TC180067	null	Mm.88597
91365	102547	C78462	null	null	null
0	0	C78523	TC202776	intermediate filament protein	Mm.23742
0	0	C78591	null	null	null
18241	26636	C78405	null	null	null
244282	382389	C78478	null	null	null
9635	13846	C78534	TC208338	null	null
267649	317602	C78611	TC160426	null	Mm.22086
4849	8044	AW537516	TC175738	transmembrane receptor	Mm.33495
16612	17898	AW537587	TC172589	null	null
20667	27394	AW537642	TC189015	null	Mm.41394
0	0	AW537683	TC175872	null	Mm.41577
0	0	AW537528	null	null	null
5883	6327	AW537603	TC173892	putative intracellular signali	Mm.27063
0	0	AW537651	TC164523	null	Mm.87242
14024	18790	AW537740	null	null	null
23837	25153	C76834	null	null	null
34840	38585	C76913	null	null	null
17040	28823	C76981	TC202291	null	Mm.6419
32741	40673	C77058	TC169328	null	null
159684	122718	C76851	TC174000	null	Mm.24222
28091	35532	C76938	null	null	null

154434	306084	C77000	TC158395	null	Mm.28726
9729	12822	C77084	null	null	null
131972	124638	C78044	null	null	null
30007	37341	C78115	null	null	null
14799	15775	C78205	null	null	null
46119	73146	C78303	TC189208	null	Mm.27493
22380	28291	C78063	null	null	null
301941	280315	C78132	TC201709	null	Mm.22121
103861	108765	C78242	null	null	Mm.34937
21036	18714	C78326	null	null	null
389328	527564	AW537784	TC159791	null	Mm.28692
20625	35791	AW537825	TC178451	null	Mm.45408
24513	26496	C75945	null	null	null
14333	19668	C76023	null	null	null
32992	48752	AW537793	TC174494	PMP34 protein	Mm.306
122612	158001	AW537694	TC186878	null	Mm.12110
39775	33336	C75962	null	null	Mm.3953
8583	4752	C76049	TC189263	null	Mm.25296
9034	14312	C77123	null	null	null
28307	32939	C77223	TC201212	RNA polymerase II largest subu	Mm.16533
0	0	C77302	null	null	null
0	0	C77373	TC193691	null	Mm.34933
17657	19528	C77144	null	null	Mm.5580
1475890	2571744	C77246	null	null	null
28059	45905	C77319	TC169538	null	null
7201	10671	C77401	null	null	null
58923	59070	C78395	TC159004	Ap-3 complex beta3A subunit	Mm.21185
0	0	C78467	null	null	null
89042	116369	C78524	null	null	null
6147	7575	C78602	null	null	null
14915	16775	C78409	null	null	null
255516	421508	C78481	TC186862	centrosomin B	Mm.2238
151223	168998	C78535	null	null	Mm.24993
5612	8406	C78616	null	null	Mm.5725
0	0	AW537519	TC190589	null	Mm.24869
0	0	AW537590	null	null	null
6589	11174	AW537645	TC202036	RNA polymerase I largest subun	Mm.7387
15843	19033	AW537685	TC187798	null	Mm.29795
24703	42544	AW537534	TC188102	null	Mm.27685
91386	115203	AW537604	TC187127	FK-506 binding protein homolog	Mm.6565
266633	307951	AW537654	TC173698	null	Mm.2573
53221	58412	AW537744	TC203216	protein inhibitor of activated	Mm.38869
54532	24847	C76835	TC157433	null	Mm.87684
65202	96731	C76985	null	null	null
95491	50714	C77059	TC201710	prolidase	Mm.69751
381605	324914	C76855	TC187519	golgi SNARE	Mm.22114
61454	75993	C76940	TC205896	null	Mm.24932
83777	119215	C77009	null	null	Mm.27511
0	0	C77086	null	null	Mm.24935
70083	70403	C78046	TC160083	null	Mm.22559
40791	84738	C78116	TC175516	null	Mm.21619

54579	61714	C78211	TC179909	null	Mm.24810
175808	249750	C78312	TC157633	Seryl-RS	Mm.28688
24804	42953	C78065	TC186921	null	Mm.28239
0	0	C78135	null	null	null
66754	79075	C78248	null	null	Mm.24989
6684	8508	C78330	TC170327	null	Mm.26195
9811	10260	AW537786	null	null	null
0	0	AW537827	TC177378	null	Mm.81940
65669	90799	C75946	TC157728	kinesin heavy chain	Mm.3380
27028	22845	C76031	TC176287	null	Mm.26002
29731	34084	AW537794	TC161252	null	Mm.36291
165835	296372	AW537695	TC187362	HMG-CoA reductase	Mm.2226
83869	95178	C75966	TC199953	null	Mm.25154
0	0	C76056	null	null	null
31091	37032	C77127	TC175131	null	Mm.29667
71924	105954	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
14946	15016	C77320	null	null	null
23102	37737	C77402	TC201014	CD84 leukocyte antigen	Mm.21882
50070	48762	C78398	TC173807	APRT	Mm.1786
486925	510668	C78472	null	null	Mm.34497
384829	369230	C78525	TC160242	null	Mm.4859
11801	12492	C78606	TC191378	null	Mm.22979
26616	12275	C78412	TC176223	null	Mm.7326
41346	47024	C78482	null	null	Mm.5710
4883	4759	C78537	null	null	null
37482	28440	C78618	TC204640	null	Mm.23467
0	0	AW537520	TC201517	null	Mm.2455
75004	78208	AW537594	TC173260	null	Mm.28219
87464	108506	AW537646	TC186432	beta-catenin	Mm.3476
60580	54128	AW537687	TC189318	general transcription factor I	Mm.28619
0	0	AW537539	null	null	Mm.14244
14924	24540	AW537606	TC202924	myosin X	Mm.60590
193489	214230	AW537655	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
51924	54504	AW537746	TC161381	null	Mm.22602
5605	6492	C76838	null	null	null
75157	85897	C76921	TC167061	null	Mm.5548
24706	25770	C76986	null	null	null
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208106	213977	C76856	TC161951	null	Mm.4948
138065	225467	C76941	TC187073	null	Mm.15701
96465	106060	C77010	null	null	null
14339	13750	C77087	TC175139	null	Mm.104399
17287	15396	C78048	TC204651	regulator of G-protein signali	Mm.13264
36441	40841	C78125	TC192735	null	Mm.74666
8765	12350	C78226	null	null	null
24587	29905	C78316	TC159019	null	Mm.35829
10516	15165	C78067	TC180303	null	Mm.5674
21376	23446	C78137	null	null	Mm.16861

41202	42723	C78249	TC202435	null	Mm.5697
21901	42852	C78332	null	null	null
12064	23694	AW537787	TC160575	null	Mm.29253
132786	168584	AW537689	TC173559	null	Mm.30068
213004	227763	C76034	null	null	null
431226	547293	AW537796	TC174413	U2-snRNP-specific b"	Mm.1323
69654	67987	AW537697	TC189079	null	Mm.41767
35331	37763	C75967	TC167005	null	Mm.21137
22661	17643	C76058	null	null	null
118239	219035	C77131	TC180174	null	Mm.16959
309965	361737	C77229	TC201018	null	Mm.21882
33458	44499	C77308	null	null	null
10573	17275	C77383	null	null	Mm.43952
58322	70647	C77156	null	null	null
145447	129911	C77253	TC162322	null	Mm.24304
137195	170162	C77327	null	null	null
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34168	35242	C78473	TC189369	null	Mm.46573
463985	433269	C78526	null	null	null
53406	47718	C78607	TC193756	null	Mm.24796
28015	36261	C78413	TC158365	null	Mm.21714
64742	105714	C78483	null	null	Mm.16317
154075	234527	C78542	TC193175	null	Mm.43660
90095	75110	C78620	TC173559	null	Mm.30068
11350	13515	AW537521	TC160782	lysophosphatidic acid phosphat	Mm.28950
33035	35266	AW537595	TC160108	null	Mm.29572
35080	33523	AW537647	TC172592	null	null
63550	71521	AW537735	TC200767	apg-2	Mm.1032
38797	36165	AW537542	null	null	null
6088	10023	AW537613	TC159576	cytoplasmic protein Ndr1	Mm.4063
0	0	AW537657	TC174054	null	Mm.30158
0	0	AW537750	TC202288	null	Mm.3235
0	0	C76839	TC193882	null	null
14174	18169	C76922	TC163709	null	Mm.21783
11242	6172	C76988	null	null	Mm.24929
17445	19917	C77078	TC200806	endophilin II	Mm.1773
18826	16724	C76858	TC190492	null	Mm.24925
9997	10561	C76944	null	null	null
28764	32557	C77011	null	null	null
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13859	18607	C78228	null	null	Mm.5692
7577	8079	C78319	null	null	null
14260	11676	C78068	null	null	null
50916	71384	C78141	TC192702	null	Mm.24762
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19762	23367	C78334	null	null	Mm.5703
55558	80575	AW537790	TC200652	null	Mm.12267
184776	177084	AW537690	null	null	Mm.102534

68316	67427	C75952	TC206304	null	Mm.28251
41929	41910	C76038	null	null	Mm.28222
356394	357313	AW537798	TC173133	glucose-6-phosphate dehydrogen	Mm.27210
0	0	AW537702	null	null	null
331633	558224	C75970	TC187096	phosphatase 2A catalytic subun	Mm.7418
51651	57167	C76063	null	null	Mm.24888
65481	41333	C77132	TC201765	alpha-adaptin C	Mm.14555
0	0	C77235	null	null	null
0	0	C77313	TC189765	null	Mm.35664
18784	19907	C77387	TC176037	null	Mm.103946
0	0	C77158	null	null	null
109149	90848	C77256	TC188772	null	Mm.41640
0	0	C77329	TC160434	null	Mm.28397
735621	844299	C77408	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
170304	252089	C78402	TC160672	null	Mm.28618
113863	135031	C78474	TC162089	hydroxymethyltransferase	Mm.34759
34508	55296	C78528	TC189433	nuclear phosphoprotein	Mm.3953
184504	186562	C78609	TC157219	null	Mm.13427
57418	79656	C78421	TC201354	11-zinc-finger transcription f	Mm.493
1411718	2210821	C78484	TC159432	put. eEF-TU (aa 1-94)	Mm.16317
31657	36493	C78549	TC212788	null	Mm.5718
6663	9125	C78624	null	null	null
6219	7998	C79169	null	null	null
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0	0	C79392	null	null	null
0	0	C79179	null	null	Mm.25014
0	0	C79246	null	null	Mm.43925
0	0	C79329	null	null	Mm.25029
20386	26755	C79420	TC188346	null	Mm.24671
0	0	C80375	null	null	null
0	0	C80444	TC202148	null	Mm.5949
0	0	C80567	null	null	null
0	0	C80654	null	null	null
4245	6403	C80392	TC173399	unnamed protein product	Mm.831
15302	17212	C80485	TC188234	zinc finger RNA binding protei	Mm.21515
0	0	C80583	null	null	null
21897	31492	C80672	TC201546	null	Mm.34798
15712	19201	C85250	null	null	null
5006	9927	C85327	null	null	Mm.42850
34296	37555	C85409	null	null	null
0	0	C85486	TC190652	null	Mm.7738
43763	67327	C85275	TC173841	poly(A) binding protein II	Mm.7723
0	0	C85341	TC162268	phosphatidylcholine-specific p	Mm.2538
49925	47935	C85429	TC203153	null	null
8211	9266	C85499	TC174894	null	Mm.25808
0	0	C79473	null	null	null
0	0	C79547	null	null	null
0	0	C79610	null	null	Mm.90057
16819	22302	C79683	TC205520	null	Mm.45239
0	0	C79490	null	null	Mm.13300

0	0	C79559	null	null	null
12941	12347	C79630	null	null	Mm.23876
11017	10686	C79702	null	null	null
25065	32743	C80733	TC174411	cYKi2	Mm.31530
0	0	C80852	TC192504	null	Mm.24840
26049	34324	C81050	null	null	null
0	0	C80763	null	null	null
55266	89338	C80870	TC170316	null	null
36769	47498	C80967	TC202003	null	Mm.20559
12743	15630	C81070	null	null	null
34616	37431	C85564	TC194768	null	null
6188	4956	C85667	TC211027	null	null
11361	12530	C85743	null	null	Mm.25395
62522	62753	C85810	TC163149	MDM2-like p53-binding protein	Mm.25403
0	0	C85576	null	null	null
25015	23204	C85699	null	null	null
0	0	C85762	null	null	Mm.7754
0	0	C85835	TC204005	null	Mm.9615
19459	21517	C79170	TC200570	IQ motif containing GTPase act	Mm.56685
0	0	C79230	null	null	null
6496	5621	C79307	null	null	Mm.25025
8155	6878	C79394	TC192758	null	Mm.5829
0	0	C79250	null	null	null
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807604	732267	C80446	TC183081	null	Mm.97383
12184	17475	C80570	TC201546	null	Mm.29066
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11887	10002	C80398	TC200133	A10	Mm.16898
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49328	52887	C80674	TC188165	null	Mm.27963
9809	6209	C85252	TC175812	secretogranin III	Mm.2386
0	0	C85328	null	null	null
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30738	31579	C85277	TC202172	null	Mm.41347
32826	24521	C85344	TC202289	null	Mm.9934
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33468	37203	C85503	TC177465	null	Mm.9595
78943	50359	C79476	null	null	null
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15069	15547	C85702	TC157644	coproporphyrinogen oxidase	Mm.35820
6199	16052	C85766	TC175385	null	Mm.44208
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12702	12097	C79172	TC189520	casein kinase II alpha subunit	Mm.23692
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7929	11367	C79309	null	null	Mm.88235
47576	64678	C79397	TC202377	null	Mm.24765
12261	12884	C79184	TC173335	pendulin	Mm.12508
0	0	C79256	null	null	null
4994	2922	C79334	TC190518	muscle-specific basic helix-lo	Mm.5820
4367	8371	C79426	null	null	null
12145	4039	C80380	null	null	Mm.25070
0	0	C80470	null	null	null
0	0	C80571	null	null	null
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28886	31410	C80494	null	null	Mm.5953
6115	12717	C80586	TC186637	ryudocan core protein	Mm.3815
150462	282700	C80676	TC158866	ribosomal protein L37a	Mm.21529
13591	16151	C85257	null	null	null
115576	138319	C85330	TC174008	aldolase C	Mm.7729
13957	15144	C85414	TC177054	null	Mm.25382
7411	7235	C85491	null	null	null
22886	27676	C85283	TC163421	null	Mm.23828
109140	82337	C85347	null	null	null
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0	0	C85504	null	null	null
17632	24169	C79479	TC161229	cartilage-associated protein (Mm.20904
9252	19319	C79552	null	null	null
2800	6270	C79617	null	null	null
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0	0	C79506	null	null	null
28286	38293	C79567	TC175651	null	null
33671	38019	C79636	null	null	null
0	0	C79705	TC185677	null	Mm.25046
26784	32694	C80749	TC190678	null	Mm.5980
0	0	C80861	null	null	null
0	0	C80954	null	null	null
0	0	C81058	TC163763	null	Mm.25097
15340	20826	C80786	TC189061	null	Mm.28900

41249	47342	C80874	TC173324	null	Mm.22470
43313	69420	C80972	TC188729	null	Mm.1654
9508	13034	C81076	TC162341	inter-alpha-inhibitor H1 chain	Mm.3227
34919	46757	C85569	null	null	null
20589	23767	C85681	null	null	null
0	0	C85813	null	null	null
0	0	C85582	TC174655	null	Mm.2077
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0	0	C79174	null	null	Mm.5796
11261	13055	C79240	null	null	null
0	0	C79310	TC212613	null	Mm.25026
16800	21267	C79409	null	null	null
95860	97534	C79185	TC157651	precursor Apoprotein A-I	Mm.87235
6565	6941	C79259	null	null	null
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87786	97575	C79433	TC203902	null	Mm.21144
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7756	12014	C80473	null	null	null
9842	12771	C80576	null	null	null
67147	43407	C80662	TC159923	small EDRK-rich factor 2	null
0	0	C80405	null	null	Mm.45194
35796	53077	C80501	TC187682	null	Mm.29762
7814	9714	C80587	TC157257	null	Mm.45744
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13327	9519	C85263	null	null	Mm.10137
4189	3763	C85331	TC162030	null	Mm.25189
0	0	C85422	null	null	Mm.16929
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0	0	C85284	TC191500	null	Mm.31278
0	0	C85351	null	null	null
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0	0	C79556	null	null	null
0	0	C79626	TC203517	null	Mm.21231
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9529	10938	C79644	null	null	null
7664	8818	C79706	null	null	null
12701	17561	C80751	null	null	null
29126	47101	C80862	TC186505	null	Mm.21802
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22598	30045	C80875	null	null	null
28811	47989	C80973	null	null	null
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704698	406117	C85570	TC200060	malate dehydrogenase	Mm.3156

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0	0	C85821	null	null	null
20176	21416	C85589	TC190216	null	Mm.37581
85115	89288	C85706	null	null	Mm.7747
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67321	71050	C79186	TC192631	null	null
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43574	35621	C80663	null	null	null
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9856	14519	C80595	TC176529	null	Mm.7463
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32444	41018	C85334	TC162381	null	Mm.28819
32727	27334	C85424	TC165657	null	Mm.44724
0	0	C85493	null	null	null
14826	14042	C85285	TC192666	null	Mm.21523
32057	39765	C85352	TC162126	null	Mm.41797
4098	5914	C85434	null	null	Mm.9591
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33198	38825	C79482	null	null	Mm.1249
24892	27294	C79557	null	null	null
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0	0	C79696	null	null	null
42046	60402	C79508	null	null	Mm.25048
86445	68809	C79579	null	null	null
127590	197861	C79645	TC202000	null	Mm.25042
28017	30138	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
15220	38740	C80806	null	null	null
15261	16481	C80877	TC201015	null	Mm.5902
0	0	C80976	null	null	Mm.9086
16166	15232	C81078	TC189227	null	Mm.24021
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14615	23135	C85695	TC187563	null	null
41468	56168	C85760	TC194876	null	null
71566	67471	C85829	TC203648	null	Mm.25396

51441	66693	C85590	TC177796	null	Mm.38628
1644666	2591424	C85709	TC186693	null	Mm.6072
27206	53609	C85771	null	null	null
107960	113066	C85845	TC175847	ganglioside-induced differenti	Mm.18218
190647	223575	C79177	TC173905	glutathione reductase	Mm.20288
16644	14475	C79245	null	null	Mm.34942
175881	174524	C79324	TC159619	pyruvate dehydrogenase	Mm.34775
0	0	C79187	null	null	Mm.30098
0	0	C79267	TC204476	null	Mm.31342
8713	8535	C79341	TC174458	null	Mm.25149
3390	5116	C79444	TC191480	null	Mm.103402
17902	12041	C80388	TC197082	null	Mm.29838
0	0	C80479	null	null	null
19189	22825	C80582	null	null	null
23996	26550	C80667	TC174733	null	Mm.30008
6944	7613	C80407	null	null	null
0	0	C80506	TC188907	null	Mm.22765
0	0	C80597	null	null	null
55306	93212	C80679	TC200384	C7-1 protein	Mm.21961
8584	13503	C85272	TC190635	null	Mm.28763
910959	724066	C85340	null	null	Mm.7730
13877	23565	C85427	TC200955	unknown	Mm.21268
4793	8092	C85496	TC162494	null	Mm.21078
20478	25520	C85287	TC175108	null	Mm.25305
164056	53361	C85356	TC191042	null	null
6752	6170	C85440	TC163485	null	Mm.24827
0	0	C85511	null	null	Mm.100171
0	0	C79489	null	null	null
37405	32552	C79558	null	null	Mm.25040
196038	172632	C79628	TC174147	PA28 alpha subunit	Mm.830
0	0	C79697	TC200133	A10	Mm.16898
0	0	C79512	null	null	null
48786	66632	C79581	TC187288	null	Mm.28687
23116	23119	C79646	null	null	null
23073	49525	C79711	null	null	Mm.22482
0	0	C80759	TC157271	null	Mm.31137
0	0	C80869	null	null	null
45176	48232	C80966	TC173792	small zinc finger-like protein	Mm.30718
15412	25391	C81065	TC174684	spermidine synthase	Mm.10
13144	37839	C80807	TC201356	zeta-crystallin/quinone reduct	Mm.3534
0	0	C80893	null	null	null
44848	45698	C80983	TC187847	null	Mm.24110
7802	10571	C81080	TC189486	null	Mm.27779
24035	25007	C85572	TC190663	null	Mm.9598
41181	36692	C85697	null	null	Mm.42371
0	0	C85761	TC166400	null	Mm.25480
50383	40468	C85831	TC192515	null	null
0	0	C85598	null	null	null
33023	9528	C85710	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
36293	28298	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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12004	12755	C86509	null	null	null
7845	5271	C86579	TC190562	null	Mm.25486
84110	85809	C86632	TC161282	I-TRAF	Mm.1803
0	0	C86748	TC160553	transforming growth factor-be	Mm.18213
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0	0	C87807	null	null	null
0	0	C87890	null	null	null
0	0	C87987	null	null	Mm.25522
145942	225068	C87743	null	null	Mm.103740
0	0	C87834	null	null	null
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0	0	AU022373	null	null	null
0	0	AU022430	null	null	Mm.11845
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0	0	AU022323	null	null	null
19813	17795	AU022383	null	null	null
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0	0	AU022493	null	null	null
0	0	C86809	null	null	null
41435	38311	C86882	TC190192	null	Mm.12054
159699	197491	C86972	TC173360	null	Mm.29864
18820	13021	C87036	TC174419	null	Mm.25308
4744	11287	C86826	null	null	Mm.27884
18228	21027	C86911	null	null	Mm.104460
69939	67198	C86984	TC189582	null	Mm.42850
0	0	C87044	null	null	null
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0	0	C88146	null	null	null
20337	19831	C88212	TC195179	null	null
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35845	37730	C88161	TC178652	null	Mm.34990
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8585	7832	C88322	null	null	null
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27619	30117	AU022644	null	null	null
16913	12479	AU022705	null	null	null
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0	0	AU022721	null	null	Mm.26330
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25341	25568	C86563	TC187149	null	Mm.28955
17702	10120	C86619	TC160973	null	Mm.25806

88997	98270	C86712	TC173809	preprodipeptidyl peptidase I	Mm.684
12576	16558	C86515	TC189055	null	Mm.34714
14429	12592	C86580	TC201271	homologous to the yeast YGR163	Mm.28746
21719	23162	C86638	TC190317	null	Mm.23930
28134	35306	C86753	TC212416	null	Mm.42292
0	0	C87717	null	null	null
0	0	C87819	TC194967	null	Mm.25512
0	0	C87892	TC201640	arginine methyltransferase	Mm.25516
0	0	C87988	TC191558	null	Mm.7784
15564	15295	C87749	TC191251	null	Mm.25511
34349	13469	C87836	TC163432	null	Mm.23780
9346	6088	C87911	null	null	null
0	0	C88001	TC190057	null	Mm.22331
32472	38304	AU022316	TC176022	null	Mm.86647
0	0	AU022374	null	null	null
10093	15683	AU022432	TC190975	null	Mm.13800
22395	18037	AU022485	TC163110	espin	Mm.32006
40119	78516	AU022324	TC187956	legumain	Mm.17185
62578	29111	AU022388	TC174397	null	Mm.27837
208607	142056	AU022447	null	null	null
57370	81378	AU022495	null	null	Mm.11854
73768	78388	C86813	TC200968	null	Mm.34576
58957	73913	C86884	TC178622	bHLH protein MesP2	Mm.31472
0	0	C86974	null	null	Mm.9711
7399	9482	C87037	null	null	null
25317	28192	C86831	TC176377	gene trap locus-13	null
0	0	C86913	null	null	null
22634	27193	C86985	TC157954	AMP deaminase H-type	Mm.3238
0	0	C87050	null	null	null
11533	13652	C88059	null	null	Mm.9807
86149	84972	C88148	TC161471	null	Mm.14816
5322	4532	C88216	TC204137	null	Mm.25535
14322	17114	C88310	TC174491	zinc finger protein	Mm.23862
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0	0	C88166	null	null	null
0	0	C88238	null	null	null
8355	15925	C88327	null	null	null
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0	0	AU022706	null	null	null
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0	0	AU022602	TC161583	null	null
8627	4444	AU022670	null	null	Mm.4781
0	0	AU022722	TC174664	null	Mm.28200
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0	0	C86564	null	null	null
0	0	C86624	null	null	null
0	0	C86716	null	null	Mm.25443
228392	422667	C86517	null	null	null
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24395	25337	C86639	TC176297	null	Mm.25435
8430	6703	C86755	TC160250	null	Mm.9693
35650	40195	C87721	null	null	Mm.37994
23004	22530	C87820	TC188239	Williams-Beuren syndrome delet	Mm.1717
11747	14264	C87895	null	null	null
56166	93479	C87989	TC173891	transferrin receptor	Mm.25560
20740	49557	C87750	TC162031	null	Mm.29587
37096	48776	C87917	TC174254	null	Mm.28539
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23137	24247	AU022434	TC183085	null	Mm.11846
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35189	40677	AU022325	TC188741	putative ras effector Nore1	Mm.10133
69333	83049	AU022389	TC161617	UDP-Gal:glucosylceramide beta-	Mm.26364
14840	17167	AU022448	null	null	null
6471	5675	AU022499	null	null	null
0	0	C86821	null	null	null
22203	26374	C86888	TC176523	null	Mm.34413
6526	5801	C86975	TC177672	null	Mm.31304
16009	29088	C87038	null	null	Mm.25429
0	0	C86832	TC176652	inositol 1,4,5-trisphosphate r	Mm.7800
269228	286024	C86919	null	null	null
42616	52015	C86988	null	null	null
16262	21622	C87052	TC189556	polycomb-group proteins	Mm.9718
21010	24196	C88061	null	null	null
14607	19889	C88149	TC173346	lysyl hydroxylase 3	Mm.41486
15655	21088	C88217	null	null	null
0	0	C88313	null	null	null
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25189	29852	AU022533	null	null	Mm.38899
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141146	125094	AU022549	TC201286	null	Mm.11862
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17998	19688	AU022673	TC176675	null	Mm.27563
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22822	29159	C86584	TC188223	null	Mm.21583
40590	48371	C86654	TC164172	null	Mm.14508
45516	46854	C86757	TC162021	null	Mm.25445
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13565	16899	C87823	null	null	Mm.41106

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49560	31377	C88230	TC202376	null	Mm.23935
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0	0	C88083	TC188626	12(S)-lipoxygenase	Mm.1122
6266	9228	C88169	TC204537	null	Mm.25530
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34600	39516	AU022593	null	null	Mm.28386
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0	0	AU022678	null	null	Mm.35046
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64602	41293	C86506	TC174194	null	Mm.37381
154562	141886	C86567	TC171040	null	null
640756	773336	C86630	TC173767	null	Mm.30069
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81488	72971	C86521	TC161983	null	null
19673	31905	C86587	null	null	Mm.25433
41026	53454	C86657	TC207094	null	Mm.52266
0	0	C86761	null	null	null
72651	135445	C87726	TC187551	mitotic checkpoint component M	Mm.43444
35177	55543	C87832	TC175278	unnamed protein product	Mm.28198
2337057	1300206	C87907	TC200060	malate dehydrogenase	Mm.104629
39691	49258	C87992	null	null	null
126959	132773	C87757	TC162122	null	Mm.28878
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94449	209313	C88016	TC159876	glutamine synthetase	Mm.41660
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8235	9638	AU022395	null	null	null
0	0	AU022453	null	null	null
11396	13794	AU022502	TC203774	null	Mm.27238
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11467	17651	C86898	null	null	Mm.34992
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6738	15137	C87041	TC189063	null	Mm.24109
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16975	15743	C86995	TC163048	null	Mm.29396
0	0	C87058	null	null	null
16467	19683	C88065	TC202064	cysteine-rich repeat-contains	Mm.63535
0	0	C88157	TC162495	RING finger protein AO7	Mm.27798
138391	107823	C88232	TC200404	unnamed protein product	Mm.9819
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12940	10933	C86664	TC187442	F-box protein FBL12	Mm.24608
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0	0	C87741	null	null	Mm.35446
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8294	6878	C87762	null	null	null
56856	64803	C87847	TC161946	null	Mm.28661
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0	0	C86842	null	null	Mm.25451
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0	0	C86996	null	null	null
44256	45644	C87059	TC202138	ENH1	Mm.24839
0	0	C88066	null	null	null
0	0	C88159	null	null	Mm.88793
0	0	C88236	null	null	Mm.9820
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615013	1047035	AU023376	null	null	Mm.103819
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11156	16810	AU023284	TC160851	potassium channel modulatory f	Mm.29194
21393	21477	AU023342	null	null	null
0	0	AU023392	null	null	Mm.11957
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29906	33427	AU023564	null	null	Mm.11983
18789	19408	AU023613	TC202902	null	Mm.11680
126633	119850	AU023682	null	null	Mm.34775
7528	8985	AU024477	null	null	Mm.4420
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9879	11705	AU024583	null	null	Mm.26437
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22982	22473	AU024549	null	null	Mm.26434
6076	8513	AU024596	null	null	null
0	0	AU024642	null	null	null
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196161	104691 AU018778	TC203474	null	Mm.29110
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6506	10657	AU024490	TC201236	null	Mm.28753
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19520	11958	AU020256	TC175339	null	Mm.20697
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67671	65147	AU043403	TC201649	null	Mm.21331
11560	17914	AU043501	TC203192	null	Mm.17985
7575	7958	AU043654	null	null	null
12284	22667	AU043338	TC174421	tissue inhibitor of metallopro	Mm.36851
24425	30155	AU043432	null	null	null
52067	66175	AU043547	null	null	Mm.17791
31496	31454	AU043697	TC170258	null	null
16471	16170	AU017087	TC162670	null	Mm.26023
0	0	AU017169	null	null	Mm.11227
0	0	AU017233	TC200498	synaptogyrin 3	Mm.26032
14771	19393	AU017323	TC187743	null	Mm.27528
0	0	AU017112	null	null	Mm.42460
6265	4917	AU017191	TC169249	null	Mm.4145
48536	42290	AU017251	TC177819	null	Mm.31339
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14979	16449	AU018233	TC174543	null	Mm.22147
81465	74879	AU040133	TC164949	null	Mm.21889
760334	549981	AU040215	TC200361	glutathione-S-transferase homo	Mm.282
23998	15372	AU040306	TC157305	null	Mm.34867
11648	15681	AU018258	TC183664	null	Mm.26087
65498	75218	AU040148	TC177384	ninein	Mm.4569
63316	73250	AU040241	TC193803	null	Mm.18186
0	0	AU040326	TC164326	null	Mm.23691
41852	46796	AU041261	TC159122	null	null
78280	91832	AU041332	null	null	Mm.18614
35116	60169	AU043178	null	null	null
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15824	14487	AU041287	TC182264	null	Mm.17602
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30556	24238	AU043259	TC202171	null	Mm.21887
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54650	71885	AU017469	TC160232	platelet-activating factor ace	Mm.24199

62395	40962	AU017550	TC192117	null	Mm.26053
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30652	28472	AU017413	TC203281	null	Mm.26043
17014	14987	AU017496	TC183683	null	null
26543	41572	AU017586	TC173403	siah-2 protein	Mm.2847
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209385	205964	null	null	null	null
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1372363	3272913	AU040478	TC208455	null	null
469716	807404	AU040559	null	null	Mm.3486
1852045	1442548	AU040375	TC158189	MHC class I heavy chain precur	Mm.33263
123021	138505	AU040439	TC194648	null	null
117874	117617	AU040505	TC199969	null	Mm.21953
165161	221780	null	null	null	null
0	0	AU043307	null	null	Mm.17727
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0	0	AU043698	null	null	Mm.17751
0	0	AU044662	null	null	null
16782	19948	AU044767	null	null	Mm.17818
0	0	AU044877	null	null	null
0	0	AU044967	null	null	null
0	0	AU044693	null	null	null
77759	70353	AU044799	TC203742	B7-like protein	Mm.17819
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9148	15359	AU044992	null	null	null
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6690	10192	AU041706	TC161911	null	Mm.28164
40303	38418	AU041770	TC169337	null	Mm.22373
6128	6760	AU041566	null	null	Mm.26028
0	0	AU041655	TC165530	null	Mm.27911
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0	0	AU042834	null	null	null
9697	8582	AU042892	null	null	Mm.26847
19767	21102	AU042964	TC189766	null	Mm.26848
60789	73605	AU043030	TC203559	null	Mm.44191
30250	31911	AU042850	TC173504	HP1 alpha protein	Mm.28003
16456	19483	AU042918	TC173439	poly (ADP-ribose) polymerase (Mm.9248
84044	78328	AU042986	TC174068	null	Mm.28872
0	0	AU043047	TC164163	null	Mm.18796
7377	10011	AU045064	TC202168	null	Mm.24602
0	0	AU045184	null	null	Mm.26886
7219	10893	AU045279	null	null	Mm.17847
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124920	164193	AU045085	TC173797	null	Mm.1963
58150	61572	AU045210	TC186521	protein tyrosine phosphatase	Mm.27856

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66685	66481	AU045440	null	null	Mm.26887
0	0	AU041869	TC189213	null	Mm.19029
14222	15861	AU041948	TC160642	null	Mm.17631
9436	17226	AU042012	null	null	Mm.17637
155148	171185	AU042084	TC201232	null	Mm.22627
11308	10875	AU041882	TC170255	null	Mm.17655
14672	19203	AU041965	null	null	Mm.30637
50700	49960	AU042026	TC188021	null	Mm.26567
74863	130624	AU042101	TC159953	null	Mm.1268
22902	24240	AW546029	TC157385	null	null
45313	85085	AW545969	TC200181	basement membrane collagen alp	Mm.738
313537	365667	AW546099	TC174473	small nuclear ribonucleoprote	Mm.27669
344971	562959	AW546168	TC199928	5S ribosomal protein	Mm.5291
35470	34380	AW546057	TC186544	null	Mm.21905
89529	106354	AW546128	TC204123	null	Mm.12090
10016	15213	AW546180	null	null	null
0	0	AU044670	null	null	null
0	0	AU044772	TC174312	null	Mm.3886
5727	9082	AU044884	null	null	null
7296	6352	AU044970	null	null	Mm.17891
27464	25243	AU044699	TC173339	WS-3 protein	Mm.90496
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0	0	AU044895	TC177655	null	Mm.18119
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0	0	null	null	null	null
0	0	AU041627	TC163090	putative	Mm.1480
0	0	AU041709	null	null	null
120747	145968	AU041772	TC187607	null	Mm.18968
12359	15306	AU041570	null	null	null
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32515	31883	AU041722	TC158244	14-3-3 theta protein	Mm.14722
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121743	98001	AU042837	TC186653	peroxisomal membrane protein 2	Mm.30215
88376	86503	null	null	null	null
6839	11685	AU042966	null	null	null
23961	28617	AU043032	null	null	null
6847	6109	AU042851	null	null	null
140871	207054	AU042923	TC200205	null	Mm.19130
154193	200863	AU042988	TC186476	null	Mm.21724
84583	74911	AU043052	null	null	Mm.37214
12829	15222	AU045067	null	null	null
26097	25686	AU045188	TC205137	Ring1 interactor RYBP	null
23041	23870	AU045281	TC162624	null	Mm.31607
16160	19952	AU045407	TC173775	hypothetical protein	Mm.30079
19907	23902	AU045087	TC202254	DNA-binding protein	Mm.8137
22787	25488	AU045211	TC204174	null	Mm.17840
1304371	853645	AU045293	TC202796	null	Mm.7280
78469	79472	AU041871	TC188630	null	Mm.26834
0	0	AU041950	null	null	null
140563	186786	AU042016	TC189095	protein kinase	Mm.18856

87398	102895	AU042088	null	null	null
31239	29160	AU041884	TC205959	null	Mm.17629
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43011	55426	AU042027	null	null	Mm.17639
16957	14039	AU042102	null	null	Mm.17642
20852	15391	AW546033	TC175975	null	Mm.29374
745715	750270	null	null	null	null
85703	379154	AW546106	TC157316	thymidylate synthase (EC 2.1.1	Mm.5879
121903	200462	AW546168	TC199928	5S ribosomal protein	Mm.5291
0	0	AW546059	TC174046	matrilin-2 precursor	Mm.3511
10930	15152	AW546130	null	null	null
25739	28347	AW546181	TC200355	null	Mm.28021
5186	11267	AU044777	TC174912	null	Mm.26878
0	0	AU044885	null	null	Mm.17849
0	0	AU044974	null	null	null
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7659	6776	AU044804	TC157322	null	Mm.26876
6793	13528	AU044904	TC176081	null	Mm.17823
3890	11822	AU044997	TC192147	null	Mm.26890
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11389	15156	AU041777	null	null	Mm.17624
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38360	52923	AU041657	null	null	null
22242	28606	AU041724	TC175229	protein-tyrosine-phosphatase	Mm.2668
31857	33205	AU041801	null	null	Mm.100195
41070	49050	AU042839	null	null	null
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127437	140868	AU042989	TC159919	null	Mm.101142
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10693	16252	AU045071	TC162534	null	Mm.17851
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36149	54453	AU045213	TC160368	null	Mm.17870
101703	107473	AU045309	null	null	Mm.21600
22066	16894	AU045458	null	null	Mm.17856
36653	32018	AU041875	TC175799	apolipoprotein B mRNA-editing	Mm.3333
12191	5276	AU041952	TC162978	3'-5' exonuclease TREX1	Mm.17632
98132	227767	AU042018	TC173940	null	Mm.23865
38426	41939	AU042092	TC189033	null	Mm.5018
43340	36573	AU041885	TC190153	null	Mm.27539
9898	11654	AU041968	TC161626	null	Mm.27289
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36679	47677	AU042103	TC201409	CtBP1 protein	Mm.7286

35777	45039	AW546034	null	null	Mm.102798
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1351183	1464819	null	null	null	null
252177	434877	AW546168	TC199928	5S ribosomal protein	Mm.5291
104166	170612	AW546062	TC159470	ribosomal protein L9	Mm.14244
110635	137957	AW545976	TC187308	COP9 complex subunit 7a	Mm.1444
48174	65817	AW546131	TC162023	glycosylphosphatidylinositol-s	Mm.2779
58225	60682	AW546184	TC187286	vacuolar adenosine triphosphat	Mm.1081
6126	7477	AU044685	TC196915	null	Mm.21239
7539	10580	AU044791	TC169889	null	Mm.17822
11325	10862	AU044887	TC201397	null	Mm.24859
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17656	29546	AU044713	TC201643	null	Mm.28560
0	0	AU044805	null	null	null
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7725	8701	AU041553	null	null	null
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11313	18171	AU042930	TC209002	null	Mm.17703
24243	28902	AU042990	null	null	null
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12382	14717	AU045423	TC176440	null	Mm.22581
7606	13238	AU045092	TC208069	null	Mm.18086
9641	7167	AU045217	null	null	Mm.17842
37207	64819	AU045311	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
26239	24112	AU045459	null	null	Mm.26888
7445	52148	AU041878	TC157596	sulfated glycoprotein-2	Mm.18700
7051	9826	AU041955	null	null	Mm.27700
22083	28556	AU042020	TC203802	null	Mm.18130
125627	79843	AU042095	TC200518	cysteine-rich intestinal prote	Mm.22049
19629	26468	AU041887	TC157854	null	Mm.88752
23793	26608	AU041972	null	null	Mm.103842
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880732	812858	null	null	null	null
22617	27429	AW546125	TC186806	null	Mm.30148

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53039	76308	AW545929	TC199904	ribosomal protein L28	Mm.14796
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21383	35882	AW546186	TC162537	null	Mm.24342
16499	19582	AU044690	TC189089	phospholipid-binding protein	Mm.4186
11267	15714	AU044792	null	null	Mm.17820
22766	30690	AU044889	null	null	null
17128	23733	AU044984	null	null	Mm.17827
6190	6962	AU044716	null	null	null
48920	70818	AU044829	TC186951	null	Mm.17864
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17017	13488	AU045005	TC176063	null	Mm.26191
36338	32289	AU041556	TC162398	null	Mm.18814
25593	29255	AU041644	TC190393	null	Mm.4971
36166	39726	AU041718	TC168087	null	Mm.17618
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8577	4135	AU041733	TC191071	null	Mm.31590
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72683	103693	AU042916	TC187194	null	Mm.17917
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263763	194178	AU042998	TC158316	null	Mm.548
198256	344262	AU043067	TC158871	60S ribosomal protein	Mm.42578
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4536	6280	AU045208	TC201507	null	Mm.22705
11868	18421	AU045289	null	null	Mm.17848
22390	40683	AU045436	null	null	null
23358	30663	AU045102	TC159811	thioredoxin-related protein	Mm.19169
9044	16827	AU045220	TC169888	null	Mm.17852
14501	20647	AU045333	TC203211	null	Mm.10277
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145248	137760	AU041880	TC187594	null	Mm.31586
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447652	492415	AU041888	TC190372	oxysterol 7alpha-hydroxylase	Mm.17991
428954	475027	AU041975	TC179621	null	Mm.94711
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22061	32947	AU042111	TC187121	null	Mm.1985
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22568	23629	null	null	null	null
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30600	34813	AW546168	TC199928	5S ribosomal protein	Mm.5291
20906	40651	AW545934	TC157362	transcription factor	Mm.104645
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15379	21083	AW546137	TC202091	null	Mm.13806
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31827	20335	AU044691	TC173503	null	Mm.15351
33304	34555	AU044795	TC186815	null	Mm.24460
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14450	25192	AU044985	null	null	null
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4340	3811	AU045006	TC161479	Bce-1 protein	Mm.5641
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24285	22697	AU041788	TC174654	null	Mm.1506
0	0	AU041578	TC201066	oviduct-specific glycoprotein	Mm.5110
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0	0	AU041734	null	null	null
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69614	66827	AU042856	TC158217	null	Mm.19055
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27025	28147	AU045081	null	null	Mm.103857
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39793	53030	AU045290	TC203287	multidrug resistance protein	Mm.41002
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26365	29288	AU045236	TC196767	null	Mm.17844
79881	68805	AU045345	TC174709	null	Mm.5265
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22747	25970	AU042039	TC200340	EAT/MCL-1	Mm.1639
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83779	110072	AW546127	null	null	null
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19766	32719	AW545936	TC173551	sid1334p	Mm.3049
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261506	278884	AW546194	null	null	Mm.102805
75089	76576	AW546889	null	null	null

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48996	61888	AW547152	TC162202	100 kDa thyroid hormone recept	Mm.7268
21714	30223	AW546919	TC162339	null	Mm.33761
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21791	26230	AW547093	TC163004	null	Mm.40990
163649	174632	AW547187	null	null	Mm.102829
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23887	35718	AW548470	TC185241	null	Mm.89160
37800	38938	AW548663	TC189727	tulip 1	Mm.35575
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54228	89040	AW549976	TC160032	P311	Mm.4919
4143	7578	AW550056	TC175494	null	Mm.27777
93017	165068	AW550178	null	null	null
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76150	103451	null	null	null	null
15997	19391	AW550203	null	null	Mm.102919
7441	10435	AW547240	TC188349	null	Mm.27366
19653	31959	AW547303	TC157505	null	Mm.100837
6613	8911	AW547394	TC210050	null	Mm.18415
130692	232733	AW547491	TC160264	null	Mm.22687
44908	45288	AW547249	TC201858	null	Mm.29620
50195	40161	AW547327	null	null	Mm.102832
65202	107885	null	null	null	null
49305	46487	AW547528	TC200859	tetraspan TM4SF	Mm.46701
105919	82369	AW548801	TC160651	null	Mm.27213
11330	12078	null	null	null	null
205954	228623	AW548945	TC200324	null	Mm.1571
26599	94172	AW549116	null	null	null
8510	6069	AW548822	TC207994	null	Mm.102877
72214	86469	AW548903	TC190403	null	Mm.40298
970302	933472	AW549049	TC187234	null	Mm.46316
196450	226982	AW548958	TC159256	null	Mm.69021
26281	82688	AW550270	TC187556	tenascin precursor	Mm.980
10693	16918	AW550432	TC201374	null	Mm.32185
200446	224519	AW550531	null	null	Mm.4322
119441	121455	AW550285	TC174798	eIF4E-like protein 4E-LP	Mm.3002
11610	13798	AW550473	TC177227	null	Mm.92904
13166	16720	AW550547	TC199929	mismatch-specific thymine-DNA	Mm.88099
22400	23106	AW546890	TC190342	attractin	Mm.11677
188906	159436	AW546997	TC173541	null	Mm.353
0	0	AW547071	null	null	null
167439	182979	AW547158	TC200324	null	Mm.1571
56564	126622	AW546921	TC159822	precursor polypeptide (AA -26	Mm.15889
47093	43780	AW547029	TC173773	null	Mm.24312
569243	1033045	AW547097	null	null	null
17701	18594	AW547189	TC189387	null	Mm.29257

19226	19911	AW548438	null	null	null
0	0	null	null	null	null
5434	8030	AW548635	TC203548	null	Mm.32041
9317	12683	AW548723	TC162431	null	Mm.2967
120627	158823	AW548471	TC157636	CLCP	Mm.29524
24692	19148	AW548549	TC159104	null	Mm.2204
11662	8596	null	null	null	null
75595	54579	AW548742	TC174109	glutathione transferase	Mm.2662
85035	105122	AW549905	TC159636	alpha-globin	Mm.16820
0	0	AW549977	TC188045	null	Mm.45197
616437	913401	AW550058	null	null	Mm.102913
1062211	1189764	AW550180	null	null	null
0	0	AW549914	null	null	Mm.102906
129469	203649	AW550000	TC203012	null	Mm.28843
157912	210589	AW550092	TC161386	null	Mm.30229
60960	82602	AW550204	null	null	Mm.102920
68364	80365	AW547242	TC159675	chromosome segregation protein	Mm.23922
5343	17184	AW547305	TC204934	null	Mm.32786
0	0	AW547403	TC166352	pituitary adenylate cyclase-ac	Mm.44245
36941	34010	AW547494	TC199640	null	Mm.102834
48367	58875	AW547259	TC186985	null	Mm.35779
12336	11120	AW547331	null	null	null
21036	30309	AW547426	TC202864	p68	Mm.2994
43592	65225	AW547534	TC200407	U5-116kD	Mm.873
75526	101511	AW548802	TC200297	null	Mm.29915
1539849	1737081	AW548883	null	null	null
559829	536689	AW549033	TC157592	E25B protein	Mm.4266
62494	83860	AW549118	TC186848	inhibitory G protein of adenyl	Mm.4284
82210	108321	AW548823	TC173393	Sec61 protein complex gamma su	Mm.1164
191436	343409	AW548906	TC200021	null	Mm.43749
104130	122321	AW549051	TC187888	null	Mm.28486
0	0	AW550271	TC200561	OSF-1	Mm.3063
39243	34290	AW550434	TC176343	null	Mm.21989
12150	12615	null	null	null	null
6449	12425	AW550286	TC163192	null	Mm.34008
24563	31182	AW550331	TC173560	Ah receptor-interacting protei	Mm.10433
14374	16854	AW550475	null	null	Mm.711
18219	20279	AW550548	TC157440	null	Mm.73841
55890	86231	AW546893	TC187962	null	Mm.28659
151923	127980	AW546998	TC175760	bone morphogenetic protein	Mm.27757
30646	38221	AW547076	TC160726	null	Mm.33830
157958	146784	AW547166	TC200637	null	Mm.24805
77134	105320	AW546923	TC164506	null	Mm.44530
155360	218382	AW547035	TC200559	null	Mm.86398
21811	24236	AW547098	TC176255	null	Mm.23706
42932	79509	AW547192	TC159442	embryonic alpha-like globin	Mm.545
41688	169945	AW548440	null	null	Mm.102864
28434	31852	null	null	null	null
178112	185935	AW548637	TC161426	null	Mm.22414
174692	187403	AW548730	TC186750	protein tyrosine phosphatase	Mm.28909
113446	206119	AW548472	TC186399	ribosomal protein S8	Mm.3381

23402	30474	AW548552	null	null	null
130590	162135	AW548671	TC202401	null	Mm.491
0	0	AW548747	TC176965	null	Mm.25506
55995	100790	AW549906	TC161105	null	Mm.26870
155506	198406	AW549980	TC201556	null	Mm.30233
101714	109829	null	null	null	null
21744	29982	AW550189	TC192133	null	Mm.69919
62889	81988	AW549916	TC201038	null	Mm.46229
27022	37232	AW550005	TC187189	null	Mm.18589
170583	285416	AW550094	TC160078	cyclin A	Mm.4189
0	0	AW550210	null	null	null
105805	184257	AW547244	TC159808	Csa-19	Mm.2424
20311	25634	AW547306	TC190270	C1q C chain	Mm.3453
46345	57727	AW547406	TC190935	null	Mm.37720
41076	63477	AW547496	TC196299	null	null
27814	46272	AW547265	null	null	null
47935	55740	AW547332	TC163560	BH-protocadherin-a	Mm.11964
30844	36203	AW547431	TC158378	null	Mm.46719
55224	77426	AW547545	null	null	null
26445	56187	AW548804	TC187076	null	Mm.26116
17073	23435	null	null	null	null
200793	226504	AW549035	TC158364	Rab11b	Mm.35727
49297	60201	AW549119	TC186558	RIE2	Mm.30051
289026	488289	AW548907	TC186383	QM protein	Mm.43239
86246	124324	AW549054	TC189397	null	Mm.21695
18054	30142	AW548973	TC204306	null	Mm.33650
0	0	AW550275	TC202030	null	Mm.12539
68350	74830	AW550445	null	null	null
46862	54812	AW550535	null	null	null
0	0	AW550287	TC161762	null	Mm.3906
16164	19306	null	null	null	null
38834	47030	AW550483	TC202672	null	Mm.33622
12162	10908	AW550553	TC176990	null	Mm.35241
39692	44866	AW546896	null	null	null
34236	42128	AW546999	TC160090	epididymal secretory protein	Mm.29454
72950	75564	AW547080	TC158520	actin binding protein ShroomS	Mm.46014
16642	30142	AW547174	null	null	null
19331	18629	AW546930	null	null	null
28311	27768	AW547037	TC189398	null	Mm.25627
440093	801706	null	null	null	null
0	0	AW547193	null	null	null
30720	20180	AW548454	TC173235	H+ ATP synthase	Mm.258
23747	36564	AW548527	TC190042	null	Mm.22448
96618	130239	AW548647	TC200549	null	Mm.23014
61327	102218	AW548734	TC203587	V1a arginine vasopressin recep	Mm.4351
78102	123388	AW548472	TC186399	ribosomal protein S8	Mm.3381
155093	161601	AW548553	null	null	null
51497	71931	AW548674	TC189007	RAD50	Mm.4888
148580	177698	AW548748	TC199965	null	Mm.24600
196495	279975	AW549909	TC159777	null	Mm.2795
35817	55143	AW549987	TC159241	B	Mm.35708

53437	65381	AW550069	TC186783	null	Mm.28067
45431	62224	AW550192	TC162039	unnamed protein product	Mm.2478
66643	61620	AW549921	TC207809	null	null
254665	276672	AW550007	TC175547	pecanex 1	Mm.86584
149482	183380	AW550108	TC177571	null	Mm.41732
489582	491205	AW550213	TC187428	N-acetylglucosaminyltransferas	Mm.2672
16260	29438	AW547245	null	null	Mm.102830
40710	42408	AW547310	TC162733	null	Mm.13112
0	0	AW547407	null	null	null
39817	75494	AW547514	TC173841	poly(A) binding protein II	Mm.7723
94664	118365	AW547266	TC158819	fibronectin	Mm.87581
35051	35585	AW547335	null	null	null
22769	21900	AW547435	TC202298	null	Mm.28446
10838	18175	AW547546	TC186653	peroxisomal membrane protein 2	Mm.30215
33795	46914	null	null	null	null
19979	33211	AW548890	TC173606	RRM-type RNA-binding protein P	Mm.29966
110685	146459	AW549040	TC160835	heterogeneous nuclear ribonucl	Mm.24718
38085	73844	AW549121	TC200264	HMG-14 (AA 1-96)	Mm.2756
428495	666105	AW548907	TC186383	QM protein	Mm.43239
9649	11763	AW549069	null	null	null
33426	35146	AW548978	null	null	null
28360	40486	AW550279	TC161867	G/T-mismatch binding protein	Mm.18210
0	0	AW550452	TC202711	TLSF-beta precursor	Mm.465
30843	36845	AW550537	TC187184	null	Mm.102929
37648	48248	AW550288	TC200092	null	Mm.29676
0	0	null	null	null	null
47313	69874	AW550562	TC175767	null	Mm.12790
46903	50993	AW546906	TC201817	phospholipase C delta-1	Mm.23963
95979	72002	AW547023	TC201300	null	Mm.29933
53706	78299	AW547084	TC188310	null	Mm.5458
153876	294779	AW547185	TC157654	null	Mm.16423
24534	22870	AW546934	TC162105	null	Mm.28498
310769	308001	AW547045	TC157623	protein phosphatase 2A B'alpha	Mm.3785
122378	155731	AW547107	TC201428	null	Mm.23823
46107	64939	AW547199	null	null	null
48988	56233	AW548460	TC175010	null	Mm.34046
216305	362944	AW548530	TC204517	null	Mm.61533
302849	352566	AW548653	TC160026	tetraspanin membrane protein C	Mm.4426
40929	56170	AW548735	TC161024	null	Mm.35828
31091	34877	AW548478	null	null	null
93098	262469	AW548558	null	null	Mm.102868
49903	53426	AW548677	null	null	null
67419	77564	AW548750	TC160512	null	Mm.30256
89256	107468	AW549911	TC160666	RNA-binding protein staufen	Mm.41650
0	0	AW549990	null	null	null
151256	976955	AW550072	null	null	null
102151	113908	AW550195	TC188916	null	Mm.41349
42499	48245	AW549923	null	null	Mm.102907
129091	151343	AW550008	TC206388	null	null
265016	304329	AW550115	null	null	Mm.102914
6184	6371	AW550222	TC164367	adrenocorticotropin receptor	Mm.41498

12730	25260	AW547246	TC201339	null	Mm.30083
7523	18315	AW547313	TC188732	null	Mm.23572
0	0	AW547411	null	null	null
28211	32653	AW547517	TC187038	Sm-D autoantigen	Mm.603
50301	51697	AW547268	TC173256	null	Mm.21207
31286	36375	AW547338	TC188387	null	Mm.25720
24321	33555	AW547438	TC191942	null	Mm.30646
14856	17586	AW547548	TC162678	parp-2 gene	Mm.5728
10509	8489	AW548816	TC195836	null	Mm.102876
11491	9395	AW548894	TC187900	null	Mm.28111
18982	32187	AW549041	TC186936	tetraspanin TM4-A homolog	Mm.28484
62936	69807	AW548948	TC163401	null	Mm.31650
21687	21972	AW548832	null	null	null
4909	8287	AW548907	TC186383	QM protein	Mm.43239
20882	28147	AW549073	null	null	null
55958	63543	AW548980	TC175662	null	Mm.39364
125163	167012	AW550283	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
61882	66615	AW550459	TC184130	null	Mm.102927
207021	321208	AW550539	TC187595	null	Mm.27282
65232	82316	AW550291	null	null	null
128143	202447	AW550335	TC173391	polyhomeotic 2	Mm.14198
135452	156053	AW550491	TC188072	null	Mm.38854
187509	181257	AW550564	TC160312	null	Mm.28291
8596	14330	AW546912	TC199250	null	Mm.102822
61639	78940	AW547026	TC175675	null	Mm.3986
15129	13972	AW547091	TC164972	null	Mm.44279
89945	169358	AW547185	TC157654	null	Mm.16423
25693	42872	AW546935	TC200593	null	Mm.3856
93841	91736	AW547046	TC162314	protein kinase	Mm.9287
1296431	1152240	AW547111	null	null	Mm.3776
103102	150031	AW547204	TC200132	null	Mm.22723
37191	38749	AW548461	TC173737	Ring3	Mm.3444
194888	382597	AW548540	TC174154	SIK similar protein	Mm.10303
0	0	AW548660	null	null	null
43245	40754	AW548737	TC159661	null	Mm.4792
89891	143987	AW548482	TC186439	ribosomal protein L21	Mm.29896
124187	159467	AW548567	null	null	null
144113	191933	AW548681	TC159935	matrin3	Mm.25575
69287	72810	AW548757	TC200914	null	Mm.22710
0	0	null	null	null	null
113178	219194	AW549993	TC188594	null	Mm.41657
879204	1189381	AW550084	TC188893	null	Mm.8162
44360	46000	AW550196	TC177036	null	Mm.37607
2207032	2215652	AW549924	null	null	null
186541	248922	AW550019	null	null	Mm.102910
46665	45814	AW550121	null	null	null
48921	51350	AW550225	TC203556	null	Mm.102921
261830	288081	AW547247	TC187200	null	Mm.27769
84448	73762	AW547316	TC166307	null	Mm.37867
46887	70219	AW547412	null	null	null
22895	24300	null	null	null	null

53079	45742	AW547270	TC187226	null	Mm.36768
34364	39117	AW547343	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
28865	26773	AW547441	TC157966	null	Mm.104186
1011703	761914	AW547555	null	null	null
81763	100909	AW548819	TC174236	null	Mm.28259
63939	75624	AW548899	TC201359	null	Mm.41918
32950	59598	AW549044	TC161127	SPARC-related protein	Mm.27643
709157	689228	AW548955	TC200108	tropomyosin isoform 2	Mm.646
57210	74441	AW548833	TC160261	null	Mm.21126
767876	1188533	AW548910	null	null	null
48659	59887	AW549074	TC189233	coding region determinant bind	Mm.12919
51184	60565	AW548994	TC164027	null	Mm.46520
0	0	AW550284	null	null	null
200615	239670	AW550463	TC173306	ATF4	Mm.641
62673	86924	AW550540	null	null	null
44583	37749	AW550292	TC202703	null	Mm.3285
29355	31013	AW550350	TC167291	null	null
262452	255640	AW550493	TC159557	diazepam-binding inhibitor	Mm.2785
28440	40962	AW550574	TC175112	null	Mm.99916
17974	19167	AW551444	TC163210	null	Mm.9129
25030	24253	AW551537	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
162609	163366	AW551714	null	null	Mm.102960
35120	50765	null	null	null	null
0	0	AW551461	null	null	null
23049	32548	AW551588	TC161205	unnamed protein product	Mm.29749
20049	20914	AW551591	null	null	null
92940	221381	null	null	null	null
20990	25633	AW552396	TC161194	ubiquitous alpha-2,3-sialyltra	Mm.24068
7684	4728	AW552447	TC189175	null	Mm.25410
22871	26530	AW552319	null	null	null
0	0	AW552368	TC201121	null	Mm.28679
33440	26767	AW552411	TC160605	ECH1p	Mm.2112
9111	7942	AW552458	TC201201	null	Mm.28792
8149	15261	AW552339	TC174179	transcription factor p65	Mm.28170
39343	56075	AW552491	TC187389	null	Mm.34060
13723	23285	AW553290	null	null	null
14011	18158	AW553340	TC157249	null	Mm.23141
22561	35609	AW553387	null	null	Mm.103050
6347	6964	AW553445	null	null	Mm.31436
24845	26147	AW553309	null	null	null
4375	3525	AW553353	null	null	Mm.88749
63243	70064	AW553405	TC200508	ubiquitin activating enzyme E1	Mm.1104
9551	10606	AW553454	TC161884	protoporphyrinogen oxidase	Mm.4730
4769	7682	AW551754	TC190988	prostaglandin E receptor EP2 s	Mm.4630
6571	9733	AW551814	TC170718	null	Mm.102971
8321	6068	null	null	null	null
53395	55662	AW551901	null	null	null
25397	26919	AW551766	TC197569	null	Mm.102968
225998	287432	AW551822	TC200388	[Mouse TIS11 primary response	Mm.18571
120711	186748	AW551867	TC174624	smooth muscle LIM protein	Mm.2020
18541	27833	AW551910	TC193295	null	Mm.102977

37728	48786	AW552535	TC157237	null	null
174973	192908	AW552583	null	null	Mm.103008
273822	291746	AW552656	null	null	null
42246	46747	AW552700	null	null	Mm.103010
57840	54667	AW552551	TC190457	null	Mm.86394
56233	64061	AW552599	TC161046	null	Mm.30264
39244	49336	AW552668	TC157785	latexin	Mm.2632
26871	39002	AW552721	TC160548	null	Mm.28454
58239	62226	AW553483	TC160570	truncated tyrosine kinase rec	Mm.4394
0	0	AW553537	null	null	null
33913	49037	AW553586	TC203626	null	Mm.103057
24718	30817	AW553629	TC174701	null	Mm.29408
93858	171078	AW553502	TC173053	pro-alpha-2(I) collagen	Mm.4482
43109	103883	AW553554	TC158356	E1B 19K/Bcl-2-binding protein	Mm.2159
80629	107451	AW553597	null	null	null
52304	59427	AW553641	null	null	Mm.103060
18003	37678	AW551445	TC166899	null	null
52612	86076	AW551549	null	null	null
0	0	AW551715	null	null	null
0	0	AW551646	null	null	null
21631	24431	AW551463	TC175707	null	Mm.61901
157865	134529	AW551675	TC160238	DnaJ-like protein	Mm.27897
36702	46839	AW551593	null	null	Mm.102961
38261	71492	AW551658	TC173603	null	Mm.41565
17219	29853	AW552397	TC173227	PTB-associated splicing factor	Mm.43213
7964	8042	AW552448	TC161517	unnamed protein product	Mm.31244
0	0	AW552320	null	null	Mm.102998
10490	16805	AW552373	TC203464	caspase-12	Mm.42163
50236	56065	AW552412	TC173358	null	Mm.7091
30121	25099	AW552459	TC175966	null	Mm.3824
0	0	AW552340	null	null	Mm.102999
22495	32386	AW552496	null	null	null
10515	12545	AW553298	TC203053	null	Mm.33033
0	0	AW553343	TC158277	galectin-7	Mm.20973
4106	4734	AW553388	TC199024	null	Mm.103051
18125	18978	null	null	null	null
5209	17074	AW553310	TC161609	null	Mm.7703
32499	22582	AW553355	null	null	null
10028	15779	AW553407	TC208653	null	Mm.103053
15236	14747	null	null	null	null
273165	353233	AW551760	null	null	Mm.14747
191676	263341	AW551815	TC161361	ALY	Mm.1886
73408	51563	AW551853	TC174788	null	Mm.21184
347673	399614	AW551902	null	null	null
40523	45845	AW551770	TC197572	null	Mm.102970
14807	18260	AW551823	TC173199	null	Mm.4566
152569	246700	AW551869	TC189531	null	Mm.27249
141414	148848	AW551911	TC187199	null	Mm.28327
21808	37579	null	null	null	null
174212	244886	AW552585	TC186988	unknown	Mm.29490
87669	98895	AW552657	null	null	null

455089	710085	AW552701	null	null	Mm.15571
28665	21829	AW552553	TC196403	null	Mm.103005
21601	37321	AW552604	TC163799	null	Mm.24508
8041	11672	AW552669	TC201519	null	Mm.29655
6136	21471	AW552722	TC175207	null	Mm.69051
14825	25046	AW553484	TC188495	null	Mm.20148
27940	25243	null	null	null	null
17020	16606	AW553587	TC202081	null	Mm.27553
179301	190223	AW553632	TC173191	null	Mm.3328
0	0	AW553505	TC188098	microfibril-associated glycopr	Mm.7386
136118	102958	AW553555	TC157620	enhancer of polycomb	Mm.20828
97499	84973	AW553600	TC200617	null	Mm.31051
54088	69237	AW553642	TC161196	null	Mm.38789
69601	126056	null	null	null	null
13858	24668	AW551558	null	null	null
9000	10188	AW551717	TC176999	null	Mm.5769
14253	17797	AW551649	TC160841	null	Mm.29949
17842	17859	AW551464	null	null	null
18973	24365	AW551676	TC159118	null	Mm.36365
15138	22464	AW551596	TC191107	null	Mm.31567
63578	106810	AW551663	null	null	null
150613	143445	AW552398	TC200983	null	Mm.27509
38958	39154	AW552451	TC173192	null	Mm.22073
8848	15077	AW552332	TC163494	null	Mm.33125
62343	44521	AW552376	TC162279	null	Mm.4176
0	0	AW552415	TC160359	null	Mm.35753
37066	43592	AW552461	TC162000	null	Mm.24437
13546	10321	AW552347	TC177847	null	Mm.103262
60202	80954	AW552497	TC189403	null	Mm.41224
63913	62001	AW553303	TC186844	null	Mm.19834
116540	176520	AW553347	TC186986	sphingosine-1-phosphate phosph	Mm.28948
23330	24452	AW553398	TC179295	null	Mm.103052
289154	327100	AW553447	TC200961	serine proteinase inhibitor	Mm.2623
166037	183159	AW553311	null	null	null
196549	329304	AW553356	null	null	Mm.103048
66024	87250	AW553411	TC173465	p62	Mm.8256
70261	83583	AW553456	null	null	Mm.103537
20472	31421	AW551762	TC176457	null	Mm.38167
19169	27034	AW551816	TC161103	null	Mm.24646
374080	401873	AW551856	null	null	null
0	0	null	null	null	null
43754	55852	AW551772	TC157400	null	Mm.103597
54281	73953	AW551824	TC190090	CDV-1R protein	Mm.10125
42678	61565	AW551871	TC189397	null	Mm.21695
116613	147655	AW551916	TC174615	putative deubiquitinating enzy	Mm.36569
53648	62925	AW552541	TC202422	null	Mm.46006
43954	53449	AW552586	null	null	Mm.50754
72973	96124	AW552658	TC174531	null	Mm.29562
607077	593701	AW552709	TC186695	brain protein 44-like protein	Mm.2576
6758	7921	AW552555	TC161516	NNX3	Mm.23997
677385	625733	AW552614	TC177174	null	Mm.27562

84162	73368	AW552671	TC162739	null	Mm.32821
16895	20133	AW552723	TC200247	null	Mm.27082
100482	125611	AW553485	TC189337	null	Mm.34888
161440	258290	AW553540	null	null	null
91461	132180	AW553588	TC160502	null	Mm.38816
45463	65588	AW553633	TC165095	null	null
51828	66176	AW553507	TC187970	null	Mm.81647
88979	132398	AW553559	TC158361	null	Mm.34847
30291	41451	AW553601	null	null	null
22220	23317	AW553643	TC187608	LZIP-1 and LZIP-2	Mm.12407
99635	111035	AW551451	TC173099	non-erythrocyte beta spectrin	Mm.3914
57917	100442	AW551564	TC187921	sid2057p	Mm.24231
11426	16164	AW551719	TC162485	null	Mm.22230
20128	16285	AW551651	TC161498	null	Mm.28476
101946	163641	AW551468	TC160153	null	Mm.29971
0	0	AW551677	null	null	Mm.102955
4916	5073	null	null	null	null
19255	21093	AW551665	TC174721	null	Mm.41903
29279	26020	AW552405	TC160692	null	Mm.29737
5687	6147	AW552452	TC175377	null	Mm.34012
24626	23099	AW552335	null	null	Mm.103387
218214	277281	AW552381	null	null	Mm.19101
84278	185014	AW552416	TC187111	pantophysin gene	Mm.25699
86469	109880	AW552462	TC160363	oligosaccharyltransferase	Mm.7236
14180	22120	AW552348	null	null	null
72710	67589	AW552499	TC202066	null	Mm.27064
21611	29723	AW553304	TC173455	Bach2	Mm.21908
128430	132585	AW553348	TC166355	null	Mm.22900
71085	72375	AW553401	TC201279	null	Mm.27302
51939	68904	AW553451	TC200632	null	Mm.28910
75369	79341	AW553312	null	null	Mm.103045
62237	64893	AW553358	TC187287	null	Mm.30023
12285	8186	AW553412	null	null	null
94161	101005	AW553458	TC189420	null	Mm.30744
118514	119980	AW551763	TC188753	null	Mm.38490
38399	46302	AW551817	TC173729	deletion target in pancreatic	Mm.100399
28754	38752	AW551857	TC164548	null	Mm.40844
86121	83313	AW551906	TC200149	lactate dehydrogenase-B (AA 1-	Mm.9745
112149	152027	AW551776	TC174375	null	Mm.29909
0	0	AW551825	null	null	Mm.102973
144017	177698	AW551872	TC201195	arylhydrocarbon receptor	Mm.4452
264782	413761	AW551918	TC186500	ubiquitin conjugating enzyme U	Mm.3268
0	0	AW552542	TC187471	null	Mm.25849
0	0	AW552587	TC175067	null	Mm.45894
55995	45152	AW552662	TC186854	null	Mm.1479
215495	220751	AW552715	TC187465	null	Mm.37516
270682	277960	null	null	null	null
280244	234306	AW552623	TC157779	N-ras protein (AA 1-193)	Mm.734
217447	163482	AW552672	TC159666	subunit I of cytochrome c oxid	Mm.24786
21833	33460	null	null	null	null
192368	231989	AW553487	TC160863	null	Mm.28196

20830	22616	AW553541	TC176899	null	Mm.87267
24701	35686	AW553589	TC164123	null	Mm.44416
54279	79556	AW553637	TC175895	null	Mm.24670
74968	93505	AW553508	TC206403	null	Mm.100866
22279	22512	AW553561	TC173556	null	Mm.542
21643	20235	AW553602	TC161470	null	Mm.41406
78880	119417	AW553645	TC174887	putative basolateral Na-K-2Cl	Mm.4168
114807	140008	AW551452	TC201361	null	Mm.46282
199485	251286	AW551574	TC160056	nucleic acid binding protein	Mm.111
36530	44849	AW551720	null	null	null
89534	142502	AW551653	TC160008	palmitoyl-protein thioesterase	Mm.43660
79065	78335	AW551470	TC190283	null	Mm.32616
156768	197705	AW551678	TC173877	imidazoline receptor I-1-like	Mm.22330
64858	92612	AW551604	TC202350	null	Mm.45193
159966	208567	AW551667	TC157243	null	Mm.104211
81450	68781	AW552406	TC160053	null	Mm.12677
0	0	AW552454	TC160226	null	Mm.30143
8881	18027	AW552336	TC162275	null	Mm.27412
0	0	AW552479	null	null	null
26717	27971	AW552423	TC161160	null	Mm.27199
18292	25369	AW552463	TC175734	null	Mm.3010
18507	15868	AW552349	null	null	Mm.103000
175806	150604	AW552500	TC190177	null	Mm.18542
9409	12543	AW553305	null	null	Mm.103044
33397	39562	AW553350	TC177886	null	Mm.87501
11020	10563	AW553403	TC190932	null	Mm.44737
82023	93962	AW553452	TC202812	null	Mm.33376
139797	229443	AW553315	null	null	Mm.29911
228193	264421	AW553359	TC200256	thymic dendritic cell-derived	Mm.24847
7638	7978	AW553415	TC163476	null	Mm.31672
42982	61410	AW553460	TC160787	null	Mm.22119
12838	10864	AW551764	TC201573	null	Mm.3434
76736	61344	AW551819	null	null	Mm.102972
0	0	AW551862	TC200638	null	Mm.801
58609	105706	AW551907	null	null	null
109203	111688	AW551778	TC200063	null	Mm.25074
58034	63892	AW551827	TC164435	null	Mm.63382
16060	16750	AW551873	TC189945	null	Mm.41496
11338	9402	AW551919	TC187163	zinc finger protein 289	Mm.43636
31175	40911	AW552543	TC161622	replication factor C, 40kDa su	Mm.27855
28985	35310	AW552588	null	null	null
357863	293549	AW552664	TC160259	ATRX protein	Mm.34371
22812	22750	AW552716	TC173500	null	Mm.1298
18482	25537	AW552556	null	null	null
165405	252066	AW552630	TC161442	null	Mm.44189
16807	29722	AW552673	TC202696	null	Mm.26040
16311	15331	AW552725	TC202287	null	Mm.28297
19168	28526	AW553490	TC200670	null	Mm.22721
40446	46550	AW553548	TC176573	null	Mm.23853
22547	74730	null	null	null	null
29736	30512	AW553639	TC188449	null	Mm.29391

164205	202272	AW553509	null	null	null
59226	84500	AW553563	TC201497	null	Mm.5772
55834	69605	AW553603	TC174786	null	Mm.26587
40283	76248	AW553646	null	null	null
38399	60513	AW551457	TC175570	null	Mm.29532
22901	25845	AW551586	TC174348	null	Mm.8766
106669	166884	AW551722	TC173333	null	Mm.30078
47199	69555	AW551655	null	null	null
671345	898669	AW551476	null	null	null
70143	81060	AW551682	TC176946	null	Mm.41424
127971	106686	AW551605	TC176368	null	Mm.946
0	0	AW551669	TC184026	null	null
9778	11125	AW552408	null	null	null
6614	8547	AW552455	TC170713	null	Mm.102996
43726	51523	AW552337	TC158923	unnamed protein product	Mm.28650
15667	18070	AW552486	TC186500	ubiquitin conjugating enzyme U	Mm.3268
33911	42264	AW552425	TC159406	null	null
38671	51996	AW552470	null	null	null
0	0	AW552350	TC204228	null	null
10562	11842	AW552501	null	null	null
328182	342529	AW553307	TC160098	capping protein alpha 2 subuni	Mm.3529
11143	12388	AW553352	TC192907	null	Mm.100665
15262	21977	AW553404	TC201172	origin recognition complex sub	Mm.29709
166422	166945	AW553453	null	null	null
0	0	AW553317	TC175246	cyclic AMP-specific phosphodie	Mm.101277
65515	79757	AW553361	TC201234	null	Mm.87598
36072	39205	AW553416	TC159413	C2F	Mm.6390
12150	10958	null	null	null	null
15372	18684	AW551765	null	null	null
172732	182923	AW551820	TC173998	null	Mm.21383
57711	72231	AW551863	null	null	null
337888	367248	AW551909	TC160754	null	Mm.29632
354614	651607	null	null	null	null
364216	399202	AW551828	TC160522	HP1-BP74 protein	Mm.29822
135118	166942	AW551874	TC202901	null	Mm.45783
0	0	AW551922	TC179304	null	Mm.55681
53862	50662	AW552546	TC178210	retinaldehyde-specific dehydro	Mm.42016
13337	14833	AW552591	TC170712	null	null
44244	49787	AW552667	null	null	Mm.104510
7435	9402	AW552719	TC190125	null	Mm.103474
35181	54032	AW552558	null	null	Mm.22387
25486	37313	AW552631	TC189877	null	Mm.24834
16014	23641	AW552674	TC203812	null	Mm.32552
30042	52591	AW552727	TC173842	fatty acid synthase	Mm.3760
609611	644238	AW553491	TC161331	chloride channel CaCC	Mm.20897
28374	37785	AW553551	TC161556	null	Mm.30658
14835	21573	AW553592	TC161343	null	Mm.10223
131840	219475	AW553640	TC158238	tum- transplantation antigen P	Mm.13020
46713	44215	AW553511	null	null	Mm.10727
30147	39941	AW553564	null	null	null
275771	269615	AW553604	TC159664	uncoupling protein 2	Mm.12556

213008	239768	AW553651	null	null	Mm.103061
136739	169271	AW554223	TC200986	null	Mm.40888
7420	9683	AW554292	TC188088	ubi-d4	Mm.2651
38185	41928	AW554378	null	null	null
51236	60205	AW554424	null	null	Mm.103098
57888	57277	AW554240	TC160403	null	Mm.29697
27298	39390	AW554317	TC175181	null	Mm.18311
13898	19290	AW554387	TC174485	null	Mm.10118
0	0	AW554432	null	null	null
28019	41343	AW555202	TC158016	null	Mm.103131
27784	43972	AW555292	TC201188	cAMP-regulated phosphoprotein	Mm.27896
4167	4566	AW555355	TC207635	null	Mm.40229
15685	12327	AW555479	TC161032	beta-1,4-galactosyltransferase	Mm.6628
16513	15162	AW555213	null	null	null
151180	168189	null	null	null	null
88064	93985	AW555262	TC205007	null	Mm.80527
0	0	AW555490	TC192594	null	Mm.103140
21066	34504	AW556089	TC161596	null	Mm.31420
15699	17987	AW556148	TC180338	null	Mm.103167
90480	114939	AW556201	TC174453	null	Mm.29629
62016	110238	AW556234	null	null	null
75808	83678	AW556102	TC186660	null	Mm.27899
107008	158146	AW556161	TC189850	teashirt 2	Mm.28740
15762	18768	AW556208	TC196348	null	Mm.103541
20648	26740	AW556243	TC162104	null	Mm.41865
20112	33797	AW554486	TC200903	putative	Mm.3974
19983	17825	AW554537	TC186672	Fas activated serine/threonine	Mm.28123
549181	528577	null	null	null	null
32157	30532	AW554634	TC177457	null	Mm.28578
322568	332802	AW554507	null	null	null
56940	55251	AW554549	TC174665	null	Mm.29605
174945	168290	AW554590	TC184134	null	Mm.103105
258299	327520	AW555538	null	null	Mm.103143
777105	948252	AW555405	null	null	null
48474	72225	AW555561	TC202611	B-myb	Mm.4594
168395	210591	AW555609	TC189597	null	Mm.28338
26738	27833	AW555367	null	null	null
566309	673650	AW555429	TC182040	null	Mm.103146
1126140	1175054	AW555574	TC174546	syntaxin 7	Mm.10818
203388	161663	AW555629	TC176688	putative zinc finger transcrip	Mm.38323
8518	9370	AW556285	TC187304	fibroglycan (syndecan-2)	Mm.29350
23227	28261	AW556335	TC202201	null	Mm.29038
29430	36717	AW556385	TC160541	p33ING1 protein	Mm.36840
21114	26707	null	null	null	null
128833	135587	AW556296	TC174827	null	Mm.34561
54200	62603	AW556345	TC204630	null	Mm.26037
7663	18209	AW556394	null	null	Mm.103227
0	0	AW556467	TC159166	null	Mm.86550
28204	29992	null	null	null	null
20837	27549	AW554297	TC187462	alpha-2 protein	Mm.29052
0	0	AW554381	TC173496	carboxypeptidase E	Mm.43603

16861	27049	AW554428	null	null	null
12305	13068	AW554244	TC162113	Rho-guanine nucleotide exchang	Mm.4620
0	0	AW554324	null	null	null
138846	104158	AW554391	null	null	Mm.103095
33855	40704	AW554434	TC173141	monoclonal nonspecific suppres	Mm.4890
212309	383705	AW555204	TC159418	thymosin beta-4a (AA 1 - 50)	Mm.22566
0	0	AW555297	TC176805	null	Mm.27824
27587	44019	AW555356	TC176955	null	Mm.27872
86621	99598	AW555480	TC187070	null	Mm.719
347030	614323	AW555214	null	null	null
38977	55164	AW555307	TC159117	proliferation potential-relate	Mm.4480
7880	10841	AW555443	null	null	null
153606	195848	AW555492	null	null	null
0	0	null	null	null	null
93377	95532	AW556150	TC189909	HCMV-interacting protein	Mm.29022
346287	597368	AW556203	TC173288	S-adenosylmethionine decarboxy	Mm.7880
414818	634257	AW556235	TC201598	null	Mm.24414
263938	448103	AW556105	TC174184	null	Mm.28594
74993	92691	AW556162	TC211198	null	Mm.103135
446935	528252	AW556209	TC187313	null	Mm.28258
58471	70931	AW556246	TC204786	null	Mm.82922
0	0	AW554487	TC162961	Na ⁺ /H ⁺ exchanger	Mm.4312
77758	98821	AW554538	TC187924	PDGF receptor precursor	Mm.4146
55028	43017	null	null	null	null
13568	21249	AW554637	TC187833	y+LAT1a	Mm.20906
45484	61140	AW554508	TC161206	p38b	Mm.88331
205072	222159	null	null	null	null
116016	131406	AW554591	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
46712	57472	AW554621	TC160389	null	Mm.29363
136570	173600	AW555360	TC160525	null	Mm.26614
27443	32140	null	null	null	null
55270	63407	null	null	null	null
278758	268869	AW555620	TC196946	null	Mm.103149
622321	1222594	AW555368	TC170692	null	Mm.103145
337712	448659	AW555430	TC160138	null	Mm.7780
112005	141701	AW555575	TC202896	null	Mm.87142
196745	286465	AW555630	null	null	null
0	0	AW556287	null	null	Mm.103174
0	0	AW556338	TC175168	null	Mm.41264
0	0	AW556386	TC162146	null	Mm.22922
101535	144213	AW556445	null	null	null
54218	72162	AW556297	TC187078	calcineurin	Mm.525
24466	37189	AW556348	TC166552	null	null
185062	181167	AW556395	TC158885	ornithine decarboxylase antizy	Mm.683
33645	35611	AW556473	TC187761	MPR300/IGFII receptor	Mm.2938
14181	29963	AW554225	TC184142	null	Mm.103090
63438	101545	AW554302	TC186837	antigen	Mm.2956
4534	5309	AW554382	TC160119	alpha-1,6-fucosyltransferase	Mm.35628
0	0	null	null	null	null
272028	329653	AW554246	TC187592	null	Mm.10623
18651	19678	AW554325	TC187571	null	Mm.28524

0	0	AW554436	TC160619	protein-tyrosine-phosphatase	Mm.26166
27588	40602	AW555207	TC174820	null	Mm.29634
77578	92447	AW555299	TC187175	null	Mm.86591
77555	77683	AW555358	TC200788	ABC transporter	Mm.22759
46530	79526	AW555481	TC202111	null	Mm.28500
415800	424820	AW555228	TC202904	null	Mm.26147
27978	31755	AW555308	TC158759	null	null
527826	565961	AW555444	null	null	Mm.103138
95099	124265	AW555494	null	null	Mm.103141
605341	809627	AW556091	null	null	Mm.103166
1142031	2395436	AW556153	null	null	Mm.1139
754083	1181638	AW556204	TC159857	null	Mm.25298
415643	533292	AW556238	TC175891	null	Mm.23222
146798	163607	AW556109	TC173897	null	Mm.28350
326523	412082	AW556167	TC180337	null	null
577193	541137	AW556210	TC189079	null	Mm.41767
254876	381828	null	null	null	null
17940	24839	AW554491	TC187386	null	Mm.21082
123385	316219	AW554541	null	null	null
156587	121075	AW554576	TC191535	null	Mm.103104
8149	6865	AW554638	TC184137	null	null
30658	37947	AW554510	TC187353	carnitine palmitoyltransferase	Mm.18522
70894	69291	null	null	null	null
320377	333209	AW554592	null	null	null
56459	75579	AW554622	TC211335	null	null
68190	82156	AW555361	TC189897	null	Mm.35279
31889	36922	AW555408	null	null	null
390838	408407	AW555565	TC160308	zyxin	Mm.4895
1219380	2129056	AW555623	TC159737	surfeit 3 protein	Mm.725
651920	661808	AW555369	TC187262	null	Mm.28422
178839	240274	AW555434	TC207638	null	Mm.103570
1655335	3442006	AW555577	TC157604	M-TAXREB107	Mm.588
127951	160743	AW555631	TC187628	null	Mm.28063
114598	125054	AW556289	TC158429	null	Mm.41272
133838	156914	AW556339	TC161271	null	Mm.24181
208892	230089	AW556389	TC187002	capping protein beta-subunit,	Mm.2945
45627	91363	AW556448	TC160870	Dkk-3 protein	Mm.21894
29550	44613	AW556301	TC174940	null	Mm.23030
159642	195645	AW556349	TC189150	null	Mm.89923
211836	299304	AW556396	TC173885	null	Mm.33832
4384	10500	AW556475	TC190277	null	Mm.24465
18484	27846	AW554226	TC179516	null	Mm.78069
22877	27112	AW554311	null	null	null
17302	17572	AW554383	TC175531	xeroderma pigmentosum group C	Mm.2806
12310	61461	AW554429	TC189826	null	Mm.45889
0	0	AW554248	TC174080	null	Mm.27947
222123	210530	AW554328	TC160254	null	Mm.24170
3045	5003	AW554393	TC174910	null	Mm.27133
72254	70389	AW554438	null	null	null
222201	228497	AW555209	null	null	null
25615	21473	null	null	null	null

108357	146443	AW555251	TC196341	null	Mm.103137
150289	244911	AW555482	TC174915	null	Mm.11787
47942	52340	AW555234	null	null	null
37012	36557	AW555311	TC175866	null	Mm.19077
93962	195179	AW555447	TC168791	null	Mm.55480
64213	70426	AW555495	TC201401	null	Mm.28821
70055	82974	AW556094	TC173539	null	Mm.21854
1039905	1244853	AW556156	TC174768	laminin B1	Mm.963
2010137	3587826	AW556206	TC159469	heat shock protein 84	Mm.2180
996743	2189267	AW556241	TC159477	ribosomal protein L7	Mm.37835
136838	153502	null	null	null	null
69832	84705	AW556170	null	null	null
77560	132151	AW556211	TC170700	null	Mm.103171
113129	122056	AW556250	TC162187	null	Mm.2489
27917	60950	AW554493	TC203613	null	null
86713	147332	AW554542	TC161495	null	Mm.27819
52919	63311	AW554577	TC161553	protein tyrosine phosphatase	Mm.1484
30469	56660	AW554615	TC175987	null	Mm.45770
59478	78536	AW554513	TC194112	null	Mm.103103
1567304	1630568	AW554551	TC173244	angiotensin II AT2 receptor-in	Mm.28951
109551	116019	AW554593	TC164018	null	Mm.26479
56129	62792	AW555362	TC163774	null	Mm.31901
265199	245206	AW555411	TC201818	null	Mm.33881
487715	698528	AW555568	TC174045	null	Mm.29159
1393836	2335103	AW555623	TC159737	surfeit 3 protein	Mm.725
325814	242630	AW555373	TC200622	short coiled coil protein SCOC	Mm.24763
3435689	3504800	AW555437	null	null	null
1330521	2840238	AW555577	TC157604	M-TAXREB107	Mm.588
200044	517749	AW555633	null	null	null
11597	13220	AW556290	TC167069	null	Mm.103175
339398	406503	AW556341	TC201775	null	Mm.30015
16213	26575	AW556390	null	null	null
38883	76290	AW556459	TC163333	null	Mm.71128
21834	27682	AW556305	TC204778	null	Mm.25837
18326	17678	AW556352	null	null	null
0	0	AW556401	null	null	null
94319	95851	AW556478	null	null	null
146206	151462	AW554229	TC200756	DNA topoisomerase IIalpha	Mm.4237
10750	16393	AW554312	null	null	null
333329	389483	AW554430	TC203774	null	Mm.27238
777577	900504	AW554249	TC175509	null	Mm.41133
30326	24756	AW554331	TC160615	bmi-1	Mm.7719
376850	330060	AW554439	null	null	Mm.103099
25242	31275	null	null	null	null
17640	30639	AW555301	TC191408	null	Mm.17697
20473	20059	null	null	null	null
160650	151527	AW555485	TC186888	null	Mm.22565
35852	39308	AW555235	TC174239	null	Mm.22336
82190	91547	AW555315	null	null	Mm.83816
17168	24283	AW555448	TC202026	null	Mm.21759
15504	15654	AW555499	TC203129	null	Mm.100167

49611	71341	AW556097	TC186876	FK506 binding protein	Mm.20943
2682643	2408789	null	null	null	null
949774	1552406	AW556206	TC159469	heat shock protein 84	Mm.2180
1451860	3311963	AW556241	TC159477	ribosomal protein L7	Mm.37835
120128	147735	AW556114	TC175701	null	Mm.28184
223706	277214	AW556171	TC165065	null	Mm.21270
261054	247828	AW556212	TC200784	protein-tyrosine-phosphatase	Mm.29855
60073	38784	AW556252	TC158818	null	Mm.87581
30497	40982	AW554498	null	null	Mm.103101
50014	71012	AW554543	TC199966	null	Mm.21953
155924	202485	AW554579	TC158995	EMeg32 protein	Mm.41304
37563	66487	AW554618	TC194103	null	Mm.103107
160371	165426	AW554516	null	null	null
92694	123439	AW554552	TC173886	null	Mm.3479
52096	70117	AW554594	TC163983	null	Mm.41146
9557	13115	AW555365	TC201078	null	Mm.17804
286870	295712	AW555412	TC210233	null	Mm.66264
99844	145272	AW555570	TC186782	null	Mm.27112
52644	55508	AW555624	null	null	Mm.103150
10244	20350	AW555374	TC202364	hypothetical protein	Mm.18845
38856	51532	AW555441	TC177857	null	Mm.24162
9051	18313	AW555578	TC175154	null	Mm.27762
31787	41888	AW555634	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
236453	245808	AW556291	TC189740	RDC1 orphan chemokine receptor	Mm.6522
22740	25963	AW556342	TC188739	null	Mm.34659
20983	22304	AW556391	TC159769	ribosomal protein L32-3A	null
71174	112580	AW556460	TC178355	null	Mm.23613
0	0	AW556306	TC200302	involved in signaling by the e	Mm.35677
195787	234737	AW556354	TC213291	null	null
40950	35244	AW556404	TC166521	null	Mm.34628
15584	25415	AW556481	TC167290	null	Mm.102931
0	0	AW554231	TC175113	null	Mm.40132
40394	46751	AW554315	TC203149	null	Mm.100676
40830	42239	AW554385	TC202664	null	Mm.38212
41305	44086	AW554431	null	null	null
22280	31339	AW554251	null	null	null
0	0	AW554337	null	null	null
14176	13782	AW554395	TC188265	null	Mm.18634
117527	114463	AW554440	null	null	null
242814	291158	null	null	null	null
261364	407736	AW555302	TC207640	null	Mm.103142
64406	72584	AW555257	null	null	null
66408	92664	AW555489	TC173124	null	Mm.21841
197562	155008	AW555236	TC161049	Bet1p homolog	Mm.23564
132593	118430	AW555320	TC201290	GTP binding protein	Mm.1597
24998	32579	AW555449	null	null	Mm.88717
147459	162028	AW555500	TC188571	null	Mm.29214
0	0	AW556098	TC162555	null	Mm.27340
130487	146391	AW556160	null	null	Mm.103168
1249369	1972969	AW556206	TC159469	heat shock protein 84	Mm.2180
1101048	2309808	AW556241	TC159477	ribosomal protein L7	Mm.37835

146059	160407	AW556115	TC165328	null	Mm.31984
146725	176958	null	null	null	null
1170088	1630883	AW556214	null	null	null
37282	42727	AW556253	TC182724	null	Mm.39181
25080	33910	AW554500	null	null	null
69994	67703	AW554545	TC161978	null	Mm.27309
164376	188952	AW554580	TC158310	PETA-3	Mm.30246
29444	35718	AW554619	null	null	null
28514	31097	AW554517	TC159732	winged-helix transcription fac	Mm.27157
0	0	AW554555	TC160381	null	Mm.28452
152348	118436	AW554595	TC159712	mouse RNA polymerase I 40kD su	Mm.80585
14977	11360	AW554648	TC201508	null	Mm.89832
102959	196786	AW555366	TC191257	null	null
2150838	3509176	AW555415	TC200030	BAP-135 homolog	Mm.22593
462381	596934	AW555571	TC190252	null	Mm.19440
36561	68762	AW555628	TC200785	carbonic anhydrase I	Mm.3471
1248163	1327469	AW555377	TC173699	copper binding protein	Mm.2573
70272	102486	AW555539	TC189544	null	Mm.24586
53741	85097	AW555584	TC178729	null	null
28101	43530	AW555635	TC160982	glypican-1	Mm.24193
0	0	AW556294	null	null	null
103666	115080	AW556344	TC162702	null	Mm.13146
155126	198882	AW556392	TC200886	null	Mm.41792
116438	202529	AW556465	TC187347	Rac GTPase-activating protein	Mm.27141
22979	26993	AW556307	TC203324	null	Mm.89568
86289	104566	AW556355	TC159114	null	Mm.100840
8779	12591	AW556406	TC189588	null	Mm.26500
50042	43043	AW556482	TC202223	null	Mm.41067
6757	13108	AW556985	TC209265	null	Mm.103210
14405	12045	AW557032	TC201363	JNK/SAPK-associated protein-1	Mm.43081
245304	393463	AW557091	TC176808	null	Mm.22778
114836	153741	AW557152	TC186981	null	Mm.28150
35524	38879	AW556999	TC187517	null	Mm.21214
29768	29366	AW557042	TC188995	null	Mm.40303
0	0	AW557102	TC187388	null	Mm.22372
9872	13717	AW557171	TC162324	null	Mm.20320
8335	15859	AW557979	null	null	Mm.103267
41600	45670	null	null	null	null
41920	53119	AW558100	TC202698	null	Mm.31417
18119	18770	AW558158	TC175203	null	Mm.28360
10504	8674	AW557989	null	null	null
151695	154793	AW558049	TC177077	null	Mm.27385
15050	15407	AW558115	TC192656	null	null
105004	87327	AW558170	TC173319	null	Mm.43640
0	0	AW558992	TC202226	null	Mm.6660
24446	21655	AW559036	TC174812	null	Mm.29429
52314	57534	AW559097	TC202467	spalt-like protein	Mm.39487
29295	38870	AW559147	TC173731	null	Mm.24042
49016	47001	AW559005	TC188950	null	Mm.27682
0	0	AW559047	null	null	null
28245	40240	AW559118	TC208205	null	Mm.103301

0	0	AW559159	TC173884	null	Mm.30653
0	0	AW557207	null	null	null
0	0	AW557279	TC203033	FL10	Mm.44634
506907	893947	AW557342	null	null	null
50938	53827	AW557424	TC203058	null	Mm.25180
40734	43240	AW557223	TC199982	null	Mm.21289
74747	80299	AW557297	null	null	Mm.38248
22648	31527	AW557382	TC202951	null	Mm.103396
14599	16954	AW557444	TC202956	null	Mm.9648
118296	124694	AW558206	TC205417	null	Mm.103277
48913	65005	null	null	null	null
12397	12195	AW558326	null	null	null
46704	50126	AW558370	TC175580	null	Mm.31837
36425	43982	AW558222	TC188529	type 6 nucleoside diphosphate	Mm.12951
26582	32375	AW558281	TC201520	null	Mm.30191
19332	23316	AW558338	null	null	null
54255	60850	AW558389	null	null	Mm.103284
7841	11126	W13715	null	null	null
7440	10322	AI385531	null	null	null
0	0	AA177885	null	null	null
0	0	AA285694	null	null	null
40346	194025	AI322365	null	null	null
34321	45892	AA060605	null	null	null
0	0	AA396982	null	null	null
0	0	AI464293	null	null	null
14621	17687	AW556987	TC201760	null	Mm.12746
13603	15131	AW557034	TC161883	nuclear transcriptional repres	Mm.6822
1544124	1429806	null	null	null	null
72262	92860	AW557154	TC201180	null	Mm.43487
45423	39646	AW557000	TC189380	null	Mm.41580
15806	19542	AW557046	TC177589	null	Mm.17740
0	0	null	null	null	null
76092	105027	AW557172	TC174885	null	Mm.36036
15811	29792	AW557980	TC176683	null	Mm.32334
126894	129202	AW558029	TC173547	null	Mm.43162
13896	19416	AW558101	TC178765	null	Mm.31378
59079	62477	AW558160	TC187991	UTX	Mm.28750
0	0	AW557990	null	null	null
14944	17665	AW558051	null	null	null
51794	42221	AW558117	TC206649	null	Mm.44397
257834	421435	AW558174	null	null	Mm.103275
0	0	AW558996	null	null	null
7142	12789	AW559037	TC163341	groucho-related gene product	Mm.26889
34633	37097	AW559099	TC162542	null	Mm.25300
149070	182637	AW559149	TC186568	ras-related C3 botulinium tox	Mm.889
159866	237798	AW559006	TC176977	cell surface antigen	Mm.34408
129421	158259	AW559052	TC175485	collagen type IV alpha5 chain	Mm.49613
507616	787791	AW559119	null	null	Mm.103302
45344	47991	AW557213	TC176591	null	Mm.26491
13474	15526	null	null	null	null
149337	147273	AW557344	null	null	Mm.103233

434363	721154	AW557425	TC158859	hprt gene product	Mm.18675
135559	167611	AW557225	TC159093	Ku70	Mm.16147
48934	47328	AW557298	TC190041	null	Mm.34087
10618	9257	AW557385	null	null	null
46777	56226	AW557448	TC204738	null	Mm.37802
27154	32778	AW558212	TC167083	null	null
29047	35732	AW558264	TC202247	zinc finger protein	Mm.7952
200995	240819	AW558327	TC158447	null	Mm.22145
9022	7127	AW558376	null	null	null
42364	43905	AW558223	TC164705	null	Mm.37680
52501	67064	AW558285	TC161023	metaxin	Mm.22508
566699	612434	AW558339	TC160505	null	Mm.30153
1216957	1227116	AW558391	null	null	null
116506	184386	W11746	null	null	null
12694	11252	AI510177	null	null	null
55895	48118	AA177218	null	null	null
0	0	AA386906	null	null	null
0	0	AI430415	null	null	null
194798	217594	AA060150	null	null	null
40114	123840	AA240093	null	null	null
0	0	AA473948	null	null	null
95915	109512	AW556991	null	null	null
23227	48085	AW557035	TC188969	null	Mm.27885
17839	19631	AW557096	TC174486	transcription factor NfiX	Mm.9394
15142	30330	AW557161	null	null	Mm.103217
12993	11173	AW557003	null	null	Mm.103211
355415	355843	AW557047	TC186932	Tapa-1 protein	Mm.806
8517	13475	AW557108	TC189682	null	Mm.46786
19298	10529	AW557174	TC173422	protocadherin 2C	Mm.28785
276966	326673	AW557983	TC161115	null	Mm.25157
0	0	AW558032	TC204990	null	Mm.34710
14538	12012	AW558104	TC162348	null	Mm.29046
22725	27178	AW558161	TC178018	null	Mm.33138
99654	139682	AW557993	TC187721	DPM2	Mm.22001
91572	90931	AW558052	TC193296	null	Mm.103272
112411	106006	AW558118	TC189864	null	Mm.34749
192240	156638	AW558177	TC200950	null	Mm.21501
187265	220492	AW558997	TC186917	Edp1 protein	Mm.10331
20973	12606	AW559039	TC188706	null	Mm.31527
23147	32821	AW559108	TC191857	null	null
74568	84604	AW559151	null	null	null
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66548	75900	AW559055	TC204529	null	Mm.103165
50836	48401	AW559120	TC161468	UNC-51-like kinase (ULK) 2	Mm.27664
37792	38933	AW557215	TC188395	polycomblike 1	Mm.18643
189253	202929	null	null	null	null
8792	15602	AW557348	null	null	null
260353	301760	AW557429	TC188303	null	Mm.28097
139447	141352	AW557226	TC175536	null	Mm.10954
29847	32044	AW557299	TC202595	null	Mm.1075
138255	111321	AW557449	TC175169	heme-binding protein	Mm.17249

97923	136439	AW558216	TC203086	null	Mm.32645
24317	37984	AW558267	TC163082	null	Mm.61848
28891	35124	AW558329	null	null	null
13770	25554	AW558377	null	null	null
100020	130864	AW558224	TC188041	null	Mm.30664
29915	34198	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
0	0	AI323991	null	null	null
0	0	AI326809	null	null	null
35102	27503	AA177581	null	null	null
11737	20525	AA276132	null	null	null
0	0	AI893987	null	null	null
16174	24446	AI594960	null	null	null
13874	10288	AA245030	null	null	null
4908	5298	AI595553	null	null	null
137535	193110	AW556992	TC186866	integrin alpha 6 subunit precu	Mm.25232
77347	92401	AW557038	TC202524	null	Mm.38917
2144	3484	AW557098	null	null	null
10519	10812	null	null	null	null
9270	13660	AW557006	TC190429	null	Mm.80509
77545	73430	AW557050	TC158403	null	Mm.29830
98755	132008	AW557115	null	null	null
11434	12301	AW557176	TC200700	membrane glycoprotein	Mm.944
4324	7861	AW557986	null	null	null
47498	42510	AW558036	TC201131	null	Mm.22360
146732	129110	AW558110	TC173102	null	Mm.29842
14189	15224	AW558166	null	null	null
732567	899678	AW557995	null	null	Mm.103269
859186	454463	AW558053	TC159643	phenol UDP-glucuronosyltransfe	Mm.42472
584003	530294	AW558121	TC174508	null	Mm.18834
85636	154286	AW558179	TC201207	myosin I	Mm.3390
80806	89631	AW558999	TC177145	null	Mm.34811
73014	96801	AW559043	TC177081	null	Mm.41121
47749	56600	AW559113	TC189129	prostacyclin synthase	Mm.2339
128364	163004	AW559153	TC160414	null	Mm.29712
40324	49849	AW559010	TC188701	null	Mm.35039
21473	28660	AW559060	TC175014	compared with human FXR2 mRNA;	Mm.41930
24029	36474	AW559121	TC187708	N-terminal region of the prote	Mm.45540
21285	40583	AW557217	null	null	null
136052	134096	AW557287	TC173202	CCTtheta, theta subunit of the	Mm.27294
30519	35199	AW557359	TC160674	unknown	Mm.24541
31117	29897	AW557437	TC161228	collagen alpha 2 chain type V	Mm.1949
0	0	AW557236	TC190312	null	Mm.32767
26871	32095	AW557300	TC160878	null	Mm.103229
2828	4409	AW557387	TC199447	null	Mm.26621
0	0	AW557450	null	null	null
15746	22653	AW558219	TC176463	null	Mm.29457
8044	12838	AW558271	TC205817	null	Mm.82071
58837	58095	AW558330	null	null	Mm.2818
22935	22653	null	null	null	null

784213	1095255	AW558227	null	null	null
107529	75562	AW558291	TC202474	null	Mm.28993
448981	460608	AW558341	TC173279	NFE2-related factor 1	Mm.6743
421924	368261	AW558398	null	null	Mm.4551
38667	44688	W20673	null	null	null
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0	0	AA286515	null	null	null
8484	10341	AI429739	null	null	null
47728	46613	AA061508	null	null	null
16407	17734	AA253909	null	null	null
0	0	AI467280	null	null	null
258880	350199	AW556995	null	null	null
170446	175973	AW557039	TC187378	muSec1	Mm.7247
23475	32970	AW557099	null	null	null
28086	31234	AW557163	null	null	Mm.27232
19286	28793	AW557007	TC176038	DNA binding protein NFI-C	Mm.5104
65934	75812	AW557053	TC174610	null	Mm.46676
180728	204474	AW557116	TC175919	null	Mm.22550
144272	225130	AW557177	TC187886	TWIK-1 K+ channel	Mm.10800
988338	1450862	AW557987	null	null	Mm.103268
59065	63758	AW558043	TC175625	null	Mm.31069
16374	9902	AW558112	null	null	Mm.103273
169186	154475	AW558167	TC174180	null	Mm.318
0	0	AW557996	null	null	null
70700	66944	AW558054	null	null	null
53710	56336	AW558126	TC177133	null	Mm.24167
34966	43072	AW558182	TC201277	null	Mm.22428
8267	11564	AW559001	TC199967	null	Mm.27207
19679	22212	AW559044	TC174673	GTP-binding protein	Mm.29968
17798	44374	AW559114	null	null	Mm.34515
111393	67172	AW559157	TC173852	glutathione S-transferase (EC	Mm.14601
5044	9414	AW559011	TC203848	null	Mm.24569
28220	31011	AW559061	TC202919	null	Mm.44593
16798	20557	AW559122	TC207593	null	Mm.103303
59978	83799	AW557219	TC188805	null	Mm.23634
4950	1430	AW557288	TC161650	null	Mm.18957
43814	60123	AW557368	null	null	null
54425	68326	AW557442	null	null	null
190517	227362	AW557242	null	null	null
36814	43646	AW557302	TC191438	null	Mm.41024
253324	216665	AW557391	TC173522	septin	Mm.336
90652	87972	AW557455	TC179750	null	null
96242	106524	AW558220	TC178366	null	null
87034	118532	AW558272	TC174714	null	Mm.28030
1150647	1047971	AW558333	null	null	null
200915	226852	AW558384	TC187481	SH3P7	Mm.27622
82160	122104	AW558228	TC165762	null	Mm.38257
958100	852446	null	null	null	null
1362192	1206777	AW558406	TC160175	serine-threonine kinase recept	Mm.22584
43090	65380	AI427265	null	null	null

220270	208268	AI326870	null	null	null
195141	339420	AA221956	null	null	null
43854	78748	AA414323	null	null	null
49070	55931	AA003555	null	null	null
5695	5842	AI597117	null	null	null
19182	21571	AA245525	null	null	null
0	0	AA444240	null	null	null
11773	12991	AW556997	TC202925	null	Mm.26786
13710	18593	AW557041	null	null	null
31157	39322	AW557100	TC190278	null	Mm.24184
29048	33156	AW557166	TC175531	xeroderma pigmentosum group C	Mm.2806
51686	62672	AW557009	null	null	null
0	0	AW557055	TC157953	null	Mm.36809
10292	15556	AW557123	TC190224	Dok	Mm.156
51525	47903	AW557178	null	null	null
55933	56122	AW557988	TC188347	null	Mm.27982
488012	862132	AW558048	TC159754	heat stable antigen	Mm.6417
30972	46075	AW558113	null	null	null
92638	99826	AW558168	TC158333	putative secreted protein SIG9	Mm.44220
25267	43074	AW557998	TC200534	fibroblast growth factor recep	Mm.3157
16700	16824	AW558058	TC157232	null	Mm.32279
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16568	20448	AW557377	null	null	Mm.103235
52040	68577	AW557443	TC175021	null	Mm.11946
204732	207884	AW557243	null	null	Mm.103225
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34930	34574	AW558292	TC190702	null	Mm.33912
19614	22390	AW558346	TC178024	null	Mm.84098
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14874	38301	BE292575	null	null	null
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36927	55505	BE372195	null	null	null
49027	80510	BE373791	null	null	null
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348706	355659	X56062	null	null	null
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25066	27755	AI835788	TC188965	null	Mm.28073
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383169	384410	X56062	null	null	null
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3248	7495	AI836322	TC189375	null	Mm.939
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6333	8528	AI836921	TC174286	null	Mm.24161
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30155	40715	U91966	null	null	null
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38394	56083	AI836323	null	null	Mm.3776
154353	178203	AI835088	TC159983	stress protein Herp	Mm.29151
5356	14264	AI836113	TC163617	Rigui	Mm.7373
399988	384375	not yet submitt	null	null	null
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21136	24546	AI835600	TC188455	null	Mm.27187
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6750	11460	AI836109	TC163270	null	Mm.11285
28461	23127	AI836114	TC175371	null	Mm.28954
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35894	39621	AI835470	TC157857	null	Mm.29509
13334	21317	AI835658	TC188004	null	Mm.25726
10942	17634	AI836915	TC189843	null	Mm.6478
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89813	113413	AI836699	TC173379	zinc finger protein ZNF216	Mm.2904
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0	0	AI836266	TC201432	KAP3B	Mm.4651
30240	32683	AI836320	TC159017	mino levulinate synthase	Mm.19143
16224	21457	AI835207	null	null	Mm.39755
191475	295331	AI835282	TC200020	elongation factor 1-beta homol	Mm.2718
212722	230068	AI836277	null	null	null
238991	247606	AI835975	null	null	Mm.39313
9328	16692	AI835595	TC173107	minopontin precursor (AA -66 t	Mm.321
251040	228735	AI836205	TC174667	nucleoside diphosphate kinase	Mm.41787

27897	38310	AI835792	TC200512	null	Mm.29879
19088	15955	AI835881	TC188130	null	Mm.29138
46639	59286	AI836195	null	null	null
34238	38007	AI835628	null	null	null
89837	121080	AI835817	TC161165	hypothetical thymus-expressed	Mm.28708
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19652	25424	AF159803	null	null	null
155259	76744	X58149	null	null	null
292336	323403	U91966	null	null	null
155805	394248	AF168390	null	null	null
624046	235495	AF247559	null	null	null
286600	302488	X56062	null	null	null
322709	1055250	AF198054	null	null	null
12862	11747	AI836047	TC169319	null	Mm.41378
7653	13222	AI836120	TC158957	null	Mm.17224
0	0	AI835136	TC175115	tau microtubule binding protei	Mm.1287
0	0	AI835461	TC186738	null	Mm.30250
102209	145221	AI835090	TC173705	null	Mm.28693
732901	632363	AI839190	null	null	Mm.39782
15525	16253	AI835158	TC188348	null	Mm.29071
32059	40321	AI836325	TC177081	null	Mm.41121
36375	55998	AI835662	TC187280	null	Mm.41890
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5757	6630	AI836695	TC190351	null	null
0	0	AI839640	TC186724	neuropilin	Mm.27448
87323	84835	AI835675	TC186953	null	Mm.41791
30352	30009	AI838389	TC189092	null	Mm.41719
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563376	1651462	AF198054	null	null	null
0	0	AI835194	TC204972	null	Mm.32310
20420	23465	AI835274	TC161833	null	Mm.5918
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1846334	1376057	AI835438	TC182788	null	Mm.29111
0	0	AI835209	TC174688	null	Mm.40373
0	0	AI835284	TC208262	null	Mm.40662
102952	112009	AI836278	TC187093	E6-AP ubiquitin protein ligase	Mm.9002
101313	115463	AI836012	TC187390	null	Mm.29150
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255289	456566	AI835619	null	null	Mm.5246
7353	15110	AI835793	TC176828	SLIT2	Mm.34584
11594	7991	AI835882	TC202095	null	Mm.41545
104968	188315	AI835604	TC158805	ribosomal protein S2	Mm.1129

0	0	AI835629	TC165227	null	Mm.40691
189741	292649	AI835829	null	null	null
26626	26014	AI835895	TC201521	null	Mm.4436
105424	101524	AF159801	null	null	null
26931	52134	AF159803	null	null	null
253689	101754	X58149	null	null	null
719183	796827	U91966	null	null	null
270444	635384	AF168390	null	null	null
1304585	551310	AF247559	null	null	null
599846	643041	X56062	null	null	null
667043	2037133	AF198054	null	null	null
27898	35300	AI836048	TC186896	sex-determination protein homo	Mm.27723
87497	139373	AI835111	TC173071	unidentified reading frame	Mm.12858
0	0	AI835141	TC163319	Cek7 ligand	Mm.1478
55460	48720	AI836324	TC173496	carboxypeptidase E	Mm.43603
47175	53491	AI835093	TC188843	null	Mm.29487
35627	48537	AI839191	TC160141	Ubc7p homolog	Mm.29352
0	0	not yet submitt	null	null	null
29399	37211	AI836326	TC201667	null	Mm.29689
0	0	AI835663	TC159838	null	Mm.22171
22612	23427	AI836918	TC187263	null	Mm.8324
0	0	AI836696	TC204252	null	Mm.21975
20000	17036	AI839641	TC203055	null	Mm.40776
114464	206702	AI835680	TC159808	Csa-19	Mm.2424
22319	33946	AI838391	TC187162	HMG CoA synthase	Mm.10633
0	0	AI836700	null	null	null
9691	8440	AI836726	TC161980	null	Mm.40653
202136	259160	AF159801	null	null	null
36802	75429	AF159803	null	null	null
294948	102807	X58149	null	null	null
423271	427222	U91966	null	null	null
189869	500274	AF168390	null	null	null
1306390	536310	AF247559	null	null	null
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694962	2098544	AF198054	null	null	null
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11530	16442	AI835277	null	null	Mm.38315
47622	61847	AI836270	TC180000	null	Mm.40620
132077	120004	AI835969	TC202617	null	Mm.209
97892	102040	AI835210	TC173403	siah-2 protein	Mm.2847
40504	44784	AI835289	TC202484	null	Mm.6083
26495	32167	AI836292	TC157743	null	Mm.41336
187766	173164	AI836013	TC161351	calretinin	Mm.2755
21585	23574	AI836192	TC173483	creatine kinase (aa 1-381)	Mm.2375
568601	819899	AI835620	null	null	null
19935	27793	AI835796	TC164715	null	Mm.45142
421748	550169	AI835883	TC187004	null	Mm.17912
11281	15380	AI836196	TC157609	null	Mm.29923
82331	136817	AI836209	TC187158	hypothetical protein A	Mm.3752
43592	46538	AI835831	TC158393	null	Mm.28555
95075	89372	AI835898	TC201279	null	Mm.27302

503862	649280	AF159801	null	null	null
105612	150397	AF159803	null	null	null
637663	259599	X58149	null	null	null
899151	937269	U91966	null	null	null
412564	949714	AF168390	null	null	null
2049825	889275	AF247559	null	null	null
942877	1020155	X56062	null	null	null
936106	2700701	AF198054	null	null	null
8899	6209	AI835086	TC182619	null	Mm.39759
25412	35691	AI835113	TC177339	null	Mm.36824
46407	56567	not yet submitt	null	null	null
27007	26561	AI835464	TC187711	null	Mm.68359
74554	96285	AI835094	TC188442	null	Mm.29687
11417	14835	AI839192	TC186974	null	Mm.34051
38929	54435	not yet submitt	null	null	null
36003	39315	AI838347	TC160265	null	Mm.24229
32666	27441	AI835665	TC201615	poly(A) polymerase V	Mm.3170
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153324	169466	AI836697	TC174009	null	Mm.9811
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0	0	AI835681	TC191368	null	Mm.24037
15561	17831	AI838393	TC187078	calcineurin	Mm.41328
37905	44350	AI839633	TC173465	p62	Mm.8256
168830	176907	AI839644	TC159729	ferritin light chain	Mm.7500
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169443	141214	AI836554	TC186880	null	Mm.30012
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131702	155765	AI836538	null	null	Mm.40057
38653	62205	AI836556	TC202852	null	Mm.41929
4021	4443	AI839838	TC176457	null	Mm.38167
48292	59553	AI841553	TC187309	null	Mm.1444
6230	5144	AI841607	TC201790	NVP-1	Mm.27005
15753	20755	AI838528	TC190635	null	Mm.28763
35729	42664	AI838489	TC173215	USF2	Mm.15781
7724	7064	AI841570	TC175169	heme-binding protein	Mm.17249
608	3556	AI841699	TC157208	ubiquitin/60S ribosomal fusion	Mm.43005
0	0	AI838540	TC191162	OL-protocadherin	Mm.40080
137619	207902	AI838504	TC173060	enhancer of rudimentary homolo	Mm.21952
40206	56921	AI838642	TC199945	null	null
0	0	AI838677	TC190155	9-cis retinol dehydrogenase	Mm.7563
126251	111395	AI841820	null	null	null
70184	93487	AI841842	TC186508	null	Mm.6954
55230	97471	AI838652	TC173053	pro-alpha-2(I) collagen	Mm.4482
199959	252829	AI838689	TC159890	mPRL-2	Mm.6355
12148	10759	AI841825	TC159799	null	Mm.29493
56002	68448	AI839303	TC190911	null	Mm.40086
42362	40464	AI836580	TC188611	null	Mm.35795
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0	0	AI836889	TC164710	null	Mm.39750
14215	13639	AI836585	TC176852	null	Mm.30261
0	0	AI839860	TC188138	null	Mm.27114
89934	54912	AI836233	TC201459	Lmp10 proteasome subunit	Mm.787
5432	9461	AI836250	TC163448	BETA3	null
10525	11812	AI837934	null	null	null
23091	25808	AI837505	TC204074	null	Mm.40394
130533	139817	AI840051	TC200600	cullin 3	Mm.12665
14697	20577	AI840105	TC210075	null	Mm.44934
96526	85924	AI837954	TC187685	zinc finger protein	Mm.2760
133841	143671	AI837529	null	null	Mm.39321
82902	66963	AI840067	TC187428	N-acetylglucosaminyltransferas	Mm.2672
10867	18121	AI840117	TC162408	null	Mm.44513
96066	103175	AI840144	null	null	Mm.40420
65371	65307	AI840184	TC188312	four and a half LIM-domain pro	Mm.6799
0	0	AI841891	TC187348	forkhead protein FKHR1	Mm.44169
149359	175468	AI838917	null	null	null
81432	97270	AI840156	TC160904	null	Mm.29921
61923	110248	AI840197	TC159707	SPARC (aa 1-302)	Mm.35439
12661	13845	AI841904	null	null	null
23006	32945	AI838928	TC176999	null	Mm.5769
184105	200173	AI836844	TC159796	calmodulin	Mm.2648
16088	17182	AI836533	TC160083	null	Mm.22559
0	0	AI839745	TC157724	myelin proteolipid	Mm.1268
0	0	AI836565	TC174465	null	Mm.8540
38133	40450	AI840341	null	null	null
20404	41644	AI836539	TC160092	25 kDa FK506 binding protein F	Mm.3371
126817	166051	AI839749	null	null	Mm.39547
19676	21865	AI839839	TC161382	null	Mm.27608
37364	36586	AI841558	TC183206	null	null
10599	14443	AI841692	TC187182	LNXP70	Mm.24084
0	0	AI838529	TC176942	null	Mm.40574
0	0	AI838490	TC160892	amyloid precursor-like protein	Mm.2381
10612	13387	AI841572	TC187157	cdc2/CDC28-like protein kinase	Mm.18476
55710	60159	AI841702	TC175775	null	Mm.8763
0	0	AI838541	TC159160	peptidylglycine alpha-amidatin	Mm.5121
8831	25725	AI838505	TC179060	null	Mm.39993
10024	30785	AI838644	TC203643	null	Mm.28567
10689	9450	AI838678	TC190205	P-selectin glycoprotein ligand	Mm.22173
58980	60062	AI841821	null	null	Mm.43092
24869	21680	AI841844	TC202103	null	Mm.22588
14588	15830	AI838653	TC161308	null	Mm.28517
77072	102352	AI838690	TC171094	null	Mm.28985
84901	64028	AI841826	TC162279	null	Mm.27673
79296	77785	AI841851	null	null	null
0	0	AI839847	TC201528	null	Mm.27768
26518	28632	AI836603	TC200907	null	Mm.7066
31972	36167	AI836874	TC173877	imidazoline receptor I-1-like	Mm.22330
163726	189466	AI836246	null	null	null
0	0	AI839849	TC194689	null	Mm.40093
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11190	16862	AI836234	TC163261	stathmin-like-protein RB3	Mm.35474
13470	21700	AI836252	TC174810	spermatogenic-specific proenke	Mm.2899
137107	146690	AI837935	null	null	Mm.39323
49766	44992	AI837511	TC177314	null	Mm.24566
17278	13807	AI840054	null	null	null
0	0	AI840107	TC201260	profilin II	Mm.20399
25136	27140	AI837955	null	null	null
10166	11480	AI837530	TC174994	null	Mm.21865
0	0	AI840068	TC187046	kinesin light chain 1	Mm.20354
0	0	AI840120	TC202145	null	Mm.39745
16180	20526	AI840146	TC173346	lysyl hydroxylase 3	Mm.27426
44318	45552	AI840185	null	null	Mm.40096
18380	10917	AI841892	TC175486	null	Mm.23926
80041	92490	AI838921	TC161228	collagen alpha 2 chain type V	Mm.1949
0	0	AI840158	TC163659	null	Mm.19081
10225	15224	AI840198	TC157246	FUS2	Mm.29271
43091	60161	AI841906	TC159927	null	Mm.27344
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0	0	AI836847	TC201645	null	Mm.25315
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8122	19296	AI839746	TC161028	null	Mm.25492
36486	41110	AI839795	TC200760	null	Mm.30206
8509	9055	AI840342	null	null	null
15260	23342	AI839730	TC187771	null	Mm.41683
37978	45481	AI839750	null	null	Mm.39789
8585	10449	AI836569	TC192619	null	Mm.41626
10586	14078	AI841562	TC203043	null	Mm.41778
115505	105234	AI834759	null	null	Mm.39753
11595	20889	AI838532	TC163485	null	Mm.24827
0	0	AI838492	TC186513	NOV protein	Mm.5167
43742	66974	AI841574	TC200416	null	Mm.22675
264727	451296	AI841705	TC187025	null	Mm.42275
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0	0	AI838506	TC189359	unnamed protein product	Mm.40009
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114616	74373	AI838680	TC173952	null	Mm.12983
67138	68291	AI841822	TC161750	cytoskeletal protein	Mm.38903
20575	16651	AI839301	TC174447	stat-like protein	Mm.38469
132095	144938	AI838656	null	null	null
67206	82802	AI838691	TC160863	null	Mm.28196
78613	103735	AI839286	TC161760	null	Mm.28465
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114748	129211	AI836581	TC203779	null	Mm.40667
63194	66027	AI839859	null	null	Mm.39152
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31890	67477	AI836247	null	null	Mm.39120
44816	63475	AI836586	TC202801	elongation factor-1 alpha	Mm.2645
108838	122667	AI836609	TC159796	calmodulin	Mm.2648
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5616	5404	AI837944	null	null	null

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243045	374230	AI837534	null	null	null
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11317	8726	AI840147	TC204378	null	Mm.41138
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17853	11215	AI841894	TC187498	null	Mm.2121
76024	72939	AI838922	null	null	null
73912	81707	AI840159	null	null	null
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683065	572363	AI838930	null	null	Mm.39541
196354	140240	AI836849	null	null	Mm.39124
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14313	28572	AI836854	TC158925	E46 protein	Mm.4098
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18075	21426	AI839753	TC188487	GCN5L1 protein	Mm.30118
10177	14267	AI836570	TC188995	null	Mm.40303
60283	69547	AI841563	TC196404	null	Mm.39807
8102	8794	AI841694	TC177845	null	Mm.41111
0	0	AI838536	TC164665	null	Mm.60577
69310	63486	AI838500	null	null	null
113288	120103	AI841575	TC161221	calcium-binding protein S100A1	Mm.24662
50673	60219	AI841706	null	null	Mm.40797
24306	24917	AI838544	TC202082	synaptotagmin IX	Mm.28562
264251	255502	AI838512	TC202099	null	Mm.35458
10695	22774	AI838647	TC191532	null	Mm.38337
44596	56075	AI838681	TC174949	null	Mm.30864
8581	8647	AI839281	null	null	Mm.42263
9010	151868	AI839302	TC157596	sulfated glycoprotein-2	Mm.18700
87311	58322	AI838657	null	null	Mm.39538
1681085	1184498	AI838693	TC186390	Selenoprotein P	Mm.22699
7195	16038	AI841827	TC187197	null	Mm.41793
50964	68424	AI841853	null	null	Mm.40798
21506	19070	AI836583	TC173091	mtprd	Mm.3679
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185126	258727	AI836876	TC200131	cofilin	Mm.4024
65324	84819	AI836891	TC159894	proteasome subunit C10-II	Mm.21874
50643	70321	AI836587	TC160653	DJ-1	Mm.2507
0	0	AI836610	TC191541	null	Mm.3590
21497	20172	AI836878	TC159868	necdin	Mm.7089
32081	36054	AI836256	TC164203	null	Mm.24115
7065	11866	AI837947	TC196347	null	Mm.40758
0	0	AI837524	null	null	null
29042	31167	AI840059	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
0	0	AI840113	TC200075	putative TSA, thiol specific a	Mm.42948

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37160	37535	AI839465	TC186724	neuropilin	Mm.27448
157699	231777	AI840148	TC159792	null	Mm.13944
59058	63291	AI840192	TC177665	null	Mm.27812
89557	75384	AI841895	TC200711	null	Mm.35822
215127	334958	AI838924	TC159469	heat shock protein 84	Mm.2180
72280	48962	AI840160	TC173834	null	Mm.29092
44156	52377	AI840202	TC202348	Glv-1	Mm.16757
15261	19344	AI841913	TC162092	null	Mm.43375
42063	52955	AI838933	TC175337	null	Mm.28401
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81410	100287	AI839729	TC173737	Ring3	Mm.3444
29885	27132	AI839747	TC163118	null	Mm.35522
18001	13399	AI836568	TC174047	null	Mm.29432
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189646	180879	AI839737	TC173039	Sui1 homolog	Mm.13886
11667	14169	AI836557	TC161547	null	Mm.34751
79335	96247	AI836571	TC187165	null	Mm.23329
70268	68293	AI841565	TC161793	null	Mm.7664
74989	79218	AI841696	TC189263	null	Mm.25296
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12502	10192	AI841713	TC186826	ERK2	Mm.1700
60861	83104	AI838548	TC200110	snapin	Mm.28793
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43769	46354	AI838686	TC166547	null	Mm.40413
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6660	9355	AI841848	TC160321	acinusS'	Mm.30236
329442	292728	AI838658	TC157638	cathepsin B	Mm.22753
0	0	AI838694	TC192099	null	Mm.34439
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52477	35861	AI841854	TC160725	null	Mm.24356
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23718	25885	AI836606	TC200599	'PEBP2b3 protein'	Mm.2018
141223	133581	AI836229	TC165328	null	Mm.31984
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121277	106317	AI836588	TC190555	null	Mm.29522
47546	55995	AI839861	null	null	null
56804	72116	AI836235	TC173430	WW-domain binding protein 2	Mm.1405
72148	93190	AI836620	TC200146	hepatoma derived growth factor	Mm.1141
21897	12137	AI837948	TC203370	null	Mm.24506
52906	44455	AI837526	TC163747	null	Mm.41252
73531	69939	AI840062	TC174075	null	Mm.23889
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49337	50729	AI837442	null	null	null
0	0	AI837543	TC191241	null	Mm.4681
13468	11944	AI840078	TC203172	null	Mm.24338

11843	13731	AI838792	TC176121	contains transmembrane (TM) re	Mm.40361
20865	17579	AI840150	TC179759	null	Mm.43084
15873	22994	AI840194	TC188878	null	Mm.29692
219562	144121	AI841901	TC174589	null	Mm.19027
8392	7934	AI838925	TC187293	glutamate-cysteine ligase regu	Mm.29340
146407	116550	AI840161	null	null	Mm.1776
50947	43299	AI841861	TC179205	null	Mm.31934
7450	14569	AI841918	TC160575	null	Mm.29253
38591	38520	AI838934	TC204553	null	Mm.41377
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27080	26551	AI836536	TC158905	polymorphic tumor rejection an	Mm.4526
0	0	AI839748	null	null	null
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61346	59864	AI839840	null	null	Mm.39549
0	0	AI841568	null	null	null
7595	9805	AI834760	null	null	Mm.40040
34331	50734	AI838539	TC175102	ARL-6 interacting protein-4	Mm.29430
25045	26834	AI838503	TC191050	null	Mm.34123
40272	40547	AI841579	TC157804	arsenite inducible RNA associa	Mm.24521
1958270	1628956	AI834803	TC176638	null	Mm.34691
98914	116463	AI838549	TC200074	null	Mm.29573
17690	14477	AI838514	TC174872	PTP 35 protein	Mm.2902
18238	19913	AI838650	TC174041	FKBP65 binding protein	Mm.3894
128112	93526	AI838687	null	null	Mm.29590
77753	115967	AI839283	TC173958	Ino4 protein	Mm.110
16790	22005	AI841849	TC190911	null	Mm.40086
146062	113538	AI838659	TC158802	p21RhoC	Mm.262
65276	54127	AI838699	TC161267	null	Mm.35445
11918	14324	AI839288	TC201534	null	Mm.23017
61261	64903	AI840122	TC177267	null	Mm.6493
0	0	AI839848	TC164987	null	Mm.40356
49747	50770	AI836607	TC159106	vesicle associated membrane pr	null
517623	426137	AI836232	TC157592	E25B protein	Mm.4266
549472	996336	AI836893	TC159587	37kDa oncofetal antigen	Mm.4071
0	0	AI839850	TC176852	null	Mm.30261
80911	80702	AI836611	TC186918	prion protein PrP27-30	Mm.648
0	0	AI836238	TC204802	null	Mm.39978
18958	21043	AI836621	null	null	Mm.39767
186492	171555	AI837950	null	null	Mm.39530
104168	92155	AI837528	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
9084	15917	AI840066	TC163453	null	Mm.39283
28356	29312	AI840116	TC175804	null	Mm.28140
29380	30375	AI837458	TC187098	null	Mm.27235
18293	21439	AI837546	null	null	null
49345	53464	AI840080	TC187302	null	Mm.27285
26349	36069	AI838793	null	null	null
45372	37735	AI840155	TC188227	null	Mm.22669
6776	6385	AI840195	TC190782	null	Mm.27021

15820	28794	AI841902	TC189876	null	Mm.9876
10649	8927	AI838926	TC188849	null	Mm.17310
56979	78313	AI840164	TC187514	null	Mm.29356
10768	9901	AI841865	TC164359	null	Mm.44601
118246	162267	AI841920	TC200453	null	Mm.28622
20343	19998	AI838935	TC174910	null	Mm.27133
16877	17312	AI839327	TC188460	null	Mm.41242
87168	136156	AI839363	TC186723	Int-6	Mm.880
15541	18855	AI838871	TC186838	synaptosomal associated protei	Mm.4435
15321	14038	AI841766	TC191476	null	Mm.64969
29578	47280	AI839337	TC159953	null	Mm.1268
35566	45501	AI839374	TC210079	null	null
279302	161465	AI838890	TC173122	null	Mm.6696
7480	8236	AI841783	TC173343	null	Mm.41486
290001	217261	AI840370	TC205358	null	Mm.39285
21078	21938	AI839888	TC158969	Nbr1	Mm.784
70502	54910	AI839936	TC187010	RING zinc finger protein	Mm.9326
73308	56928	AI841448	TC174950	null	Mm.29166
46322	37039	AI840383	null	null	Mm.40781
13908	19766	AI839899	TC175076	null	Mm.20848
19930	19995	AI841403	TC196401	null	Mm.40112
28146	30150	AI841463	TC174510	null	Mm.5423
494964	704149	AI839051	TC174730	null	Mm.34489
25649	17264	AI839086	TC186409	null	Mm.43822
0	0	AI837707	TC197233	null	null
0	0	AI840953	TC175515	null	Mm.41163
24547	15616	AI839048	TC162982	vesicular inhibitory amino aci	Mm.7444
114908	109765	AI837672	TC188003	null	Mm.27469
17891	14620	AI837724	TC161599	AU-binding enoyl-CoA hydratase	Mm.2733
0	0	AI840965	TC177127	null	Mm.34210
76374	51423	AI838991	TC173987	PMP68	Mm.1519
16662	17189	AI839030	TC173906	npdcf-1	Mm.1131
9131	13722	AI839518	TC173527	null	Mm.6157
120864	113493	AI839395	TC174733	null	Mm.30008
376291	392278	AI839002	null	null	Mm.43778
66674	72509	AI839038	TC203010	null	Mm.27540
142010	200777	AI839524	TC159783	null	Mm.2795
39417	60280	AI839417	TC187288	null	Mm.28687
136980	240507	AI841501	TC157595	ribosomal protein S3a	Mm.6957
15986	15857	AI841093	TC201836	null	Mm.25118
95721	95471	AI841137	null	null	Mm.28780
28720	41041	AI842042	TC202204	null	Mm.12706
0	0	AI841514	TC191195	null	Mm.30820
29073	24098	AI841106	TC175606	cyclin-dependent kinase 5	Mm.4818
119410	92228	AI841987	TC201344	null	Mm.34350
93416	95551	AI840798	null	null	Mm.2944
136115	116526	AI837750	TC160230	NADP-dependent isocitrate dehy	Mm.9925
43755	39047	AI837796	TC165885	null	Mm.28906
77740	77699	AI840898	TC161503	null	Mm.41737
31595	38733	AI840746	TC193563	null	Mm.40427
172502	167585	AI837758	TC160098	capping protein alpha 2 subuni	Mm.3529

0	0	AI837808	TC201942	GTP-binding protein alpha subu	Mm.20964
0	0	AI840916	null	null	Mm.41701
27429	29599	AI840758	TC200670	null	Mm.22721
16083	12627	AI839328	null	null	Mm.39337
22510	34383	AI839365	TC200500	schwannoma-associated protein	Mm.6483
806241	818266	AI838874	TC187096	phosphatase 2A catalytic subun	Mm.7418
0	0	AI841768	TC202202	null	Mm.279
50108	63989	AI839339	TC158918	UbcM4 protein	Mm.3074
8663	10170	AI839375	TC193073	null	null
10108	12814	AI838892	null	null	null
0	0	AI841787	TC193086	null	Mm.39979
43495	43571	AI840373	TC164041	null	Mm.41085
374729	336603	AI839890	TC202990	P55T protein	Mm.41288
30739	31578	AI839938	TC204041	null	Mm.42823
35469	28452	AI841451	TC200192	Cux/CDP(1B1); Cux/CDP homeopro	Mm.28177
318667	203287	AI840384	TC187239	null	Mm.28286
7526	26096	AI839902	TC187992	alpha-1 type XVIII collagen pr	Mm.4352
26033	28338	AI841408	TC161264	phosphoprotein	Mm.489
28906	33374	AI841464	TC187320	null	Mm.29731
11199	15073	AI839052	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
0	0	AI839089	TC167766	null	Mm.40011
11463	14104	AI837709	TC202602	null	Mm.39792
44077	59882	AI840954	TC190570	null	Mm.23519
9686	11360	AI839049	TC192697	null	Mm.41232
14491	28196	AI837674	TC206260	null	Mm.60698
52266	68730	AI837726	TC188792	null	Mm.26939
67828	88345	AI840967	TC175423	unnamed protein product	Mm.40605
0	0	AI838992	TC204537	null	Mm.25530
93920	96898	AI834855	null	null	null
173877	174515	AI839519	TC202838	null	Mm.41824
29875	34562	AI839397	TC202409	null	Mm.41212
3559	5084	AI834846	null	null	Mm.40729
0	0	AI839490	TC188912	null	Mm.38495
17598	19568	AI839526	TC187703	DXImx46e protein	null
15141	17131	AI839420	TC175792	null	Mm.43499
0	0	AI841503	null	null	Mm.4936
29595	40125	AI841097	TC187257	null	Mm.41773
34644	38389	AI841140	TC175041	cyclin H	Mm.37478
163926	152682	AI842044	TC160600	null	Mm.29032
100390	99099	AI841516	TC175447	ankyrin-3	Mm.3526
16968	23254	AI841107	TC175946	null	Mm.24734
101963	62022	AI841995	null	null	null
96131	160287	AI840802	TC160267	Dhm1 protein	Mm.3065
24299	20426	AI837751	null	null	Mm.15571
142746	149610	AI837797	TC159526	SERCA2b isoform	Mm.42255
57960	58498	AI840901	TC174598	null	Mm.42507
20600	16076	AI840748	TC188939	null	Mm.27895
12722	18888	AI837759	TC176085	tyrosine protein kinase	Mm.2918
6592	6826	AI837809	TC162975	male-enhanced antigen-2	Mm.9392
18370	11260	AI840919	TC200943	chop-10	Mm.7549
10593	13218	AI840760	TC189294	null	Mm.67066

0	0	AI839329	TC188556	null	Mm.29050
16006	17026	AI839366	TC162237	null	Mm.28947
26330	37987	AI838875	TC174622	microtubule-actin crosslinking	Mm.3350
24931	22730	AI841770	null	null	null
25328	27751	AI839340	TC187285	null	Mm.34002
0	0	AI839378	TC176068	Ash/Grb2-binding adaptor prote	Mm.34866
27808	35616	AI838894	TC202308	null	Mm.39330
10954	18309	AI841791	TC186406	null	Mm.10009
62455	66776	AI840375	TC164775	null	Mm.40424
341626	527806	AI839893	TC159528	alpha-tubulin	Mm.4591
19959	27109	AI839944	TC202801	elongation factor-1 alpha	Mm.2645
92365	81925	AI841455	TC186537	null	Mm.300
50816	68944	AI840388	TC189780	null	Mm.40100
13577	17739	AI839903	null	null	null
9332	11926	AI841409	TC169529	null	Mm.39806
90750	69125	AI841466	TC173921	null	Mm.28295
233152	276506	AI839054	TC175540	null	Mm.38847
28229	34852	AI837663	TC175192	phosphoprotein	Mm.4870
21129	25211	AI837711	TC173604	null	Mm.18421
13899	18008	AI840956	TC163329	dipeptidyl aminopeptidase-like	Mm.42078
56193	62695	AI839050	TC207237	null	Mm.41201
72547	71108	AI837675	TC188986	Bak protein	Mm.2443
72992	75728	AI837729	TC173260	null	Mm.28219
0	0	AI840969	TC205791	null	Mm.39992
27316	31388	AI838993	null	null	null
308396	350745	AI834856	null	null	null
83221	96816	AI839520	TC160594	guanylate kinase	Mm.3624
47230	25623	AI839403	TC195326	integral inner nuclear membran	Mm.40774
20756	16976	AI834847	TC187194	null	Mm.17917
4712	4692	AI839491	TC194110	null	Mm.41510
17090	25580	AI839527	TC179731	null	Mm.41831
17204	38209	AI839424	TC189850	teashirt 2	Mm.28740
48991	51492	AI841507	null	null	Mm.42267
9198	16571	AI841098	TC174586	null	Mm.27476
10977	8423	AI841145	TC161071	null	Mm.38607
32882	36468	AI842051	null	null	Mm.42651
19000	22494	AI841520	TC160921	BCL7B protein	Mm.31
11380	11170	AI841109	TC196583	null	Mm.40110
102667	92443	AI841996	TC157599	null	Mm.27051
12832	13173	AI840804	TC161097	BTEB3 protein	Mm.17468
12805	17299	AI837752	TC200583	pancortin-3	Mm.43278
20521	26795	AI837799	TC160519	guanine nucleotide exchange fa	Mm.3161
15340	15864	AI840903	TC186909	Sacm21	Mm.20926
0	0	AI840749	null	null	Mm.39346
183803	318816	AI837760	TC175671	null	Mm.30192
87316	96513	AI837810	TC186946	Ste20-like kinase	Mm.28761
35512	38103	AI840921	TC161509	null	Mm.21520
41069	52218	AI840761	TC174492	null	Mm.27311
45123	53455	AI839330	TC158997	p21	Mm.7414
37658	43658	AI839367	null	null	null
64697	67489	AI838877	TC200218	initiation factor 4All (AA 1 -	Mm.16323

81155	147367	AI841771	TC158217	null	Mm.19055
45740	52102	AI839341	TC174664	null	Mm.42567
42071	44820	AI839382	TC160911	null	Mm.20806
154663	60655	AI838895	TC201583	aromatic-L-amino-acid decarbox	Mm.12906
39553	46027	AI841793	TC175509	null	Mm.41133
81092	93783	AI840376	TC174011	null	Mm.29041
111857	99514	AI839895	TC200776	null	Mm.29296
279755	149714	AI841400	TC174241	null	Mm.29213
49788	56386	AI841457	TC159986	null	Mm.38541
128014	108977	AI840400	null	null	Mm.2632
22329	22470	AI839904	TC191311	null	Mm.39723
138502	193976	AI841410	TC173767	null	Mm.30069
30800	34132	AI841469	TC187139	protein carboxyl methyltransfe	Mm.25293
10822	15732	AI839055	TC162793	null	Mm.28180
33987	36836	AI837665	TC187102	tumor necrosis factor alpha co	Mm.27681
31376	24130	AI837714	TC174332	null	Mm.34416
8337	12205	AI840959	null	null	Mm.5260
58789	54323	AI839056	TC187292	null	Mm.30214
76521	94552	AI837677	TC203789	null	Mm.44104
0	0	AI837733	TC176503	TNF-stimulated gene 6 protein	Mm.3509
13091	12339	AI840972	TC173675	null	Mm.29580
35065	38573	AI838998	TC174214	testis-specific protein kinase	Mm.10154
295723	409346	AI839031	null	null	null
189088	270139	AI839521	null	null	Mm.40414
34457	53126	AI839411	null	null	Mm.39148
32280	21818	AI839004	TC159144	null	Mm.26171
101731	85679	AI839492	TC186529	null	Mm.2395
16404	18496	AI839528	TC174803	null	Mm.34801
0	0	AI839436	TC188521	null	Mm.24005
4087	7209	AI841508	TC174037	null	Mm.27797
0	0	AI841101	TC174008	aldolase C	Mm.7729
33825	33276	AI841146	null	null	null
110605	124999	AI842053	TC187632	mama	Mm.3152
23061	14538	AI841521	TC158450	null	Mm.24062
99714	172279	AI841111	TC158268	thymic shared antigen-1	Mm.788
39336	61440	AI842000	TC163340	null	Mm.37885
34627	39650	AI840807	null	null	Mm.39796
17129	19709	AI837754	TC191356	SOX1 gene	Mm.39088
14185	25032	AI837800	TC183816	null	null
101595	120251	AI840910	TC189009	null	Mm.9838
56852	58682	AI840752	TC187608	LZIP-1 and LZIP-2	Mm.12407
104707	111581	AI837761	TC190696	fos-related antigen-2	Mm.23704
449785	360944	AI837817	TC162391	tob family	Mm.4218
13708	15454	AI840922	TC160130	null	Mm.3871
46963	46067	AI840762	TC196407	null	Mm.39347
6369	8794	AI839331	TC205489	null	Mm.44107
527619	388209	AI839368	TC201265	carbonyl reductase	Mm.26940
64569	55188	AI838878	TC175371	null	Mm.28954
88046	72284	AI841777	TC202791	null	Mm.22433
14481	6187	AI839342	TC175460	null	Mm.18798
70769	261082	AI838842	TC157679	rbm3	Mm.2591

14404	16244	AI838902	TC175887	angiotensinogen precursor	Mm.8854
49794	76475	AI841794	TC189177	null	Mm.41689
53973	54321	AI840379	TC173675	null	Mm.29580
168992	161404	AI839896	TC160327	radixin	Mm.7051
47817	48140	AI841401	TC162875	null	Mm.20152
196509	199838	AI841459	TC159557	diazepam-binding inhibitor	Mm.2785
681989	566429	AI840401	null	null	null
7927	6391	AI839905	TC167320	null	Mm.40094
70138	72622	AI841412	TC201437	null	Mm.31097
44588	44546	AI841473	TC191356	SOX1 gene	null
0	0	AI839046	TC201417	null	Mm.30467
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84714	106352	AI837717	TC177873	null	Mm.44622
0	0	AI840960	TC162070	null	Mm.18268
30649	27770	AI839057	null	null	Mm.39781
83448	66370	AI837678	TC186897	null	Mm.28981
9692	7757	AI837738	TC207988	gamma-2 subunit of voltage-gat	Mm.12888
10622	15957	AI840973	TC189170	null	Mm.33120
12473	17931	AI838999	null	null	null
0	0	AI834857	null	null	Mm.2632
42724	54016	AI839522	TC202516	null	Mm.4022
31744	176168	AI839412	TC159456	stearoyl-CoA desaturase 2	Mm.298
245801	261165	AI834848	null	null	Mm.39305
77741	114339	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261
29452	35967	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
21330	27122	AI839437	TC202458	Dgcr6 protein	Mm.27155
56022	60619	AI841510	TC158244	14-3-3 theta protein	Mm.14722
39505	31594	AI841104	TC163872	rSHANK protein	Mm.40787
13480	20027	AI841985	null	null	Mm.40437
67417	68292	AI840794	TC201573	null	Mm.3434
61219	104515	AI841525	TC186838	synaptosomal associated protei	Mm.4435
41269	102754	AI841112	TC174223	null	Mm.29774
38378	56667	AI842004	null	null	null
84116	72665	AI840810	TC161365	null	Mm.27569
42897	38005	AI837755	TC173288	S-adenosylmethionine decarboxy	Mm.7880
99769	113998	AI837804	TC160385	null	Mm.29436
18355	20868	AI840913	null	null	null
182661	310489	AI840754	null	null	Mm.40784
25730	27941	AI837764	TC174646	null	Mm.24195
22695	14120	AI837819	TC162999	null	Mm.41203
18800	19993	AI840925	TC201707	null	Mm.18847
56873	60872	AI840764	null	null	null
54241	57608	AI839335	TC160315	gamma-1 adducin	Mm.44106
224970	130501	AI839369	TC160509	null	Mm.22560
6498	10156	AI838885	TC188529	type 6 nucleoside diphosphate	Mm.12951
129370	144628	AI841779	TC189279	null	Mm.34870
369721	246598	AI839343	TC174470	LN1	Mm.27066
4550	8927	AI838843	TC162403	PERIOD 2	Mm.8471
20235	32762	AI838905	TC164842	null	Mm.40406
92487	201650	AI841796	TC190127	null	Mm.42873
385388	358227	AI840381	TC187580	C33/R2/IA4	Mm.4261

120300	64832	AI839897	TC176624	null	Mm.35732
147034	138071	AI841402	TC174249	CC1	Mm.28862
40864	61625	AI841461	null	null	null
127042	96488	AI840403	TC188298	null	Mm.30699
339492	476605	AI839906	TC200092	null	Mm.29676
334185	353982	AI841415	TC188390	null	Mm.5381
30466	29777	AI841475	TC162876	null	Mm.37634
124947	109767	AI839047	TC186672	Fas activated serine/threonine	Mm.28123
17558	12033	AI837671	TC173941	null	null
368597	352846	AI837721	TC173322	cytoplasmic dynein heavy chain	Mm.29547
0	0	AI840964	null	null	null
192451	214989	AI839059	TC201453	null	Mm.28324
216258	198270	AI837683	TC202398	null	Mm.39751
194860	173910	AI837739	null	null	null
29417	30618	AI840974	TC202858	endophilin III	Mm.736
30697	49013	AI839000	null	null	Mm.43309
14231	16157	AI839034	TC161024	null	Mm.35828
90213	99904	AI839523	TC187651	ena-VASP like protein	Mm.2144
25941	41605	AI839415	TC191357	metabotropic glutamate recepto	Mm.41316
49960	33929	AI839005	TC202195	null	Mm.2097
273355	309777	AI839496	TC200198	null	Mm.24365
50982	61004	AI839531	TC158498	null	Mm.30928
0	0	AI839440	TC204380	null	Mm.39339
157042	147370	AI841511	TC200387	carbonic anhydrase II	Mm.1186
644873	586711	AI841105	TC159460	nucleolar protein	Mm.6343
17736	19724	AI841986	null	null	Mm.40799
210070	202855	AI840796	null	null	Mm.40785
21594	24026	AI841526	TC200432	null	Mm.41489
6981	8999	AI841115	null	null	null
1220985	1732353	AI842005	null	null	Mm.15571
0	0	AI840813	TC187063	null	Mm.29860
5436	6252	AI837757	TC177483	null	Mm.31504
0	0	AI837806	TC203053	null	Mm.33033
43110	41200	AI840915	TC174189	null	Mm.29750
74566	96148	AI840757	TC159531	alpha-tubulin isotype M-alpha-	Mm.4591
0	0	AI837766	TC187285	null	Mm.34002
17589	22279	AI837820	TC201519	null	Mm.29655
37485	33274	AI840926	TC190091	null	Mm.41557
23232	26660	AI840767	TC190567	null	Mm.30794
129457	161587	AI841218	TC201391	rod phosphodiesterase delta su	Mm.12925
58870	65356	AI841269	TC175795	null	Mm.29338
935172	562702	AI841308	TC159523	sodium/potassium ATPase beta	Mm.4550
253739	286227	AI841350	TC201045	NGFI-A binding protein 2	Mm.6549
38006	37591	AI841238	TC161051	F3 preprotein (AA -20 to 1000)	Mm.4911
110999	147502	AI841281	TC173563	null	Mm.21399
23498	22708	AI841325	TC193799	null	null
699426	663938	AI841358	null	null	Mm.2944
3471	7067	AI842636	TC173805	null	Mm.20175
37473	55582	AI846411	TC157263	null	Mm.44166
0	0	AI846462	TC196314	null	Mm.39604
0	0	AI846592	TC188974	null	Mm.32352

211472	195872	AI842649	TC187015	null	Mm.30188
0	0	AI846424	TC191188	F-box protein FBX16	Mm.57469
37313	28245	AI846558	TC160802	null	Mm.25045
0	0	AI846599	TC175534	null	Mm.32619
76420	90590	AI846799	TC158876	histone H3.3A	Mm.16820
19144	22655	AI842947	TC160418	RNA/DNA-binding protein	Mm.1951
0	0	AI842986	TC204164	sulfotransferase-related prote	Mm.6562
15159	10794	AI843572	TC190112	null	Mm.33546
65655	58978	AI842916	null	null	null
21488	10937	AI842954	null	null	Mm.39362
0	0	AI843617	TC188590	thioether S-methyltransferase	Mm.299
26143	29054	AI843621	null	null	Mm.41092
11004	12373	AI841380	null	null	Mm.38097
20448	27471	AI845578	TC160922	null	Mm.43671
24321	25054	AI845620	TC190096	null	Mm.41169
135597	148516	AI845670	TC191205	null	Mm.25378
9816	12291	AI841390	TC175430	null	Mm.22537
61343	65487	AI845588	TC161618	null	Mm.19761
74424	95877	AI845633	TC187369	null	Mm.19799
0	0	AI845682	TC202701	null	Mm.41897
27206	39118	AI846624	TC164405	null	Mm.28681
186737	192359	AI845823	TC202296	null	Mm.23982
23123	25942	AI845862	TC163723	null	Mm.41385
5580	6809	AI845889	TC169470	null	Mm.57555
75558	79176	AI846632	TC203931	null	Mm.24950
30714	41846	AI845830	TC200138	FK506-binding protein	Mm.27941
96028	85704	AI845869	null	null	Mm.40162
55801	45724	AI843508	TC173583	null	Mm.34907
161847	178873	AI843651	TC190185	T4 surface glycoprotein precur	Mm.2209
47653	41956	AI842721	TC201414	null	Mm.30170
22765	22782	AI847157	TC189590	null	Mm.6926
20139	20162	AI842995	null	null	null
102697	86721	AI842668	TC161649	null	Mm.2644
14547	13047	AI842734	TC202471	null	Mm.29483
39853	37060	AI847166	TC190482	LDL receptor-related protein 6	Mm.20861
13172	13415	AI843011	TC196293	null	Mm.41731
26114	38390	AI841219	TC165131	null	null
121075	161221	AI841275	TC173998	null	Mm.21383
176454	243568	AI841311	TC159882	null	Mm.28357
92015	121203	AI841351	TC160282	APC-binding protein EB1 homolo	Mm.18418
0	0	AI841239	TC191378	null	Mm.22979
26875	27626	AI841282	TC186436	null	Mm.40195
90747	244723	AI841326	null	null	Mm.37214
82573	102464	AI841359	null	null	Mm.39562
51813	54403	AI842637	TC159138	null	Mm.33949
0	0	AI846412	TC176036	regulator of G-protein signali	Mm.7956
89606	90893	AI846463	TC200642	null	Mm.24559
3470	5339	AI846593	TC207944	null	Mm.42573
0	0	AI842653	TC159978	plasma phospholipid transfer p	Mm.6105
0	0	AI846425	TC188056	null	Mm.46397
3935	4293	AI846559	null	null	null

4765	3148	AI846600	TC173521	null	Mm.31616
10623	10859	AI846801	TC188099	null	Mm.34329
0	0	AI842948	null	null	null
85868	136019	AI842987	TC161008	Msx-interacting-zinc finger pr	Mm.30882
84457	70081	AI843576	TC202281	null	Mm.28991
0	0	AI842917	null	null	null
99638	123950	AI842955	TC187072	HMG-box transcription factor T	Mm.10712
50405	62118	AI843619	TC182744	null	Mm.39366
39217	45177	AI843622	TC206306	null	Mm.40140
115039	160007	AI841383	TC173724	null	Mm.21981
319993	156934	AI845580	TC187964	null	Mm.21623
45531	58606	AI845621	TC188704	null	Mm.21612
11816	18854	AI845671	TC186858	FBP 21	Mm.20938
51559	68283	AI841391	TC187078	calcineurin	Mm.41328
34443	38020	AI845592	TC162160	null	Mm.23790
36334	38284	AI845634	TC188805	null	Mm.23634
300007	281529	AI845685	TC200964	unnamed protein product	Mm.18230
16678	23391	AI846625	TC160168	null	Mm.21811
410562	232656	AI845824	TC159597	null	Mm.20418
105525	110414	AI845863	TC173859	null	Mm.41747
92648	105514	AI843497	TC175628	C /EBP delta	Mm.4639
0	0	AI846633	TC194999	null	Mm.40476
19251	21268	AI845831	null	null	Mm.2632
99187	91222	AI845870	null	null	null
24436	31660	AI843510	TC164113	null	Mm.27090
26698	43563	AI843655	TC162906	null	Mm.1687
0	0	AI842722	TC164389	null	Mm.39171
14586	21857	AI847158	TC174369	null	Mm.28849
23564	39255	AI842998	TC157610	CCT (chaperonin containing TCP	Mm.398
0	0	AI842670	null	null	Mm.2632
37314	39933	AI842735	null	null	Mm.40809
19035	19217	AI851477	null	null	null
6329	6494	AI843014	TC173642	null	Mm.24397
156584	229364	AI841222	TC160362	null	Mm.391
88581	116219	AI841276	TC201271	homologous to the yeast YGR163	Mm.28746
99572	98824	AI841315	null	null	null
19171	20101	AI841353	TC162162	metalloprotease-disintegrin MD	Mm.19830
18570	26277	AI841240	TC165061	null	Mm.40141
151715	221749	AI841283	TC158943	NNP-1	Mm.38344
26380	26810	AI841328	TC189842	null	Mm.27360
59091	46988	AI841361	TC203257	ancient conserved domain prote	null
82968	84537	AI842640	TC176904	null	null
34327	39692	AI846413	TC204120	protein kinase C	Mm.42120
27618	35700	AI846467	TC192107	null	Mm.34378
28795	29561	AI846594	TC161995	null	Mm.41866
0	0	AI842654	TC159824	Ulip	Mm.36903
9653	12273	AI846426	TC202899	null	Mm.27318
32586	48378	AI846564	TC187960	null	Mm.34555
0	0	AI846601	TC201861	null	Mm.28775
38461	46921	AI846803	TC175599	null	Mm.35693
126280	117655	AI842949	TC173626	beta-N-acetylhexosaminidase	Mm.2284

15045	26867	AI843610	TC178316	null	Mm.39729
84558	70758	AI843577	TC193335	null	null
15957	23287	AI842919	TC162192	null	Mm.41322
22361	28412	AI842957	null	null	null
82358	109879	AI843547	TC174324	UbcM4 interacting protein 48;	Mm.28409
63596	62839	AI843623	TC173077	PW29	Mm.164
193911	232180	AI841384	TC186748	null	Mm.22651
23278	31121	AI845581	TC190946	null	Mm.7086
58337	56874	AI845622	null	null	Mm.39596
120451	168100	AI845673	TC173591	MRJ	Mm.2701
32976	41876	AI841392	null	null	Mm.34847
12731	11107	AI845593	TC187902	null	Mm.27922
0	0	AI845636	TC165809	null	Mm.39597
0	0	AI845691	TC188624	null	Mm.44065
9709	15866	AI846626	TC173517	null	Mm.41495
11919	13498	AI845825	TC191501	null	Mm.44190
5038	11423	AI845864	null	null	Mm.40830
0	0	AI843499	TC166417	null	Mm.31866
19669	27185	AI846634	TC200763	null	Mm.41147
7926	21735	AI845834	TC189999	thrombospondin 2	Mm.26688
101606	128072	AI845871	TC201956	null	Mm.29495
28459	23393	AI843511	TC174565	null	Mm.21451
1601419	1406926	AI843656	TC188474	PKC delta II	Mm.2314
14229	24510	AI842725	null	null	Mm.25232
0	0	AI847159	TC211972	null	Mm.40852
15871	19598	AI843002	TC203003	null	Mm.2035
17531	27733	AI842678	null	null	Mm.40445
200928	174830	AI842738	TC189220	null	Mm.41375
0	0	AI847175	TC160801	Vav2 gene product	Mm.39302
0	0	AI843015	TC188088	ubi-d4	Mm.2651
26334	33373	AI841228	TC190860	null	Mm.22913
90897	112423	AI841278	TC158662	neuronal glycoprotein	Mm.2968
29007	41476	AI841318	null	null	null
22564	33213	AI841354	TC187592	null	Mm.10623
24663	24176	AI841241	TC173721	beta-galactosidase	Mm.2040
39342	39589	AI841284	TC176438	null	Mm.23551
596516	661883	AI841329	null	null	null
19596	15604	AI841362	TC175461	null	Mm.23305
215557	199280	AI842642	TC173759	null	Mm.26680
79966	72334	AI846416	TC160639	null	Mm.41297
16548	14689	AI846471	TC200066	null	Mm.23758
52686	72870	AI846595	TC173731	null	Mm.24042
34079	50491	AI842656	TC176037	null	Mm.28427
7349	14793	AI846427	TC163091	null	Mm.25659
17438	37267	AI846565	TC203862	null	Mm.39701
6347	11011	AI846603	TC165146	null	Mm.9998
12213	14789	AI842906	TC161686	null	Mm.35430
500711	695336	AI842950	TC159944	tropomyosin 5	Mm.17306
32277	45442	AI843612	TC160461	neuronal ceroid lipofuscinosis	Mm.21578
29500	17879	AI843578	TC186433	null	Mm.41796
66640	61076	AI842921	TC173682	null	Mm.28725

7323	13764	AI842958	TC186324	null	null
9830	11117	AI843549	TC202208	null	Mm.22283
22420	15156	AI843624	TC166094	null	null
7398	11585	AI841385	TC191084	null	Mm.32720
3488	4767	AI845582	TC196332	null	Mm.51562
88620	81311	AI845623	TC160241	null	Mm.4859
13954	19055	AI845674	TC190369	null	Mm.36418
278974	244086	AI841394	TC186490	null	Mm.16783
9088	24071	AI845594	TC182776	null	Mm.39595
10153	8082	AI845638	TC187255	pancreas sodium bicarbonate co	Mm.34747
13398	7230	AI845692	null	null	Mm.39991
13801	9761	AI846627	TC188902	cysteine-rich glycoprotein	Mm.15969
21820	22560	AI845826	TC174424	null	Mm.28715
10854	11723	AI845865	TC186839	null	Mm.20348
53297	68482	AI843500	TC186396	dihydropyrimidinase related pr	Mm.22695
32349	33958	AI846635	TC202435	null	Mm.41150
78729	93135	AI845836	TC201088	26S proteasome, non-ATPase sub	Mm.27933
9558	4124	AI845872	TC161678	hypothetical protein	Mm.34697
12198	21604	AI843512	TC187100	TNF-alpha converting enzyme pr	Mm.27681
174284	194803	AI842665	TC158869	null	Mm.186
0	0	AI842728	TC210067	null	null
5773	9090	AI847160	null	null	null
21607	39883	AI843003	TC176696	null	Mm.35368
64101	56683	AI842679	null	null	Mm.5293
23828	17622	AI842739	TC175252	null	Mm.69102
21428	16111	AI847176	TC201324	null	Mm.20245
19371	19717	AI843016	TC177660	null	Mm.39176
114359	183163	AI841233	TC184666	null	null
123592	121391	AI841279	TC161569	null	Mm.5293
253985	278500	AI841319	TC157635	overexpressed in testicular tu	Mm.4962
139281	189475	AI841355	TC174693	null	Mm.27750
65878	67141	AI841242	TC175660	null	Mm.32033
55731	88738	AI841288	TC176575	null	Mm.44230
43449	55804	AI841331	TC158317	null	Mm.3862
393353	457424	AI841363	TC158965	phosphatidic acid phosphatase	Mm.39060
21441	29942	AI842644	TC204095	null	Mm.4419
18229	23078	AI846418	TC176037	null	Mm.28427
23027	23541	AI846474	TC202770	DXHXS6673E protein	Mm.23458
5391	20533	AI846596	TC169449	null	null
22829	25960	AI842657	TC174258	null	Mm.30682
0	0	AI846429	TC162104	null	Mm.41865
6868	14167	AI846567	TC165017	cardiac ryanodine receptor	Mm.1334
28197	39462	AI846605	TC173112	Epithelin 1 & 2	Mm.1568
261652	453535	AI842908	TC159071	wolframin	Mm.20916
38151	64721	AI842952	TC174382	TBPIP	Mm.18344
27034	42662	AI843614	TC161849	cellular retinol binding prot	Mm.2450
51754	68211	AI843579	TC174275	null	Mm.32801
25688	21777	AI842923	TC166516	null	null
24616	22764	AI842962	TC175659	latent TGF beta binding protei	Mm.19307
24906	40614	AI843550	TC159838	null	Mm.22171
0	0	AI843626	TC200461	null	Mm.28492

27290	22973	AI841387	TC157932	null	Mm.33734
57772	53618	AI845584	TC200431	null	Mm.1791
1530112	2095952	AI845630	TC186539	14-3-3 zeta protein	Mm.3360
45337	68155	AI845678	TC157921	null	Mm.43358
19057	17646	AI841395	null	null	Mm.2632
15849	22789	AI845595	TC157912	null	Mm.39845
14487	16223	AI845640	TC176578	null	Mm.26101
12645	22337	AI845693	TC178745	null	Mm.32872
17768	28536	AI846628	TC188326	null	Mm.27142
33814	44964	AI845827	TC188449	null	Mm.29391
34840	36261	AI845867	TC187790	mitochondrial inner membrane t	Mm.27393
68619	49987	AI843501	TC175833	null	Mm.18262
32129	44252	AI846637	TC162482	null	Mm.42943
18824	28419	AI845837	TC191377	null	Mm.37703
21953	22994	AI845873	TC203965	null	Mm.39384
16492	13142	AI843513	TC160131	null	Mm.34338
10010	12375	AI842666	null	null	Mm.36803
23966	23379	AI842729	TC163186	null	Mm.24446
28936	38855	AI847162	TC187091	myo-inositol 1-phosphate synth	Mm.29357
0	0	AI843004	TC173921	null	Mm.44111
0	0	AI842681	TC161229	cartilage-associated protein (Mm.20904
0	0	AI842740	TC182786	null	Mm.40128
3858	6343	AI847177	TC205200	null	Mm.40994
0	0	AI843017	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
0	0	AI841235	null	null	Mm.29567
52827	37446	AI841280	TC161280	null	Mm.30254
130288	143685	AI841324	null	null	Mm.39561
332899	397373	AI841357	TC157674	adenine nucleotide translocase	Mm.16228
239718	223116	AI841243	TC188732	null	Mm.23572
56156	48532	AI841289	TC186517	68 kDa heat shock protein	Mm.6388
51124	87708	AI841332	null	null	null
126343	129621	AI841364	TC188390	null	Mm.27754
37476	52178	AI842648	TC202996	null	Mm.41033
15717	14516	AI846419	TC163484	CTIP2 protein	null
23254	24939	AI846557	TC163880	null	Mm.22849
0	0	AI846597	TC178582	null	Mm.30269
0	0	AI842659	TC194470	null	Mm.39170
20654	29561	AI846432	null	null	null
29659	26285	AI846569	TC190380	null	Mm.30850
78494	131101	AI846607	TC202256	null	Mm.40636
183789	236027	AI842912	TC173982	alien-like protein	Mm.3596
0	0	AI842953	TC191329	null	Mm.39175
51265	56895	AI843615	TC175184	null	Mm.22521
27599	23662	AI843580	TC157329	null	Mm.22578
75524	79902	AI842926	TC161397	null	Mm.30212
30356	35430	AI842964	TC200410	protein phosphatase type 2A ca	Mm.11711
75752	84055	AI843551	TC202684	null	Mm.41393
100789	93440	AI843627	TC200403	autocrine motility factor rece	Mm.34641
651091	686584	AI841389	TC159831	null	Mm.42256
14063	16582	AI845587	null	null	null
99409	90573	AI845631	null	null	null

20271	25517	AI845679	TC169468	null	Mm.39846
0	0	AI841396	TC187226	null	Mm.36768
19285	17583	AI845596	TC201252	null	Mm.29802
90757	98273	AI845642	TC200228	B cell antigen receptor Ig bet	Mm.30235
6981	7479	AI845694	TC190741	null	Mm.39738
13258	14720	AI846630	TC205408	null	Mm.44121
94005	112295	AI845829	TC159630	asialoglycoprotein receptor	Mm.6559
274863	219786	AI845868	TC200319	MHC NOD beta chain precursor	Mm.6716
24264	37709	AI843505	TC164626	null	Mm.41078
123510	200815	AI846638	null	null	Mm.39854
26769	27051	AI845839	TC188267	null	Mm.23178
100359	98086	AI845874	TC204917	null	Mm.3104
30917	24530	AI843514	TC190394	null	Mm.22519
0	0	AI842667	TC173809	preprodipeptidyl peptidase I	Mm.684
30897	27487	AI842733	null	null	Mm.40127
0	0	AI847165	TC182761	null	Mm.40495
62572	81121	AI843008	TC188913	mszf55-1	Mm.16650
32356	28517	AI842684	TC160582	interferon regulatory factor 3	Mm.3960
32448	37656	AI842741	TC176171	RORgamma orphan nuclear recept	Mm.4372
24484	34235	AI847179	TC201587	null	Mm.29615
0	0	AI843021	TC193278	null	Mm.23049
26603	40601	AI843902	null	null	null
8680	7566	AI847760	TC158261	null	Mm.38994
10187	11038	AI847799	TC163750	null	Mm.44090
46184	44167	AI846106	TC208657	null	Mm.40477
41298	48257	AI843909	TC188940	T-Brain-1	Mm.14158
17621	21128	AI847770	TC210020	null	Mm.39385
26619	28236	AI847810	TC173464	null	Mm.19825
62765	69345	AI846119	TC157296	null	Mm.5649
0	0	AI834908	null	null	Mm.40369
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257701	325616	AI846525	TC174045	null	Mm.29159
12639	16122	AI842061	TC201787	null	Mm.27853
29638	25992	AI834914	TC173495	selenoprotein W	Mm.42829
3571	4533	AI846490	TC200930	phosphatidylinositol transfer	Mm.3128
22790	30993	AI846533	TC174324	UbcM4 interacting protein 48;	Mm.27934
69490	45631	AI842069	TC186831	Mxi-WR protein	Mm.2154
16202	13392	AI847245	null	null	Mm.21625
13392	19716	AI847321	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
0	0	AI847410	TC189545	unnamed protein product	Mm.33318
7992	15538	AI847447	TC157723	fascin	Mm.13194
47548	59996	AI847253	TC203115	null	Mm.44907
0	0	AI847333	TC189568	GD3-alpha-2,8-sialtransferase	Mm.41726
104795	169578	AI847420	TC186439	ribosomal protein L21	Mm.29896
0	0	AI847453	null	null	Mm.41100
18613	18554	AI845896	TC163075	null	Mm.29463
30392	28061	AI845947	TC158240	null	Mm.4580
602724	645862	AI846927	TC175489	fosB protein (AA 1-338)	Mm.26091
50395	59353	AI846243	TC200912	null	Mm.18706
23607	28760	AI845915	TC161287	null	Mm.21864
63325	46921	AI845957	TC179610	null	Mm.39386

39476	62441	AI846944	TC201422	null	null
8414	14536	AI846254	TC190340	null	Mm.36404
27800	27690	AI842096	TC177855	null	Mm.40118
39704	46829	AI847281	TC187698	BRAK CXC chemokine	Mm.30211
9000	9696	AI847365	TC160768	7B2 preprotein (AA -26 to 186)	Mm.4836
57354	55518	AI846653	TC203514	null	Mm.22845
0	0	AI842106	null	null	Mm.39165
7893	7043	AI847293	TC186912	unnamed protein product	Mm.41277
19533	18536	AI847371	TC186652	null	Mm.30000
0	0	AI846663	TC194992	null	Mm.40856
0	0	AI847489	TC159173	Notch4	Mm.4404
14055	15970	AI847847	TC192082	null	Mm.39398
17468	14507	AI847880	TC200382	PCTAIRE-1 protein kinase	Mm.4597
0	0	AI847525	TC157728	kinesin heavy chain	Mm.3380
40509	51535	AI847499	TC187268	null	Mm.31076
31378	45118	AI847855	TC207403	null	null
9369	12916	AI847888	TC203083	kinesin light chain 2	Mm.12958
0	0	AI847543	null	null	null
8558	7741	AI843903	TC208532	null	Mm.37278
14898	18332	AI847763	TC202585	null	Mm.41724
43127	53563	AI847801	TC188264	heparan sulfate 6-sulfotransfe	Mm.27195
10050	19739	AI846102	TC187327	null	Mm.29264
38134	42847	AI843910	null	null	Mm.40454
25457	36245	AI847771	TC177062	activated leukocyte cell adhes	Mm.2877
138520	147407	AI847812	TC202221	null	Mm.24302
3160	3507	AI846120	TC201780	neuropathy target esterase hom	Mm.23085
36581	40005	AI834909	TC174177	null	Mm.38505
90113	76742	AI846483	TC159095	null	Mm.39605
0	0	AI846527	TC202080	unknown	Mm.7447
39670	43651	AI842062	TC200362	ablphilin-1	Mm.695
29545	30208	AI834916	TC187397	null	Mm.24036
25329	33959	AI846493	TC187859	null	Mm.22284
101604	73117	AI846534	TC161811	null	Mm.36811
12367	16766	AI842073	TC161476	null	Mm.25672
0	0	AI847246	TC175824	null	Mm.29126
0	0	AI847324	TC194398	null	null
17631	20540	AI847411	TC204015	null	Mm.40016
15654	29426	AI847448	TC205829	null	Mm.43133
56457	93679	AI847254	TC187467	null	Mm.28064
146325	241011	AI847338	TC186575	null	Mm.29919
13709	15146	AI847423	TC176608	null	Mm.41938
158132	184597	AI847455	TC160161	Rab10	Mm.9455
44742	60328	AI845897	TC186597	synaptotagmin 4	Mm.2446
10690	16562	AI845948	TC203816	null	Mm.40834
510740	369136	AI846930	TC200643	putative membrane associated p	Mm.9052
74857	99397	AI846244	TC161249	null	Mm.38451
13008	18619	AI845919	TC187766	unc-18 homologue	Mm.3129
28466	39871	AI846887	TC188056	null	Mm.20414
66247	87232	AI846946	TC202506	null	Mm.27136
24328	26115	AI846257	null	null	null
45409	54810	AI842097	TC173773	null	Mm.24312

57598	70264	AI847282	TC187296	null	Mm.24197
106723	124066	AI847366	TC173279	NFE2-related factor 1	Mm.6743
13350	15152	AI846654	TC175168	null	Mm.41264
0	0	AI842109	TC178799	null	null
7782	11232	AI847295	TC161746	null	Mm.24431
25658	25970	AI847372	TC175486	null	Mm.23926
0	0	AI846664	TC168048	null	null
0	0	AI847490	TC187239	null	Mm.28286
0	0	AI847848	TC193160	null	null
108026	187026	AI847881	TC158871	60S ribosomal protein	Mm.42578
73243	118845	AI847530	TC158943	NNP-1	Mm.38344
428505	380297	AI847502	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
129785	137753	AI847856	null	null	null
71076	74709	AI847889	TC159068	null	Mm.29574
181147	203634	AI847544	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
0	0	AI843905	TC167348	null	Mm.39183
14260	19147	AI847764	TC159505	defender against cell death 1	Mm.2547
45735	39123	AI847802	TC202355	null	Mm.22334
6317	7556	AI846112	TC165577	null	Mm.39600
105232	112349	AI843911	TC201168	glucocorticoid-induced leucine	Mm.22216
24359	20513	AI847772	TC162218	type II phosphatidylinositolph	Mm.8771
17865	13560	AI847813	TC207306	null	Mm.44073
23712	47324	AI846046	TC178808	null	Mm.40166
22977	21277	AI834910	null	null	null
16157	19116	AI846484	null	null	Mm.5293
332592	340467	AI846528	null	null	Mm.40486
25735	29332	AI842063	null	null	Mm.40801
23322	21347	AI834917	TC162274	growth factor regulated calciu	Mm.36248
24173	26129	AI846495	TC162703	null	Mm.29502
87509	88524	AI846536	TC160976	null	Mm.29118
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29746	39360	AI847247	TC210098	null	Mm.39859
182572	253968	AI847325	TC173141	monoclonal nonspecific suppres	Mm.4890
21192	29967	AI847412	TC192271	null	Mm.40073
35509	42017	AI847449	TC189000	null	Mm.68831
33678	32285	AI847255	TC175920	null	Mm.34795
42051	50486	AI847342	TC158070	null	Mm.39467
41877	35951	AI847424	TC188246	Fus1 protein	Mm.21739
38559	39270	AI847459	TC175778	null	Mm.29451
0	0	AI845899	TC166562	null	Mm.40831
32065	49327	AI845952	TC188531	null	Mm.41054
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4168	4856	AI846245	TC177738	null	null
52806	84813	AI845920	TC188095	null	Mm.28430
27837	36217	AI846889	TC160611	null	Mm.29028
6255	11321	AI846947	null	null	null
26289	37433	AI846260	TC186442	ubiquitin conjugating enzyme	Mm.1570
10730	9990	AI842099	TC204120	protein kinase C	Mm.1266
7585	15608	AI847285	TC190821	apoptosis signal-regulating ki	Mm.36640
36660	43278	AI847367	null	null	Mm.40170
21082	10907	AI846656	TC163593	null	Mm.45554

5548	8282	AI842113	null	null	null
0	0	AI847296	TC187889	null	Mm.41190
0	0	AI847378	TC206893	null	Mm.39741
7345	8450	AI846666	TC169443	null	null
28561	40652	AI847493	TC174271	translocase of inner mitochond	Mm.24565
31223	44585	AI847850	TC159525	sarco-endoplasmic reticulum Ca	Mm.42255
3279	5593	AI847882	TC187196	Pftaire-1	Mm.63738
25055	26101	AI847531	TC173784	LIS	Mm.64447
21869	32623	AI847821	TC176249	null	Mm.35802
19092	21457	AI847858	null	null	null
17682	14790	AI847890	TC157724	myelin proteolipid	Mm.1268
24946	25363	AI847546	TC161205	unnamed protein product	Mm.29749
66443	71790	AI843906	null	null	Mm.39368
0	0	AI847765	TC160981	null	Mm.41642
119930	137408	AI847803	null	null	Mm.859
27315	37934	AI846113	TC186753	null	Mm.41384
0	0	AI843913	TC157298	null	Mm.37338
25330	33891	AI847774	TC202316	null	Mm.27773
46325	46427	AI847814	TC176040	null	Mm.34342
21132	25969	AI846047	TC189878	null	Mm.38563
17090	15381	AI834911	null	null	Mm.39306
26747	61279	AI846486	TC159923	small EDRK-rich factor 2	Mm.1106
7044	10711	AI846529	TC169450	null	null
38479	43621	AI842066	TC162008	null	Mm.41555
0	0	AI834918	null	null	Mm.43795
26027	26522	AI846497	TC204278	G-protein alpha-z subunit	Mm.44119
10678	18085	AI846538	TC163091	null	Mm.25659
23027	26062	AI842075	TC173246	GP106	Mm.21251
28495	39174	AI847248	TC188521	null	Mm.42359
216113	229815	AI847330	TC186440	null	Mm.19060
30638	29003	AI847417	TC161671	null	Mm.28136
11978	16589	AI847450	TC203241	null	Mm.39861
32626	38438	AI847257	TC175276	null	Mm.68419
36601	45217	AI847346	TC161870	null	Mm.26212
19368	16985	AI847426	TC161098	null	Mm.41678
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11018	13086	AI845901	TC162234	null	Mm.29011
18152	17317	AI845953	TC188162	null	Mm.27932
131176	87029	AI846935	TC173838	null	Mm.30103
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8860	5723	AI845923	TC186597	synaptotagmin 4	Mm.2446
62290	55496	AI846890	TC188580	null	Mm.24025
0	0	AI846948	TC213534	null	null
34283	48902	AI846262	TC163893	null	null
11326	11042	AI842101	TC162712	null	Mm.39473
19122	32015	AI847288	TC187837	null	Mm.41217
27361	27281	AI847368	TC160334	translin	Mm.14644
22782	30937	AI846658	TC161148	MALA-2 protein	Mm.24423
0	0	AI842114	TC175044	null	Mm.36700
31177	33929	AI847300	TC202418	null	Mm.41551
13338	13424	AI847379	TC174065	unknown	Mm.23943

80355	111862	AI846667	TC186794	null	Mm.27357
0	0	AI847494	TC164122	null	Mm.45066
28513	45221	AI847851	TC170177	null	null
50155	76391	AI847883	TC187194	null	Mm.17917
137871	86567	AI847532	TC160283	ATP-specific succinyl-CoA synt	Mm.19154
27812	32763	AI847823	TC206844	null	null
11949	9295	AI847859	TC179903	null	null
35415	36615	AI847891	TC192595	null	Mm.40558
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0	0	AI843907	TC190090	CDV-1R protein	Mm.10125
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33131	56080	AI847804	TC161438	fibrillarlin	Mm.4595
0	0	AI846116	TC162576	null	Mm.68476
36574	39546	AI843915	TC161892	null	Mm.40548
59434	62856	AI847775	TC162456	null	Mm.34007
29191	34568	AI847815	TC162995	null	Mm.28062
13452	16307	AI846048	TC161053	null	Mm.20273
29839	47498	AI834912	null	null	null
22982	11266	AI846487	TC164743	serine/threonine-protein kinas	Mm.41413
60316	55716	AI846531	TC174262	null	Mm.29706
15203	19912	AI842067	TC175632	null	Mm.39703
0	0	AI834919	TC194571	null	Mm.39508
13999	16455	AI846498	null	null	Mm.39853
0	0	AI846540	null	null	null
11618	8388	AI842076	TC160083	null	Mm.22559
36974	32983	AI847249	TC203377	null	Mm.27680
13468	19101	AI847331	TC160495	NPC1	Mm.3484
0	0	AI847418	TC161832	null	Mm.5918
17722	24413	AI847451	TC204168	null	Mm.26648
28944	34652	AI847258	TC158185	glutathione peroxidase	Mm.1090
55281	57064	AI847348	TC173610	ATP sulfurylase/APS kinase	Mm.18161
69062	43432	AI847429	TC161030	null	Mm.28664
32058	109488	AI847461	TC189015	null	Mm.41394
60500	76271	AI845902	TC200309	null	Mm.12459
102794	88579	AI845954	TC201893	null	Mm.27820
15749	16660	AI846937	TC163423	null	Mm.41761
14262	21697	AI846250	null	null	Mm.39196
269302	300119	AI845925	TC204289	null	null
39369	37029	AI846893	TC175868	null	Mm.25648
32567	28139	AI846949	TC187080	nuclear pore-targeting complex	Mm.16710
25160	27558	AI846266	TC165724	glutamate receptor channel sub	Mm.3292
0	0	AI842102	TC160377	null	Mm.28848
7889	13823	AI847289	TC176281	null	Mm.40773
27422	26870	AI847369	TC190537	null	Mm.183
14165	17035	AI846659	TC180311	null	Mm.45026
6928	10044	AI842115	TC201271	homologous to the yeast YGR163	Mm.28746
247385	385618	AI847301	TC159737	surfeit 3 protein	Mm.725
26996	27833	AI847380	TC186684	null	Mm.24808
324578	313980	AI846668	TC200349	Rho family GTPase RhoA	Mm.757
151182	218926	AI847496	null	null	Mm.41223
9864	15064	AI847852	TC176251	null	Mm.37854

51615	62555	AI847886	TC187124	null	Mm.22369
27138	30210	AI847534	TC161243	null	Mm.41840
32844	31804	AI847824	TC161848	null	Mm.41225
59809	41465	AI847860	TC174000	null	Mm.24222
10875	17396	AI847892	TC198604	null	null
42422	64964	AI847551	TC201261	fibroblast growth factor induc	Mm.14501
210485	232047	AI843908	TC186558	RIE2	Mm.30051
51564	68100	AI847767	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
10235	47339	AI847805	TC173107	minopontin precursor (AA -66 t	Mm.321
28526	92533	AI846118	TC174184	null	Mm.28594
17027	18410	AI843917	TC189560	null	Mm.30571
0	0	AI847781	TC190393	null	Mm.4971
110208	131742	AI847817	TC188344	ZO-1	Mm.4342
13771	15452	AI846049	TC191019	lim1	Mm.4965
14329	9458	AI834913	TC186595	null	Mm.41602
11408	17252	AI846488	TC161063	thymic epithelial cell surface	Mm.29710
14687	9007	AI846532	null	null	Mm.28012
45598	40417	AI842068	TC160385	null	Mm.29436
419598	658292	AI834923	TC159762	G protein beta subunit like	Mm.5305
103986	109253	AI846500	TC161496	null	Mm.22358
20356	17520	AI846541	TC204230	neurofilament protein	Mm.2034
23990	25469	AI842077	TC189105	null	Mm.23843
2236831	2035463	AI847251	TC160074	casein kinase I-alpha	Mm.43737
73880	59049	AI847332	TC174282	null	Mm.21761
15175	15295	AI847419	TC178841	null	Mm.36717
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48018	48890	AI847431	TC189457	null	Mm.23073
45599	40228	AI847462	TC187617	null	Mm.29690
25427	21307	AI845904	TC158346	null	Mm.40164
22719	16247	AI845956	TC192047	Potassium channel protein	Mm.39092
50857	85673	AI846943	TC157671	tyrosine kinase	Mm.6839
28830	32011	AI846251	TC202428	null	Mm.39717
31218	35515	AI845926	TC175827	null	Mm.29449
114092	86152	AI846894	TC190447	null	Mm.24238
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89841	85517	AI846268	TC187068	null	Mm.719
27902	35670	AI842103	TC201598	null	Mm.40119
0	0	AI847292	TC160240	null	Mm.37504
23312	20791	AI847370	TC201065	secretory carrier membrane pro	Mm.3230
17291	63414	AI846661	TC175048	null	Mm.33757
39996	38064	AI842116	null	null	Mm.39813
7884	6095	AI847302	TC178012	null	Mm.39609
5782	8666	AI847381	TC173441	retinoblastoma-binding protein	Mm.12145
20588	17964	AI846669	null	null	null
11320	9810	AI847498	TC200227	null	Mm.30195
0	0	AI847853	TC205306	null	Mm.37943
42088	32576	AI847887	TC163119	PCTAIRE-3 protein kinase	Mm.28130
0	0	AI847541	TC163246	zinc finger protein	Mm.12832
7620	15739	AI847825	null	null	Mm.34515

106143	116215	AI847861	TC159484	protein kinase	Mm.1059
75074	59872	AI847893	TC201506	mitogen-activated protein kina	Mm.22612
11760	13144	AI847553	TC190801	null	null
55829	58849	AI843998	TC187078	calcineurin	Mm.41741
11623	15866	AI842787	TC160960	null	null
167859	156735	AI846980	TC162333	zinc transporter 4; ZnT4	Mm.27801
47489	52979	AI847030	TC188316	deformed epidermal autoregulat	Mm.28392
11714	18034	AI842756	TC162036	null	Mm.4857
22983	20119	AI842800	TC192632	null	Mm.35102
19805	17339	AI846990	TC161209	null	Mm.29139
55320	81140	AI847039	null	null	Mm.40493
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35865	35652	AI848173	TC200973	null	Mm.28541
19860	18464	AI848208	TC202535	null	Mm.35084
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0	0	AI848149	TC207113	null	Mm.39614
53389	77970	AI848183	TC187390	null	Mm.29150
17475	20603	AI848220	TC190811	null	Mm.40609
139138	330497	AI849595	TC194986	null	Mm.40876
32290	34021	AI844800	TC173826	calpactin I light chain	Mm.1
53855	70750	AI844866	TC173379	zinc finger protein ZNF216	Mm.2904
61133	75819	AI844823	TC174517	protein 4.1	Mm.30038
0	0	AI849137	TC183477	null	Mm.48703
42679	41308	AI844807	TC159107	null	Mm.34951
127612	129768	AI844873	TC186867	vacuolar adenosine triphospat	Mm.29045
38244	31794	AI844831	null	null	Mm.5293
31750	33657	AI849144	TC175037	NUP50	null
0	0	AI848082	TC170189	null	Mm.40510
25667	25959	AI848114	TC160957	null	Mm.28551
86268	152912	AI845964	TC157657	ribosomal protein S17	Mm.42767
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11399	15218	AI848090	TC161089	null	Mm.27863
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5722	7143	AI845974	TC205983	null	Mm.22915
58556	82700	AI846013	null	null	Mm.39387
20755	17478	AI848398	TC174947	null	Mm.41365
103350	116417	AI848424	TC163685	null	Mm.41355
72471	91069	AI848454	TC160876	null	Mm.22192
33231	35821	AI849487	null	null	null
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52134	49833	AI849503	TC176407	null	Mm.41254
97892	111675	AI849165	TC186642	null	Mm.28586
132098	88461	AI849195	TC200849	null	Mm.27354
18158	21720	AI849227	TC157646	adrenocorticotropic hormone pr	Mm.21878
14868	23481	AI849270	TC202661	null	Mm.30896
23141	19083	AI849174	TC176685	null	null
0	0	AI849202	TC176771	null	Mm.41770
6576	6901	AI849239	TC163674	null	Mm.25644
29204	37334	AI849279	TC159568	ATPase	Mm.29582

11025	18391	AI843999	TC179787	null	null
22445	18038	AI842788	TC203093	null	Mm.29875
10354	8407	AI846981	TC210001	null	Mm.26355
93555	117235	AI847031	TC186866	integrin alpha 6 subunit precu	Mm.25232
11444	14430	AI842757	TC206359	null	Mm.39172
92423	115678	AI842801	TC202926	null	Mm.17875
20639	25651	AI846994	null	null	Mm.21600
61661	69488	AI847041	TC160959	null	Mm.28899
3871	8329	AI848139	TC202759	null	Mm.41153
7292	10894	AI848174	TC204486	null	Mm.31344
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0	0	AI849581	TC194323	null	Mm.57471
0	0	AI848150	TC186804	lithium-sensitive myo-inositol	Mm.8089
27653	29748	AI848184	TC188176	null	Mm.27971
38825	34604	AI848221	TC160750	null	Mm.42826
52147	55313	AI849599	TC157824	histidyl-tRNA synthetase	Mm.10528
113960	65711	AI844801	TC159993	succinate dehydrogenase Fp sub	Mm.22149
0	0	AI844868	TC202831	null	Mm.34908
68479	94087	AI844824	TC203578	endothelin-B receptor	Mm.2377
15222	23560	AI849138	TC201988	null	Mm.40186
75799	118027	AI844808	TC199896	null	Mm.22491
13781	22951	AI844874	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
158955	283841	AI844833	TC163175	null	Mm.46506
87210	129378	AI849146	TC189303	null	Mm.30927
42888	41139	AI848083	TC160965	Id4	Mm.28223
6080	5134	AI848115	TC189317	null	Mm.28619
272422	292349	AI845967	TC174604	cathepsin S	Mm.3619
27416	46569	AI846004	TC200561	OSF-1	Mm.3063
232609	216388	AI848091	TC200596	SDP3	Mm.7356
14861	21352	AI848123	TC161358	null	Mm.41910
31238	24433	AI845975	TC200286	coronin-1	Mm.27317
64977	96625	AI846014	TC160985	null	Mm.28870
19768	22750	AI848399	TC210687	null	Mm.39207
21462	24685	AI848425	TC162948	null	Mm.41476
83619	89343	AI848455	TC200126	p59 immunophilin	Mm.12758
56349	60147	AI849489	TC173732	null	Mm.12390
13264	14167	AI848405	TC162662	null	null
0	0	AI848433	null	null	Mm.40867
0	0	AI848463	TC191403	null	Mm.41283
29744	30623	AI849504	TC191684	null	Mm.40873
18427	13368	AI849168	TC204315	neurexin II	Mm.38036
29795	28843	AI849196	TC200913	null	Mm.3310
22270	34325	AI849229	TC159962	null	Mm.33808
144531	107125	AI849271	TC159726	null	Mm.29165
4444	4280	AI849175	TC202984	null	Mm.28871
17401	24617	AI849205	TC157880	null	Mm.2152
52085	78239	AI849240	TC203137	null	null
8339	11084	AI849280	TC188043	null	Mm.29989
58993	76790	AI844000	null	null	Mm.40147
37395	47963	AI842791	TC180774	null	Mm.55641
22592	26596	AI846983	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323

127749	98058	AI847032	TC173394	cytochrome c oxidase subunit V	Mm.2151
14078	20915	AI842759	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.33728
57466	59855	AI842803	TC158389	includes exons 3 through 12	Mm.34810
17045	21127	AI846995	TC178485	null	null
12692	11120	AI847045	TC175663	Ser/Thr kinase KKIAMRE-delta	Mm.18133
0	0	AI848140	null	null	Mm.16773
0	0	AI848175	TC201964	null	Mm.33848
29246	42240	AI848216	TC186679	null	Mm.28670
0	0	AI849583	TC188783	null	Mm.41523
21765	30479	AI848153	TC179629	null	Mm.31289
34384	54933	AI848189	TC200436	null	Mm.29890
27092	50839	AI848222	TC160742	GDP-dissociation inhibitor	Mm.28187
0	0	AI849600	TC202530	null	Mm.29458
15793	28461	AI844802	TC161425	transcriptional repressor RP58	Mm.27962
38460	49863	AI844869	TC180553	null	Mm.40468
10298	12698	AI844826	TC162407	neurotensin receptor	Mm.5153
0	0	AI849139	TC179446	null	Mm.40515
17538	33709	AI844809	null	null	null
27738	39047	AI844875	TC202385	branched-chain amino acid amin	Mm.4811
64771	121102	AI849117	TC159808	Csa-19	Mm.2424
59617	84006	AI849147	TC164332	null	Mm.41763
55967	44330	AI848085	TC207418	null	Mm.39400
109997	139345	AI848116	TC173252	translation repressor NAT1	Mm.525
101675	114154	AI845968	TC159978	plasma phospholipid transfer p	Mm.7046
25517	35315	AI846005	TC186704	null	Mm.34411
81272	86334	AI848093	TC162311	null	Mm.7686
41906	55216	AI848124	TC176734	null	Mm.39700
17633	24342	AI845976	TC210017	null	Mm.43862
14733	18111	AI846016	TC202448	ADP-ribosylation factor-direct	Mm.5237
42070	84500	AI848400	TC160349	null	Mm.35844
253974	192040	AI848426	TC164246	mkr3	Mm.1176
79919	93322	AI848457	TC173569	proteasome subunit X	Mm.8911
14208	18401	AI849495	TC163249	null	Mm.24637
10459	9882	AI848406	TC176851	null	Mm.39208
12982	10196	AI848435	TC187262	null	Mm.28422
7036	6216	AI848465	TC210815	null	Mm.63855
49927	53881	AI849505	TC164582	null	Mm.39284
0	0	AI849170	TC162035	beta subunit of Ca ²⁺ /calmodu	Mm.4857
22091	22708	AI849197	null	null	Mm.35851
20405	24372	AI849232	TC202564	null	Mm.27738
68600	97401	AI849272	TC161697	null	Mm.40517
67443	90148	AI849176	TC173490	heparin binding protein 44	Mm.4560
21580	35503	AI849206	TC169694	null	Mm.44127
29313	30364	AI849242	TC205663	null	Mm.38573
94478	79232	AI849281	TC173053	pro-alpha-2(I) collagen	Mm.4482
63869	73842	AI842746	null	null	null
14646	19980	AI842792	null	null	Mm.39173
39796	43655	AI846984	TC174165	null	Mm.10285
42717	31976	AI847035	null	null	Mm.39394
89347	94908	AI842763	TC205901	epidermal growth factor recept	Mm.11545
8977	11225	AI842806	TC209978	null	null

0	0	AI846999	null	null	null
30759	36012	AI848062	TC168211	null	Mm.2523
65180	78099	AI848146	TC158427	null	Mm.28488
67262	96118	AI848176	TC200434	null	Mm.23693
65543	64230	AI848217	TC161830	null	Mm.22726
6961	52491	AI849590	TC204968	null	Mm.32839
95963	108940	AI848154	TC200308	BTEB-1 transcription factor	Mm.24329
118477	116758	AI848190	TC200182	null	Mm.1893
9195	10830	AI848224	TC203336	null	null
0	0	AI849602	TC206958	null	Mm.68524
42068	38024	AI844804	TC186759	null	Mm.5856
29657	30455	AI844870	TC177969	engrailed protein	Mm.4298
22343	26813	AI844827	TC201953	mitochondrial ribosomal protei	Mm.364
12156	15366	AI849140	TC180955	null	null
40342	52406	AI844810	TC189095	protein kinase	Mm.18856
22514	25973	AI844876	null	null	Mm.36670
186082	300450	AI849118	null	null	Mm.5293
0	0	AI849148	null	null	null
0	0	AI848086	TC180896	null	Mm.39613
0	0	AI848117	null	null	Mm.15571
6836	10175	AI845970	TC157456	null	Mm.40254
6174	6207	AI846007	null	null	null
0	0	AI848094	TC200725	null	Mm.29685
43012	50766	AI848125	TC203290	adenylosuccinate synthetase	Mm.3440
0	0	AI845977	TC188622	null	Mm.21568
10177	10140	AI846017	TC160901	null	Mm.33947
19409	27175	AI848401	TC189067	null	Mm.45746
72732	73246	AI848427	TC200628	vesicle associated membrane pr	Mm.28643
58621	80010	AI848458	TC161159	null	Mm.29452
9698	14264	AI849496	TC177978	null	Mm.41284
14282	21626	AI848407	TC159647	prealbumin	Mm.2108
81336	74133	AI848438	null	null	Mm.41663
7979	8393	AI848466	TC201263	carbonyl reductase	Mm.21454
0	0	AI849507	TC189459	null	Mm.44128
27214	35170	AI849171	TC160435	aortic carboxypeptidase-like p	Mm.35788
40719	48101	AI849198	TC164978	null	Mm.32107
23517	23624	AI849233	TC181735	null	null
16582	19262	AI849273	TC164649	null	Mm.33388
33156	50313	AI849177	TC163672	null	Mm.41639
19139	30166	AI849208	TC177737	neuronal protein 4.1	Mm.20852
11804	13244	AI849245	TC187923	tryptophan--tRNA ligase	Mm.38433
17553	21823	AI849282	TC202850	null	Mm.32646
0	0	AI842752	TC174040	TOLLIP protein	Mm.29519
17799	17444	AI842795	TC176273	null	Mm.23971
114551	121055	AI846985	TC175842	null	Mm.27397
22959	28286	AI847036	TC188993	null	Mm.41554
42536	50422	AI842764	TC160309	TMEFF2	Mm.23304
71863	81816	AI842809	null	null	Mm.5293
20874	29399	AI847000	TC189660	Pdcd9	Mm.29109
29763	32287	AI848063	TC161745	null	Mm.34452
19459	18532	AI848147	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355

23215	20370	AI848177	TC186528	null	Mm.27401
33056	33419	AI848218	TC164452	null	Mm.39972
0	0	AI849592	TC201799	RNA binding protein Elavl4	Mm.3970
28786	35042	AI848155	TC175025	null	Mm.18876
96163	137288	AI848191	TC201063	house-keeping protein	Mm.103
50265	62084	AI848225	TC200530	null	Mm.27671
7667	8841	AI849605	TC163098	null	Mm.30702
59067	100323	AI844805	TC174480	null	Mm.27206
89052	88516	AI844871	TC188772	null	Mm.41640
16268	24303	AI844828	TC162848	glycine transporter	Mm.2834
62263	91688	AI849142	TC187318	mitotic checkpoint protein BUB	Mm.927
64217	51504	AI844846	TC188540	null	Mm.24395
8567	13096	AI844877	TC165842	null	null
24193	30924	AI849119	TC163383	null	Mm.1896
19694	22362	AI849149	TC173194	null	Mm.29815
19959	26144	AI848088	TC200934	beta-1,4-galactosyltransferase	Mm.24545
26566	36250	AI848120	TC162564	null	Mm.23079
73093	72680	AI845971	TC175277	null	null
13824	17637	AI846009	TC157249	null	Mm.23141
36587	33837	AI848095	TC190084	null	Mm.41614
11165	9539	AI848126	null	null	Mm.39205
110878	115555	AI845979	null	null	Mm.39598
94095	114121	AI846018	null	null	null
25606	17754	AI848402	TC158218	MHC H2-TL-T17-c	Mm.33263
23667	22866	AI848429	TC190825	null	Mm.39466
13972	20789	AI848459	TC169492	null	Mm.40180
14717	7959	AI849501	null	null	null
64994	99159	AI848408	TC159878	Id2 protein	Mm.1466
58565	62235	AI848439	TC175832	null	Mm.41932
82826	72994	AI848468	TC201060	null	Mm.1608
17174	21004	AI849508	TC181510	null	Mm.39876
0	0	AI849172	TC158621	null	Mm.41019
24044	25536	AI849199	TC188594	null	Mm.44126
100857	119315	AI849235	TC173252	translation repressor NAT1	Mm.525
8372	9400	AI849275	TC187727	null	Mm.38956
10702	15216	AI849178	null	null	Mm.43125
10040	6569	AI849209	TC159444	null	Mm.19133
21906	49571	AI849247	TC181475	null	Mm.24111
269999	407591	AI849283	TC161262	null	Mm.39625
0	0	AI842754	TC160153	null	Mm.29971
116190	174424	AI842796	null	null	Mm.40129
167723	30545	AI846986	TC205945	null	Mm.41139
39713	37772	AI847038	null	null	null
19359	21750	AI842765	TC176935	null	Mm.26548
195640	200456	AI842812	null	null	null
146093	126474	AI847002	TC187286	vacuolar adenosine triphosphat	Mm.1081
31700	35985	AI848064	TC165387	possible additional N terminal	Mm.4947
0	0	AI848148	TC210691	null	Mm.39401
45935	53920	AI848179	TC202665	null	Mm.38431
34836	39346	AI848219	TC201827	unnamed protein product	Mm.27160
11335	13883	AI849594	TC162509	G-protein coupled receptor	Mm.12860

53346	51934	AI848156	TC191244	null	Mm.41233
26773	14678	AI848192	TC175262	preprosomatostatin	Mm.2453
50693	51553	AI849543	TC203092	null	Mm.41867
22497	32152	AI849606	TC201413	folate receptor alpha precursor	Mm.2135
88754	92309	AI844806	TC187186	Borg4	Mm.21921
14331	12191	AI844872	TC164022	seven pass transmembrane recep	Mm.39728
24142	28446	AI844829	TC161345	null	Mm.41181
11208	9363	AI849143	TC174757	null	null
47398	50800	AI844847	TC190310	null	Mm.29167
0	0	AI844878	TC161485	null	Mm.40276
30343	40650	AI849120	TC161790	TDAG51	Mm.3117
97233	103489	AI849150	TC162753	null	Mm.29777
17133	19826	AI848089	TC206310	zinc-finger homeodomain protei	Mm.41522
47390	35150	AI848121	TC175308	Herc2	Mm.20929
18819	18466	AI845973	TC177398	null	Mm.39848
16460	15924	AI846010	TC203056	DNA polymerase zeta catalytic	Mm.2167
63174	38648	AI848096	TC189947	DAL1P	Mm.40511
11046	13310	AI848127	TC161948	null	Mm.29963
21683	23268	AI845981	TC200609	null	Mm.27319
73303	73283	AI846019	TC186853	unknown	Mm.692
68933	64446	AI848403	TC203236	cGMP phosphodiesterase; PDE9A1	Mm.10812
94255	82573	AI848430	TC188889	null	Mm.26506
0	0	AI848460	null	null	null
48536	67567	AI849502	TC159443	CDEI binding protein	Mm.19133
0	0	AI848409	TC205987	null	Mm.39870
31636	26904	AI848441	TC174234	null	Mm.28876
14672	17468	AI848469	TC201427	null	Mm.21407
61661	54544	AI849509	TC158204	MHC class I heavy chain precur	Mm.33263
4750	5408	AI849173	TC165253	null	Mm.44231
106694	61646	AI849200	TC174109	glutathione transferase	Mm.2662
9265	9254	AI849238	TC159857	null	Mm.25298
5994	4190	AI849278	TC178636	null	Mm.40187
0	0	AI849179	TC204025	null	Mm.27813
0	0	AI849210	TC158807	insulin-like growth factor bin	Mm.22248
39970	47628	AI849249	null	null	null
33479	37703	AI849284	TC194166	null	Mm.51575
26230	24774	AI849006	TC165921	null	null
0	0	AI844455	TC165852	null	null
34730	33363	AI844496	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
136080	236629	AI848720	null	null	null
25437	26610	AI849017	TC175978	prediabetic NOD sera-reactive	Mm.18805
30049	55526	AI844467	null	null	Mm.43100
26864	24729	AI844512	null	null	null
22366	26658	AI848726	TC206327	null	Mm.35785
76584	98533	AI849697	TC187297	null	Mm.60980
0	0	AI844305	TC160898	null	Mm.38173
18237	15023	AI849712	TC199325	null	Mm.40193
66972	42618	AI849761	TC161356	PRAJA1	Mm.8211
6091	6636	AI844267	TC158384	null	Mm.29729
22482	25098	AI844316	TC174981	junD protein (AA 1-341)	Mm.1175
33423	27079	AI849722	TC157732	null	Mm.22179

31348	39511	AI849768	TC208717	null	Mm.40629
23461	30381	AI850339	TC203544	DSD-1-proteoglycan	Mm.40277
21864	27407	AI850383	null	null	null
131568	167509	AI850419	TC200669	null	Mm.30242
115578	139484	AI850470	null	null	Mm.40887
4738	4651	AI850351	TC205070	null	Mm.32955
38380	33318	AI850389	TC173974	null	Mm.13430
38436	47680	AI850427	TC186800	WSB-1	Mm.28719
8594	8880	AI850480	TC176966	null	Mm.39977
85440	133616	AI848744	TC159469	heat shock protein 84	Mm.2180
7775	7242	AI844545	TC178200	null	Mm.43345
11845	10735	AI844565	null	null	Mm.39585
6478	7184	AI844579	null	null	Mm.5293
10349	10684	AI848746	TC158978	brain amphiphysin 2	Mm.4383
47556	62116	AI844550	TC190606	null	Mm.32086
0	0	AI848793	null	null	Mm.5152
7974	8840	AI844589	TC191270	null	Mm.40462
58418	83695	AI844709	TC174038	null	Mm.20313
51561	72416	AI844751	TC158944	null	Mm.28982
39047	43331	AI844632	TC189052	null	Mm.38291
36472	47262	AI844664	TC174446	null	Mm.41750
10337	7139	AI844716	TC200978	null	Mm.30123
20660	23751	AI844766	TC198431	null	null
28305	31610	AI844641	TC204158	null	Mm.39295
9026	4773	AI844675	TC204092	null	Mm.39188
22715	22313	AI850757	TC174108	Ubc6p homolog	Mm.1971
6191	7823	AI850790	TC210709	null	Mm.51564
23814	21118	AI850829	TC163208	null	null
66338	77243	AI850554	TC157622	proline-rich protein	Mm.28797
11850	15282	AI850764	TC176699	null	Mm.34649
37061	39818	AI850802	TC176648	null	Mm.44134
56006	96519	AI850523	TC205806	null	Mm.40582
6922	14295	AI850565	TC200561	OSF-1	Mm.3063
19249	21008	AI849007	TC162414	null	Mm.40611
248055	374076	AI844459	TC204451	null	Mm.29260
33377	36697	AI844497	TC162178	null	Mm.39856
8806	9940	AI848722	TC188300	GRIN1	Mm.40522
11591	11513	AI849018	TC205872	null	Mm.44915
4321	5705	AI844470	null	null	Mm.40461
0	0	AI844516	null	null	Mm.45231
11811	17724	AI848728	TC176772	prenylated SNARE protein Ykt6	Mm.28680
44961	49377	AI849700	TC204139	null	Mm.24330
0	0	AI844307	TC188750	dnaJ-like protein	Mm.18237
21415	30883	AI849715	TC204637	G protein alpha i1 subunit	Mm.36875
21215	28660	AI849762	TC203193	null	Mm.33057
0	0	AI844268	null	null	null
35252	37591	AI844317	TC169752	null	Mm.41137
0	0	AI849724	TC203225	Rho-GDI3 gene product	Mm.1383
0	0	AI849771	TC190011	null	null
22679	22748	AI850340	TC187395	Rab 11	Mm.1387
0	0	AI850392	null	null	null

93060	100878	AI850420	TC157682	null	Mm.18516
0	0	AI850472	null	null	null
29570	34800	AI850352	TC201277	null	Mm.22428
0	0	AI850390	TC164918	null	Mm.19440
14411	24057	AI850428	TC200387	carbonic anhydrase II	Mm.1186
7270	4725	AI850482	TC178225	null	Mm.6358
41530	56625	AI844537	null	null	Mm.39583
17306	24267	AI848763	TC191161	null	Mm.44368
13472	18634	AI848788	TC175562	null	Mm.41898
0	0	AI844580	TC164176	null	null
26091	25824	AI848747	TC200311	fractalkine/neurotactin	Mm.3205
44696	63850	AI848769	TC173080	zinc finger protein	Mm.17519
64254	67079	AI844566	TC202734	null	Mm.40282
270357	289670	AI844592	null	null	null
55366	81896	AI844710	null	null	Mm.41059
17165	25055	AI844752	TC189899	null	Mm.27143
628689	800569	AI844634	null	null	Mm.43778
17104	20649	AI844665	TC162590	null	Mm.5083
15638	17484	AI844718	TC168120	null	Mm.39294
29601	40105	AI844769	TC201610	null	Mm.41940
24984	31241	AI844642	TC175063	null	Mm.29205
0	0	AI844676	null	null	null
17762	15170	AI850758	null	null	null
0	0	AI850791	null	null	null
30009	38131	AI850830	TC176498	Cdc42/Rac effector kinase PAK-	Mm.35382
25484	38553	AI850555	TC173755	JUN-B protein	Mm.1167
10526	11618	AI850768	TC163625	null	Mm.39888
23170	32047	AI850803	TC178580	null	Mm.19313
34385	49577	AI850525	TC175154	null	Mm.27762
0	0	AI850566	null	null	Mm.40203
13855	19515	AI849008	TC187962	null	Mm.28659
66162	60250	AI844460	TC202183	SAP102	Mm.4615
3151	4020	AI844498	TC196289	null	Mm.33390
0	0	AI848723	TC162844	null	Mm.4079
10850	13852	AI849019	TC175518	MOBP170	Mm.41607
30858	37346	AI844473	null	null	Mm.39372
67584	98236	AI844517	TC186609	Rnf4	Mm.21281
12070	16940	AI844531	TC161641	null	Mm.28924
16429	12991	AI849706	TC174030	null	Mm.21634
17893	19520	AI844310	null	null	null
27049	27341	AI849717	TC178790	null	Mm.40278
20964	28951	AI849763	TC201076	null	Mm.8686
114007	121569	AI844273	TC169412	null	null
109732	124237	AI844318	TC190753	null	Mm.40035
7336	7730	AI849725	null	null	Mm.39880
49281	63971	AI849775	TC173447	osteoblast specific factor 2 p	Mm.10681
37313	45383	AI850346	TC173767	null	Mm.30069
43471	64158	AI850393	TC189293	null	Mm.40985
0	0	AI850421	null	null	Mm.40886
50278	62906	AI850476	TC176661	null	null
54084	73402	AI850354	TC174287	null	Mm.29112

45070	53314	AI850396	TC173279	NFE2-related factor 1	Mm.6743
83103	102609	AI850429	TC200758	null	Mm.32624
45295	50263	AI850483	TC163324	null	Mm.31751
13497	22840	AI844538	TC174981	junD protein (AA 1-341)	Mm.1175
142941	123028	AI844547	TC158499	ifngr2	Mm.22698
45140	64102	AI848789	TC176197	member of BCL7 gene family	Mm.2898
0	0	AI844584	TC176096	null	Mm.41643
87448	107982	AI848748	TC160375	null	Mm.34606
11066	12095	AI844552	TC175117	tau-protein	Mm.1287
41475	52926	AI848796	TC201577	TFIID	Mm.43711
11528	12932	AI844594	TC162394	null	Mm.41459
7555	3659	AI844711	TC174813	null	Mm.20420
20198	28785	AI844756	TC160033	null	Mm.29323
20693	12121	AI844636	TC200095	null	Mm.622
114007	117408	AI844668	TC186727	null	Mm.25148
86445	94871	AI844721	null	null	null
38718	40078	AI844771	TC200568	unnamed protein product	Mm.27903
127527	118378	AI844643	TC187213	mlrq-like protein	Mm.41926
17610	18204	AI844677	TC204114	kinesin heavy chain	Mm.41576
53454	48903	AI850760	TC160654	null	Mm.29987
33818	41598	AI850793	TC188726	nuclear receptor coactivator R	Mm.27592
29853	24078	AI850511	TC202394	null	Mm.18098
35780	49972	AI850556	TC190337	null	Mm.39419
29343	35503	AI850769	TC174965	beta-preprotachykinin A	Mm.1440
32407	37077	AI850804	null	null	Mm.40204
38776	40902	AI850527	TC161977	null	Mm.24082
23903	27286	AI850573	TC190342	attractin	Mm.61773
62708	63748	AI849009	TC201141	null	Mm.41665
22271	26185	AI844461	TC177643	null	Mm.41455
264235	255212	AI844503	TC175645	GTP cyclohydrolase I	Mm.10651
187864	308959	AI844528	TC159789	ribosomal protein L8	Mm.30066
42688	61163	AI849020	TC187211	null	Mm.34401
16643	22524	AI844475	TC189130	null	Mm.30557
24681	32284	AI844518	TC200531	syntaxin 6	Mm.41462
24141	31236	AI848729	TC161399	null	Mm.39482
164370	200169	AI844264	TC158900	beta proteasome subunit	Mm.368
8330	11691	AI844311	TC201693	null	Mm.29681
10868	17350	AI849718	TC173981	null	Mm.18924
0	0	AI849764	TC179671	null	null
8847	5273	AI844274	TC160313	null	Mm.730
13794	11270	AI844319	TC174792	null	Mm.14534
43030	61294	AI849729	TC173907	null	Mm.46176
60567	33446	AI849776	TC175016	null	Mm.28890
136548	120163	AI850348	TC200964	unnamed protein product	Mm.18230
94645	71961	AI850395	TC161049	Bet1p homolog	Mm.23564
14665	25669	AI850422	TC177848	null	Mm.44834
122801	137843	AI850477	TC189207	null	Mm.38492
24814	34528	AI850355	null	null	null
7686	3735	AI850398	null	null	null
11065	9626	AI850430	TC195019	null	Mm.39381
18926	17049	AI850484	TC163358	potassium channel protein	Mm.40672

36935	42302	AI844539	TC188467	null	Mm.27665
20133	29361	AI848764	TC189713	null	Mm.27226
10365	21768	AI848790	TC159001	null	Mm.43358
9222	18025	AI844585	TC173721	beta-galactosidase	Mm.2040
30357	31108	AI848749	TC200442	GAP111	Mm.18517
49196	42854	AI848772	TC161154	null	Mm.28760
4201	9415	AI848797	TC201957	null	Mm.38578
8368	11785	AI848903	TC177073	null	Mm.39963
50843	46784	AI844712	null	null	null
46438	59021	AI844757	TC161983	null	Mm.40466
17869	17266	AI844637	TC190026	null	Mm.32119
57675	45170	AI844670	TC186709	null	Mm.30114
35840	35365	AI844726	TC162725	null	Mm.954
47918	43637	AI844773	TC167441	null	Mm.39996
35656	44876	AI844644	TC201185	ninjurin	Mm.18503
23205	28218	AI844678	TC176849	null	Mm.26897
48022	48024	AI850761	null	null	Mm.42270
40438	45074	AI850798	TC174954	null	Mm.28709
32454	40181	AI850517	TC200732	null	Mm.28426
6730	9506	AI850557	null	null	Mm.68836
67403	63820	AI850770	TC195037	null	Mm.40889
114020	98212	AI850806	TC175311	alpha diacylglycerol kinase; a	Mm.19981
194271	143208	AI850530	TC158914	null	Mm.41914
47935	47555	AI850575	TC158525	phospholipase C-L2	Mm.28034
8733	13251	AI849013	TC205587	null	Mm.38365
13222	16285	AI844464	TC175287	null	Mm.41804
150807	130051	AI844507	TC160667	null	Mm.28163
235861	387069	AI844529	TC159715	null	Mm.7215
18401	23332	AI849021	TC189839	null	Mm.29537
11705	16686	AI844476	null	null	Mm.40150
13757	15533	AI848711	null	null	null
79561	99434	AI848730	TC187367	null	Mm.29801
21251	22925	AI844265	TC161522	Bodenin	Mm.6818
18418	22101	AI844312	TC203473	intersectin-EH binding protein	Mm.3091
55508	64223	AI849720	null	null	null
6439	8425	AI849765	TC197021	null	null
63092	79819	AI844279	TC186674	MHR23B	Mm.26955
25406	28982	AI844320	null	null	null
57697	48552	AI849733	TC208197	null	null
31994	56929	AI849777	TC181634	null	Mm.40880
446132	281679	AI850349	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
10984	11034	AI850386	null	null	Mm.41148
49457	55078	AI850423	TC161335	null	Mm.259
8451	8080	AI850478	null	null	Mm.39218
55222	61911	AI850359	TC159452	Dlgh1 homolog	Mm.382
31402	23530	AI850401	TC161142	null	Mm.22123
33223	55718	AI850432	TC203859	null	Mm.1469
34293	27391	AI850485	TC188130	null	Mm.29138
61524	66120	AI844540	TC200030	BAP-135 homolog	Mm.22593
0	0	AI844548	TC160336	null	Mm.36765
91430	54720	AI848791	TC201179	null	Mm.28237

27292	22249	AI844586	TC159133	null	Mm.29923
36737	44592	AI848750	TC173710	null	Mm.41097
23526	27949	AI844555	TC159099	null	Mm.41352
16359	18692	AI848798	TC201323	small stress protein-like prot	Mm.21549
46037	61673	AI844602	TC196288	null	Mm.25523
51594	55704	AI844713	TC160497	null	Mm.32088
81282	103984	AI844759	TC161312	null	Mm.27404
23060	24770	AI844638	TC164550	null	Mm.39713
23027	27816	AI844672	TC179713	null	null
76029	75731	AI844727	TC186532	male-enhanced antigen	Mm.2395
293177	265515	AI844775	TC200304	thioredoxin	Mm.1275
448344	463507	AI844645	TC200293	SDR1	Mm.15125
65976	60333	AI844679	TC187792	null	Mm.22264
207052	127930	AI850762	TC202143	alpha-mannosidase	Mm.4389
13873	12781	AI850799	TC201528	null	Mm.27768
10567	13111	AI850518	TC174239	null	Mm.22336
404491	356848	AI850560	TC160230	NADP-dependent isocitrate dehy	Mm.9925
77804	78756	AI850771	null	null	null
110483	104823	AI850808	TC173241	14-3-3 protein beta	Mm.34319
9337	11458	AI850533	TC163138	Vg-1 related protein	Mm.3997
14433	12382	AI850578	TC173583	null	Mm.38868
14811	12457	AI849015	TC177963	null	null
0	0	AI844466	TC163219	Myc antagonist Mnt	Mm.3759
42228	36290	AI844511	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
717575	777807	AI848724	null	null	null
0	0	AI849022	TC162394	null	Mm.44729
0	0	AI844477	TC187784	null	Mm.33954
30045	37553	AI844519	null	null	null
300092	403175	AI844532	TC186981	null	Mm.28150
107910	112777	AI844266	TC203283	null	Mm.26862
17475	20598	AI844315	TC182721	null	Mm.44845
49023	58167	AI849721	TC188729	null	Mm.1654
87575	90272	AI849766	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
101944	130389	AI844280	TC159823	lymphocyte differentiation ant	Mm.1583
77798	84533	AI844321	TC157671	tyrosine kinase	Mm.35650
13675	15902	AI849734	null	null	null
127561	171931	AI849779	TC158343	null	Mm.27700
203531	158065	AI850350	TC169734	null	Mm.41266
169526	173772	AI850388	TC200211	null	Mm.6932
19230	18138	AI850424	TC192288	null	Mm.41346
108000	98312	AI850479	TC160316	gamma-2 adducin	Mm.33858
40157	38078	AI850360	null	null	Mm.39418
0	0	AI850402	TC157281	null	Mm.40642
27774	28919	AI850433	TC187602	Cadherin-related neural recept	Mm.41157
53628	51930	AI850487	TC203111	null	Mm.35416
1249023	938368	AI844541	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
16889	22186	AI848765	TC174908	null	Mm.34077
10229	9396	AI848792	TC165019	null	null
7886	8204	AI844588	TC177756	null	Mm.41695
10330	10286	AI848751	TC202972	null	Mm.32939
58568	60895	AI844556	null	null	Mm.39186

8925	13823	AI844567	TC187182	LNXP70	Mm.10179
17635	23186	AI848904	TC162627	factor VIII-associated protein	Mm.5154
7496	13517	AI844715	null	null	null
36901	44327	AI844761	TC187557	null	Mm.23702
23012	26551	AI844640	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
0	0	AI844674	TC201533	alpha-synuclein	Mm.17484
43448	51218	AI844728	TC174898	null	Mm.41599
57042	56410	AI844779	null	null	null
66278	74823	AI844646	TC208679	null	null
348197	317322	AI844682	TC173057	null	Mm.38465
54743	40464	AI850763	TC162215	null	Mm.45768
430628	401811	AI850801	TC200236	null	Mm.24086
2930	4646	AI850522	TC176147	integral membrane protein	Mm.1304
5201	4769	AI850562	TC173957	unknown protein	Mm.40674
5592	7839	AI850772	null	null	Mm.44009
10910	8243	AI850809	TC175293	null	Mm.34493
10579	10889	AI850534	TC201943	ets-related protein	Mm.4866
0	0	AI850581	TC201364	sepiapterin reductase	Mm.28393
43397	65075	AI851673	TC163414	null	Mm.27219
80011	96904	AI851705	TC173153	PR65	Mm.1034
54134	53740	AI852383	TC177294	null	Mm.41055
22367	26958	AI852414	TC162115	null	Mm.22351
6835	9874	AI851680	null	null	Mm.40537
9620	11636	AI851712	TC210692	null	Mm.40213
0	0	AI852390	TC201495	unknown	Mm.28337
21425	33695	AI852461	null	null	Mm.39660
0	0	AI852642	null	null	null
0	0	AI853966	TC206424	null	null
0	0	AI854001	TC188335	null	Mm.24742
4954	8111	AI852515	TC191484	protein kinase C gamma	Mm.7980
0	0	AI853940	TC166453	null	Mm.23293
11364	12988	AI853978	TC176569	null	Mm.28358
0	0	AI852491	TC189166	null	Mm.38422
13185	14973	AI852523	TC161493	PEX5p	Mm.22418
6801	6499	AI852195	TC187779	glycinamide ribonucleotide syt	Mm.4505
23726	20333	AI852225	null	null	Mm.9307
0	0	AI853490	TC181684	null	null
15250	16004	AI853519	TC192367	null	Mm.39935
0	0	AI852201	TC205107	null	Mm.68838
0	0	AI852234	TC181290	null	Mm.41549
7437	34862	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
3874	9180	AI852010	TC179649	null	Mm.36275
12579	10592	AI853332	TC161716	null	Mm.40323
0	0	AI851959	null	null	Mm.34544
14310	14336	AI851989	TC206963	null	Mm.41811
43834	54662	AI852019	TC200947	aminopeptidase	Mm.14894
0	0	AI853339	TC196960	null	Mm.42443
23337	20787	AI852550	null	null	null

5463	10019	AI851878	null	null	Mm.39228
9236	12407	AI851908	null	null	null
38313	61533	AI851942	TC159196	null	Mm.46830
9186	7961	AI852559	TC201572	L23 mitochondrial-related prot	Mm.12144
65704	81435	AI851886	TC190969	null	null
55270	58626	AI851914	TC175205	null	Mm.37722
0	0	AI851949	TC158551	null	Mm.41651
15506	16514	AI853549	TC200769	Xap89 protein	Mm.35792
38784	41015	AI852269	TC190539	null	Mm.24760
11845	10421	AI852307	TC191983	null	Mm.39732
60035	94850	AI853086	TC173194	null	Mm.29815
0	0	AI853555	TC188716	null	Mm.41936
0	0	AI852278	TC200470	E2-20K	Mm.23774
12581	10912	AI852316	TC186999	null	Mm.41443
0	0	AI853093	TC204952	null	null
28521	31575	AI851674	TC161853	null	Mm.27703
3019	4612	AI851706	TC160058	zipper protein kinase	Mm.4358
16351	26144	AI852384	TC191682	null	null
22357	28903	AI852415	TC178221	null	null
30026	34908	AI851681	TC201839	null	Mm.41904
4586	8028	AI851713	TC157258	null	Mm.24282
25581	14241	AI852391	TC191911	null	Mm.24073
0	0	AI852463	TC177381	receptor protein tyrosine phos	null
0	0	AI852645	TC175565	null	Mm.6960
19434	15376	AI853968	TC200806	endophilin II	Mm.1773
10330	18071	AI854003	TC177543	null	Mm.41833
0	0	AI852516	null	null	Mm.39430
4216	6256	AI853942	TC176217	null	Mm.33780
9156	4024	AI853979	TC164341	null	Mm.23746
27604	21546	AI852492	TC163191	Cdc42/Rac effector kinase; PAK	Mm.3392
107100	57099	AI852524	TC201465	null	Mm.22029
0	0	AI852196	TC201606	TNF intracellular domain-inter	Mm.29475
7580	8397	AI852226	TC166428	null	Mm.44144
14979	15486	AI853491	TC175760	bone morphogenetic protein	Mm.27757
0	0	AI853520	TC201428	null	Mm.23823
57163	43824	AI852202	TC203222	serine protease 4	Mm.22693
0	0	AI852235	TC188697	suppressor of white apricot ho	Mm.20913
6549	8108	AI853497	TC200301	thioredoxin	Mm.3533
0	0	AI853528	TC165452	null	Mm.40572
26017	46451	AI852487	TC188077	null	Mm.33567
82805	105420	AI851984	TC186995	null	Mm.29617
24375	29829	AI852011	TC203885	null	Mm.27730
39925	49353	AI853333	TC191645	null	Mm.27605
8836	12811	AI851960	TC186783	null	Mm.28067
20440	25057	AI851990	TC161314	beta-catenin-interacting prote	Mm.41550
11092	22707	AI852022	TC201167	null	Mm.29960
19442	24495	AI853340	TC176907	null	Mm.24632
0	0	AI852551	TC190209	zinc finger protein ZFP235	Mm.40328
47503	57305	AI851879	TC200809	cofactor A	Mm.1863
20271	22709	AI851909	TC204147	null	Mm.34833
8609	10902	AI851943	TC204749	null	Mm.35728

0	0	AI852560	TC188198	null	Mm.34521
15683	17936	AI851887	TC201902	null	Mm.27544
8577	10986	AI851915	TC191723	null	Mm.40641
4380	7180	AI851950	TC207703	null	null
0	0	AI853550	TC175197	null	Mm.37075
4207	3589	AI852270	null	null	Mm.39234
16890	19953	AI852308	TC174360	null	Mm.41458
10843	18456	AI853087	TC173059	unnamed protein product	Mm.4271
25426	8357	AI853556	TC177556	null	Mm.41343
4348	6278	AI852283	TC177014	null	Mm.34056
37361	59317	AI852317	TC159576	cytoplasmic protein Ndr1	Mm.4063
16883	10869	AI853094	null	null	Mm.40564
16619	17582	AI851675	TC176455	null	null
15736	21487	AI851708	TC158481	null	Mm.28553
12177	13083	AI852385	TC203339	null	Mm.23630
11315	7426	AI852456	null	null	Mm.40221
19922	18430	AI851682	TC178807	null	Mm.39225
24286	32965	AI851714	TC201770	homeobox protein	Mm.40908
0	0	AI852392	null	null	Mm.39429
103455	200787	AI852465	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
51899	36562	AI852646	TC162130	null	Mm.7165
0	0	AI853970	TC168792	null	null
11643	15824	AI854004	TC203380	null	Mm.31550
10396	18695	AI852518	TC205268	null	Mm.46200
22094	22045	AI853943	TC163026	zinc-finger factor FOG2	Mm.39260
21084	34646	AI853980	TC173288	S-adenosylmethionine decarboxy	Mm.7880
23377	23195	AI852494	TC188387	null	Mm.25720
10138	15639	AI852526	TC174869	null	Mm.40025
0	0	AI852197	TC176096	null	Mm.41643
10204	20042	AI852227	TC204707	null	Mm.29207
27555	27044	AI853492	null	null	Mm.42255
10829	17220	AI853521	TC191974	null	Mm.30801
53745	75887	AI852203	TC173780	null	Mm.36669
93827	82832	AI852236	TC158204	MHC class I heavy chain precur	Mm.33263
81104	97666	AI853499	TC200064	high mobility group protein ho	Mm.340
14458	13166	AI853529	null	null	null
0	0	AI852489	TC202733	null	Mm.41076
13039	25519	AI851985	TC160336	null	Mm.29586
8829	14314	AI852013	TC162213	null	Mm.37324
0	0	AI853334	null	null	Mm.41414
17072	20210	AI851961	null	null	Mm.40916
0	0	AI851991	TC177930	null	Mm.39424
21773	30728	AI852023	TC174379	null	null
5810	9419	AI853342	null	null	Mm.41023
13644	47876	AI852553	TC186425	null	Mm.3532
23233	25922	AI851881	TC188460	null	Mm.35493
8698	12975	AI851910	TC207577	null	Mm.41199
7771	6178	AI851945	TC200999	null	Mm.29269
4831	6486	AI852561	TC203325	null	Mm.40224
7510	7213	AI851888	TC157293	null	Mm.31087
11549	17792	AI851916	TC177828	VAMP5	Mm.42184

0	0	AI851951	TC177637	null	Mm.24376
11218	17705	AI853551	TC201369	null	Mm.22152
0	0	AI852272	TC189341	Rel domain-containing transcri	Mm.34530
7005	12523	AI852309	TC202430	null	Mm.10059
38976	70276	AI853088	TC186751	TGF-beta-inducible protein	Mm.22763
38944	68088	AI853558	TC187374	type I transmembrane protein F	Mm.28518
227360	207528	AI852284	TC160363	oligosaccharyltransferase	Mm.7236
33912	52485	AI852319	TC174896	platelet-derived growth factor	Mm.2924
0	0	AI853096	TC186753	null	Mm.26435
6874	10940	AI851677	null	null	Mm.39653
42531	48490	AI851709	TC200205	null	Mm.19130
0	0	AI852386	TC202515	melanocyte-specific gene 1 nuc	Mm.2390
55605	77816	AI852457	TC160619	protein-tyrosine-phosphatase	Mm.26166
41768	59414	AI851683	TC176961	plasma-cell membrane protein	Mm.27254
18190	13327	AI851715	null	null	Mm.39226
12322	15182	AI852394	TC187665	null	Mm.37753
10001	7912	AI852466	TC188532	null	null
0	0	AI852647	TC201981	null	Mm.41858
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100248	121556	AI854005	TC161441	null	Mm.38930
25690	37505	AI852519	TC173946	null	Mm.44172
26240	14029	AI853944	TC174830	ECSIT	Mm.29790
46703	48132	AI853981	TC201773	null	Mm.28240
0	0	AI852495	TC175889	ecto-apyrase CD39	Mm.2824
152711	197724	AI852527	TC187080	nuclear pore-targeting complex	Mm.16710
17994	31377	AI852198	TC162681	null	Mm.22853
46135	40790	AI852228	TC193382	null	null
22405	22594	AI853493	TC167733	null	Mm.39939
0	0	AI853522	TC203053	null	Mm.33033
0	0	AI852204	null	null	null
17052	21879	AI852237	TC160316	gamma-2 adducin	Mm.29319
45419	48304	AI853500	TC190397	null	Mm.41875
17824	8447	AI853530	TC161866	null	null
6283	5861	AI851954	TC189438	null	Mm.25288
36232	34560	AI851986	TC160050	null	Mm.41876
9834	18607	AI852014	TC161107	null	Mm.21065
17404	14348	AI853335	TC174809	null	Mm.1491
13607	12434	AI851962	TC202147	energy-dependent regulator of	Mm.27197
0	0	AI851992	TC177283	null	Mm.17562
0	0	AI852024	null	null	null
2905	3406	AI853344	TC174481	null	Mm.5624
0	0	AI852554	TC188029	choline kinase	Mm.5262
0	0	AI851882	TC165241	null	Mm.40235
21970	31554	AI851911	null	null	Mm.42442
17772	21794	AI851946	TC179862	null	null
19041	13584	AI852563	TC175244	null	Mm.38336
38445	41516	AI851889	null	null	Mm.40215
123267	65218	AI851917	TC190332	null	Mm.7100
9125	9136	AI852744	null	null	Mm.40559
31608	41689	AI853552	TC173202	CCTtheta, theta subunit of the	Mm.17989
31694	20168	AI852273	TC189374	null	Mm.24069

18677	28265	AI852313	TC159957	connexin 43	Mm.4504
35387	33393	AI853090	TC162157	null	Mm.27434
0	0	AI853559	TC204429	null	Mm.39657
37949	38614	AI852285	TC190614	null	Mm.34563
20898	26218	AI852321	TC161731	huntingtin interacting protein	Mm.33797
167186	119803	AI853097	TC161607	connexin	Mm.21198
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17925	19554	AI851710	null	null	null
0	0	AI852387	TC202392	null	Mm.29635
39949	47095	AI852459	TC159984	null	Mm.21606
0	0	AI851684	TC188472	null	Mm.29563
16443	22541	AI851716	TC190766	null	Mm.30971
13574	18040	AI852395	TC201742	null	Mm.27561
30120	35164	AI852468	TC158206	p160 myb-binding protein	Mm.36393
19821	29004	AI852648	null	null	Mm.39239
27156	27964	AI853974	null	null	Mm.39942
17777	24017	AI854008	TC160261	null	Mm.24158
52856	56281	AI852520	TC186750	protein tyrosine phosphatase	Mm.28909
11052	16628	AI853946	TC187570	null	Mm.28824
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94327	89316	AI852531	TC188630	null	null
39550	13479	AI852199	TC160564	null	Mm.22722
22137	23660	AI852231	TC162552	null	Mm.41635
11824	8713	AI853494	TC189481	null	Mm.45439
84946	68814	AI853523	TC173547	null	Mm.43162
29193	38481	AI852206	TC190177	null	Mm.18542
0	0	AI852238	TC181480	null	Mm.39908
0	0	AI853502	TC183465	null	Mm.39405
73468	113693	AI853531	TC157750	null	Mm.21679
11946	21752	AI851956	TC197057	null	Mm.63743
88655	98809	AI851987	TC162150	null	Mm.29406
11878	9785	AI852016	TC189934	null	Mm.5156
32624	36902	AI853336	TC183414	null	Mm.39673
15383	19085	AI851964	TC161913	null	Mm.27215
16064	22462	AI851994	TC200456	null	Mm.18946
84348	87820	AI852026	TC173054	Cdc42	Mm.1022
15687	23905	AI853345	TC174152	null	Mm.1457
43252	52313	AI852556	TC194920	null	Mm.40930
0	0	AI851884	null	null	Mm.40913
50991	79818	AI851912	null	null	Mm.29911
82573	80032	AI851947	TC161967	phosphatidylinositol glycan cl	Mm.826
24443	26587	AI852564	TC163973	null	Mm.39237
100183	73756	AI851891	TC188761	null	Mm.24647
127128	87753	AI851918	TC201333	null	Mm.28197
7124	7757	AI852745	TC163016	null	Mm.19831
0	0	AI853553	null	null	Mm.1139
7210	7830	AI852276	TC161222	GOS2-like protein	Mm.3283
49556	63922	AI852314	TC187743	null	Mm.27223
78870	78863	AI853091	TC200579	alpha 4 protein	Mm.7454
35072	226685	AI853560	TC173505	lipocortin I (AA 1-346)	Mm.14860

7165	5102	AI852286	TC204345	null	Mm.22954
11186	16301	AI852322	TC174696	null	Mm.17949
17265	31180	AI853099	TC178546	null	Mm.44135
0	0	AI851679	null	null	Mm.40212
11648	13887	AI851711	null	null	Mm.42271
0	0	AI852389	TC158543	null	Mm.34027
50225	52049	AI852460	TC173774	null	Mm.30079
120362	79953	AI851685	TC173762	leucine zipper-EF-hand contain	Mm.26947
10709	11545	AI851720	TC196446	null	Mm.41205
24834	30155	AI852396	TC200150	null	Mm.39432
206639	228817	AI852469	null	null	null
102316	87108	AI852649	TC201054	dynactin subunit p25	Mm.27270
34852	43050	AI853976	TC201482	Kruppel-like factor LKLF	Mm.26938
8176	13234	AI852490	TC189704	null	Mm.41060
13311	14022	AI852521	TC164458	null	Mm.40929
0	0	AI853947	null	null	Mm.40239
20941	27706	AI853983	TC173225	null	Mm.27615
34414	39559	AI852497	TC173087	null	Mm.35812
21144	23055	AI852532	TC188132	protein kinase	Mm.8385
76327	74069	AI852200	TC189648	null	Mm.41068
26446	24355	AI852232	null	null	null
0	0	AI853495	null	null	null
15179	23804	AI853526	TC176583	null	Mm.41854
16552	24621	AI852207	TC174960	high mobility group box protei	Mm.4541
54179	68333	AI852239	TC161531	splicing factor U2AF	Mm.3358
11747	8602	AI853503	null	null	null
24164	29234	AI853533	null	null	null
9559	12693	AI851958	TC176000	LIN-7 homolog 2	Mm.20472
10874	17184	AI851988	TC190980	null	Mm.25159
7421	5293	AI852017	TC203695	null	Mm.41494
0	0	AI853338	null	null	Mm.40233
3352	4999	AI851965	TC174095	null	Mm.33869
13599	15366	AI851995	TC161013	null	Mm.9348
5719	5950	AI852027	TC202467	spalt-like protein	Mm.39487
42202	32676	AI853346	TC162788	This ORF is capable of encodin	Mm.1676
128665	89356	AI852558	TC203794	null	Mm.41446
31049	36871	AI851885	null	null	null
5758	6739	AI851913	TC205212	null	Mm.41613
11418	11338	AI851948	TC202335	null	Mm.22806
23027	26004	AI852566	TC186985	null	Mm.11879
11807	12110	AI851893	TC189530	null	Mm.22780
0	0	AI851919	TC203008	cytokine receptor delta1	Mm.35771
27125	22678	AI852746	TC189747	null	Mm.36000
36988	31351	AI853554	TC160202	null	Mm.21450
7745	8485	AI852277	null	null	Mm.39235
0	0	AI852315	null	null	Mm.29330
0	0	AI853092	TC160721	null	null
6609	4351	AI853562	TC173523	null	Mm.45951
0	0	AI852287	TC176529	null	Mm.7463
0	0	AI852323	TC176106	SH3 domain-containing adapter	null
80734	129654	AI853101	TC159479	SCF complex protein Skp1	Mm.42944

9535	10426	AI852731	TC178941	null	Mm.4323
24676	32410	AI854509	TC160151	mMIS5	Mm.4933
54667	38487	AI854545	TC160554	null	Mm.41052
66506	47712	AI852822	TC159784	surfeit 4 protein	Mm.2795
0	0	AI852739	TC204467	null	null
0	0	AI854518	TC194208	null	Mm.40608
13260	14181	AI854552	TC203470	This ORF is capable of encodin	Mm.951
0	0	AI852829	TC203553	null	Mm.24862
0	0	AI853571	null	null	Mm.40951
27321	24553	AI853600	TC191269	null	Mm.23125
28037	37602	AI853630	TC186779	null	Mm.22876
81285	105869	AI853695	TC187424	CD47	Mm.20183
22011	32143	AI853577	TC200861	PATZ	Mm.30714
23198	23235	AI853606	TC200066	null	null
40985	61333	AI853637	TC160049	TIF1 beta protein	Mm.15701
16794	17805	AI853701	TC191014	null	null
12748	17015	AI851008	TC160860	null	Mm.35492
57778	77647	AI851036	TC160232	platelet-activating factor ace	Mm.3877
68156	89430	AI851067	TC186927	null	Mm.29076
36266	55683	AI854100	TC188629	leucine-rich-domain inter-acti	Mm.29477
19566	19946	AI851015	TC201463	null	Mm.27150
75689	83472	AI851044	TC201354	11-zinc-finger transcription f	Mm.493
45336	63466	AI854081	TC161478	null	Mm.24033
5974	5847	AI854106	TC187247	SH2 domain-containing Eph rece	Mm.9593
0	0	AI852859	TC176316	null	Mm.39973
29561	14407	AI852898	TC190508	null	null
58059	59295	AI853265	TC188674	null	Mm.22276
0	0	AI853304	TC164808	GABA-A receptor alpha-1 subuni	Mm.4914
0	0	AI852866	TC178766	null	Mm.67153
52297	61582	AI853240	TC173707	null	Mm.21686
20726	32454	AI853274	TC173203	sphingomyelin phosphodiesteras	Mm.4628
0	0	AI853317	null	null	null
22270	35233	AI853720	TC200407	U5-116kD	Mm.873
52958	51904	AI853671	TC177579	null	Mm.40954
37768	52646	AI853820	TC200092	null	Mm.29676
309536	553562	AI853852	TC159642	ribosomal protein	Mm.42790
5203	7357	AI853727	TC177989	null	Mm.39462
32884	38483	AI853677	TC163841	null	Mm.35008
16227	20235	AI853826	TC162303	null	Mm.28969
14680	15091	AI853861	TC177379	LIM homeobox protein cofactor	Mm.8266
8929	12465	AI854124	TC191170	null	Mm.40679
21463	23163	AI854151	TC164340	null	Mm.35367
21090	28759	AI851139	TC174895	null	Mm.2924
6553	8157	AI851213	TC192124	null	Mm.60586
12913	16594	AI854131	TC188713	multiple endocrine neoplasia t	Mm.10721
15382	15955	AI854158	TC165595	null	null
19171	16323	AI851187	TC187841	ORF	Mm.3266
81559	68897	AI851220	null	null	Mm.5293
15533	16141	AI852732	TC203935	null	Mm.41034
0	0	AI854510	TC162202	100 kDa thyroid hormone recept	Mm.7268
0	0	AI854546	TC203413	null	Mm.38020

0	0	AI852823	TC160259	ATRX protein	Mm.39241
43946	31936	AI852741	TC161526	null	Mm.30091
4446	6664	AI854519	null	null	null
27454	27612	AI854553	TC202889	null	Mm.29638
21492	11454	AI852832	TC177652	CD7	Mm.4100
0	0	AI853572	TC191916	null	Mm.32284
54321	32623	AI853601	TC178778	null	Mm.41244
11289	9201	AI853631	null	null	Mm.39936
57107	55096	AI853696	TC190818	null	Mm.38037
17613	6873	AI853578	TC187739	null	Mm.28796
8988	8890	AI853607	TC177884	null	null
43796	40546	AI853638	TC202269	null	Mm.29972
0	0	AI853703	TC190055	null	Mm.27449
11819	11412	AI851009	TC201114	null	Mm.2235
475236	675083	AI851038	TC186556	null	Mm.29057
14030	16183	AI851069	TC163655	null	Mm.39712
70166	80720	AI854101	TC178779	null	Mm.40241
0	0	AI851016	TC157589	claudin-10	Mm.6957
9273	16616	AI851045	null	null	Mm.39222
70373	73507	AI854082	TC200347	null	Mm.21652
0	0	AI854107	TC166028	null	Mm.33784
38339	43100	AI852860	TC201626	glucosidase I	Mm.28188
0	0	AI852901	TC175517	myelin-associated/oligodendroc	Mm.3915
0	0	AI853266	TC162896	null	Mm.40723
104368	117876	AI853305	TC163475	null	Mm.24435
24036	22420	AI852868	TC188239	Williams-Beuren syndrome delet	Mm.40331
68048	71794	AI853241	TC162388	null	Mm.28512
0	0	AI853276	null	null	null
9701	6105	AI853319	TC177390	null	Mm.22297
11085	13599	AI853721	TC199953	null	Mm.25154
8713	10222	AI853672	TC188712	null	Mm.41247
15960	15906	AI853821	TC203918	null	Mm.23646
22394	34192	AI853853	TC177186	null	Mm.41214
0	0	AI853728	TC187511	unnamed protein product	Mm.17035
54149	62864	AI853678	TC187199	null	Mm.28327
13196	14160	AI853827	TC176472	null	Mm.21836
25645	21576	AI853862	TC189605	null	Mm.40625
206197	200394	AI854126	TC187331	precursor polypeptide (AA -25	Mm.2570
233066	310248	AI854152	TC163862	APC	Mm.7883
0	0	AI851140	null	null	Mm.39644
57047	121674	AI851214	TC160312	null	Mm.28291
0	0	AI854132	null	null	Mm.39264
12108	13115	AI854159	TC157612	thioredoxin reductase 1	Mm.21417
10895	12483	AI851188	null	null	null
0	0	AI851221	TC164308	null	Mm.41325
4437	6206	AI852735	TC189230	null	Mm.29604
0	0	AI854511	TC200662	vitronectin; complement S-prot	Mm.3667
27149	22119	AI854547	TC175131	null	Mm.29667
15812	15314	AI852824	TC160512	null	Mm.30256
12120	21632	AI852742	TC187425	null	Mm.32188
127529	151981	AI854520	TC186544	null	Mm.21905

0	0	AI854555	TC208713	null	Mm.39949
52279	43512	AI852833	TC186865	null	Mm.35850
61973	74096	AI853573	TC168195	null	Mm.6150
39831	37042	AI853602	TC187278	magnesium dependent protein ph	Mm.3766
21711	28116	AI853632	TC206898	null	Mm.40607
15997	43783	AI853697	TC186751	TGF-beta-inducible protein	Mm.22763
0	0	AI853579	null	null	Mm.39252
15207	14631	AI853608	TC175823	null	Mm.39032
38098	48565	AI853639	TC174039	null	Mm.24056
10843	11427	AI853704	TC170748	null	null
38237	64357	AI851010	TC200599	'PEBP2b3 protein'	Mm.2018
125386	178573	AI851039	TC191488	null	Mm.40701
19724	20606	AI851070	TC188928	tuftelin-interacting protein 3	Mm.20933
97727	114431	AI854102	TC188020	farnesyltransferase alpha subu	Mm.3496
31709	41084	AI851017	TC161593	null	Mm.24259
26873	35488	AI851047	TC210721	null	null
36566	49461	AI854083	null	null	null
29590	41035	AI854108	TC175687	null	Mm.26944
60090	61327	AI852862	TC160855	fumarase	Mm.41502
0	0	AI852903	TC161885	null	Mm.9738
30281	35687	AI853268	TC206787	null	null
62138	76223	AI853306	TC188244	null	Mm.10955
14093	32034	AI852870	TC201602	Ese1 protein	Mm.60679
20429	22131	AI853244	TC188164	null	Mm.28752
24703	30197	AI853278	TC191206	null	null
0	0	AI853320	TC176567	null	Mm.18478
0	0	AI853723	null	null	null
66512	72310	AI853673	TC201938	This gene includes jumping tra	Mm.13912
77138	130424	AI853822	TC186419	null	Mm.14245
5916	17329	AI853854	TC203287	multidrug resistance protein	Mm.41002
11304	13721	AI853729	null	null	null
150494	128906	AI853679	TC187042	ATPase inhibitor	Mm.2171
0	0	AI853828	TC188780	null	Mm.34614
10134	4600	AI853863	TC160532	null	Mm.28349
12381	16530	AI854127	TC160994	protease-nexin 1	Mm.3093
37118	43133	AI854153	TC160981	null	Mm.41642
22600	32985	AI851182	TC188122	null	Mm.29292
33122	50627	AI851215	TC202434	null	null
13451	16309	AI854133	TC163557	null	Mm.29943
0	0	AI851114	TC187705	null	Mm.28893
52374	62423	AI851189	TC204104	ORF for Mel-18	Mm.2418
45673	50634	AI851222	TC201019	NF-kappa-B DNA-binding subunit	Mm.3420
0	0	AI852736	TC157294	null	Mm.41452
8383	11584	AI854514	null	null	null
0	0	AI854548	TC196944	null	null
5737	4940	AI852825	TC192070	null	Mm.24427
12124	14148	AI852743	TC162035	beta subunit of Ca ²⁺ /calmodu	Mm.4857
0	0	AI854521	null	null	null
9606	7586	AI854558	TC163381	null	Mm.44149
8309	12735	AI852834	TC175422	null	Mm.40605
0	0	AI853574	TC206968	null	Mm.41341

4196	6937	AI853603	null	null	null
14539	14876	AI853633	TC163640	null	Mm.29476
70721	86362	AI853698	null	null	Mm.23854
0	0	AI853580	TC176927	ZnT-3	Mm.1396
84984	93609	AI853609	TC176280	null	Mm.38526
39548	47024	AI853640	TC188693	null	Mm.25556
19540	24606	AI853705	null	null	Mm.39254
0	0	AI851011	TC173883	ataxin-2	Mm.1989
59274	82010	AI851040	null	null	null
12651	17733	AI851072	TC164588	null	Mm.41132
124395	122249	AI854103	TC173642	null	Mm.24397
80657	76025	AI851019	TC200843	null	Mm.21401
27949	38928	AI851049	TC173969	transmembrane protein	Mm.790
42343	45445	AI854084	TC186638	null	Mm.2875
0	0	AI854109	TC166784	null	Mm.44677
15045	14717	AI852863	null	null	Mm.40562
0	0	AI852905	TC210688	null	Mm.40563
8511	14771	AI853270	null	null	Mm.40945
13021	10232	AI853309	TC202936	null	Mm.871
0	0	AI852874	TC205909	null	Mm.39665
0	0	AI853245	TC188467	null	Mm.27665
52094	33574	AI853279	TC201600	null	Mm.28589
50059	55625	AI853322	TC161277	protein tyrosine phosphatase P	Mm.4220
0	0	AI853724	TC190234	vascular endothelial junction-	Mm.41758
17134	24395	AI853674	null	null	null
25779	29974	AI853823	TC186952	casein kinase II, alpha prime	Mm.28881
195141	188814	AI853855	TC186844	null	Mm.19834
37657	35531	AI853730	TC163872	rSHANK protein	Mm.40237
12869	11182	AI853680	TC163154	null	Mm.40627
12957	21130	AI853829	TC163029	null	Mm.11177
40324	46864	AI853864	TC200975	null	Mm.27477
0	0	AI854128	TC202574	null	Mm.41032
140767	156992	AI854154	TC186815	null	Mm.24460
36240	58102	AI851183	TC173841	poly(A) binding protein II	Mm.7723
132684	130155	AI851217	TC162465	null	Mm.34379
24843	26581	AI854134	TC202354	null	Mm.29180
17916	17592	AI851115	TC205113	null	Mm.41843
59778	63797	AI851190	TC205290	null	Mm.41062
22653	27554	AI851223	TC176671	null	Mm.29450
13899	31496	AI852737	TC175516	null	Mm.21619
67980	158143	AI854515	TC186837	antigen	Mm.2956
41121	58181	AI854549	TC187845	null	Mm.31563
119956	127455	AI852827	TC157738	thioredoxin reductase TR3	Mm.35853
20107	27885	AI854487	TC190012	null	null
42353	43391	AI854523	TC173097	null	Mm.3035
74344	85410	AI854559	TC160006	adenylyl cyclase-associated pr	Mm.8687
20960	23039	AI852835	TC202922	Pax-6 (paired box containing g	Mm.3608
80890	77447	AI853575	TC174795	null	Mm.34453
28282	29362	AI853604	null	null	Mm.6390
128812	140101	AI853635	null	null	null
18150	21097	AI853699	TC190944	null	Mm.39445

18275	15896	AI853581	TC189393	null	Mm.39478
51535	57101	AI853614	TC161472	membrane-associated adenylate	Mm.29189
21118	22280	AI853641	TC176235	null	Mm.30997
36462	45526	AI853706	TC175057	null	Mm.34514
87022	77203	AI851012	TC189995	glucocorticoid-regulated endoc	Mm.4032
32854	38025	AI851041	TC200474	mSmad1	Mm.15185
9741	20340	AI851073	TC177038	null	Mm.37767
0	0	AI854104	TC170118	null	null
52038	90118	AI851020	TC163971	null	null
17918	26194	AI851051	TC164512	null	Mm.41675
29078	25157	AI854085	TC164718	null	Mm.39682
19482	25075	AI854110	TC162579	FLT-1	Mm.3464
104936	181664	AI852864	TC159835	null	Mm.39130
0	0	AI853238	null	null	Mm.39672
12295	8936	AI853271	null	null	Mm.39249
31107	27899	AI853311	TC181412	null	Mm.41327
14707	19400	AI852875	null	null	null
69364	67274	AI853246	TC161526	null	Mm.37369
25286	26197	AI853281	TC188569	null	Mm.41901
30923	30275	AI853323	TC202923	null	Mm.11827
83629	101992	AI853725	TC190261	null	Mm.41692
38066	38508	AI853675	TC188293	null	Mm.28525
121057	145284	AI853824	null	null	null
13136	20940	AI853858	TC163369	Zic3 protein	Mm.4265
30677	33052	AI853657	TC191396	null	Mm.9654
54801	60812	AI853681	null	null	Mm.39677
34254	38008	AI853831	TC193265	ADP-ribosylation factor-like m	Mm.39966
16109	15402	AI853865	TC161470	null	Mm.41406
12661	10052	AI854129	null	null	Mm.40242
13388	11497	AI854155	TC177830	null	Mm.44148
29827	24766	AI851184	TC162020	null	Mm.28966
24584	16801	AI851218	TC203418	null	Mm.24160
46586	25320	AI854135	TC176912	P24 protein	Mm.4766
113905	88078	AI851116	TC162170	phospholipase C beta-3	Mm.6888
88003	75884	AI851191	TC176452	null	Mm.11428
29906	34514	AI851224	null	null	Mm.40209
0	0	AI852738	null	null	Mm.40934
0	0	AI854517	TC204136	null	Mm.41661
0	0	AI854550	TC201630	null	Mm.28242
7922	12290	AI852828	null	null	null
16949	20071	AI854491	TC207016	null	Mm.5293
12422	13767	AI854524	TC188281	cAMP inducible 1 protein	Mm.27387
12124	15725	AI854563	TC167514	null	null
303418	332624	AI852836	TC161333	null	null
0	0	AI853576	TC207265	null	null
67082	80324	AI853605	TC161708	serine palmitoyltransferase LC	Mm.565
14530	9075	AI853636	TC174688	null	Mm.40650
454752	314575	AI853700	TC160827	null	null
49637	49744	AI853582	TC201565	null	Mm.34059
89331	64632	AI853615	TC157730	null	Mm.1103
18004	24440	AI853642	TC201102	null	Mm.30036

120175	120523	AI853707	TC164133	null	null
262101	221975	AI851013	TC163442	null	Mm.5231
42071	52960	AI851042	TC188766	ATFx	Mm.1566
97287	103649	AI854079	TC173672	null	Mm.40273
24675	32113	AI854105	TC162141	null	null
119581	95989	AI851021	TC188074	retinal short-chain dehydrogen	Mm.14063
69813	85149	AI851052	TC187899	null	Mm.26392
55539	56851	AI854086	TC175626	null	Mm.30931
140782	169707	AI854111	TC201311	geranylgeranyl transferase bet	Mm.29211
8362	8923	AI852865	TC174238	null	Mm.18941
0	0	AI853239	TC181298	null	Mm.39927
0	0	AI853273	null	null	null
0	0	AI853315	TC188634	null	Mm.30237
20807	21634	AI852876	TC177184	null	Mm.17815
0	0	AI853248	null	null	Mm.40565
26447	36341	AI853284	TC160934	myelin gene expression factor	Mm.40946
20988	25757	AI854009	null	null	Mm.41172
5751	6325	AI853726	TC207851	null	Mm.39255
19282	17087	AI853676	TC160239	WW domain binding protein 11	Mm.3855
47749	52571	AI853825	TC158391	SDF2	Mm.935
27600	25875	AI853859	TC189327	null	Mm.23236
0	0	AI853658	TC170333	null	Mm.39256
0	0	AI853682	TC189416	null	Mm.16813
60958	67108	AI853833	TC164532	null	Mm.38561
30436	38256	AI853866	null	null	Mm.39258
36076	35009	AI854130	TC201877	null	Mm.21485
39404	43165	AI854157	TC176300	null	Mm.35483
75262	89644	AI851185	TC173219	null	Mm.29841
14666	9786	AI851219	TC176118	null	Mm.29125
20015	12869	AI854136	TC190962	null	Mm.23453
25550	28088	AI851117	TC187526	null	Mm.24327
36258	46175	AI851193	TC160742	GDP-dissociation inhibitor	Mm.28187
26125	27085	AI851226	TC163051	null	Mm.36575
20313	16750	AI854817	TC175739	null	Mm.17156
22043	31721	AI854847	TC160994	protease-nexin 1	Mm.3093
33462	34411	AI854881	TC175319	null	Mm.27438
42642	47419	AI854664	TC203912	null	Mm.41017
75707	68422	AI854826	TC173894	null	Mm.27406
7616	4885	AI854857	TC166593	null	Mm.40247
87625	95593	AI854888	TC159984	null	Mm.21606
42850	44858	AI854670	TC160367	null	Mm.28866
50597	56857	AI851176	TC186533	tip associating protein	Mm.7271
28837	44328	AI851337	TC174182	platelet activating factor ace	Mm.597
158816	216992	AI851373	TC160078	cyclin A	Mm.4189
72690	80267	AI851525	TC202427	5'(3')-deoxyribonucleotidase	Mm.41722
301482	184361	AI851107	TC202065	peripheral myelin protein	Mm.1237
12140	9153	AI851347	TC204327	putative secreted metalloprote	Mm.39718
6477	11176	AI851381	TC174483	null	null
6687	9783	AI851526	TC203168	null	Mm.33997
0	0	AA407331	null	null	Mm.43174
0	0	AA407482	TC200923	mrg1 protein	Mm.9524

81008	103178	AA407729	TC157727	kinesin heavy chain	Mm.3380
167190	221686	AA408068	TC160868	null	Mm.34609
32944	28290	AA407369	TC160589	null	Mm.42805
8015	10478	AA407590	TC201149	null	Mm.32776
0	0	AA407948	TC191541	null	Mm.3590
19788	25357	AA409483	TC188879	null	Mm.28199
8557	9479	AI854691	TC191997	null	Mm.41401
17356	17833	AI854717	TC188483	null	Mm.12468
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28740	32781	AI850944	TC200941	lipotransin	Mm.28127
0	0	AI854698	TC166476	null	Mm.35198
46195	42258	AI854723	TC181604	null	Mm.40692
102561	121047	AI850922	TC189279	null	Mm.34870
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31218	32169	AI851547	null	null	null
41176	47900	AI851574	TC173375	null	Mm.22575
53093	57083	AI851402	null	null	Mm.24202
30154	27270	AI851442	TC202420	null	Mm.25245
500175	645239	AI851553	TC200213	ras-GTPase-activating protein	Mm.7514
351980	285578	AI851581	TC175314	null	Mm.28602
87761	98534	AI851412	TC191104	null	Mm.25655
17099	25164	AI851453	TC197050	null	Mm.39646
84685	91675	AA409582	TC200540	null	Mm.29683
46953	50361	AA409778	TC175537	neurocrescin	Mm.23822
29884	34345	AA409955	TC161073	selenoprotein R	Mm.104599
67038	61328	AA409884	null	null	Mm.100139
0	0	AA409624	TC159186	null	Mm.36907
101273	73423	AA409699	TC200528	beta-tropomyosin (AA 1-284)	Mm.646
13163	15654	AA410010	TC174799	null	Mm.41933
32804	31620	AA410133	TC173632	null	Mm.21146
0	0	AI854820	TC202802	cell cycle checkpoint protein	Mm.20947
181583	184707	AI854850	TC188446	RP42	Mm.30127
0	0	AI854882	TC161974	null	Mm.6667
9658	10954	AI854665	TC162176	null	Mm.21892
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0	0	AI854858	TC188689	null	Mm.32545
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63986	114687	AI854671	TC200290	SET	Mm.36677
28155	34350	AI851177	TC181473	null	null
70678	70514	AI851339	TC162807	cAMP-specific cyclic nucleotid	Mm.9757
50332	31665	AI851374	TC190692	null	Mm.37819
138722	118938	AI851516	TC208723	null	Mm.39902
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22300	38284	AI851383	TC189049	null	Mm.30600
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14246	13696	AA407487	TC161946	null	Mm.89223
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0	0	AA407375	TC201207	myosin I	Mm.3390

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6576	12196	AA409485	null	null	null
20591	30870	AI854692	TC187711	null	Mm.29600
20612	22765	AI854718	TC180979	null	Mm.40588
0	0	AI850913	null	null	null
33456	36122	AI850945	TC161209	null	Mm.54512
18512	22871	AI854699	null	null	Mm.39268
47376	71103	AI854724	null	null	null
10728	13726	AI850923	TC189211	null	Mm.27168
13039	9642	AI850954	TC191743	null	Mm.44880
243034	302320	AI851548	TC186934	cyclin I	Mm.22711
215431	232002	AI851575	TC206732	null	null
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313072	272196	AI851443	TC201160	UGTrel1	Mm.4593
110364	106095	AI851555	TC160150	null	Mm.28464
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27311	35533	AI851415	TC205185	null	Mm.29366
63736	88466	AI851454	null	null	Mm.5293
0	0	AA409587	null	null	Mm.37739
224111	248591	AA409782	TC157749	null	Mm.30108
9921	12861	AA409980	TC161255	null	Mm.33920
23651	23099	AA409886	TC158545	null	Mm.88753
24477	27085	AA409627	TC157749	null	Mm.30108
7740	7626	AA409744	TC191871	null	Mm.28894
36329	63640	AA410017	TC158005	null	Mm.35878
96108	116679	AA410137	null	null	null
40295	43106	AI854821	TC188466	acyl-CoA thioesterase	Mm.23368
2781	3544	AI854851	TC189099	null	Mm.3587
41445	54949	AI854883	TC177392	null	Mm.36537
45332	43031	AI854666	TC202765	null	Mm.24735
64514	81380	AI854828	TC188991	null	Mm.41539
9925	10433	AI854860	TC162886	null	Mm.44241
28821	29390	AI854890	TC174314	lysyl hydroxylase 1	Mm.37371
8975	13307	AI854672	TC162306	null	Mm.68936
372495	296428	AI851178	TC200985	null	Mm.26949
9914	20317	AI851340	TC193315	null	Mm.32292
42781	46442	AI851375	TC174951	null	Mm.27641
12756	14465	AI851517	TC186912	unnamed protein product	Mm.41277
95518	96966	AI851109	TC200888	null	Mm.44214
37304	43947	AI851349	TC204733	null	Mm.39707
0	0	AI851384	TC189363	null	Mm.33497
70076	65386	AI851530	TC176065	null	Mm.24370
7492	13866	AA407362	TC186573	null	Mm.25586
17425	19933	AA407572	null	null	null
35370	47612	AA407904	TC177090	null	Mm.28364
78389	76947	AA407960	TC186880	null	Mm.30012
0	0	AA407377	TC213295	null	Mm.100131
0	0	AA407607	TC199625	null	Mm.24461
0	0	AA408075	TC160678	null	null
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39364	43075	AI854693	TC188790	IkB-beta	Mm.4448
6538	6931	AI854719	TC162602	prostaglandin E synthase	Mm.41066
0	0	AI850914	null	null	Mm.39638
0	0	AI850946	TC191408	null	Mm.17697
24103	24274	AI854700	TC205620	null	Mm.11934
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33120	36610	AI850924	TC200922	melanoma adhesion molecule	Mm.39103
0	0	AI850956	TC183531	null	null
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13701	20781	AI851576	TC161521	null	null
110890	130495	AI851404	TC157241	unnamed protein product	Mm.7649
97636	109691	AI851446	TC204443	zinc finger transcription fact	null
13883	20098	AI851556	TC160058	zipper protein kinase	Mm.111
20054	28827	AI851583	TC173938	null	Mm.34261
27223	28078	AI851416	TC162867	null	Mm.27639
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88983	75400	AA409588	TC160833	null	Mm.30053
30260	45222	AA409762	TC162584	null	Mm.3626
18241	19725	AA409982	TC178385	null	Mm.3635
12967	15185	AA409994	TC200979	null	Mm.29902
9081	20485	AA409629	null	null	Mm.103670
55819	41126	AA409749	null	null	Mm.3628
140882	203903	AA410123	null	null	Mm.70545
22947	42817	AA407673	TC188145	null	Mm.29208
0	0	AI854822	TC161498	null	Mm.28476
16346	16973	AI854852	null	null	null
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4850	7802	AI854830	TC202262	null	Mm.40348
22607	28388	AI854862	TC175967	null	Mm.44092
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72828	67692	AI854673	TC200858	null	Mm.24828
99287	115447	AI851179	TC175520	null	Mm.28702
15713	14686	AI851341	TC176798	null	null
17535	25791	AI851378	TC203966	null	Mm.23218
55746	53457	AI851518	TC160154	MAP kinase-activated protein k	Mm.29725
35086	35228	AI851112	TC176238	null	Mm.41057
64895	82196	AI851350	TC202310	null	Mm.19944
15653	22438	AI851385	TC177795	null	Mm.31033
35637	34157	AI851531	TC177634	null	Mm.39756
5614	6210	AA407365	TC173342	glycoprotein gC1qBP	Mm.30049
22797	19954	AA407576	TC202080	unknown	Mm.7447
0	0	AA407921	null	null	Mm.100530
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126631	141680	AI854727	null	null	null
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54025	66812	AI851550	null	null	Mm.32100
32018	35859	AI851577	TC165561	null	Mm.39229
42327	59529	AI851407	TC160419	phospholipase A-2-activating p	Mm.22724
157022	91194	AI851449	TC175046	carnitine acetyltransferase	Mm.20396
16100	29726	AI851557	TC204616	null	Mm.41869
36367	40678	AI851584	TC201939	null	Mm.29145
32824	32120	AI851418	TC186938	pigment epithelium-derived fac	Mm.2044
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43130	62714	AA409614	TC160423	null	Mm.21667
13555	8208	AA409789	TC175537	neurocrescin	Mm.1436
8524	14931	AA409988	TC195239	null	Mm.100525
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136794	220233	AA410155	TC206293	null	Mm.27745
18735	22904	AA409710	null	null	null
20176	33592	AI854824	TC188145	null	null
57459	70602	AI854854	TC162900	U2 small nuclear ribonucleotei	Mm.14286
54047	44936	AI854886	TC191380	null	Mm.31418
22854	23697	AI854668	TC175708	null	Mm.31557
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57133	65956	AI851113	TC188652	ADP-ribosylation-like factor h	Mm.7760
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37574	41501	AI851386	null	null	Mm.40535
26008	22380	AI851532	null	null	Mm.40211
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16969	24216	AA407944	TC201670	cupidin	Mm.228
25275	28377	AA409410	TC161509	null	Mm.21520
0	0	AA407409	TC202734	null	Mm.40282
14713	13518	AA407543	TC160797	null	Mm.29925
8486	5170	AA407930	TC157804	arsenite inducible RNA associa	Mm.24521
29314	33924	AA409460	null	null	Mm.36091
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34599	36217	AI854721	TC163601	null	Mm.41168
26747	34978	AI850916	TC200980	null	null
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34270	37031	AI850959	TC187493	mannose-6-phosphate-receptor	Mm.1358
18064	22240	AI851551	TC162045	NG29	Mm.11175
47695	46567	AI851579	TC160327	radixin	Mm.7051
534856	685316	AI851409	TC186557	null	Mm.29057
43669	45280	AI851451	TC188408	cytokine receptor-like molecu	Mm.33962
55448	65895	AI851558	TC202954	null	Mm.31048
34098	36650	AI851586	TC163177	null	Mm.44179
49173	46806	AI851420	null	null	Mm.41001
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34769	34514	AA409791	TC202365	poliovirus receptor homolog pr	Mm.4341
396296	340921	AA410005	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
23482	31094	AA409999	TC202097	null	Mm.21640
9942	18789	AA409518	TC178181	null	Mm.24470
78373	74034	AA409850	TC186458	null	Mm.30175
22676	36227	AA410164	TC206698	null	Mm.3639
18948	23710	AA409908	TC174018	glutamate-cysteine ligase cata	Mm.4368
4015	7070	AI854825	TC189899	null	Mm.27143
12319	10470	AI854856	TC210607	null	null
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32734	42961	AI854833	TC174415	null	Mm.24200
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17747	22106	AI854896	TC205629	neuronal pentraxin 1	Mm.5142
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369408	265642	AI851106	TC200017	thyroid hormone binding protei	Mm.16660
123158	138997	AI851345	TC159963	null	Mm.30089
18087	13417	AI851380	TC183499	null	Mm.41845
43128	41941	AI851520	TC175519	null	Mm.36587
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23989	30735	AI851533	TC163449	endophilin I	Mm.26533
0	0	AA407367	TC190862	null	Mm.27840
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10696	24441	AA407555	TC208698	null	Mm.63492
12972	14949	AA408084	TC189258	null	Mm.25299
38701	42120	AA409466	TC160239	WW domain binding protein 11	Mm.3855
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4573	8560	AI850919	null	null	null
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57659	61949	AI851580	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308

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13310	12463	AI851452	TC191722	null	null
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90543	89359	AI851587	TC204049	null	Mm.41788
18496	23406	AI851422	TC175861	MMRP19	Mm.24772
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12957	15349	AA409620	TC176490	null	Mm.36726
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94231	107029	AA410009	null	null	Mm.3636
23690	29360	AA410130	null	null	Mm.76703
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19277	27728	AA408617	null	null	Mm.24497
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22759	22108	AW538474	TC161811	null	Mm.36811
156944	245993	AW538529	TC206415	null	null
30077	23194	AW538575	TC187332	null	Mm.33926
9738	13542	AW539587	TC187786	CMP-sialic acid transporter	Mm.22684
138858	176375	AW539654	TC201083	null	Mm.24456
165154	203101	AW539790	TC186742	intracellular chloride channel	Mm.22409
62060	82980	AW540958	TC161363	null	Mm.29637
62714	52080	AW539607	TC160719	null	Mm.27424
7831	10150	null	null	null	null
59121	76266	AW539810	TC201897	GlcNAc-1-P transferase	Mm.18353
27812	44922	AW540979	TC160334	translin	Mm.14644
20117	10962	AA409067	TC162388	null	Mm.28512
8820	3539	AA409227	TC173544	somatic histone binding protei	Mm.7516
10177	10358	AA409376	TC201927	CAAT-box DNA binding protein s	Mm.4929
57360	70456	AW537893	TC200579	alpha 4 protein	Mm.7454
18355	31848	AA409082	TC173718	taipoxin-associated calcium bi	Mm.1782
174046	217617	AA409312	null	null	null
33017	32598	AW537844	TC206323	null	Mm.102617
37458	43747	AW537911	TC178477	null	Mm.31112
156676	156451	AW538620	null	null	null
10369	17429	AW538678	TC188367	null	Mm.11521
16001	18514	AW538738	null	null	null
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20867	23759	AW538756	TC158100	null	null
1185040	1124970	AW538820	TC175242	adenylate kinase 4	Mm.42040
35490	49504	AW541427	TC161089	null	Mm.27863
6332	5423	AW541479	null	null	Mm.104653
241480	264746	AW542323	null	null	Mm.2573
60980	86251	AW542394	TC186505	null	Mm.21802
225564	221675	AW541443	TC203136	null	Mm.798
10344	13074	AW541489	TC204109	brain natriuretic peptide	Mm.2740
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264801	484026	AW542408	TC173665	mammary transforming protein	Mm.544
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85916	69485	AA408840	TC160932	null	Mm.28347
214586	231897	AA408947	TC200372	integral membrane protein 1	Mm.36551
71895	71257	AA408623	TC157851	Elf-1	Mm.24876
42579	50064	AA408762	TC203195	laminin alpha 5 chain	Mm.4339
21944	21395	AA408828	null	null	Mm.100599
29410	24110	AA408967	null	null	null
21002	29678	null	null	null	null
0	0	AW538460	TC190545	null	Mm.37418
78864	97652	AW538517	TC200940	null	Mm.21187
32889	46841	AW538565	TC193429	null	Mm.87727
4724	11578	AW538403	TC160798	formin binding protein 11	Mm.90052
0	0	AW538477	TC201968	null	Mm.31043
101509	88592	AW538531	TC159812	cytochrome c oxidase subunit V	Mm.14022
175790	130524	AW538577	TC175917	null	Mm.29080
0	0	AW539588	TC197656	null	null
49930	65934	AW539656	TC201824	null	Mm.5972
91263	172528	AW539791	TC201101	null	Mm.28057
264975	317416	AW540961	TC177029	plasma membrane protein syntax	Mm.24867
23818	34923	AW539609	TC160775	plakoglobin	Mm.21990
0	0	AW539673	null	null	null
110785	134221	AW539811	TC159965	CDC10	Mm.2858
350577	434352	AW540980	TC173360	null	Mm.29864
28552	38539	AA409074	TC188285	null	Mm.24002
21581	23923	AA409231	null	null	null
407617	378333	AA409377	TC162918	null	Mm.2247
85307	113624	AW537898	TC202099	null	Mm.35458
0	0	AA409115	null	null	null
22743	29610	AA409320	TC186401	null	null
117718	131515	AW537849	TC186532	male-enhanced antigen	Mm.88062
41756	36754	AW537914	TC173804	null	Mm.29202
0	0	null	null	null	null
33943	33722	AW538679	TC203952	null	Mm.49309
1912105	1890403	AW538739	TC186908	null	Mm.25794
15209	15107	AW538809	TC202413	null	Mm.41533
16522	21540	AW538632	TC175968	null	Mm.12669
3469	10601	AW538700	TC176119	null	Mm.158
20090	21013	AW538757	TC190322	parathyroid hormone-related pe	Mm.28440
21292	39458	AW538827	TC164796	null	null

186198	210264	AW541429	TC160296	null	Mm.27363
158041	229703	AW541480	null	null	null
122945	153963	AW542325	null	null	Mm.102697
58353	191310	AW542396	TC189491	tissue factor	Mm.31298
228778	281820	AW541446	TC173347	null	Mm.22333
245168	180677	AW541494	TC159784	surfeit 4 protein	Mm.2795
34339	43226	null	null	null	null
177851	229735	AW542410	TC174325	mSUG1 protein	Mm.665
5546	6931	AA408594	TC187636	mszf35	Mm.29962
23755	25102	AA408733	TC187853	null	Mm.74084
91203	96469	AA408841	TC186833	cysteine rich protein 1	Mm.10919
24375	34449	AA408949	TC160336	null	Mm.36765
14165	22057	AA408634	TC174018	glutamate-cysteine ligase cata	Mm.93774
28289	35515	AA408778	TC161806	null	Mm.44184
6363	10565	AA408720	TC186738	null	Mm.30250
14647	17633	AA408973	TC202318	null	Mm.24573
0	0	null	null	null	null
18461	20961	AW538466	TC190250	transglutaminase type 1	Mm.41964
501446	528212	AW538521	null	null	null
212771	178549	AW538566	TC186804	lithium-sensitive myo-inositol	Mm.8089
0	0	AW538407	TC202348	Glv-1	Mm.16757
10099	17397	AW538478	TC160789	null	Mm.5545
75321	163287	AW538537	TC162223	TOPK	Mm.24337
19800	33185	AW538579	TC161383	null	Mm.27608
248986	296041	AW539593	TC187991	UTX	Mm.28750
26400	35232	AW539657	TC195252	null	Mm.102863
29371	42677	AW539800	TC159075	null	Mm.82676
8765	13337	AW540965	TC189946	ATFa-associated factor	Mm.31529
0	0	AW539613	null	null	null
58249	76305	AW539684	TC158328	ring-box protein 1	Mm.29405
35020	46887	AW539814	TC162514	null	Mm.36705
63499	81578	AW540982	TC158944	null	Mm.28982
0	0	AA409100	TC186401	null	null
9476	10670	AA409233	TC176844	null	Mm.25096
187322	152810	AW537835	TC200477	null	Mm.29196
44102	43598	AW537899	TC160856	aminopeptidase	Mm.29824
1988360	3197671	AA409121	null	null	null
25225	31174	AA409322	TC187587	null	Mm.22269
84075	95085	AW537855	TC188123	null	Mm.26828
13113	21575	AW537918	TC157981	null	null
6380	6806	AW538623	TC201742	null	Mm.27561
391042	507877	AW538686	TC158918	UbcM4 protein	Mm.3074
511865	415086	AW538747	null	null	Mm.102563
0	0	AW538811	TC176843	hairy-related transcription fa	Mm.103615
327382	311436	AW538640	TC161688	null	Mm.3154
23774	34608	AW538701	TC187367	null	Mm.29801
185383	330969	AW538759	null	null	null
56867	59784	AW538829	TC173092	brain beta spectrin	Mm.3914
0	0	null	null	null	null
14229	22209	AW541483	null	null	Mm.21274
248902	256788	AW542328	TC187168	null	Mm.28765

131215	273939	AW542397	TC186567	nucleosome assembly protein-1	Mm.3797
145917	200734	AW541449	TC161413	null	Mm.27945
1934435	2325092	AW541496	null	null	null
396299	598413	AW542339	TC200499	null	Mm.46558
183730	233920	AW542410	TC174325	mSUG1 protein	Mm.665
0	0	AA408602	TC173420	chaperonin 10	Mm.12970
34478	37302	AA408738	TC189296	null	Mm.24503
199306	152532	AA408860	null	null	Mm.90041
11038	8974	AA408954	null	null	Mm.3737
26640	45135	AA408580	null	null	Mm.46673
20294	25805	AA408781	TC179053	null	Mm.34664
153756	215707	AA408723	null	null	Mm.4550
0	0	AA408902	TC199651	null	Mm.36552
17856	27553	AW538390	TC164922	null	null
5563	8680	AW538468	TC184105	null	Mm.102553
86474	121427	null	null	null	null
192687	372607	AW538568	TC158810	null	Mm.14838
0	0	AW538408	TC211309	null	null
0	0	AW538480	TC177057	null	Mm.45371
38090	45220	null	null	null	null
43812	46557	AW538582	TC175252	null	Mm.87720
27103	31257	AW539598	TC161642	F-box protein FBX6b	Mm.27445
99161	118636	AW539669	TC160413	unknown	Mm.9846
99605	116201	AW539801	TC160008	palmitoyl-protein thioesterase	Mm.43660
0	0	AW540966	TC162721	null	Mm.28230
275577	383885	AW539614	TC200228	B cell antigen receptor Ig bet	Mm.28165
102291	107743	AW539750	null	null	null
298868	320088	AW539815	null	null	null
17451	24947	AW540984	TC158991	inhibitor of apoptosis homolog	Mm.8552
0	0	AA409105	TC200940	null	Mm.21187
6779	10356	AA409293	TC160681	null	Mm.22353
76462	64886	AW537836	TC178089	null	Mm.31078
3808	8414	AW537907	TC162790	null	Mm.12430
19777	25301	AA409125	TC175080	AMY-1	Mm.12975
103592	184466	AA409347	TC173134	ribosomal protein L18	Mm.41923
15790	21480	AW537856	null	null	null
46571	53301	null	null	null	null
29779	51817	AW538624	TC199959	null	Mm.19117
741865	971056	AW538688	null	null	null
34066	44234	AW538752	TC157815	Rad1-like DNA damage checkpoin	Mm.38376
22798	30303	AW538812	TC187558	multiple exostosis protein	Mm.4336
41691	58581	AW538647	TC173077	PW29	Mm.164
5625	9341	AW538704	TC200635	cystatin B	Mm.6095
695430	579459	AW538761	null	null	Mm.102565
53509	74939	AW538832	TC160874	null	Mm.28092
0	0	AW541437	null	null	Mm.102667
39129	63977	AW541485	TC161210	low density lipoprotein recept	Mm.3213
476063	532995	AW542332	null	null	Mm.102699
398801	550628	AW542400	TC161067	null	Mm.27839
182587	210678	AW541451	TC161925	null	Mm.11849
2394188	3617052	AW541497	null	null	null

96020	101413	AW542343	TC162260	AP-2.2 protein	Mm.3629
412410	522630	AW542413	TC187380	testosterone induced transcrip	Mm.42240
13151	16423	AA408604	TC206792	null	Mm.43505
16055	24799	AA408740	TC202209	null	Mm.21521
50629	67871	AA408842	TC202684	null	Mm.41393
35030	52266	AA408960	TC173994	null	Mm.27292
43153	65401	AA408642	null	null	Mm.88713
160308	226414	AA408785	TC174019	null	Mm.28265
54520	50193	AA408725	null	null	null
96773	112866	AA408978	TC188856	null	Mm.85814
21726	21943	AW538391	TC180281	null	Mm.102551
0	0	AW538471	TC157865	ubiquitin C-terminal hydrolase	Mm.52067
128732	167498	AW538525	TC173681	null	Mm.28287
450044	298396	AW538569	TC160120	mitochondrial carrier homolog	Mm.28023
24717	32060	AW538410	TC187143	null	Mm.21409
16554	38988	AW538481	TC173131	null	Mm.29859
68104	128458	AW538538	TC187316	suppressor of cytokine signall	Mm.3468
19733	21048	AW538589	null	null	null
136282	228291	AW539601	null	null	null
0	0	AW539670	TC165647	null	Mm.32200
19367	23273	AW539806	TC160434	null	Mm.28397
17095	33241	AW540967	TC160261	null	Mm.21126
948449	1163889	AW539621	null	null	null
84280	128556	AW539755	TC186471	t-complex polypeptide 1A	Mm.2223
349684	637165	AW539816	TC189384	null	Mm.24686
93439	98173	AW540987	TC188177	null	Mm.27971
36961	62609	AA409079	TC187177	30-kDa subunit of replication	Mm.2870
61637	57672	AA409304	TC194637	null	Mm.27410
79219	93862	AW537837	TC188263	null	Mm.27854
82943	91845	AW537908	TC177414	null	Mm.45767
58622	76995	AA409147	TC157641	delta7-sterol reductase	Mm.3747
232550	457385	AA409352	null	null	Mm.42790
182284	172040	AW537858	null	null	Mm.102537
69386	91501	AW537926	TC160862	null	Mm.21586
0	0	AW538626	TC159675	chromosome segregation protein	Mm.100721
54787	113417	AW538689	TC161497	null	Mm.46438
249202	241865	AW538753	TC188147	null	Mm.25353
92048	91181	AW538815	TC203288	null	Mm.100863
12325	26258	null	null	null	null
43928	81535	AW538705	null	null	null
127832	133489	AW538766	TC200196	ERG-associated protein ESET	Mm.30196
0	0	AW538836	null	null	null
705891	841488	AW541438	TC174262	null	Mm.29706
67912	74516	AW541487	TC162355	null	Mm.37787
0	0	AW542333	TC204482	null	Mm.29903
160984	172559	AW542401	TC158858	null	Mm.25393
32405	63449	AW541452	TC187926	tRNA-guanine transglycosylase	Mm.24178
25951	35241	AW541498	TC174597	null	Mm.29105
20007	25800	AW542347	TC163297	null	Mm.24628
282334	302391	AW542414	TC190781	null	Mm.22834
99189	134364	AA408610	TC173591	MRJ	Mm.2701

12989	13959	AA408751	TC200176	unnamed protein product	Mm.29341
144179	219055	AA408850	TC189258	null	Mm.25299
177520	232318	AA408962	TC173281	cyclophilin CyP-S1	Mm.2412
0	0	AA408674	TC163812	null	Mm.24787
32811	45826	AA408787	TC160049	TIF1 beta protein	Mm.15701
87859	102007	AA408882	TC175586	null	Mm.24505
173882	296398	AA408980	TC200943	chop-10	Mm.28173
195624	189082	AW538393	TC200588	null	Mm.29778
115910	136381	AW538472	TC187004	null	Mm.17912
6365	12135	AW538527	TC176212	null	Mm.45099
99194	98554	AW538574	TC173610	ATP sulfurylase/APS kinase	Mm.18161
5573	4907	AW538412	TC159985	cerebellum postnatal developme	Mm.33875
19173	22539	AW538486	null	null	null
24275	38612	AW538539	TC163068	cyclophilin-33	Mm.11761
138376	143034	AW538592	TC160426	null	Mm.22086
59061	61636	AW539605	TC173973	null	Mm.29660
84269	98342	AW539671	null	null	Mm.102603
0	0	AW539808	TC202672	null	Mm.100307
25856	27752	AW540970	null	null	Mm.102656
308809	388175	AW539622	TC173648	complement receptor	Mm.88295
36415	44774	AW539757	TC159040	null	Mm.1298
17915	21047	AW539818	TC188654	null	Mm.27326
9723	8947	null	null	null	null
14632	15820	AA409081	TC159784	surfeit 4 protein	Mm.2795
19816	33102	AA409307	TC189306	null	Mm.28256
83220	104108	AW537841	TC176554	null	Mm.18562
230935	218321	AW537910	null	null	null
0	0	AA409130	TC191541	null	Mm.3590
24372	34771	AA409336	TC161264	phosphoprotein	Mm.489
39640	34839	AW537860	TC162821	null	Mm.45651
83913	136762	null	null	null	null
20507	20694	AW538629	TC160258	null	Mm.29835
250971	333355	AW538695	null	null	Mm.102561
146783	100062	AW538754	TC173791	null	Mm.36883
331285	438120	AW538816	null	null	null
149141	172727	AW538648	TC160508	null	Mm.28968
204979	194272	AW538706	TC161203	null	Mm.24293
39150	35989	AW538769	TC202931	null	Mm.38813
11479	16586	AW538839	null	null	null
85403	94949	AW541442	TC189358	null	Mm.45272
0	0	AW541488	TC200121	beta2-microglobulin precursor	Mm.163
120031	107319	AW542334	TC204249	GM1/GD1b/GA1 synthase	Mm.11132
68189	69611	AW542405	null	null	null
128729	347043	AW541453	TC160745	Myc basic motif homologue-1	Mm.18626
779643	480055	AW541499	TC162643	purine-selective Na+ nucleosid	Mm.29510
70930	88560	AW542349	TC187526	null	Mm.27600
393079	460993	AW542415	TC186442	ubiquitin conjugating enzyme	Mm.1570
0	0	AW543827	TC175808	null	Mm.41440
46330	51943	AW543973	TC158387	null	Mm.22440
35606	37712	AW544040	TC186787	null	Mm.25634
216226	236384	AW544120	null	null	null

113277	109481	AW543839	TC163702	null	Mm.34402
171086	277749	AW543989	TC189645	null	Mm.34499
90444	94998	AW544067	TC189186	null	Mm.10343
9227	20496	AW544134	TC174716	null	Mm.29491
523559	778596	AW545006	TC200289	proteasome beta-subunit C5	Mm.34837
100961	87950	AW545189	TC200365	null	Mm.21094
64026	54019	AW545275	TC173319	null	Mm.43640
125090	128974	AW545321	null	null	null
32356	47388	AW545119	TC162165	alpha-catenin related protein	Mm.25400
18099	18223	AW545033	TC174861	null	Mm.12187
9006	17996	AW545287	TC164606	null	Mm.103480
7178	9799	AW545336	null	null	null
58885	56259	AW536317	TC174282	null	Mm.21761
42530	55820	AW536361	TC161441	null	Mm.38930
18124	24945	AW536424	TC202487	null	Mm.86400
115536	169816	AW536460	TC159865	X16	Mm.6787
50047	68095	AW536326	null	null	null
148447	141528	null	null	null	null
16418	22155	AW536429	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
85483	73702	AW536471	null	null	Mm.102503
120243	299109	AW544184	null	null	null
4396	4314	AW544253	TC176316	null	Mm.39973
49541	62245	AW544320	TC186685	null	Mm.29916
175687	244149	AW544374	TC173154	dead-box RNA helicase	Mm.18459
0	0	null	null	null	null
123042	113293	AW544267	TC200795	null	Mm.28858
0	0	AW544337	null	null	Mm.104503
0	0	AW544389	TC202441	null	Mm.6724
22147	32178	AW545372	TC176136	null	Mm.46649
72789	46313	AW545455	TC162743	null	Mm.6161
19843	21638	AW545598	TC187238	GLUT4 vesicle protein	Mm.29010
177275	221662	AW545658	TC157774	p120	Mm.35738
0	0	AW545393	TC163235	null	Mm.34612
0	0	null	null	null	null
160056	193431	AW545614	null	null	null
75291	90282	AW545673	null	null	Mm.102792
206954	275202	AW536514	null	null	Mm.22505
58694	68993	AW536564	TC187540	null	Mm.28038
83599	106459	AW536617	TC177778	null	Mm.39024
25242	27346	AW536675	TC200962	null	Mm.26214
12019	19995	null	null	null	null
368102	234968	AW536623	TC173952	null	Mm.12983
7819	11107	AW536691	TC164682	null	Mm.37530
6141	3862	AW543829	TC201124	ornithine decarboxylase antizy	Mm.675
0	0	AW543974	TC201827	unnamed protein product	Mm.100589
188904	159278	AW544045	TC186893	null	Mm.21707
23229	48703	AW544122	TC186566	DN38	Mm.3797
36442	65247	AW543848	TC160569	nucleolar RNA helicase II/Gu	Mm.24830
266263	259289	AW543993	TC189523	null	Mm.28334
85547	97448	AW544069	null	null	null
1117933	1802321	AW544139	null	null	null

606691	648579	AW545016	TC160422	ALG-2	Mm.24254
140516	142220	AW545193	TC187351	null	Mm.17162
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22454	21754	AW545323	null	null	null
7043	8718	AW545120	null	null	null
22481	21339	AW545215	TC201915	null	Mm.24353
1154715	1364269	AW545291	null	null	Mm.2648
0	0	AW545338	TC186452	unknown	Mm.39896
31336	35695	AW536319	TC188644	null	Mm.23826
0	0	AW536363	null	null	Mm.102501
44815	61945	null	null	null	null
49285	69518	AW536460	TC159865	X16	Mm.6787
61112	78468	AW536327	TC163059	null	Mm.38439
60219	67482	AW536390	TC187037	26S proteasome subunit p40.5	Mm.29760
44707	66151	AW536433	TC174118	NST-1	Mm.89341
10997	23055	null	null	null	null
19750	23937	AW544186	null	null	null
0	0	AW544257	null	null	null
33723	36121	AW544322	TC157445	null	Mm.103388
177665	190877	AW544375	TC206813	null	Mm.49048
59719	80257	AW544204	TC173202	CCTtheta, theta subunit of the	Mm.17989
197015	209831	AW544269	null	null	null
195965	217964	AW544339	TC159490	cadherin associated protein	Mm.18962
62073	69859	AW544394	TC188512	null	Mm.20363
0	0	null	null	null	null
34203	46358	AW545456	TC203204	toll/interleukin-1 receptor 8	Mm.38017
16783	25543	AW545602	TC159140	null	Mm.104586
16854	19877	AW545662	TC160146	MSS1	Mm.2462
28503	31542	AW545404	null	null	null
0	0	AW545556	TC160418	RNA/DNA-binding protein	Mm.1951
17987	15600	AW545615	TC188179	null	Mm.21480
0	0	AW545676	TC162953	null	Mm.76286
59118	66998	AW536516	TC161200	null	Mm.89515
17176	47503	AW536567	TC202160	null	Mm.102507
174714	133912	AW536618	TC162026	null	Mm.34789
133875	112537	null	null	null	null
111477	197335	AW536523	TC174466	I-kappa B alpha chain	Mm.8884
19662	30267	AW536576	TC164418	tsec-1	Mm.14485
815792	1100125	AW536624	null	null	null
14648	12452	AW536692	TC158679	null	Mm.37308
0	0	null	null	null	null
7781	12575	AW543975	TC201870	null	Mm.36541
61740	78450	AW544048	TC201035	null	Mm.31845
0	0	null	null	null	null
91213	129897	AW543849	TC163367	SIL	Mm.3988
132694	155677	AW543994	TC161746	null	Mm.24431
22197	32296	AW544077	TC211295	null	Mm.102737
39497	57087	AW544140	TC200781	null	Mm.9257
34149	56296	AW545018	TC179099	null	Mm.102777
64254	91978	AW545194	TC175733	null	Mm.22413
1059057	959354	AW545279	TC186387	null	Mm.22699

234466	362346	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
0	0	AW545121	null	null	Mm.102778
75457	85120	AW545219	null	null	null
444172	539993	AW545296	null	null	null
15195	22603	AW545339	TC157330	arginine-tRNA-protein transfer	Mm.21907
37957	43258	AW536320	TC188108	ORC4-related protein	Mm.21834
99588	100983	AW536375	TC159968	null	Mm.24593
243614	598906	AW536425	TC159415	nucleolin	Mm.4907
0	0	AW536463	null	null	null
63925	87560	AW536328	TC159955	signal recognition particle su	Mm.850
63381	57980	AW536397	TC190304	molybdenum cofactor synthesis-	Mm.22256
89380	53236	AW536435	TC203025	null	Mm.29293
1078864	598302	AW536474	TC200117	apolipoprotein A-IV	Mm.4533
0	0	AW544190	TC161453	null	Mm.30224
29100	36524	AW544260	TC159061	ERCC-1 polypeptide (AA 1-298)	Mm.4700
189729	205956	AW544323	null	null	null
14070	19163	AW544376	TC201258	null	Mm.24474
18113	21318	AW544205	TC191443	null	Mm.95292
118664	126543	AW544270	TC186568	ras-related C3 botulinium tox	Mm.889
11648	16516	AW544340	TC161693	null	Mm.102126
0	0	null	null	null	null
0	0	AW545379	TC180588	null	Mm.102705
5823	11464	AW545543	TC189923	putative	Mm.27096
666104	783951	AW545606	null	null	Mm.102790
14377	21585	AW545662	TC160146	MSS1	Mm.2462
58568	41536	AW545405	TC201944	null	Mm.27451
0	0	AW545557	null	null	null
6012	6939	AW545620	TC190985	null	Mm.102791
53105	97055	AW545677	TC160834	cytokeratin	Mm.1012
76436	110346	AW536518	TC174563	BAF53a	Mm.29546
50850	69703	AW536572	TC202959	null	Mm.45020
124245	258549	null	null	null	null
182873	254108	AW536682	TC187080	nuclear pore-targeting complex	Mm.16710
52190	71043	AW536528	TC157256	null	Mm.104216
67840	60790	AW536578	TC174717	ubiquitin specific protease 16	Mm.27510
29733	34143	AW536629	TC157992	null	Mm.88389
168539	112615	AW536693	TC173909	alpha-1 type II collagen	Mm.2423
43719	54837	AW543832	TC160705	null	Mm.27695
8253	7754	AW543978	TC189821	null	Mm.27124
346006	344552	AW544050	TC160402	cathepsin Z	Mm.115
128275	142531	AW544127	TC179076	null	Mm.55062
725726	655123	AW543850	TC186897	null	Mm.28981
825631	737414	AW543998	TC174435	3.4J polypeptide	Mm.2442
143044	157568	AW544079	TC157881	null	Mm.33206
27953	35053	AW544141	TC200894	null	Mm.29120
17997	19909	AW545109	null	null	null
41380	41617	AW545196	TC173039	Sui1 homolog	Mm.13886
72266	101553	AW545280	TC160334	translin	Mm.14644
261051	370705	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
100519	100494	AW545124	null	null	null
4817	10096	AW545222	TC188867	null	Mm.37756

16017	27101	null	null	null
139181	194979	AW545340	TC201530	mCAC
21953	17028	AW536321	TC189025	null
71240	69208	AW536378	TC188618	null
30654	48781	AW536426	TC157719	prenidogen (AA -28 to 1217)
0	0	AW536464	TC163370	null
61510	61421	AW536329	TC173482	null
57150	52913	AW536398	TC186761	null
16747	24127	AW536439	TC173573	factor B
2900	9473	AW536477	TC187257	null
7304	8487	AW544193	null	null
71049	53719	AW544263	TC178116	null
0	0	AW544328	TC191236	null
12999	11309	AW544378	TC175889	ecto-apyrase CD39
26601	33443	AW544207	TC161179	ubiquitin-conjugating enzyme U
130350	100817	AW544272	TC160238	DnaJ-like protein
63884	104176	AW544343	TC186828	null
9919	15614	AW544399	null	null
0	0	AW545386	TC187482	null
0	0	AW545547	TC202827	null
12907	14100	null	null	null
39892	43433	AW545662	TC160146	MSS1
0	0	AW545407	TC189305	50C15 protein
41375	44025	AW545558	TC174731	IKappaB-like protein
6167	8540	AW545622	TC176376	endothelial cell protein C/APC
37586	33685	AW545681	TC162677	null
38426	49616	AW536519	TC173681	null
94079	161879	AW536573	TC188803	null
306810	310113	AW536619	TC201981	null
224168	205043	AW536686	TC161298	null
300769	324160	AW536530	TC160406	NF-IL6
148515	154966	AW536579	TC188676	null
15245	15961	AW536630	TC178886	null
333704	350473	AW536694	TC202108	null
0	0	AW543833	TC176395	null
17516	22878	AW543984	TC201675	null
89818	102272	AW544060	TC201176	null
48766	62296	AW544128	TC165800	null
99366	89592	AW543851	null	null
19007	12067	AW544004	TC201826	Ran-interacting protein MOG1
37826	58951	AW544081	TC159924	retinoblastoma-binding protein
59919	58361	AW544146	TC191689	null
0	0	AW545111	TC164195	null
89479	81369	AW545197	TC173485	null
17003	17636	AW545282	TC193233	null
40998	54908	AW545328	TC201501	null
0	0	AW545125	TC161019	small zinc finger-like protein
0	0	AW545225	TC157293	null
115442	129720	AW545297	TC159952	vacuolar adenosine triphosphat
105815	97524	AW545345	TC157685	mouse 57-KD Calcium-binding p
137755	179934	AW536322	TC186887	null

339978	180317	AW536380	TC200060	malate dehydrogenase	Mm.3156
40560	70497	AW536427	TC175460	null	Mm.18798
9408	7119	AW536465	TC188204	null	Mm.22583
0	0	AW536331	null	null	Mm.102500
20490	23468	AW536400	TC202345	null	Mm.34803
35750	38554	AW536440	null	null	null
40418	32321	AW536479	TC192785	mdkk-1	Mm.7960
25134	32278	AW544196	TC161521	null	Mm.21458
24409	24771	AW544264	TC199485	null	Mm.102745
1693114	2182207	AW544332	null	null	null
24090	38793	AW544382	TC201222	null	Mm.18739
44943	38832	AW544209	TC158494	cytochrome P-450 17-alpha-hydr	Mm.1262
34594	39860	AW544275	null	null	null
502280	1002069	AW544349	null	null	Mm.102747
159010	163691	AW544402	TC186895	null	Mm.24280
0	0	AW545388	TC176308	Rab23 protein	Mm.40644
17387	23669	AW545548	TC200436	null	Mm.29890
24831	25252	AW545609	TC174923	null	Mm.27489
124707	122147	AW545668	TC201696	null	Mm.17087
8872	9869	AW545410	TC203233	null	Mm.41050
13390	16766	AW545559	TC200539	null	Mm.38306
6208	8135	null	null	null	null
28933	6080	AW545683	TC164416	null	Mm.89753
60571	72150	AW536520	TC190783	null	Mm.19287
188129	118069	AW536574	TC187963	null	Mm.34511
56845	86785	AW536621	TC187073	null	Mm.15701
1308004	1200125	AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
57268	80001	AW536531	TC160484	null	Mm.29164
0	0	AW536580	null	null	Mm.104497
8969	10416	AW536637	TC159227	null	Mm.34582
354345	270551	AW536696	TC173104	null	Mm.63
9284	7393	AW543834	TC177093	null	Mm.103473
36974	30579	AW543985	TC161266	null	Mm.27987
17401	21580	AW544065	TC201909	null	Mm.28094
166177	253098	AW544130	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
0	0	AW543941	TC203425	synaptogyrin 1b	Mm.10217
44568	41972	AW544006	null	null	Mm.102735
8235	10387	AW544082	TC201229	null	Mm.29591
28020	41375	AW544147	TC161018	null	Mm.38104
55656	60059	AW545118	TC187443	null	Mm.61682
6048	8568	AW545024	TC162887	null	Mm.23185
55677	62117	AW545284	TC203191	Sek-2	Mm.2581
344604	559222	AW545330	null	null	null
41143	64036	AW545126	TC187923	tryptophan--tRNA ligase	Mm.38433
0	0	AW545228	TC173671	null	Mm.29714
0	0	AW545298	TC201616	nucleotide-binding protein sho	Mm.36718
88552	121415	AW545346	TC200377	null	Mm.22661
19040	32086	AW536325	TC158445	null	Mm.26903
23097	23605	AW536381	TC175527	MGA protein	Mm.87532
57274	76929	AW536428	TC186779	null	Mm.22876
152937	121720	AW536468	TC161577	null	Mm.28972

17984	18995 AW536332	TC203090	null	Mm.27191
23993	35290 AW536403	TC187181	interleukin enhancer binding f	Mm.20935
34957	41002 AW536441	TC160561	null	Mm.21859
87718	98188 AW536480	TC189279	null	Mm.34870
42958	52029 AW544199	TC159009	tropomodulin 3	Mm.38445
16323	10298 AW544265	null	null	null
24322	26039 AW544333	TC202272	null	Mm.23685
31841	46421 AW544387	null	null	Mm.102748
32950	24013 AW544212	TC187375	peroxisomal acyl-CoA oxidase	Mm.8403
52581	50456 AW544280	TC173546	contains transmembrane (TM) re	Mm.25412
0	0 null	null	null	null
0	0 AW544405	TC203836	null	Mm.41887
0	0 AW545392	TC200704	null	Mm.43765
15510	20338 AW545552	TC206590	null	Mm.100341
26668	29059 AW545612	TC202865	null	Mm.36834
26866	37747 AW545672	TC164142	null	Mm.32245
0	0 AW545411	TC188821	mTim1	Mm.6458
27091	27107 AW545561	TC195921	null	null
0	0 null	null	null	null
0	0 AW545684	TC191346	null	Mm.25647
122564	123774 AW536521	null	null	Mm.11360
448019	290392 AW536575	TC187438	null	Mm.27923
287612	477026 AW536622	null	null	Mm.30093
1490292	1318205 AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
513939	449695 AW536532	TC178028	null	Mm.30268
59586	55984 AW536585	TC162427	null	Mm.53963
215787	257065 AW536640	TC200400	nuclear protein np95	Mm.42196
126131	148746 AW536699	TC174069	receptor tyrosine kinase-relat	Mm.3860
41167	40537 AW537075	TC186822	null	Mm.17307
136518	146876 AW537130	TC185913	null	null
332466	372725 AW537199	TC202127	null	Mm.28537
28661	33363 AW537248	TC177864	null	Mm.31539
105206	121780 AW537086	TC161663	nuclear protein, NP220	Mm.4503
48733	63397 AW537152	null	null	null
454561	638664 AW537210	TC201354	11-zinc-finger transcription f	Mm.493
30165	33872 null	null	null	null
0	0 C76110	null	null	null
0	0 C76179	TC191692	null	Mm.5466
67734	59237 C76272	null	null	null
0	0 C76349	TC160691	SCG10-related protein HiAT3	Mm.2319
62678	62818 C76131	TC200356	makorin 1	Mm.7198
122321	128641 C76204	TC188312	four and a half LIM-domain pro	Mm.6799
547425	607998 C76282	TC158355	null	Mm.30043
17189	33357 C76390	TC174250	eIF-1A	Mm.24090
15727	15029 C77465	TC204292	null	Mm.27577
0	0 C77525	null	null	null
0	0 C77583	null	null	null
0	0 C77659	null	null	null
13300	6537 C77487	TC163116	null	Mm.21926
64285	32366 C77537	TC203340	null	Mm.23959
0	0 C77593	null	null	Mm.42175

0	0	C77672	null	null	Mm.36571
0	0	AW537290	null	null	null
18784	23495	AW537354	TC193734	null	Mm.102523
85735	106286	null	null	null	null
56098	52225	AW537461	TC160922	null	Mm.43671
35221	38635	AW537308	TC201256	null	Mm.28202
84230	120870	AW537368	TC189032	acetylglucosaminyltransferase-	Mm.20872
116688	187186	AW537412	TC159594	L26	Mm.3229
379887	455831	AW537479	TC162856	null	Mm.10088
22383	26875	C76457	null	null	null
8120	11129	C76553	null	null	null
11595	13230	C76674	null	null	null
0	0	C76753	null	null	Mm.34930
4131	5807	C76471	null	null	Mm.24911
16628	18259	C76575	null	null	null
81632	94654	C76687	TC193875	null	Mm.5522
7945	10566	C76770	TC198946	null	Mm.24922
14696	15851	C77714	null	null	null
54372	56404	C77803	TC195386	null	null
11681	12572	C77893	null	null	null
29297	25040	C77973	null	null	null
0	0	C77741	null	null	null
0	0	C77819	TC172203	null	null
0	0	C77922	null	null	Mm.34935
18265	27849	C77997	TC187359	silencing mediator of retinoic	Mm.29412
58755	63918	AW537080	TC187266	SHYC	Mm.12912
45099	53979	AW537132	TC202369	ganglioside-induced differenti	Mm.22080
218714	223278	AW537201	TC201593	null	Mm.29529
22744	25550	AW537249	TC188852	null	Mm.27827
644899	518398	AW537088	TC157699	null	Mm.35849
82279	92975	AW537155	TC187554	Pax transcription activation d	Mm.9558
17874	18115	AW537212	null	null	null
228641	303571	AW537256	TC157771	neural specific sr protein NSS	Mm.10229
112641	120959	C76116	null	null	null
25859	26769	C76182	TC201702	serine/threonine kinase	Mm.3794
8839	3096	C76273	null	null	null
19544	10605	C76361	null	null	Mm.21983
12109	21041	C76134	TC158562	null	Mm.22587
0	0	C76207	TC164368	null	Mm.21870
8908	14098	C76294	null	null	null
0	0	C76391	TC166480	null	Mm.38113
0	0	C77469	TC201518	null	Mm.27236
0	0	C77526	null	null	null
18526	28512	C77584	TC174481	null	Mm.5624
34107	46544	C77662	TC164364	null	Mm.5633
17531	20623	C77488	null	null	null
0	0	C77540	null	null	null
14227	18199	C77594	null	null	null
72540	117149	C77673	null	null	null
49880	65454	AW537292	TC160761	cleavage and polyadenylation s	Mm.716
525568	576743	AW537357	TC159949	syntenin	Mm.14744

58051	59322	AW537405	TC173466	null	Mm.30017
599332	888686	AW537462	TC162355	null	Mm.100672
67847	83113	AW537310	TC173418	null	Mm.24455
83203	101219	AW537369	null	null	null
206809	369714	AW537412	TC159594	L26	Mm.3229
1030992	835498	AW537480	TC159755	ATP synthase alpha subunit	Mm.4069
25455	34394	C76460	null	null	Mm.24909
23371	21811	C76555	TC212591	null	Mm.34929
28860	33690	C76678	TC158940	Sid6061p	Mm.25198
115536	110231	C76754	TC190585	null	Mm.100613
20698	12559	C76472	null	null	Mm.42516
25489	17947	C76577	TC163782	null	Mm.27446
23612	30928	C76692	TC198942	null	null
20009	23596	C76793	null	null	null
0	0	C77717	null	null	null
0	0	C77804	null	null	null
0	0	C77901	null	null	null
24765	27017	C77975	TC160751	null	Mm.22031
6967	7067	C77745	TC175556	null	Mm.6642
0	0	C77823	TC202865	null	Mm.21302
17134	20099	C77923	TC203601	null	Mm.3028
479464	802940	C78001	TC201766	null	Mm.74665
37814	66202	AW537081	TC175410	peroxisomal trans 2-enoyl CoA	Mm.29988
39467	67812	AW537134	TC202574	null	Mm.21905
76920	21258	AW537202	TC175747	dihydrofolate reductase	Mm.23695
61742	89885	AW537250	TC158970	null	Mm.25364
51959	51578	AW537091	null	null	Mm.298
204544	228851	AW537159	TC160986	null	Mm.34081
21885	30153	null	null	null	null
497936	589411	AW537257	TC201200	null	Mm.22710
35521	53230	C76118	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
0	0	C76186	null	null	null
23190	27943	C76274	null	null	Mm.43510
594890	700901	C76363	TC200126	p59 immunophilin	Mm.12758
15374	20321	C76136	null	null	null
112682	163507	C76213	null	null	Mm.43290
64110	77703	C76297	TC205688	null	Mm.27084
8450	24357	C76393	null	null	null
45304	80047	C77473	TC161692	null	Mm.23961
18284	24835	C77528	TC188278	glucose transporter	Mm.7241
5151	10107	C77586	null	null	null
6984	8344	C77664	null	null	null
0	0	C77490	null	null	null
60304	70473	C77542	TC190638	null	null
9894	8417	C77595	TC195013	null	Mm.33254
43517	45191	C77675	TC174739	null	Mm.21353
72910	77659	AW537295	null	null	Mm.1777
117034	143199	AW537358	TC159044	null	Mm.29303
54781	35975	AW537406	TC202195	null	Mm.2097
320053	336593	AW537468	null	null	null
0	0	AW537323	TC205268	null	Mm.103408

39438	70892	AW537371	TC187912	A+U-rich RNA-binding protein	Mm.22617
167438	132299	AW537419	null	null	Mm.103534
33430	37644	AW537485	TC176048	85 kDa calcium-independent pho	Mm.30787
40880	43929	C76462	TC203525	null	Mm.25345
0	0	C76556	null	null	null
6949	10929	C76680	null	null	null
11623	14948	C76755	null	null	Mm.27625
0	0	C76473	null	null	null
0	0	C76585	TC175686	null	null
0	0	C76698	null	null	null
0	0	C76795	TC203668	Ets-protein Spi-C	Mm.21642
0	0	C77727	TC179797	null	Mm.83611
10415	13183	C77805	null	null	null
84190	110101	C77904	TC189214	null	Mm.6617
87638	185725	C77976	TC175555	null	Mm.31730
0	0	C77746	TC177110	DNA-binding protein, GF-1	Mm.1344
68399	75494	C77827	TC161853	null	Mm.27703
47804	54475	C77933	TC201325	null	null
27646	48940	C78002	null	null	Mm.33206
282597	355768	AW537082	TC206515	null	null
284681	404096	AW537147	TC173219	null	Mm.29841
87992	88137	AW537205	null	null	Mm.6357
38017	53511	AW537253	TC162277	null	Mm.28289
397370	410622	AW537092	TC187700	null	Mm.28026
17125	17603	AW537167	TC202765	null	Mm.24735
57712	70467	AW537213	TC203116	null	Mm.23670
207598	252793	AW537258	TC176157	null	Mm.21897
0	0	C76121	TC206373	null	Mm.25583
39004	31640	C76199	null	null	null
21649	27890	C76276	null	null	null
20401	28794	C76381	TC198933	null	Mm.24907
0	0	C76143	null	null	null
229080	323188	C76214	TC160368	null	Mm.31114
190344	273739	C76301	TC176961	plasma-cell membrane protein	Mm.27254
41026	55628	C76397	TC174993	null	Mm.29183
4879	4862	C77477	null	null	null
0	0	C77533	null	null	null
103648	141107	C77589	TC187526	null	Mm.24327
6676	7811	C77665	TC203735	CDC25	Mm.16857
0	0	C77491	null	null	null
0	0	C77545	null	null	Mm.24957
22551	31042	C77600	TC175135	hypothetical protein	Mm.28542
10228	8891	C77677	TC172092	null	Mm.33972
60327	80310	AW537296	TC175274	null	Mm.10076
10595	12256	AW537360	null	null	Mm.103389
0	0	AW537408	TC206085	null	Mm.26022
16538	11433	AW537469	TC186656	null	Mm.29984
0	0	AW537326	TC157885	null	Mm.104109
34177	30064	AW537373	null	null	Mm.103467
647114	594962	AW537420	TC157638	cathepsin B	Mm.22753
25096	34981	AW537490	TC178102	null	Mm.44732

12439	10201	C76464	TC162508	metal response element DNA-bin	Mm.10563
12065	14255	C76558	null	null	Mm.5507
19329	34550	C76683	TC167140	null	Mm.35801
0	0	C76757	null	null	null
9515	21171	C76481	TC203850	urokinase-type plasminogen act	Mm.1359
104153	117662	C76590	null	null	Mm.27295
822690	1554184	C76703	TC201259	null	Mm.27288
11530	11881	C76797	null	null	null
14477	25235	C77734	null	null	null
8775	16842	C77806	null	null	null
13695	20901	C77905	null	null	null
38350	57373	C77977	null	null	Mm.88589
13912	13078	C77752	null	null	null
33327	40650	C77831	null	null	null
66152	78800	C77934	TC164370	null	Mm.5662
39987	36582	C78006	null	null	null
153194	238727	AW537083	TC202086	null	Mm.22417
613487	608147	AW537150	TC200182	null	Mm.1893
225841	399318	AW537207	TC200110	snapin	Mm.21534
440626	358539	AW537254	TC175311	alpha diacylglycerol kinase; a	Mm.19981
168005	222341	AW537096	TC160183	null	Mm.23750
166237	155888	AW537168	TC173536	actin-related protein 1 alpha-	Mm.3118
22481	26971	AW537215	TC187870	HNP36 protein	Mm.4930
27875	38312	AW537261	TC162768	traube	Mm.18994
0	0	C76123	TC167050	null	Mm.24905
26669	40420	C76201	null	null	null
64151	70523	C76277	TC162518	null	Mm.24891
24390	29039	C76383	TC205876	null	Mm.24836
66223	81818	C76146	TC212581	null	Mm.24895
0	0	C76216	null	null	null
700575	935814	C76305	TC200453	null	Mm.28622
0	0	C76402	TC203416	null	Mm.24616
40101	28677	C77480	null	null	Mm.10409
0	0	C77534	null	null	null
0	0	C77590	null	null	null
10171	16746	C77666	null	null	null
15060	18327	C77492	null	null	null
37089	44691	C77550	null	null	null
0	0	C77603	null	null	null
72477	70678	C77683	null	null	null
29479	39595	AW537298	TC158977	A kinase anchor protein 95	Mm.25645
22406	23271	AW537364	TC165088	activin type IIB receptor	Mm.8940
26174	37150	AW537411	TC174746	null	Mm.27953
142215	169731	AW537470	TC201538	null	Mm.26773
35251	53368	AW537327	TC200399	null	Mm.41552
475761	426333	AW537378	null	null	null
0	0	AW537421	TC189201	null	Mm.44603
258140	256522	AW537491	null	null	null
27044	28509	C76465	null	null	Mm.24910
28427	32323	C76565	TC202440	null	Mm.27186
126931	147541	C76685	TC158911	ribophorin	Mm.22130

11383	11696	C76761	null	null	null
102339	121733	C76483	TC161397	null	Mm.30212
13520	22018	C76596	TC163490	null	Mm.27654
526958	618976	C76710	TC174518	galectin-4	Mm.17911
11614	13533	C76798	null	null	null
16665	27123	C77735	null	null	null
0	0	C77808	null	null	null
3713	6036	C77913	TC178491	growth factor	Mm.4213
126344	209183	C77982	TC160261	null	Mm.24158
0	0	C77756	null	null	Mm.24967
0	0	C77841	null	null	null
12578	15333	C77943	null	null	Mm.34934
78102	125582	C78009	TC200211	null	Mm.6932
197644	341510	AW537084	TC162161	DNA (cytosine-5)-methyltransfe	Mm.7814
1599877	1656746	AW537151	null	null	null
162561	149439	AW537209	TC176235	null	Mm.38993
294543	294655	AW537255	TC197652	null	Mm.102519
174965	250555	null	null	null	null
57776	113954	AW537169	TC161937	null	Mm.27851
21412	27607	AW537216	null	null	null
123941	123304	AW537264	null	null	Mm.102520
29664	32065	C76126	null	null	Mm.5457
22126	27159	C76202	null	null	Mm.24897
98981	104945	C76278	null	null	null
0	0	C76388	null	null	null
36496	35977	C76151	TC176385	null	Mm.6445
0	0	C76219	null	null	null
37506	38113	C76307	null	null	Mm.2992
5210	8807	C76405	TC170347	null	null
0	0	C77484	null	null	null
0	0	C77536	TC193809	null	Mm.69026
0	0	C77591	null	null	null
0	0	C77669	null	null	null
15587	19914	C77494	null	null	null
0	0	C77554	null	null	Mm.5621
3092	5721	C77609	null	null	Mm.24959
8214	8103	C77684	null	null	null
59022	62469	AW537305	TC174779	null	Mm.35790
34463	46837	AW537365	TC158242	nucleoside diphosphate kinase	Mm.1260
0	0	AW537411	TC174746	null	Mm.27953
62530	97780	AW537471	null	null	null
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39619	42708	AW537379	TC157940	null	Mm.4086
40302	48399	AW537424	null	null	null
22190	26865	AW537496	TC176051	WD40 repeat protein	Mm.15694
118232	125717	C76468	TC174047	null	Mm.29432
72423	80582	C76566	TC202440	null	Mm.27186
16662	11923	C76686	TC213153	null	null
37369	88189	C76763	TC200682	null	Mm.28614
57615	80448	C76486	null	null	Mm.24389
11570	19915	C76601	null	null	Mm.31117

0	0	C76711	null	null	null
0	0	C76801	TC161316	null	Mm.12568
116643	113492	C77739	TC174282	null	Mm.21761
25846	38235	C77815	null	null	Mm.24971
146976	141969	C77914	TC173379	zinc finger protein ZNF216	Mm.2904
36434	42786	C77984	null	null	Mm.24977
62276	67814	C77757	TC167578	null	null
11435	11447	C77843	null	null	Mm.35709
0	0	C77945	null	null	null
249191	215136	C78013	TC175199	DXImx39e protein	Mm.29596
27447	31579	C78663	TC207546	null	null
0	0	C78728	null	null	null
0	0	C78802	null	null	null
8561	9596	C78858	null	null	Mm.25004
0	0	C78681	null	null	Mm.27125
12975	13172	C78750	null	null	Mm.43954
28443	28193	C78815	TC189230	null	Mm.29604
7836	7016	C78876	null	null	null
3316	3545	C79741	null	null	Mm.25056
22059	19293	C79821	TC161832	null	Mm.5918
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0	0	C79996	null	null	null
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28705	28120	C79839	TC173942	null	Mm.28483
7147	5861	C79922	null	null	null
0	0	C80005	null	null	null
38601	57574	C81130	TC188341	null	Mm.28232
20132	14652	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
94808	66301	C81324	TC160307	null	Mm.29051
8832	10618	C81414	TC162602	prostaglandin E synthase	Mm.28768
0	0	C78914	null	null	null
9249	6927	C78973	TC162609	null	Mm.21103
0	0	C79034	null	null	null
0	0	C79113	null	null	null
92508	104699	C78930	TC160481	SDF4	Mm.30149
86768	108015	C78989	TC203588	null	Mm.34366
12804	14481	C79050	TC174736	null	Mm.6519
294189	482310	C79131	null	null	Mm.2180
8099	10426	C80070	TC200228	B cell antigen receptor Ig bet	Mm.30235
0	0	C80140	TC179880	null	Mm.37566
0	0	C80197	null	null	Mm.34946
0	0	C80273	TC201097	null	Mm.28399
0	0	C80086	null	null	null
0	0	C80148	TC188668	null	Mm.42674
0	0	C80205	null	null	null
6940	8242	C80283	null	null	null
70347	82209	C81487	TC186716	3SG protein	Mm.25622

15822	21507	C81600	null	null	Mm.6062
0	0	C85098	null	null	null
22521	28561	C85178	TC176855	null	Mm.27381
0	0	C81514	TC159172	null	Mm.6047
0	0	C85045	null	null	null
0	0	C85187	null	null	Mm.36437
14801	8492	C78665	TC174094	null	Mm.28293
3711	3997	C78729	TC163505	null	Mm.46585
0	0	C78803	TC179150	null	Mm.34917
0	0	C78859	TC184997	null	Mm.5761
15164	13285	C78682	null	null	null
43318	40746	C78752	TC157645	casein kinase II beta subunit	Mm.26789
2703	4095	C78819	TC174921	null	Mm.27662
63703	70425	C78877	TC174325	mSUG1 protein	Mm.665
0	0	C79743	null	null	null
87336	112552	C79827	TC158918	UbcM4 protein	Mm.3074
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8981	11208	C79997	null	null	null
113814	57977	C79756	TC204071	embryonic alkaline phosphatase	Mm.26096
0	0	C79845	null	null	null
65218	45952	C79925	TC200103	cytochrome c oxidase subunit V	Mm.360
0	0	C80008	TC164520	null	Mm.11746
6913	19373	C81217	null	null	Mm.25107
33056	42497	C81304	TC203748	null	Mm.45584
62162	45921	C81388	TC160147	monocarboxylate transporter 1	Mm.9086
15132	25275	C81148	null	null	Mm.25102
0	0	C81243	TC204333	null	Mm.24777
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49263	59632	C81415	TC178108	null	Mm.6043
44944	61077	C78918	TC173628	beta-transducin repeat-contain	Mm.28734
9838	10834	C78974	TC201621	null	Mm.29247
41058	59900	C79036	null	null	Mm.25007
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46190	50505	C79132	TC201118	null	Mm.28468
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5155	5576	C80210	TC173132	null	Mm.31138
5012	6534	C80285	TC190087	null	Mm.28458
0	0	C81495	null	null	Mm.104568
55706	69428	C81602	TC187863	glutathione synthetase type A1	Mm.7504
0	0	C85100	TC203824	Pig-b	Mm.9561
6533	13712	C85180	TC188729	null	Mm.25408
59996	75071	C81515	null	null	Mm.13351
3708	10515	C85048	null	null	null
0	0	C85115	TC160509	null	Mm.22560

231420	289296	C85189	TC186580	null	Mm.5612
0	0	C78668	null	null	null
4607	6675	C78732	TC199139	null	Mm.24999
0	0	C78806	null	null	null
0	0	C78862	TC189908	proton-dependent high affinity	Mm.25005
13812	20233	C78684	null	null	null
88521	168098	C78755	null	null	Mm.102901
66791	82252	C78821	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
17676	27401	C78879	TC176704	null	Mm.23690
5160	6970	C79744	null	null	null
29337	27241	C79830	null	null	null
0	0	C79910	null	null	null
37580	43822	C79999	null	null	null
6837	14831	C79764	TC180060	null	Mm.5874
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8792	12570	C79927	null	null	null
0	0	C80012	null	null	Mm.25058
93265	60285	C81219	TC190709	null	Mm.29740
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7988	13372	C81402	null	null	Mm.31144
0	0	C81149	null	null	null
23611	23396	C81245	null	null	Mm.25108
124653	152342	C81330	TC158820	null	Mm.20877
0	0	C81417	TC189096	null	Mm.6536
0	0	C78920	TC202936	null	Mm.871
70739	92500	C78982	TC187273	clathrin adaptor protein mu3A	Mm.3256
12589	15366	C79038	null	null	Mm.34940
20482	26726	C79120	TC205827	null	Mm.33428
132686	269808	C78937	null	null	Mm.4358
0	0	C78996	null	null	null
18503	21807	C79052	TC167231	null	Mm.25008
0	0	C79133	null	null	null
58428	38054	C80074	TC163418	null	Mm.21475
0	0	C80142	null	null	null
0	0	C80199	null	null	null
0	0	C80278	null	null	null
0	0	C80095	TC174041	FKBP65 binding protein	Mm.3894
0	0	C80156	null	null	null
0	0	C80212	TC177374	null	Mm.28949
0	0	C80287	null	null	null
0	0	C81497	null	null	null
12400	16892	C81606	null	null	null
67773	69922	C85101	TC175686	null	Mm.28158
4029	7774	C85181	null	null	Mm.9571
0	0	C81520	null	null	null
0	0	C85051	null	null	null
63312	50475	C85116	TC177325	null	null
114061	156657	C85192	TC163258	LIN-7 homolog 3	Mm.9573
0	0	C78670	TC186599	null	Mm.29949
22376	34649	C78734	TC177409	null	Mm.21164
0	0	C78807	null	null	null

53726	55728	C78865	TC188726	nuclear receptor coactivator R	Mm.27592
0	0	C78686	null	null	null
14976	23204	C78757	TC175680	null	Mm.29696
15544	20229	C78822	null	null	null
0	0	C78880	null	null	null
101492	87538	C79749	null	null	Mm.5873
0	0	C79832	TC199198	null	Mm.25051
0	0	C79911	TC163808	Y-box protein MSY2 isoform a	Mm.29286
13940	16060	C80000	null	null	Mm.42673
49574	51515	C79766	TC187525	null	Mm.21964
28622	35776	C79851	TC162009	null	Mm.29393
20889	27757	C79931	TC174358	jumonji protein	Mm.25059
4915	4200	C80016	TC158141	null	Mm.21312
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10206	8373	C81222	TC203711	null	Mm.25259
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27284	36893	C81403	TC187606	CARD-like apoptotic protein	Mm.28782
0	0	C81153	null	null	null
0	0	C81248	null	null	null
39677	45564	C81336	TC187720	RAB/Rip protein	Mm.6461
11979	10360	C81425	null	null	null
6648	7489	C78921	null	null	null
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0	0	C79042	null	null	null
0	0	C79122	TC199137	null	Mm.5791
0	0	C78942	null	null	null
16940	18591	C78997	null	null	null
0	0	C79053	null	null	null
6000	6735	C79136	TC159868	necdin	Mm.7089
75270	81106	C80077	TC186693	null	Mm.6072
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0	0	C80097	null	null	null
165187	337911	C80159	TC173920	null	Mm.29847
0	0	C80229	null	null	null
20435	26533	C80290	TC201940	null	Mm.4206
17208	21761	C81503	null	null	null
0	0	C81608	null	null	Mm.90061
75817	71833	C85103	TC158412	Cdc25a	Mm.29800
15008	17759	C85182	TC187949	null	Mm.21440
0	0	C81521	null	null	Mm.13352
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37794	32513	C85120	TC176626	null	Mm.9909
29306	35751	C85193	TC201255	null	Mm.9860
6862	11734	C78671	null	null	null
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9407	8774	C78870	null	null	null
0	0	C78691	TC202381	null	Mm.6929
16608	25541	C78760	null	null	null

0	0	C78824	null	null	null
0	0	C78885	null	null	Mm.5763
44501	54139	C79750	null	null	Mm.15571
0	0	C79836	null	null	null
0	0	C79918	TC160210	lysyl oxidase-related protein	Mm.21880
0	0	C80001	TC194480	null	Mm.25071
129006	150459	C79774	TC160942	Guanine Nucleotide Regulatory	Mm.20925
11273	21258	C79852	null	null	null
787387	915128	C79946	TC199267	null	null
34814	37728	C80018	null	null	Mm.13314
13834	23292	C81141	null	null	null
0	0	C81224	null	null	null
16036	23103	C81315	null	null	null
12764	19230	C81410	TC188206	alpha-1,3-galactosyltransferas	Mm.1548
0	0	C81174	TC188268	rab20	Mm.14712
78329	100892	C81254	TC187884	null	Mm.38521
30135	59016	C81338	TC200928	collagen a1(V)	Mm.7281
61074	77137	C81429	TC188500	null	Mm.6352
24226	21390	C78927	TC162111	null	Mm.27102
15715	19120	C78986	null	null	Mm.5777
7702	19231	C79043	null	null	Mm.38261
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30734	36331	C78943	null	null	Mm.27496
16856	28261	C78998	TC200024	null	Mm.28985
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0	0	C79137	TC176044	null	Mm.28048
210724	247087	C80078	TC193113	null	Mm.25061
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0	0	C80202	null	null	null
37139	43526	C80280	TC200111	null	Mm.27453
6028	12859	C80098	null	null	Mm.963
0	0	C80161	null	null	null
22921	18239	C80232	null	null	null
0	0	C80294	TC162582	null	Mm.87229
0	0	C81506	TC178272	null	Mm.25287
3418	4164	C81621	TC176521	null	Mm.25117
12899	14612	C85104	TC175332	null	Mm.9563
0	0	C85183	TC163456	T-cell early activation protei	Mm.4676
0	0	C81530	null	null	null
0	0	C85055	TC189409	MJAM	Mm.25368
5892	3635	C85125	TC163719	null	Mm.34339
0	0	C85202	null	null	null
0	0	C78676	null	null	Mm.90252
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0	0	C78873	null	null	null
0	0	C78692	null	null	null
0	0	C78763	null	null	null
157271	84074	C78825	TC200684	null	Mm.28015
37885	25842	C78886	TC175316	null	Mm.26242
0	0	C79752	null	null	null

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0	0	C79919	null	null	null
147777	229645	C80004	null	null	Mm.27484
97148	593535	C79775	TC159636	alpha-globin	Mm.16820
61386	99760	C79855	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
6535	5477	C79947	null	null	null
31880	41977	C80019	TC174358	jumonji protein	Mm.25059
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29895	27933	C81234	TC160979	null	Mm.6055
57299	85770	C81323	TC160441	null	Mm.29187
0	0	C81412	null	null	null
4350	6382	C81180	TC164653	null	Mm.6018
24561	29592	C81256	TC202850	null	Mm.32646
193886	223690	C81342	TC200340	EAT/MCL-1	Mm.1639
0	0	C81433	TC167667	null	null
0	0	C78929	TC161613	null	Mm.36077
33805	25941	C78987	TC158954	mitogen-induced	Mm.6403
7214	12698	C79047	TC161420	protein-tyrosine-phosphatase	Mm.587
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0	0	C78947	TC157329	null	Mm.22578
16634	25315	C79058	TC161703	null	Mm.26609
0	0	C79139	null	null	null
0	0	C80085	null	null	null
95351	121359	C80147	TC200146	hepatoma derived growth factor	Mm.1141
0	0	C80204	null	null	null
30267	36321	C80282	TC157417	null	Mm.16923
0	0	C80112	TC161126	ES18	Mm.29193
9101	15957	C80165	null	null	null
7983	10670	C80236	null	null	null
49913	47267	C80308	TC187485	EXO70 protein	Mm.22530
0	0	C81510	TC199181	null	Mm.25115
75695	48056	C85044	TC164591	intestinal tyrosine kinase	Mm.4953
0	0	C85185	null	null	null
12088	11212	C81535	TC205458	null	Mm.103702
44570	24509	C85059	null	null	null
0	0	C85129	null	null	Mm.25371
0	0	C85204	null	null	null
87543	74747	C85887	TC164206	B-cell activating factor	Mm.28835
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27338	26413	C86043	TC174648	null	Mm.34557
0	0	C86115	TC205731	null	Mm.28264
4987	12479	C85907	null	null	Mm.31289
6169	7438	C85992	TC189575	null	Mm.1984
0	0	C86063	TC187808	null	Mm.28241
0	0	C86141	null	null	Mm.12877
0	0	C87101	null	null	null
45852	40617	C87178	TC187166	reading frame interferon beta-	Mm.168
0	0	C87258	TC186553	AMP activated protein kinase	Mm.6670
9438	12668	C87347	TC176830	null	Mm.23831
0	0	C87115	null	null	null
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6609	17405	C87282	TC187374	type I transmembrane protein F	Mm.28518
16012	25993	C87372	TC202512	null	Mm.18425
306866	468570	AU021740	TC158358	null	Mm.29825
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0	0	AU021880	null	null	Mm.26284
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7923	7645	AU021755	null	null	null
9592	7632	AU021832	null	null	null
0	0	AU021895	TC170342	null	Mm.11780
0	0	AU021977	null	null	null
18518	22047	C86204	null	null	null
0	0	C86280	TC170237	null	Mm.9652
12957	18199	C86362	TC200442	GAPIII	Mm.18517
0	0	C86411	null	null	Mm.25422
67877	90185	C86225	TC161925	null	Mm.1279
10146	13817	C86297	TC191396	null	Mm.9654
637386	650637	C86376	TC162121	null	Mm.18783
6916	11821	C86442	null	null	null
4672	8341	C87432	null	null	Mm.43908
0	0	C87513	null	null	Mm.34993
19279	38801	C87578	TC178707	null	Mm.22833
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0	0	C87446	null	null	null
6177	7813	C87530	null	null	null
19335	17116	C87596	TC200469	microtubule-associated protein	Mm.12625
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10740	12309	AU022121	null	null	null
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6886	10849	AU022063	null	null	null
0	0	AU022137	null	null	Mm.35643
0	0	AU022215	null	null	Mm.26303
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73355	59784	C85968	TC201400	null	Mm.25125
0	0	C86044	null	null	null
8005	10160	C86123	TC161421	null	Mm.23939
0	0	C85908	TC174762	P450CMEF	Mm.4443
0	0	C85993	TC185666	null	Mm.25526
0	0	C86064	TC177675	growth factor ARC	Mm.25405
0	0	C86146	TC192511	null	Mm.27306
66690	79441	C87102	null	null	Mm.25465
13540	21521	C87179	TC162074	null	Mm.24846
0	0	C87259	TC209616	null	Mm.45353
0	0	C87348	null	null	null
0	0	C87117	TC203455	null	Mm.37488
28521	28622	C87201	null	null	Mm.7156
6973	4498	C87286	null	null	null
0	0	C87374	TC164519	null	Mm.35100
30697	24450	AU021745	null	null	null
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32862	50632	AU021882	TC192751	null	Mm.26281
10038	14144	AU021961	null	null	Mm.38709
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13091	10876	AU021833	null	null	null
62473	42876	AU021897	null	null	Mm.26287
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172110	197343	C86207	TC201340	null	Mm.41939
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86566	129852	C86367	TC175528	null	Mm.35742
8203	6570	C86413	null	null	null
52435	49828	C86226	null	null	null
6500	9051	C86301	TC200333	null	Mm.25417
31125	39144	C86377	TC188346	null	Mm.24671
13418	14025	C86443	null	null	null
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0	0	C87602	null	null	null
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90970	144515	AU022272	TC160560	RNAse L inhibitor	Mm.5831
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21179	17507	C85976	null	null	null
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27384	28627	AU021884	null	null	Mm.26286
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18226	20800	AU022273	TC201910	null	Mm.28860
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87505	123068	AU021886	null	null	Mm.29996
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0	0	AU021836	null	null	Mm.26280
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9309	11455	C86319	TC185668	null	null
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23995	22410	AU022212	TC197175	null	Mm.26300
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20901	29959	AU022220	TC158421	null	Mm.26304
4565	6377	AU022276	TC188794	DBF4-related protein	Mm.22430
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0	0	C86004	null	null	null
32634	36454	C86078	TC191001	TI-241	Mm.2706
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22262	20768	C87114	null	null	null
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1267585	1122145	C87546	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
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20537	17719	AU022214	null	null	null
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23488	28397	AU022284	TC208058	null	Mm.35642
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9516	8970	AU022834	null	null	null
50972	35732	AU022893	TC201597	UDP-glucose dehydrogenase	Mm.10709
27159	18078	AU022934	null	null	Mm.26343
26686	15001	AU023733	null	null	Mm.26389
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21782	27433	AU018285	TC174285	null	Mm.29112
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12983	19554	AU024719	TC203060	null	Mm.29882
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2542	4993	AU018312	TC165016	granzyme M	Mm.22302
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8899	8850	AU023057	null	null	Mm.1574
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25550	25150	AU024009	TC189197	null	Mm.89683
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17749	19475	AU023963	TC201225	null	Mm.41493
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0	0	AU024155	null	null	null
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0	0	AU018548	null	null	null
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19203	25105	AU023967	null	null	null
8214	3681	AU024029	TC201795	3-beta-hydroxysteroid dehydrog	Mm.16941

21574	31694	AU024098	null	null	Mm.38720
0	0	AU024158	null	null	null
47506	54645	AU018392	TC162498	inhibitor of apoptosis protein	Mm.2026
144952	77270	AU018472	TC190332	null	Mm.7100
471039	671293	AU018549	TC159775	null	Mm.89170
30138	28800	AU018647	TC186827	mitogen-activated protein kin	Mm.1700
163231	164476	AU018409	TC200349	Rho family GTPase RhoA	Mm.757
10369	11202	AU018486	TC159672	null	Mm.34009
21280	22517	AU018581	null	null	null
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46732	50082	AU022773	TC163213	null	Mm.24035
2674	4192	AU022827	null	null	null
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6559	9030	AU023854	TC163942	null	Mm.12019
41921	41924	AU023910	TC202435	null	Mm.5697
25377	34152	AU024676	null	null	null
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64511	83318	AU024780	null	null	Mm.31488
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0	0	AU024012	null	null	null
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24655	24993	AU023970	TC200349	Rho family GTPase RhoA	Mm.757
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5340	5972	AU022882	null	null	null
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197622	149068	AU023016	TC173985	null	Mm.28029
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22878	33891	AU023219	TC187480	null	Mm.27647
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23515	25676	AU018500	TC201689	clathrin adaptor medium chain	Mm.22239

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20537	30999	AU018677	TC162290	null	Mm.89702
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22198	26740	AU022830	null	null	Mm.26336
53039	68247	AU022883	TC183551	null	Mm.103261
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0	0	AU022899	null	null	null
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21643	27296	AU023740	null	null	null
24981	28548	AU023793	TC176822	null	Mm.41058
7760	5356	AU023843	null	null	Mm.26394
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0	0	AU023809	TC164044	null	Mm.22942
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22980	31415	AU023914	TC162057	unnamed protein product	Mm.27700
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0	0	AU024716	null	null	Mm.26450
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74533	104308	AU023004	null	null	Mm.26358
202524	139251	AU023071	TC173985	null	Mm.28029
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0	0	AU024024	TC176533	null	Mm.29645
0	0	AU024093	TC189492	null	Mm.26405
0	0	AU024149	TC160702	null	Mm.22314
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0	0	AU022900	null	null	null
16775	16215	AU022968	TC208429	null	Mm.26346
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48254	39762	AU023902	null	null	null
18941	23163	AU023756	null	null	null
7062	10844	AU023814	null	null	null
0	0	AU023863	null	null	null
0	0	AU023916	null	null	null
23595	24968	AU024680	null	null	Mm.12122
98410	106810	AU024718	null	null	null
14546	33091	AU024774	TC162783	null	Mm.31283
9683	9635	AU018309	null	null	Mm.43535
22910	24048	AU024689	null	null	Mm.103817
14225	75656	AU024729	null	null	null
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16933	17398	AU019621	null	null	null
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3768	7627	AU021219	TC187102	tumor necrosis factor alpha co	Mm.27681
14509	19584	AU021341	TC201611	ADP-ribosylation factor-like p	Mm.12723
0	0	AU015216	null	null	Mm.103761
33573	29686	AU015298	TC188189	null	Mm.19992
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28470	20504	AU021126	TC189104	null	Mm.37825
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35693	44267	AU019888	TC175151	null	Mm.26589
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15432	17535	AU015626	null	null	Mm.22160
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29394	43150	AU015818	TC202541	null	null
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15736	20764	AU019612	TC157252	unknown	Mm.24519
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0	0	AU021025	TC179487	null	Mm.17046
0	0	AU021128	TC207334	null	Mm.26187
0	0	AU021225	TC178837	null	Mm.28069
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4642	8784	AU020190	TC201956	null	Mm.29495
11976	10006	AU019894	TC161253	null	Mm.22543
17351	19311	AU019990	TC179030	null	Mm.24620
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8424	13247	AU021707	null	null	null
6769	12934	AU021448	TC196897	null	null
81399	74583	AU021534	TC187455	endonuclease-1	Mm.2952
15884	17963	AU021641	TC173105	null	Mm.63
10536	16550	AU014584	TC161539	null	Mm.25548
216119	275334	AU015566	null	null	Mm.28714
0	0	AU015629	TC161987	null	Mm.23804
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13169	20868	AU015581	null	null	null
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0	0	AU015740	TC157420	null	Mm.35760
15829	21038	AU015826	TC163712	null	Mm.1314
16997	12727	AU019512	TC205818	null	Mm.26170
22304	24793	AU019613	TC190878	null	Mm.26175
91915	82473	AU019696	TC204068	null	Mm.27631
11391	9614	AU019796	null	null	null
15443	24186	AU019542	null	null	Mm.36204
0	0	AU019630	TC176173	null	Mm.23890
30440	32628	AU019726	null	null	Mm.26180
60912	129349	AU019816	TC164251	null	Mm.26186
0	0	AU021009	TC175111	cleavage and polyadenylation s	Mm.28790
45621	55361	AU021109	TC160030	Sid470p	Mm.27065
4951	5623	AU021210	TC178622	bHLH protein MesP2	Mm.31472
19453	16687	AU021327	TC162556	null	Mm.38198
14241	16676	AU021027	TC207897	null	Mm.86496
0	0	AU021136	TC159221	null	Mm.35506
12750	11236	AU021234	TC190593	null	Mm.26257
16840	17576	AU021358	TC173572	centromere protein A	Mm.6579
44882	45318	AU015227	TC158478	null	Mm.35830
41681	61910	AU015305	TC190106	null	Mm.27652
47066	53403	AU015435	TC201477	null	Mm.87638

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36541	39365	AU021642	TC202334	null	Mm.4142
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23411	20717	AU019532	TC178051	null	Mm.24552
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0	0	AU019698	null	null	Mm.26178
26715	24817	AU019798	TC200972	null	Mm.21096
22242	17867	AU019545	TC163392	null	Mm.29006
24551	47863	AU019631	null	null	Mm.52304
81459	94726	AU019727	TC161897	null	Mm.27598
63448	64254	AU019822	TC188889	null	Mm.26506
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11005	17569	AU021114	TC174509	null	Mm.26765
38644	35766	AU021215	TC204826	null	Mm.26167
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13586	32699	AU021030	TC203629	Acyl-CoA synthetase 4	Mm.26894
0	0	AU021137	TC204483	Sox15	Mm.29387
37796	55731	AU021235	TC160948	null	Mm.28975
0	0	AU021366	TC201167	null	Mm.29960
9083	11102	AU015228	TC179101	null	Mm.24755
4713	11265	AU015309	null	null	Mm.25907
66031	95134	AU015436	TC176753	null	Mm.28424
27419	101564	AU015502	TC190163	null	Mm.89661
0	0	AU015247	null	null	null
86396	93217	AU015349	null	null	Mm.25311
12138	14271	AU015449	null	null	Mm.10998

0	0	AU015511	null	null	null
0	0	AU019877	TC176052	null	Mm.26189
0	0	AU019970	TC179111	null	Mm.26150
0	0	AU020094	TC202993	null	Mm.21250
0	0	AU020195	TC200184	null	Mm.23744
0	0	AU019912	null	null	Mm.26192
26292	34994	AU020006	TC201096	null	Mm.3012
0	0	AU020125	TC189875	null	Mm.28395
77627	34181	AU020215	TC159597	null	Mm.4071
0	0	AU021430	TC192996	mos ORF; putative	Mm.26262
0	0	AU021515	null	null	null
208691	202441	AU021629	TC173928	null	Mm.29869
29159	35145	AU014579	TC162934	null	Mm.27129
146974	78387	AU021456	null	null	Mm.4071
0	0	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
0	0	AU015571	null	null	Mm.27700
200888	198975	AU015637	TC191918	null	Mm.28727
22855	18065	AU015727	null	null	Mm.11030
0	0	AU015814	null	null	Mm.36005
0	0	AU015585	TC203582	null	Mm.43232
0	0	AU015667	null	null	null
0	0	AU015744	TC163889	null	Mm.27946
0	0	AU015832	TC206016	null	Mm.35029
12967	13830	AU016463	null	null	Mm.103772
13517	16775	AU016527	null	null	null
0	0	AU016608	TC174540	null	Mm.29917
5822	6754	AU016692	TC202361	null	Mm.12148
0	0	AU016473	TC187754	reproduction 8	Mm.29301
0	0	AU016561	null	null	null
0	0	AU016622	null	null	Mm.25993
0	0	AU016718	null	null	null
13973	17496	AU017677	null	null	Mm.26059
45242	55828	AU017745	TC161587	null	Mm.12705
51535	113608	AU017822	TC200259	null	Mm.4290
0	0	AU017902	TC157916	null	Mm.28323
0	0	AU017692	TC190205	P-selectin glycoprotein ligand	Mm.22173
16856	18328	AU017844	null	null	null
24078	40505	AU017911	TC162050	null	Mm.27848
18914	37990	AU040633	null	null	null
57870	64932	AU040729	TC201707	null	Mm.18847
37174	39330	AU040786	TC162963	null	Mm.7852
20640	16692	AU040846	TC174382	TBPIP	Mm.628
104316	126567	AU040651	TC161087	null	Mm.10460
8015	7256	AU040745	TC163411	null	Mm.24634
26282	39523	AU040804	TC187456	secreted cement gland protein	Mm.7244
23816	23857	AU040867	TC187464	retinoblastoma binding protein	Mm.24216
6816	7567	AU016764	null	null	null
0	0	AU016830	null	null	Mm.26010
17613	17069	AU016911	TC174019	null	Mm.28265

7515	13469	AU016998	TC189105	null	Mm.23843
0	0	AU016778	TC199038	null	null
0	0	AU016851	null	null	Mm.43987
0	0	AU016932	null	null	null
6884	10082	AU017013	null	null	null
0	0	AU017969	null	null	null
16370	16409	AU018027	null	null	null
19450	21757	AU018093	null	null	null
0	0	AU018158	null	null	null
0	0	AU017984	TC200899	null	Mm.28285
54723	72721	AU018041	TC160507	null	Mm.28052
60231	111664	AU018118	TC186566	DN38	Mm.3797
10636	16431	AU018180	TC189743	null	Mm.24157
6137	5991	AU040926	null	null	null
0	0	AU041007	null	null	null
18785	31680	AU041109	TC187063	null	Mm.29860
0	0	AU041181	null	null	null
0	0	AU040948	null	null	null
0	0	AU041031	null	null	Mm.17583
74920	107137	AU041130	TC174747	calbindin	Mm.354
47193	48709	AU041196	TC186476	null	Mm.21724
0	0	AU016464	TC164806	null	Mm.24783
0	0	AU016530	TC200461	null	Mm.28492
12437	7348	AU016609	null	null	Mm.25992
8254	10795	AU016695	TC173989	null	Mm.24298
0	0	AU016476	null	null	Mm.11127
0	0	AU016562	null	null	Mm.25991
0	0	AU016637	null	null	Mm.26223
0	0	AU016720	TC206572	null	null
10269	17985	AU017678	null	null	Mm.26060
0	0	AU017751	null	null	null
0	0	AU017824	null	null	null
8470	3561	AU017905	null	null	null
6341	6424	AU017694	TC174753	null	Mm.12654
0	0	AU017769	TC189963	null	Mm.46241
6756	12833	AU017845	TC190978	null	Mm.26071
0	0	AU017913	TC163662	null	Mm.11346
45861	34920	AU040639	TC160293	null	Mm.34832
143044	152907	AU040735	TC160050	null	Mm.21156
28227	30606	AU040787	TC163165	null	Mm.18526
79486	95172	AU040848	TC204551	null	Mm.70065
62576	55997	AU040653	TC168109	null	Mm.45893
96766	112973	AU040750	null	null	Mm.69064
34648	37793	AU040809	TC176195	null	Mm.30506
64514	67761	AU040871	TC162032	null	Mm.29589
0	0	AU016765	TC170337	null	Mm.11170
47236	34497	AU016832	TC187409	null	Mm.11182
21530	29747	AU016919	null	null	Mm.104594
117193	157069	AU016999	TC173296	null	Mm.11204
0	0	AU016784	null	null	Mm.9086
184435	130457	AU016852	TC200271	antizyme inhibitor	Mm.6775

21374	24838	AU016934	TC212658	null	Mm.83618
0	0	AU017015	null	null	null
0	0	AU017971	null	null	Mm.26081
9811	17179	AU018028	TC177754	cytosine-5-methyltransferase 3	Mm.13433
25046	33798	AU018094	TC190293	null	Mm.27042
37282	80963	AU018168	TC173613	null	Mm.27660
15913	12264	AU017986	TC190296	null	Mm.27574
8536	16502	AU018045	null	null	null
16831	22283	AU018122	TC202848	null	Mm.26089
4488	8036	AU018181	TC189895	null	Mm.25843
27534	30321	AU040927	null	null	Mm.17577
0	0	AU041012	null	null	null
93784	92618	AU041113	TC175908	null	Mm.13758
86725	29565	AU041183	null	null	null
11179	10989	AU040949	TC188337	null	Mm.28712
0	0	AU041033	null	null	null
0	0	null	null	null	null
0	0	AU016466	null	null	Mm.11125
15713	24899	AU016534	TC187320	null	Mm.29731
0	0	AU016610	TC202601	null	Mm.24738
0	0	AU016701	TC176691	null	Mm.35676
59126	72205	AU016480	null	null	Mm.265
31110	37943	AU016565	TC180825	null	null
10551	17558	AU016642	TC205134	null	Mm.22466
0	0	AU016721	null	null	Mm.12341
20743	28913	AU017753	TC203436	null	Mm.25725
38550	35457	AU017827	TC186951	null	Mm.21455
0	0	AU017906	null	null	null
0	0	AU017698	null	null	Mm.26061
0	0	AU017772	null	null	null
17882	30293	AU017847	TC205044	null	Mm.25866
7539	6737	AU017914	TC187403	null	Mm.100289
292327	268639	AU040642	TC173223	cytochrome c oxidase subunit I	Mm.2136
27339	36655	AU040736	null	null	Mm.37832
9842	16752	AU040788	TC201263	carbonyl reductase	Mm.21454
25832	23651	AU040850	TC191430	null	Mm.26809
18371	24465	AU040655	null	null	null
7298	9602	AU040751	TC190990	null	Mm.44076
49469	80594	AU040873	null	null	null
0	0	AU016768	TC163663	null	Mm.11171
21032	23435	AU016837	TC187246	null	Mm.35465
8005	7573	AU016921	TC189633	null	Mm.27457
0	0	AU017004	TC159678	cyclin ania-6a	Mm.10706
0	0	AU016790	TC158423	null	Mm.27194
0	0	AU016854	TC197066	null	Mm.40532
0	0	AU016938	null	null	Mm.26020
16581	17085	AU017017	TC174840	UCR-motif DNA binding protein	Mm.3868
4817	10618	AU017975	TC187623	intersectin-EH binding protein	Mm.10754
11888	17301	AU018029	TC163595	cbp146	Mm.23864
23927	19499	AU018104	TC205250	null	Mm.26088
0	0	AU018173	TC176248	null	Mm.23788

53447	55198	AU017987	TC160533	null	Mm.30166
0	0	AU018046	null	null	Mm.26085
0	0	AU018124	TC197196	null	Mm.26090
7439	19033	AU018183	TC158492	null	Mm.27536
5793	7908	AU040933	null	null	null
0	0	null	null	null	null
10097	8293	AU041120	TC178393	unnamed protein product	null
22285	18754	AU041188	TC175374	null	Mm.18550
7680	9150	AU040950	TC174077	null	Mm.17580
17596	26857	AU041035	null	null	null
12559	15129	AU041136	null	null	null
13955	15671	null	null	null	null
0	0	AU016467	null	null	Mm.11126
3973	7232	AU016538	null	null	null
9035	19083	AU016616	TC177818	null	Mm.21900
0	0	AU016705	TC179081	null	Mm.74653
54729	64119	AU016482	TC173510	translation initiation factor	Mm.3941
0	0	AU016566	TC180998	null	Mm.96601
0	0	AU016647	TC206136	null	Mm.25997
0	0	AU016722	null	null	null
109709	125354	AU017686	TC186408	unnamed protein product	Mm.97794
10680	21809	AU017756	null	null	Mm.88427
7414	5617	AU017834	null	null	Mm.11321
13309	12480	AU017908	TC177825	null	Mm.23114
16831	31376	AU017699	TC158395	null	Mm.28726
17380	22855	AU017777	null	null	null
0	0	AU017849	TC203684	null	Mm.26072
14988	18404	AU017917	null	null	Mm.26073
25186	36538	AU040643	TC174158	null	Mm.20246
615981	685798	AU040737	TC200237	X box binding protein-1; XBP-1	Mm.22718
2109	7715	null	null	null	null
28344	37168	AU040856	null	null	Mm.17572
5931	12012	AU040657	null	null	null
8995	9487	AU040753	null	null	Mm.17563
28268	32859	AU040813	TC160959	null	Mm.28899
7334	8965	AU040876	null	null	null
0	0	AU016770	TC189994	null	Mm.29654
9425	32144	AU016839	TC203804	null	Mm.26012
0	0	AU016926	TC210852	null	Mm.13504
16683	21441	AU017006	TC160598	bromodomain-containing FSH-lik	Mm.28721
16618	23036	AU016791	null	null	null
13050	20204	AU016859	null	null	Mm.42524
6933	8591	AU016940	null	null	null
0	0	AU017018	null	null	null
104878	88120	AU017980	TC174645	p58	Mm.12616
14205	17905	AU018035	null	null	null
44077	86152	AU018106	null	null	null
222640	124462	AU018175	TC173952	null	Mm.12983
7610	11538	AU017990	TC171333	null	Mm.26083
10346	4698	AU018047	null	null	Mm.26086
166055	332232	AU018130	TC200595	null	Mm.30119

29028	31946	AU018185	TC201220	null	Mm.29588
16148	18825	AU040942	TC206915	null	Mm.31582
24304	20254	AU041018	null	null	null
27209	32943	AU041124	null	null	null
9768	17834	AU041190	TC200959	red-1	Mm.27915
16013	16845	AU040952	TC170284	null	null
18253	20801	AU041042	TC188912	null	Mm.38495
1669819	1068065	AU041137	TC174199	null	Mm.27747
141047	287843	AU041202	TC160420	contains transmembrane (TM) re	Mm.29870
7891	15028	AU016470	TC176849	null	Mm.26897
0	0	AU016539	null	null	null
42181	53971	AU016617	TC187170	null	Mm.28336
19664	24302	AU016711	TC188567	null	Mm.24125
9852	16578	AU016483	TC161445	ATP-binding cassette protein	Mm.21629
0	0	AU016568	null	null	null
11896	22465	AU016649	null	null	null
0	0	AU016724	null	null	Mm.56803
19827	25919	AU017688	TC177354	null	Mm.29384
11523	23212	AU017758	null	null	null
0	0	AU017835	TC187977	null	Mm.24575
19942	18020	AU017909	TC177865	null	Mm.12522
0	0	AU017705	TC186458	null	Mm.30175
25927	33197	AU017779	TC201836	null	Mm.25118
0	0	AU017850	null	null	null
0	0	AU017918	null	null	Mm.86367
26409	36448	AU040647	TC176697	null	Mm.23352
99611	134200	AU040801	TC187383	rer	Mm.30234
8115	6399	AU040858	null	null	null
10539	13480	AU040660	null	null	Mm.17557
177948	199806	AU040756	TC176289	null	Mm.28497
18031	18752	AU040816	TC203296	null	Mm.41439
27550	32345	AU040881	TC190672	null	Mm.17573
0	0	AU016773	TC208614	null	Mm.26003
39775	57809	AU016841	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
0	0	AU016929	null	null	Mm.100153
12095	14529	AU017011	null	null	null
0	0	AU016799	null	null	null
37699	29215	AU016860	TC203112	null	Mm.26935
10922	10314	AU016942	null	null	null
14379	27187	AU017028	TC161108	null	Mm.29748
32670	41739	AU017982	null	null	Mm.26082
0	0	AU018037	TC197197	null	Mm.26084
9421	14276	AU018113	null	null	null
0	0	AU018177	null	null	null
4446	10011	AU017992	TC175213	null	Mm.3110
16359	19858	AU018049	TC194949	null	Mm.16974
28904	28673	AU018131	TC162632	null	Mm.34360
116800	99435	AU018187	TC174065	unknown	Mm.23943
0	0	AU040943	TC187791	null	Mm.17579
0	0	AU041025	null	null	null
11428	13733	AU041125	null	null	Mm.17617

65581	93802	AU041192	TC159878	Id2 protein	Mm.1466
0	0	AU040953	TC208960	null	null
27933	19755	AU041048	TC161588	null	Mm.2830
69372	102145	AU041141	TC186634	null	Mm.40849
0	0	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
23330	20508	AU016716	null	null	null
0	0	AU016487	TC200398	UBE-1c2	Mm.42795
39755	37080	AU016573	TC202183	SAP102	Mm.4615
0	0	AU016650	TC175207	null	Mm.69051
35190	33727	AU016725	TC160924	zinc transporter like 1	Mm.28851
16168	15303	AU017691	null	null	Mm.31441
29604	30105	AU017760	null	null	null
61169	67175	AU017839	TC203645	null	Mm.22102
9906	10697	AU017910	null	null	Mm.13803
293292	280038	AU017706	null	null	null
177177	257682	AU017781	TC160263	null	Mm.21126
14433	14929	AU017855	null	null	null
13781	20576	AU017922	null	null	null
16902	20501	AU040648	null	null	Mm.3010
679379	502262	AU040743	TC173290	TSC-22	Mm.20927
441049	1016463	AU040803	TC189107	calcium binding protein D-9k;	Mm.6891
6837	15792	AU040861	null	null	null
13671	19324	AU040661	null	null	null
131882	163579	AU040757	TC186742	intracellular chloride channel	Mm.22409
10959	13341	AU040818	TC199646	null	Mm.38687
7636	9801	AU040885	null	null	null
27368	35656	AU016777	TC161666	NADPH-cytochrome P450 oxidored	Mm.3863
6054	7759	AU016846	TC176332	granuphilin-b	Mm.38674
14456	18205	AU016931	TC203345	null	Mm.26019
120825	230529	AU017012	TC172588	null	null
0	0	AU016805	TC162045	NG29	Mm.11175
0	0	AU016864	TC189872	null	Mm.44088
13980	26999	AU016947	null	null	Mm.4480
0	0	AU017030	TC200874	laminin B2 (AA 1-217)	Mm.1249
36549	38444	AU017983	TC191413	null	Mm.33148
0	0	AU018039	null	null	Mm.11342
27675	34721	AU018114	null	null	Mm.35906
9343	8299	AU018179	null	null	Mm.43884
5835	4344	AU017994	null	null	null
37073	41827	AU018050	TC178046	null	Mm.25018
25434	29120	AU018133	TC190080	null	Mm.26092
13542	14730	AU018188	null	null	null
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39758	71226	AU041129	TC191661	null	Mm.36461
22002	20593	AU041194	TC210785	null	Mm.44924
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83435	101543	AU041152	TC161415	null	Mm.27711
37703	44445	AU041213	TC174836	null	Mm.93213
89366	76409	AU043785	TC187412	null	Mm.28142
21410	28355	AU043910	TC210433	null	Mm.17838
15083	17241	AU044007	TC157767	null	Mm.24729
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0	0	AU044114	TC164464	null	Mm.28129
22377	24093	AU045525	TC163918	null	Mm.17858
3266	6071	AU045672	TC166929	null	Mm.17865
25379	42929	AU045797	TC174844	null	Mm.4907
13108	7629	AU045930	TC177058	null	Mm.29197
260462	220585	AU045568	TC161475	null	Mm.28211
0	0	AU045697	null	null	null
16059	13103	AU045843	TC205924	null	Mm.18073
81783	81648	AU045944	TC201475	null	Mm.17811
17749	24215	AU042156	TC175739	null	Mm.17156
4735	5944	AU042241	null	null	Mm.17648
0	0	AU042331	null	null	Mm.17653
15296	19719	AU042408	TC160598	bromodomain-containing FSH-lik	Mm.28721
3645	4274	AU042185	TC177980	null	Mm.32900
16757	23714	AU042259	null	null	Mm.17650
21593	20658	AU042347	TC163868	null	Mm.28942
3627	7854	AU042435	null	null	null
36280	47642	AU044228	null	null	Mm.17784
123410	191547	AU044337	null	null	Mm.20847
132721	165663	AU044431	TC160851	potassium channel modulatory f	Mm.37968
26892	22768	AU044571	null	null	null
46871	55020	AU044268	TC161327	phosphatidylserine synthase-1	Mm.9440
7492	15798	AU044362	null	null	null
31440	33486	AU044455	TC165162	ooplasm specific protein	Mm.11741
114735	136371	AU044591	TC163735	protein tyrosine phosphatase	Mm.14844
21195	29204	AU046024	TC162232	null	Mm.19003
7919	11047	AU046183	null	null	null
107324	129716	AU041373	TC160556	null	Mm.18810
7188	10822	AU041460	TC211222	null	null
21136	15400	AU046071	TC204168	null	Mm.26648
29300	26456	AU046213	TC188130	null	Mm.29138
16530	13973	AU041403	TC176607	null	Mm.36417
19768	23637	AU041482	TC160766	null	Mm.27737
27758	29955	AU042495	null	null	Mm.17669
50130	45240	AU042565	TC162921	EHM2	Mm.28217
4383	4347	AU042662	null	null	null
5565	2096	AU042755	TC187371	null	Mm.27152
0	0	AU042516	TC210803	Brachyury the second	Mm.12880
0	0	AU042595	TC161076	null	Mm.27964
0	0	AU042680	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
0	0	AU042794	null	null	null
5520	9081	AU043787	TC202102	null	Mm.29342
0	0	AU043911	TC186812	null	Mm.6476

0	0	AU044012	null	null	Mm.26868
10670	6571	AU044086	null	null	Mm.17776
0	0	AU043829	TC201572	L23 mitochondrial-related prot	Mm.12144
5228	9198	AU043928	null	null	Mm.17768
16014	17537	AU044028	TC177938	null	Mm.17773
253135	250027	AU045526	TC160639	null	Mm.41297
0	0	AU045678	TC163124	null	Mm.19090
66350	81023	AU045824	TC189466	null	Mm.17873
12541	12323	AU045931	TC175735	null	Mm.18496
26943	19642	AU045570	TC208417	null	Mm.17861
62817	72573	AU045698	null	null	Mm.28489
35744	53528	AU045845	TC158244	14-3-3 theta protein	Mm.14722
0	0	AU045953	null	null	null
31097	32528	AU042162	TC176585	high affinity IgE receptor gam	Mm.22673
34264	54691	AU042249	null	null	Mm.4871
20874	13202	AU042336	null	null	null
26090	29798	AU042410	null	null	Mm.17662
110836	120203	AU042200	TC190729	null	Mm.18534
16993	197999	AU042260	TC162895	complement factor I	Mm.4322
27075	28505	AU042348	TC195595	null	null
3143855	3138370	null	null	null	null
52944	72266	AU044237	null	null	Mm.17785
46815	52048	AU044339	null	null	Mm.17790
511122	596245	AU044440	TC157623	protein phosphatase 2A B'alpha	Mm.18100
247383	437421	AU044574	TC200021	null	Mm.43749
21693	27884	AU044271	TC190446	null	Mm.18549
35393	36985	AU044364	TC190491	ZP3 precursor	Mm.1381
13665	12479	AU044458	null	null	Mm.26872
0	0	AU044592	TC186947	null	Mm.22653
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14863	22301	AU046184	TC163691	null	Mm.27980
0	0	AU041374	null	null	null
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0	0	AU046079	null	null	null
10423	12852	AU046228	TC174378	null	Mm.35618
16775	26424	AU041405	null	null	Mm.104642
0	0	AU041483	TC176242	null	Mm.17807
0	0	AU042498	TC160200	GDNF receptor beta	Mm.18758
0	0	AU042578	null	null	null
0	0	AU042665	TC203240	null	Mm.492
44040	48101	AU042767	TC200267	V-1 protein	Mm.4143
0	0	AU042518	null	null	Mm.18603
39410	67594	AU042596	TC202452	null	Mm.18254
112870	122154	AU042681	TC160410	serum and glucocorticoid-regul	Mm.28405
122683	134283	AU042799	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
0	0	AU043798	TC173937	null	Mm.28010
0	0	AU043915	TC201005	null	Mm.18485
0	0	AU044013	TC161224	guanylate binding protein	Mm.5057
3060	3866	AU044087	TC165534	null	Mm.17834
0	0	AU043832	TC160865	null	Mm.2275
28821	37584	AU043931	null	null	null

0	0	AU044029	null	null	null
0	0	AU044134	null	null	null
39867	40129	AU045536	TC161883	nuclear transcriptional repres	Mm.6822
0	0	AU045680	TC202782	null	Mm.5915
5070	7700	AU045826	null	null	Mm.104621
15260	14800	AU045932	null	null	Mm.17879
10568	9580	AU045582	null	null	null
71457	92771	AU045704	TC187743	null	Mm.27223
38835	45674	AU045850	TC160511	null	Mm.27649
23280	11909	AU045956	TC174606	BMAL1b	Mm.12177
13560	16261	AU042163	null	null	null
26653	27710	null	null	null	null
19128	15962	AU042338	TC161241	H2-M alpha chain	Mm.16373
21013	23393	AU042414	null	null	null
0	0	AU042201	null	null	null
37356	37027	AU042273	TC200916	null	Mm.28794
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69981	84285	AU042440	TC161548	null	Mm.28040
38684	41706	AU044244	TC178523	null	Mm.25938
30104	89987	AU044341	TC163466	null	Mm.7836
24103	29601	AU044443	TC188961	null	Mm.21344
7658	6543	AU044576	null	null	null
150893	129656	AU044272	null	null	Mm.88572
17064	26967	AU044365	null	null	null
48904	84999	AU044470	TC183553	null	Mm.18359
52218	51104	AU044597	TC176433	Wrn protein	Mm.10041
24538	32467	AU046034	TC189822	null	Mm.18998
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21797	116810	AU041376	TC158807	insulin-like growth factor bin	Mm.22248
5306	5482	AU041465	null	null	Mm.22351
3382	6025	AU046084	null	null	Mm.17824
0	0	AU046250	null	null	Mm.17895
0	0	AU041407	TC203437	null	Mm.23122
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8635	6869	AU042506	TC183570	null	Mm.17685
11082	12274	AU042579	TC181404	null	Mm.26840
7571	13649	AU042666	TC163091	null	Mm.25659
81919	82478	AU042772	TC187479	null	Mm.18539
0	0	AU042519	TC190529	null	Mm.47539
87626	97425	AU042599	TC175793	null	Mm.21072
10067	14239	AU042685	TC190653	null	Mm.17993
0	0	AU042801	null	null	Mm.17692
14215	27467	AU043814	null	null	Mm.17758
0	0	AU043916	TC164064	null	Mm.17766
15780	19525	AU044014	TC163543	null	Mm.28431
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5799	11263	AU043833	null	null	Mm.26866
34483	46557	AU043933	null	null	Mm.5289
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20386	29759	AU044156	TC181556	null	null
53825	47478	AU045541	null	null	null

21102	22620	AU045688	TC191762	natural killer cell BY55 precu	Mm.11526
46337	63593	AU045830	null	null	Mm.26896
39871	72342	AU045934	TC202883	NIK	Mm.987
29923	27383	AU045585	TC160338	null	Mm.26925
23210	27807	AU045715	TC161043	LIM kinase 2	Mm.42927
26608	34844	AU045852	TC202219	null	Mm.19135
18539	21638	AU045965	TC174063	null	Mm.29379
249704	391945	AU042168	null	null	Mm.1574
0	0	AU042250	null	null	null
6580	9281	AU042340	TC206126	null	Mm.88314
78715	62567	AU042417	TC202186	null	Mm.28131
4912	6615	AU042204	null	null	null
9548	15087	AU042278	null	null	null
0	0	AU042350	TC177372	surfactant protein D	Mm.1321
404361	491217	AU042441	TC160014	hepatocyte growth factor activ	Mm.26835
32829	57896	AU044245	TC200592	null	Mm.3856
59846	74215	AU044347	TC202207	intestinal-enriched Kruppel-li	Mm.30262
29389	42141	AU044447	null	null	null
698094	947575	AU044579	TC186557	null	Mm.29057
27596	34886	AU044274	null	null	null
80551	85992	AU044371	TC181778	null	Mm.31603
139163	148771	AU044479	TC190194	HS1 binding protein 3	Mm.41098
207477	175544	AU044598	TC162118	golgin-245	Mm.10409
0	0	AU046047	null	null	Mm.17883
11373	16718	AU046196	TC201544	null	Mm.37397
11315	11133	AU041379	TC157800	TIM22 preprotein translocase	Mm.18803
68690	58918	AU041468	TC204160	null	Mm.9772
15857	16831	AU046087	null	null	Mm.17886
12495	12084	AU046252	null	null	Mm.35835
22470	29678	AU041408	null	null	null
66575	66114	AU041488	TC174165	null	Mm.10285
88045	126118	AU042507	null	null	Mm.24232
13048	19200	AU042581	null	null	Mm.26839
48195	53260	AU042671	TC174462	null	Mm.28290
63261	64283	AU042774	TC175360	syntaxin 13-interacting protei	Mm.26603
15841	18795	AU042522	TC206603	null	Mm.25970
19641	29316	AU042601	null	null	Mm.17674
18929	21422	AU042686	null	null	null
38685	45959	AU042804	null	null	null
38144	50767	AU043820	TC187742	null	Mm.26700
0	0	AU043920	TC178937	null	null
64373	75830	AU044017	TC174371	type IIb Na/phosphate-cotransp	Mm.3786
78662	84632	AU044106	TC200350	mDj3	Mm.29186
31674	48051	AU043837	TC157675	spindlin	Mm.42193
8672	9838	AU043934	TC190539	null	Mm.24760
9097	11799	AU044035	TC200692	null	Mm.22021
26378	43150	AU044162	TC158296	null	Mm.16820
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20020	26844	AU045828	TC175149	null	Mm.18659
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0	0	AU045966	null	null	null
144739	227888	AU042170	TC159754	heat stable antigen	Mm.6417
8497	10384	AU042254	null	null	null
0	0	AU042345	TC176226	null	Mm.40008
12252	20258	AU042426	null	null	null
0	0	AU042205	null	null	null
10168	14497	AU042281	TC158585	TAFI48 protein	Mm.39081
29589	26387	AU042353	TC174985	null	Mm.26833
46429	43707	AU042442	TC173936	heme oxygenase-2b	Mm.710
58787	76450	AU044255	TC162309	ENP	Mm.27485
34077	63675	AU044357	TC179016	null	null
240743	273881	AU044451	null	null	Mm.22660
51522	63995	AU044581	TC181190	null	Mm.17803
218117	266682	AU044281	TC160907	null	Mm.22252
18285	21788	AU044374	null	null	null
374363	421741	AU044483	null	null	Mm.17797
97048	141356	AU044600	null	null	null
21431	20635	AU046055	null	null	Mm.88606
32796	40054	AU046197	TC162546	null	Mm.28050
16148	27428	AU041386	TC166767	null	null
12834	18253	AU041474	TC207100	null	Mm.17644
208499	166104	AU046091	TC162279	null	Mm.27673
33815	45240	AU046259	TC186855	homolog of human SYT	Mm.4296
6479	8994	AU041413	TC203165	null	Mm.40601
15005	34257	null	null	null	null
0	0	AU042508	null	null	Mm.36597
95669	92095	AU042584	TC160647	null	Mm.10160
0	0	AU042676	null	null	null
19523	19091	AU042776	null	null	Mm.26843
0	0	AU042524	null	null	null
20013	32077	AU042607	TC191546	null	Mm.17675
0	0	AU042689	null	null	null
9475	20447	AU042805	TC163820	null	Mm.19009
0	0	AU043824	null	null	Mm.31600
16945	19336	AU043921	null	null	null
81937	101508	AU044022	TC200768	hypothetical protein	Mm.43017
34416	36201	AU044112	TC188352	null	Mm.23819
25082	17908	AU043840	TC159010	probable nocturnin protein	Mm.42187
14971	15994	AU043936	null	null	null
35368	37952	AU044036	TC202670	null	Mm.28807
0	0	AU044169	null	null	Mm.103854
35769	42299	AU045554	null	null	null
15535	15968	AU045692	null	null	Mm.42538
56073	76749	AU045838	TC202926	null	Mm.17875
14299	16228	AU045939	TC178162	null	Mm.20593
85731	91505	AU045593	TC187618	F-box protein FBA	Mm.18616
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25522	24812	AU045967	null	null	null
25206	25199	AU042183	null	null	null
25336	31094	AU042257	null	null	null
31995	25050	AU042346	TC188187	null	Mm.18819
85674	122771	null	null	null	null
0	0	AU042206	TC201585	neurochondrin-2	Mm.43445
8129	13399	AU042283	null	null	null
28402	37981	AU042357	TC193155	null	Mm.26844
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113756	86412	AU044361	TC175142	null	Mm.28056
43648	37361	AU044452	TC159856	nitrilase 1	Mm.12915
189487	191958	AU044586	TC202366	poliovirus receptor homolog	Mm.4341
34911	41500	AU044285	TC188441	null	Mm.17796
476937	388320	AU044379	TC173114	ARL-6 interacting protein-1	Mm.29924
232744	269557	AU044498	TC157686	BAP37	Mm.36241
21162	28706	AU044605	null	null	Mm.17805
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0	0	AU046200	TC202731	null	Mm.28859
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9313	11052	AU046266	null	null	Mm.17896
28095	26646	AU041415	TC174997	homologue oh human CBFA2T1 gen	Mm.4909
87066	81795	AU041504	TC188659	null	Mm.28651
284025	198282	AU042511	TC187533	purine nucleoside phosphorylas	Mm.17932
0	0	AU042586	TC167327	null	Mm.17673
21610	22960	AU042679	TC177560	null	Mm.19051
56196	89636	AU042788	null	null	Mm.24635
19336	24049	AU042525	TC203121	null	Mm.36911
0	0	AU042617	TC163525	Prostate specific transcriptio	Mm.26768
11216	14668	AU042690	null	null	null
7322	13539	AU042806	null	null	null
33858	34655	AW546245	null	null	null
43608	206378	AW546331	TC177606	L-glutamate decarboxylase	Mm.3536
12424	25661	AW546409	TC173198	null	Mm.21803
73435	92769	AW546486	TC161624	null	Mm.27500
9930	11647	AW546268	null	null	null
90067	73391	AW546352	TC159038	null	Mm.25665
69492	135343	AW546427	TC161635	null	Mm.100626
65484	102104	AW546508	TC203909	null	Mm.22370
4478	6780	AW547599	TC176530	null	Mm.86663
31997	35980	AW547688	TC197704	null	Mm.102840
71860	74139	null	null	null	null
20489	24112	null	null	null	null
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40427	53809	AW547866	TC158407	modifier 1	Mm.29055
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21382	65802	AW549131	null	null	null
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12055	17271	AW546598	TC157922	null	Mm.34602
36945	41942	AW546694	TC160615	bmi-1	Mm.7719
29298	21317	AW546789	TC174607	null	Mm.31526
23761	34912	AW548055	null	null	null
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0	0	null	null	null	null
28637	150098	AW548342	null	null	Mm.2329
10425	13207	AW548069	TC173495	selenoprotein W	Mm.42829
187883	191094	AW548173	null	null	null
221028	201324	AW548258	TC201819	prolyl 4-hydroxylase alpha(I)-	Mm.2212
81255	132567	AW548354	TC200020	elongation factor 1-beta homol	Mm.2718
23377	30695	AW549549	TC157419	null	null
54750	69764	AW549671	TC175218	null	Mm.34678
26336	28622	AW549739	TC160246	null	Mm.21145
476008	349818	AW549855	null	null	Mm.1779
9633	9413	AW549586	null	null	null
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5971	13137	AW549773	null	null	Mm.102899
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24145	27371	AW546247	TC202815	null	Mm.23095
41558	47227	AW546339	TC160839	null	Mm.51130
24525	28871	AW546412	null	null	null
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0	0	AW546271	null	null	null
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111022	121028	AW547971	TC205502	null	Mm.27981
31453	20439	AW547618	null	null	Mm.38333
329505	344152	AW547791	null	null	Mm.86712
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9155	9028	AW549132	TC190930	null	Mm.35321
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132471	200490	AW549360	TC173371	HRS	Mm.43331
10373	13918	AW549445	TC173463	null	Mm.21819
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111560	156156	AW549267	TC190005	null	Mm.34492
64627	69753	AW549381	TC173207	guanine nucleotide dissociatio	Mm.5236

750893	831785	AW549478	null	null	null
10917	13679	AW546571	TC161504	null	Mm.40013
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27869	35005	AW546749	TC188768	36 kD protein	Mm.18347
63810	73662	AW546840	TC175054	null	Mm.78312
72260	95633	AW546603	null	null	null
13894	13415	AW546695	TC160113	MGP precursor	Mm.2017
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3264	7483	AW548061	TC187664	null	Mm.25126
17652	30909	AW548149	null	null	Mm.102855
20618	24958	AW548242	null	null	Mm.1653
6566	5566	AW548343	TC188874	tyrosine phosphatase	Mm.3414
14635	18409	AW548072	TC174698	null	Mm.11075
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1081	71677	AW548357	TC159085	viral envelope like protein	Mm.22506
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55967	73804	AW549672	TC191238	mszf39	Mm.14812
41854	52743	AW549747	TC201477	null	Mm.87638
7038	6733	AW549857	null	null	Mm.102902
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137500	281832	AW549687	null	null	Mm.16820
13610	18114	null	null	null	null
44130	106625	AW549867	null	null	null
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73176	75297	AW546356	null	null	null
15411	21194	AW546433	TC177128	null	Mm.36513
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23142	22612	AW547604	TC201596	null	Mm.17523
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309231	495601	AW547861	TC200170	cellular nucleic acid binding	Mm.7335
457311	454074	AW547976	TC179893	null	Mm.37872
262519	489086	null	null	null	null
426728	913291	AW547797	TC187124	null	Mm.22369
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27896	58734	AW547996	TC174601	null	Mm.23783
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0	0	AW549242	null	null	null
144113	165940	AW549363	TC157353	null	Mm.35296
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17764	17722	AW546675	null	null	null
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97885	93109	AW546696	TC190408	null	Mm.31826
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39501	45338	AW548154	TC188046	null	Mm.18249
19032	30286	AW548250	TC187437	null	Mm.43939
106554	194133	AW548345	TC192626	null	Mm.89391
5333	9933	AW548074	TC187363	null	Mm.3094
42491	69406	AW548188	TC187231	null	Mm.30163
91810	88454	AW548270	TC200106	alpha tropomyosin	Mm.646
11274	18297	AW548360	TC193223	null	Mm.102860
9642	7726	AW549561	TC206391	null	null
62773	95442	AW549677	TC163294	null	Mm.35087
498422	491636	AW549756	TC173796	sid23p	Mm.28919
47577	53814	AW549859	TC175530	null	Mm.27965
27379	38123	AW549588	TC174286	null	Mm.24161
28842	41712	AW549689	TC159116	null	Mm.35006
0	0	AW549775	null	null	Mm.102900
70048	175736	AW549872	TC190938	the murine homolog of receptor	Mm.9010
69486	126647	AW546253	null	null	Mm.1139
15874	20027	AW546342	TC176066	null	Mm.78002
0	0	AW546414	TC167208	null	Mm.102811
56813	85605	AW546490	null	null	Mm.102812
209776	466696	AW546273	TC186373	Mus musculus ribosomal protein	Mm.30806
67098	83736	null	null	null	null
268796	334636	AW546437	TC173197	rabkinesin-6	Mm.4566
28333	30465	AW546512	TC187225	integrin binding protein kinas	Mm.8131
85364	104812	AW547606	TC204532	null	Mm.1468
52981	69663	AW547708	TC201479	null	Mm.6803
428679	669462	AW547861	TC200170	cellular nucleic acid binding	Mm.7335
179249	464912	AW547981	null	null	Mm.102849
48847	67058	AW547620	TC203056	DNA polymerase zeta catalytic	Mm.2167
21491	31115	AW547805	TC188062	null	Mm.38782
19078	26448	AW547880	null	null	null
23955	31698	AW548004	null	null	Mm.102851
401217	489449	AW549139	TC186622	protein phosphatase 1	Mm.4572
214650	345341	AW549255	TC159887	null	Mm.21848
41033	29121	AW549367	TC188074	retinal short-chain dehydrogen	Mm.14063
0	0	null	null	null	null
122089	146265	AW549166	null	null	null
13010	19924	AW549271	TC176170	null	Mm.25427
23381	30844	AW549389	TC173981	null	Mm.18924
106754	118038	AW549481	TC186759	null	Mm.5856
18115	28166	AW546585	TC199942	null	Mm.3428
7252	13338	AW546678	null	null	null
0	0	AW546754	TC187393	C184S protein	Mm.27657
10835	17240	AW546606	TC188601	null	Mm.103488
95636	90188	AW546697	TC159978	plasma phospholipid transfer p	Mm.7046
23423	30345	AW546796	TC163105	null	Mm.22835
8902	8947	AW548068	TC159533	y2-globin	Mm.35830
81514	129164	null	null	null	null
102533	186323	AW548346	TC157657	ribosomal protein S17	Mm.42767

89345	153193	null	null	null
88817	73857	AW548191	TC200769	Xap89 protein Mm.35792
16096	11758	AW548274	null	null
168858	154914	AW548371	null	null
12271	20653	AW549572	TC191585	null Mm.74663
36512	70902	null	null	null
0	0	AW549759	TC188959	TFIID subunit p80 Mm.1994
31567	32178	AW549589	TC188183	null Mm.2125
171961	277177	AW549691	TC186378	ribosomal protein S7 Mm.5281
51151	69070	AW549777	TC161593	null Mm.24259
110383	232021	AW549877	TC161715	null Mm.21299
63111	78205	AW546256	null	null
35056	37904	AW546347	TC161488	geminin Mm.12239
112106	145683	AW546425	null	null
54816	78697	AW546491	TC161843	null Mm.45975
92748	127657	AW546278	null	null Mm.102806
51448	49557	AW546367	TC158352	CRIPT protein Mm.21149
64602	72169	AW546446	TC200874	laminin B2 (AA 1-217) Mm.1249
38253	65063	null	null	null
122903	128524	AW547608	TC173322	cytoplasmic dynein heavy chain Mm.22470
37937	56502	AW547724	TC167297	null Mm.102842
191661	278348	AW547864	null	null
63152	115957	AW547983	null	null Mm.102850
25009	29954	AW547621	null	null
16384	20603	AW547808	null	null
30553	32842	AW547882	null	null
8486	12266	AW548009	TC187364	null Mm.41906
35206	52827	AW549140	TC173924	null Mm.2930
80242	84169	AW549256	TC158321	translation initiation factor Mm.22731
0	0	null	null	null
7694	14590	null	null	null
0	0	AW549174	TC177309	null Mm.35979
401787	764208	AW549276	null	null
122250	151859	AW549390	TC161897	null Mm.27598
221893	166689	AW549484	TC173091	mtprd Mm.3679
139175	117430	AW546594	TC173206	phospholipid hydroperoxide glu Mm.2400
3984	7168	AW546684	TC192251	null Mm.102816
76513	87364	AW546765	TC202155	null Mm.29592
26578	35651	AW546615	TC173827	null Mm.22399
56421	62200	AW546700	TC160809	null Mm.21881
107293	149062	AW546797	TC157752	null Mm.2602
16576	26608	AW548068	TC159533	y2-globin Mm.35830
260570	469637	AW548162	TC174800	null Mm.29056
29465	36018	AW548255	null	null
116422	203980	AW548346	TC157657	ribosomal protein S17 Mm.42767
45638	51928	AW548084	TC202526	null Mm.41409
29852	185886	AW548197	TC190809	null Mm.89607
47073	375061	AW548291	null	null Mm.2329
38414	38025	AW548377	TC203764	null Mm.63470
0	0	AW549577	TC192135	null Mm.88694
56957	58851	AW549684	TC160999	null Mm.28771

0	0	AW549761	TC200608	glucose transporter 2	Mm.10661
9322	10933	AW549862	null	null	Mm.102903
8385	7439	AW549599	null	null	null
11324	11601	AW549693	TC162792	null	Mm.32053
76312	91673	AW549782	TC199946	proteasome subunit C3	Mm.3428
19143	19222	AW549878	TC174528	typr II DNA topoisomerase beta	Mm.4093
62773	95190	AW546267	TC159957	connexin 43	Mm.4504
57858	78039	AW546348	TC187788	null	Mm.26492
60202	76055	AW546426	TC161087	null	Mm.24219
38558	41657	null	null	null	null
57267	134556	AW546280	TC160353	null	Mm.35844
202601	221124	AW546368	null	null	null
10297	13077	AW546452	null	null	null
47004	88451	AW546518	TC173060	enhancer of rudimentary homolo	Mm.21952
28230	48622	AW547609	TC162145	voltage-dependent calcium chan	Mm.3544
240582	464623	AW547746	null	null	Mm.102843
185406	226645	null	null	null	null
96235	155932	AW547988	TC173984	null	Mm.30969
62819	65647	AW547622	TC158505	kinesin-related mitotic motor	Mm.42203
45289	48749	AW547810	TC160970	null	Mm.21749
134705	130430	AW547894	null	null	Mm.102848
53614	72925	AW548010	TC176717	5-lipoxygenase-activating prot	Mm.19844
105819	164546	AW549145	TC160092	25 kDa FK506 binding protein F	Mm.3371
164423	194298	AW549259	TC162974	novel stromal cell protein	Mm.17958
100364	120386	AW549375	TC163705	null	Mm.97975
172531	280269	AW549472	null	null	Mm.102891
235999	256762	AW549179	TC176191	null	Mm.36505
0	0	AW549277	TC200309	null	Mm.12459
101769	119077	AW549391	TC190748	null	Mm.30566
0	0	AW549488	null	null	null
20148	40239	AW546597	TC174028	spermidine/spermine N1-acetyl	Mm.2734
17160	21892	AW546688	null	null	null
129886	88507	AW546788	TC173412	p68(beta ig-h3)	Mm.14455
36880	55045	AW546619	TC157766	null	Mm.24729
49878	97768	AW546704	null	null	Mm.14798
6931	9856	AW546799	TC204099	null	Mm.58488
31306	29947	AW546849	TC161646	copper chaperone for superoxid	Mm.21414
15514	31707	AW548068	TC159533	y2-globin	Mm.35830
36884	42563	AW548168	TC201156	null	Mm.27523
0	0	null	null	null	null
69269	68416	AW548347	null	null	Mm.102859
20696	29306	AW548085	TC173534	null	Mm.28039
70020	125640	AW548198	null	null	Mm.7156
14625	17714	AW548292	TC162979	null	Mm.3882
37127	42087	AW548382	TC160680	null	Mm.23739
86282	115081	AW549581	TC158358	null	Mm.79256
18425	16477	null	null	null	null
0	0	AW549767	null	null	Mm.102898
60551	73396	AW549864	TC186724	neuropilin	Mm.27448
58551	61809	AW549608	TC192881	null	Mm.11350
40590	38474	AW549702	TC174727	F-box protein FBX18	Mm.24088

391087	271636	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
27633	45326	AW549879	TC161785	null	Mm.13756
42534	72281	AW550633	TC161400	null	Mm.27811
16049	19968	AW550741	TC160451	hepatoma-derived growth factor	Mm.38268
146417	162572	AW550836	TC161569	null	Mm.5293
507099	670380	null	null	null	null
79865	84867	AW550653	TC159800	null	Mm.22708
404579	450309	AW550770	null	null	null
0	0	AW550853	null	null	null
348005	352700	AW550913	TC157709	null	Mm.21514
256360	191858	AW551942	TC160287	aldehyde dehydrogenase II	Mm.4514
119515	174960	AW551989	TC199907	elongation factor 2	Mm.70787
6505	13328	AW552037	TC176972	null	Mm.33408
124659	148113	AW552084	null	null	Mm.102986
208036	230779	AW551955	null	null	null
3966	7488	AW552000	TC161854	null	Mm.10844
98010	161109	AW552048	null	null	Mm.97727
9031	12001	AW552092	TC189675	steroid receptor coactivator-1	Mm.2028
32045	52078	AW552765	null	null	null
211117	227538	AW552831	TC173039	Sui1 homolog	Mm.13886
371307	548782	AW552886	TC186422	murine valosin-containing prot	Mm.18921
86148	119648	AW552961	TC188262	null	Mm.525
19205	24755	AW552781	TC197580	null	Mm.103544
0	0	AW552845	null	null	Mm.103016
56293	50142	AW552902	TC186919	null	Mm.29975
28692	28481	AW552987	TC201863	null	Mm.27162
0	0	AW551014	TC190388	null	Mm.34463
6572	9332	AW551152	TC174829	null	Mm.33008
10689	17049	AW551248	TC197665	null	null
2490570	2280710	AW551176	null	null	null
83412	90032	AW551267	null	null	null
12618	12010	AW551379	TC188195	null	Mm.26582
19924	18665	AW552126	TC157792	null	Mm.11223
38035	85178	null	null	null	null
23473	27804	AW552210	null	null	Mm.13162
43831	51251	AW552256	TC202954	null	Mm.31048
9645	13024	null	null	null	null
8224	13423	AW552179	TC190338	null	Mm.100617
23438	32133	AW552226	TC189172	null	Mm.27098
6287	11215	AW552270	null	null	Mm.102994
18430	31020	AW553053	TC174833	ALF1B protein	Mm.36894
26981	30543	AW553106	TC160552	null	Mm.25200
35325	238402	null	null	null	null
12138	15611	AW553223	TC188455	null	Mm.41558
0	0	AW553066	TC166325	null	Mm.103029
21101	15929	AW553129	TC187025	null	Mm.42275
0	0	AW553186	TC193244	null	Mm.102959
0	0	AW553246	TC188821	mTim1	Mm.6458
61827	244065	AW550637	TC200645	null	Mm.38415
0	0	null	null	null	null
2348428	2516425	null	null	null	null

901165	1699799	AW550902	TC158243	ribosomal protein	Mm.2235
156619	175976	AW550655	TC188727	T-cell receptor alpha chain	Mm.3466
34090	33199	AW550771	null	null	null
53305	65305	AW550860	TC187062	null	Mm.27901
74357	104181	AW550917	TC176604	null	Mm.67527
23276	42266	AW551943	TC157271	null	Mm.7398
273490	422976	AW551989	TC199907	elongation factor 2	Mm.70787
10904	15065	AW552038	TC157952	null	Mm.57792
16682	18433	AW552086	TC200303	serine palmitoyltransferase LC	Mm.6505
0	0	AW551958	null	null	null
0	0	AW552001	TC175159	null	Mm.21175
6068	7315	AW552052	TC161981	null	Mm.32901
8810	9080	AW552096	TC162248	homeobox protein PKNOX1	Mm.87619
8917	10958	AW552766	TC177560	null	Mm.24284
109574	195630	AW552833	TC186792	LNR42	Mm.27796
492122	640945	AW552886	TC186422	murine valosin-containing prot	Mm.18921
31242	39771	AW552972	TC174092	null	Mm.30092
12458	18307	AW552788	TC197581	null	Mm.103012
292431	344781	AW552848	TC186483	rab7	Mm.4268
29156	32350	null	null	null	null
0	0	AW552990	TC162697	null	Mm.27637
76631	130032	AW551156	TC173134	ribosomal protein L18	Mm.41923
113593	98011	AW551249	TC158299	voltage dependent anion channe	Mm.3555
44053	38666	AW551338	TC186893	null	Mm.21707
22278	28077	AW551179	TC178171	null	Mm.3281
24477	29376	AW551278	TC187141	Ste20-related kinase SMAK	Mm.28133
0	0	AW551387	null	null	null
12520	15167	AW552126	TC157792	null	Mm.11223
47688	53644	AW552170	TC187605	myocyte-enriched calcineurin i	Mm.56
19783	17448	AW552212	null	null	null
7048	9463	AW552260	TC202568	null	Mm.30232
7545	13184	AW552133	TC158468	KIF2 protein	Mm.4415
25289	30431	AW552184	null	null	Mm.102990
56793	76136	AW552227	TC174555	null	Mm.27259
22604	20420	AW552272	TC202465	null	Mm.25307
4412	11287	AW553058	TC190984	megakaryocyte potentiating fac	Mm.17510
76213	71569	AW553113	TC173247	N-acetylglucosaminyl transfera	Mm.6354
0	0	AW553177	null	null	Mm.103037
43052	52395	AW553224	TC187995	null	Mm.22030
0	0	null	null	null	null
10213	9781	AW553130	TC170720	null	Mm.103033
0	0	AW553188	TC167104	null	Mm.103039
8346	6505	AW553249	TC187275	null	Mm.29743
95345	121685	AW550639	TC207811	null	null
268853	302317	AW550755	null	null	null
9038	7942	AW550845	null	null	null
34511	47966	AW550906	null	null	Mm.102939
247943	480401	AW550656	TC159612	plasma glutathione peroxidase	Mm.7156
81338	102441	AW550772	null	null	Mm.102935
37781	35958	AW550861	TC189773	null	Mm.4211
278111	691253	AW550920	TC191737	null	Mm.44718

59609	69821	AW551944	TC190375	null	Mm.27957
0	0	AW551993	TC160861	MEB3 (aa 11-919)	Mm.7248
58631	66920	AW552041	TC200356	makorin 1	Mm.7198
20906	35477	AW552088	TC191320	null	Mm.23614
69429	96087	AW551959	TC160632	cullin 1	Mm.21771
0	0	AW552005	null	null	Mm.102983
29366	41226	AW552054	TC188080	null	Mm.27627
0	0	AW552099	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
46346	61226	null	null	null	null
16922	15643	AW552834	TC165010	null	Mm.63584
40464	37133	AW552889	TC169440	null	Mm.39178
254674	360737	AW552978	TC200144	alpha-actinin	Mm.29991
23088	29901	AW552789	TC192095	null	Mm.83528
0	0	AW552849	TC211232	null	null
138801	215567	AW552909	TC173697	cellugyryn	Mm.2079
265392	307797	AW552998	TC188050	null	Mm.28803
0	0	AW551019	TC186736	cdc21	Mm.1500
99166	163680	AW551165	TC173309	protein-tyrosine kinase substr	Mm.584
0	0	AW551251	TC190382	null	Mm.17353
3506	5070	AW551339	TC161875	null	Mm.31643
0	0	AW551032	null	null	Mm.1139
4015	7264	AW551184	null	null	Mm.24786
19405	21244	null	null	null	null
6649	37826	AW551388	null	null	Mm.29590
0	0	AW552126	TC157792	null	Mm.11223
0	0	AW552171	TC164583	null	Mm.44734
0	0	AW552217	TC206904	null	Mm.36771
11980	17401	AW552263	TC188007	null	Mm.28332
0	0	AW552134	TC187079	null	Mm.27403
5715	11924	AW552186	TC199896	null	Mm.22491
0	0	AW552230	TC188326	null	Mm.27142
8382	12106	AW552276	TC173780	null	Mm.36669
148715	289307	AW553061	null	null	null
18399	15714	AW553118	TC173337	null	Mm.22533
26883	43068	AW553179	TC175193	null	Mm.21453
28030	36941	AW553227	null	null	Mm.103041
0	0	AW553068	TC178026	null	Mm.23656
0	0	AW553137	TC175107	Rhesus blood group protein	Mm.18140
47331	62384	AW553192	TC203485	null	Mm.22249
47523	68239	AW553253	TC161523	null	Mm.39288
117186	150199	AW550641	TC188443	Frg1	Mm.67
15121	25709	AW550764	null	null	null
23907	28436	AW550848	TC204527	null	Mm.63497
64879	81219	AW550907	TC187440	S6 kinase 2	Mm.20917
185282	387609	AW550666	TC203609	null	Mm.32494
9349	15601	AW550780	TC174151	unknown	Mm.1457
38701	71115	AW550862	null	null	Mm.3953
72916	100709	null	null	null	null
64450	59682	AW551949	TC161044	null	Mm.29283
17275	26912	AW551994	TC188818	null	Mm.38957
195103	163754	AW552043	TC201270	null	Mm.23839

357694	316431	AW552089	null	null	null
735788	994172	null	null	null	null
27354	36117	AW552006	TC161308	null	Mm.28517
20261	24863	AW552055	TC202511	SH2-B PH domain containing sig	Mm.8538
6355	5453	AW552101	null	null	null
14474	21305	AW552772	null	null	null
15765	25424	AW552837	TC166423	null	Mm.103015
49779	50660	AW552891	null	null	null
245695	243737	AW552979	TC201852	null	Mm.39988
86660	87631	AW552790	null	null	null
28495	22775	AW552851	TC176154	null	Mm.33818
35850	28763	AW552910	TC177137	null	Mm.24136
32570	33218	AW553000	TC158553	null	Mm.37975
0	0	AW551021	TC200080	alpha fetoprotein	Mm.80
22524	17829	AW551166	TC187086	hemin-sensitive initiation fac	Mm.20949
0	0	AW551259	TC160212	ancient ubiquitous 46 kDa prot	Mm.2146
38286	202889	AW551033	TC163708	null	Mm.38527
73520	72801	AW551190	null	null	null
9256	17478	AW551281	TC203341	null	Mm.46543
10237	21672	AW551393	null	null	Mm.29590
0	0	AW552127	null	null	null
43167	45235	AW552172	TC189403	null	Mm.41224
29425	31918	AW552218	TC199941	null	Mm.19101
0	0	null	null	null	null
31342	34926	AW552135	null	null	Mm.102989
0	0	AW552188	TC177345	null	Mm.52111
8465	11793	AW552234	null	null	null
11649	9121	AW552278	TC188900	alpha-methylacyl-CoA racemase	Mm.2787
131163	186379	AW553062	null	null	null
0	0	AW553120	null	null	Mm.103032
51675	63687	AW553180	TC160876	null	Mm.22192
22302	17166	AW553230	TC162262	Drosophila vasa homologue	Mm.67423
338764	348755	AW553069	null	null	null
36056	50028	AW553139	TC202964	null	Mm.32488
0	0	AW553194	TC160399	null	Mm.28668
52735	75204	AW553254	TC200634	49 kDa zinc finger protein	Mm.12236
878636	1057499	AW550650	TC157665	tctex-1 protein	Mm.1948
842249	666346	AW550765	null	null	null
910855	1633934	AW550850	TC158182	null	Mm.13859
1255627	2252188	AW550910	TC157628	BUB2-like protein 1	Mm.29982
476581	575067	AW550677	TC157776	null	Mm.30240
71077	117940	AW550783	TC168012	null	Mm.102936
0	0	AW550864	TC200017	thyroid hormone binding protei	Mm.16660
0	0	AW550933	null	null	Mm.102941
9795	16685	AW551952	TC193158	null	null
24521	26386	AW551995	TC190761	null	Mm.28914
33699	41015	AW552044	null	null	null
95693	72395	AW552090	TC157928	null	Mm.21761
0	0	AW551961	null	null	Mm.102980
34841	39086	null	null	null	null
23033	31089	AW552057	TC175797	null	Mm.34694

14131	29330	AW552102	TC201094	leucine rich protein	Mm.27746
158408	191091	AW552774	null	null	null
21421	12682	AW552838	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
0	0	AW552892	TC166857	null	Mm.103019
1329656	2254283	AW552980	TC200818	glycosylphosphatidylinositol a	Mm.5903
30545	37262	AW552792	TC211357	null	Mm.102923
28507	28256	AW552855	TC160083	null	Mm.22559
16954	21787	AW552911	TC167592	null	Mm.96076
141674	144782	AW553001	TC161841	ISLR	Mm.38426
60193	104403	AW551025	null	null	Mm.102942
0	0	AW551167	TC178606	null	Mm.100216
239320	249783	AW551261	TC173614	null	Mm.21684
10013	12258	AW551352	null	null	null
85254	98723	AW551034	null	null	Mm.29722
31679	39090	AW551191	TC158511	null	Mm.11593
60431	68720	AW551291	TC173759	null	Mm.26680
214095	248187	AW552131	TC186878	null	Mm.12110
55159	78296	AW552177	null	null	null
72883	116205	AW552221	TC200146	hepatoma derived growth factor	Mm.1141
9129	10451	AW552266	TC202116	protein kinase	Mm.2185
0	0	AW552136	null	null	null
11029	11681	AW552189	TC174866	null	Mm.22599
21690	25937	AW552235	TC197567	null	Mm.102992
83082	70033	AW552281	TC188850	ubiquitin protein ligase	Mm.8975
53541	57930	AW553064	null	null	Mm.103027
36901	43502	AW553124	TC160113	MGP precursor	Mm.2017
97055	123541	AW553181	TC205675	null	Mm.103038
129350	202076	AW553234	TC201155	null	Mm.27523
0	0	AW553070	null	null	null
8752	10911	AW553140	TC160223	regulated secretory protein-23	Mm.17403
20245	20486	AW553197	TC188798	null	Mm.18062
39989	49677	AW553258	TC158866	ribosomal protein L37a	Mm.21529
692997	1061155	null	null	null	null
71149	89542	AW550769	TC191184	zinc finger protein ZFP113	null
464062	784825	AW550850	TC158182	null	Mm.13859
1147733	1630627	AW550910	TC157628	BUB2-like protein 1	Mm.29982
47440	64556	AW550679	TC165342	null	Mm.27670
12320	17579	AW550795	TC200441	G protein alpha i3 subunit	Mm.22704
40760	46819	AW550871	TC200601	null	Mm.29230
586990	781732	AW550942	TC174217	null	Mm.24220
13824	16210	AW551953	TC157457	null	Mm.102979
59877	63657	AW551999	TC187139	protein carboxyl methyltransfe	Mm.25169
301256	246209	AW552047	TC160646	null	Mm.29349
13792	16668	AW552091	null	null	null
86331	123675	AW551962	TC200673	null	Mm.30165
123116	144057	AW552007	TC174425	null	Mm.20543
46910	52119	AW552058	TC173473	null	Mm.23836
43716	57889	AW552103	TC160469	null	Mm.29106
253041	152140	AW552780	TC173392	glutathione transferase (EC 2.	Mm.2011
84894	94438	AW552841	TC177370	null	Mm.22056
46693	73215	AW552896	TC162673	null	Mm.38238

67662	125230	AW552986	TC200198	null	Mm.24365
24771	28076	AW552797	TC163246	zinc finger protein	Mm.12832
127752	195304	null	null	null	null
151090	157916	AW552915	TC157882	null	Mm.30062
57555	73155	AW553008	null	null	null
220217	363600	AW551028	TC160801	Vav2 gene product	Mm.39302
16911	28933	AW551172	TC201587	null	Mm.29615
33982	62229	AW551263	null	null	null
44332	53112	AW551372	TC173796	sid23p	Mm.28919
15650	21323	null	null	null	null
89575	96910	AW551192	TC174147	PA28 alpha subunit	Mm.830
26527	33832	AW551293	TC160773	null	Mm.204
30877	44743	AW551398	TC202895	null	Mm.43157
0	0	AW552132	TC175080	AMY-1	Mm.12975
18471	20385	null	null	null	null
7056	9739	AW552222	TC186388	5' ORF	Mm.14802
13597	16712	AW552267	null	null	null
994229	1692208	AW552139	null	null	Mm.10706
23553	30181	AW552191	TC161086	null	Mm.28579
49351	50061	AW552238	TC200632	null	Mm.28910
76133	73333	AW552286	null	null	null
0	0	AW553065	TC211228	null	Mm.103028
17957	25630	AW553126	TC190857	null	Mm.21655
71482	77203	null	null	null	null
0	0	AW553235	null	null	null
0	0	AW553072	null	null	null
12152	14128	AW553141	null	null	null
30679	36793	AW553198	TC173470	null	Mm.18628
151368	242912	AW553259	TC173461	HBp15/L22	Mm.43243
6599	11983	AW553714	TC159048	tousled-like kinase	Mm.4557
0	0	AW553766	TC165695	null	Mm.77786
100618	105762	AW553824	null	null	null
15185	18164	AW553910	TC179611	null	Mm.103075
90635	80016	AW553730	TC176385	null	Mm.49051
38003	37821	AW553787	TC187625	null	Mm.29042
15713	11862	AW553859	TC162287	interleukin-10 receptor	Mm.26658
9977	10432	AW553926	TC161513	null	Mm.41739
31836	51430	AW554686	TC207781	null	Mm.4505
79360	112728	AW554760	TC211223	null	Mm.103111
0	0	AW554840	TC203839	null	Mm.30517
51898	61200	AW554918	TC205065	null	Mm.34078
22727	19136	null	null	null	null
0	0	AW554783	TC161034	null	Mm.7597
0	0	AW554852	null	null	Mm.103115
29171	39398	AW554926	TC173227	PTB-associated splicing factor	Mm.43213
8033	4443	AW555662	TC173844	null	Mm.27435
708335	511735	AW555706	null	null	Mm.5246
241826	283924	AW555755	TC158564	null	Mm.86618
967734	977354	AW555675	TC186497	aldehyde reductase	Mm.30085
86424	90260	AW555719	null	null	null
398284	475561	AW555762	TC160043	transketolase	Mm.9307

3437	4488	AW553974	null	null	null
7023	7360	AW554047	TC175660	null	Mm.32033
22101	31940	AW554115	TC162066	calcitonin gene-related peptid	Mm.18072
186790	212271	AW554165	TC203170	vacuolar protein sorting homol	Mm.2582
200537	215257	AW553987	TC175832	null	Mm.41932
787570	835677	AW554069	null	null	null
0	0	AW554125	TC205093	null	Mm.24428
33944	34475	AW554184	TC187881	null	Mm.27373
65331	86287	AW555001	TC201350	RW1 protein	Mm.10808
23147	33445	AW555062	TC187902	null	Mm.27922
21936	17816	AW555108	TC190380	null	Mm.30850
146996	96485	AW555156	TC176698	null	Mm.31203
709440	634200	AW555020	TC173231	null	Mm.988
7795	14543	AW555073	TC184145	null	Mm.102954
96166	116319	AW555116	TC179504	null	Mm.100829
55554	57907	AW555167	TC157840	null	Mm.22615
23676	20146	AW555800	TC200478	zinc RING finger protein SAG	Mm.28235
12475	13035	AW555883	null	null	null
25085	28878	AW555985	TC187177	30-kDa subunit of replication	Mm.2870
108379	156369	AW556040	TC160388	transcription factor	Mm.925
19225	18436	AW555813	TC162512	null	Mm.32364
20209	23272	AW555905	TC165533	null	Mm.100597
16974	22669	AW555995	TC173490	heparin binding protein 44	Mm.4560
33605	37950	AW556050	null	null	null
0	0	AW553715	TC157927	null	Mm.21657
20905	18791	AW553771	null	null	Mm.103068
61356	53537	AW553838	TC160342	null	Mm.21669
47903	62781	AW553913	TC188586	null	Mm.15801
13893	17155	null	null	null	null
4957	5242	AW553789	null	null	null
5492	8555	AW553861	TC170833	null	Mm.103072
9578	12572	null	null	null	null
24900	24560	AW554687	TC187877	null	Mm.608
0	0	AW554761	TC179300	null	Mm.100810
0	0	AW554842	null	null	null
6760	6216	AW554921	TC190032	null	Mm.24501
43172	59122	AW554706	TC162439	null	Mm.21246
8227	13108	AW554784	TC177286	null	Mm.32986
11843	5962	AW554859	TC166562	null	Mm.40831
6184	10688	null	null	null	null
31699	44871	AW555665	TC203042	null	Mm.41188
126978	125006	AW555707	TC174549	WW-domain binding protein 1	Mm.1109
96468	108499	AW555759	TC173354	prohibitin or B-cell receptor	Mm.2355
1011437	1143873	AW555675	TC186497	aldehyde reductase	Mm.30085
609506	725808	AW555720	TC187102	tumor necrosis factor alpha co	Mm.27681
1162432	1507654	AW555762	TC160043	transketolase	Mm.9307
24561	29818	AW553978	TC158517	null	Mm.21876
152541	247145	AW554058	null	null	Mm.21671
57493	74793	AW554116	TC187645	alpha 2 (IV) collagen fragment	Mm.100770
78158	87212	AW554166	TC162288	OCTN2	Mm.42253
146056	185424	AW553990	TC164862	null	Mm.38401

7172	12811	AW554071	null	null	null
0	0	null	null	null	null
33461	39561	AW554186	TC176819	null	Mm.30556
105739	160847	AW555007	TC187096	phosphatase 2A catalytic subun	Mm.7418
6023	8525	AW555063	TC184000	null	null
44536	53864	AW555109	TC202254	DNA-binding protein	Mm.8137
40838	53292	AW555157	TC186699	null	Mm.29584
545776	491404	AW555020	TC173231	null	Mm.988
32644	37642	AW555075	TC188782	null	Mm.25140
0	0	AW555117	TC206452	null	Mm.26553
21896	26020	AW555168	null	null	Mm.103128
7568	10580	AW555803	TC173939	Tbc1	Mm.27271
0	0	AW555889	TC175504	platelet-derived growth factor	Mm.2675
189844	123175	AW555986	TC200417	null	Mm.28365
64622	105786	AW556041	TC174307	complement protein H	Mm.8655
27318	33698	AW555816	TC163276	synaptonemal complex protein 1	Mm.4564
20435	27606	AW555913	TC160151	mMIS5	Mm.4933
63913	61010	AW555997	null	null	Mm.103158
41123	36201	AW556056	TC204702	Hox-3.2	Mm.103163
10433	12287	AW553717	TC190260	null	Mm.2775
0	0	AW553772	TC210153	null	Mm.103069
27511	19191	AW553846	TC176873	AE3 protein	Mm.5053
0	0	AW553914	TC174945	null	Mm.23503
15816	14712	AW553732	TC174725	pyruvate carboxylase	Mm.1845
8245	7502	AW553790	TC174578	null	Mm.29793
24829	28402	AW553862	TC174450	null	Mm.28231
9762	10622	AW553930	TC161277	protein tyrosine phosphatase P	Mm.4220
39535	35519	AW554689	TC201360	null	Mm.11535
16152	31581	AW554765	TC203144	null	Mm.27484
6938	12974	AW554844	TC193190	null	null
15585	25243	AW554923	TC187162	HMG CoA synthase	Mm.10633
73953	76998	AW554709	TC161267	null	Mm.19803
19260	41682	AW554785	TC202067	spermatid perinuclear RNA bind	Mm.18034
0	0	AW554864	TC197551	null	Mm.103116
61724	64217	AW554931	null	null	null
261506	357873	AW555666	TC200166	cAMP-dependent protein kinase	Mm.30039
620308	687949	AW555711	null	null	Mm.103152
109219	158352	null	null	null	null
22188	26658	AW555677	TC163982	null	Mm.71886
561569	762256	AW555723	TC205171	null	Mm.32934
87909	115341	AW555765	TC201192	cytoplasmic dynein intermediat	Mm.20893
86905	86978	AW553979	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
19632	34125	AW554059	TC161448	null	Mm.28109
9387	9752	AW554117	TC200053	null	Mm.29306
88921	95672	AW554172	TC200293	SDR1	Mm.15125
93569	110976	AW553998	TC186580	null	Mm.5612
37973	36988	AW554074	TC160894	unnamed protein product	Mm.18818
6618	11179	AW554127	TC200745	putative T1/ST2 receptor bindi	Mm.1044
67074	58885	AW554187	TC173221	alpha glucosidase II, alpha su	Mm.3196
19708	25247	AW555008	TC190310	null	Mm.29167
6373	7426	AW555065	TC161602	RalGDS-like factor	Mm.43777

9227	13982	AW555111	TC201446	histone deacetylase 3	Mm.20521
36119	47839	AW555158	TC189419	null	Mm.25122
104117	122978	AW555021	TC202149	subtilisin-like proprotein con	Mm.3255
42434	48953	AW555077	TC163449	endophilin I	Mm.26533
12478	14199	AW555120	TC159632	Tssc4 protein	Mm.88573
25883	36949	AW555173	TC187118	null	Mm.23825
0	0	AW555804	TC164016	null	Mm.31979
61939	62271	AW555895	TC176722	null	Mm.7863
9618	15148	AW555990	null	null	null
0	0	AW556044	null	null	Mm.103162
0	0	null	null	null	null
34880	41144	AW555914	TC161319	null	Mm.23566
190464	207436	AW555999	TC176677	null	Mm.28759
0	0	AW556058	TC193310	null	Mm.100997
34278	29458	AW553718	TC158352	CRIP1 protein	Mm.21149
14381	24559	AW553774	TC162832	null	Mm.44715
0	0	AW553849	TC207115	null	Mm.103071
29508	45349	AW553915	TC205002	null	Mm.89181
23341	31158	AW553736	TC189536	null	Mm.40291
27538	31046	AW553793	TC202900	null	Mm.38313
0	0	AW553866	TC175071	2P1 protein	Mm.29471
22116	22850	AW553932	null	null	Mm.103076
110623	209348	AW554692	TC159884	alpha NAC/1.9.2. protein	Mm.3746
32450	49449	AW554767	TC188527	cdc2/CDC28-like kinase 4	Mm.9488
90704	147169	AW554846	TC160091	unc-18 homologue	Mm.12155
12643	26839	AW554924	TC200837	Su(var)3-9 homolog	Mm.9244
21208	27317	AW554710	TC176346	null	Mm.36283
0	0	AW554790	null	null	Mm.103112
8828	14370	AW554865	TC176388	null	Mm.32661
0	0	AW554932	TC211196	null	null
26547	29768	AW555668	null	null	null
127590	158754	AW555712	TC187711	null	Mm.29600
235320	372798	null	null	null	null
57628	56890	AW555678	null	null	Mm.100627
30764	49942	AW555731	TC159152	unnamed protein product	Mm.29577
252793	272970	AW555768	TC200642	null	Mm.28600
27626	27493	AW553980	TC174545	null	Mm.29878
65803	83259	AW554060	TC161501	null	Mm.22403
0	0	null	null	null	null
116156	164366	AW554173	TC173440	single stranded DNA binding pr	Mm.966
22468	19902	AW553999	TC175893	null	Mm.27763
8303	13027	null	null	null	null
201953	166067	AW554129	TC188496	null	Mm.24457
86565	100872	AW554188	TC201608	null	Mm.25566
166361	276309	AW555009	TC188002	TR2L	Mm.5159
70838	83031	AW555068	TC204103	null	Mm.89413
76812	98753	AW555113	TC183561	null	Mm.103458
13068	24719	null	null	null	null
46836	76206	AW555026	TC189185	protein S	Mm.24611
11127	8811	AW555078	TC177410	inhibin alpha-subunit	Mm.1100
7280	5685	null	null	null	null

7501	10810	AW555174	TC197103	null	Mm.103129
9113	9833	AW555806	TC187091	myo-inositol 1-phosphate synth	Mm.29357
90076	94658	AW555902	null	null	null
83415	98419	AW555991	TC187027	null	Mm.46624
49491	77133	AW556045	null	null	null
90297	92834	AW555822	null	null	null
88040	86385	AW555916	TC190431	null	Mm.30643
61409	65740	AW556000	TC203421	null	Mm.103159
18857	26090	AW556059	TC202735	null	Mm.24527
0	0	AW553719	TC167154	null	Mm.77303
0	0	AW553775	TC200261	null	Mm.29641
20941	29291	AW553850	TC158503	hepatoma-derived growth factor	Mm.28887
32923	42803	AW553918	TC174452	null	Mm.44225
87323	145463	AW553737	TC212466	null	Mm.103065
8272	9832	AW553797	TC189858	null	Mm.29899
12226	19244	AW553868	TC201712	second IL11 receptor alpha cha	Mm.15617
0	0	AW553934	TC184141	null	null
15440	8529	AW554693	TC173834	null	Mm.29092
0	0	AW554776	TC202889	null	Mm.29638
37750	31438	AW554847	TC204985	null	Mm.34720
18709	24078	null	null	null	null
26566	33501	AW554711	TC187018	null	Mm.31533
0	0	AW554791	TC164539	IL-3 receptor alpha subunit	Mm.4944
20873	30051	AW554874	TC162436	gankyrin	Mm.40507
6568	13368	AW554937	null	null	null
74776	101593	AW555669	TC189295	null	Mm.30752
348876	391940	AW555713	TC187861	DNA helicase	Mm.34410
70994	90066	AW555761	null	null	null
44409	38378	AW555679	TC163495	null	Mm.44079
256013	291247	AW555732	TC187502	null	Mm.30007
91004	88324	AW555769	null	null	null
148937	186622	AW553984	TC163834	null	Mm.86756
728819	780116	AW554061	null	null	null
22117	33535	AW554120	TC186503	mCDC47	Mm.18923
0	0	AW554174	TC177346	sperm-binding protein ZP2 prec	Mm.6510
55191	68948	AW554000	null	null	Mm.103079
18357	19215	AW554076	TC178832	null	Mm.103081
52002	37627	AW554132	TC163327	semaphorin subclass 4 member G	Mm.34404
42873	41984	AW554191	TC203273	null	Mm.23983
131723	123211	AW555013	TC161468	UNC-51-like kinase (ULK) 2	Mm.27664
9777	8463	AW555071	null	null	null
15340	27560	null	null	null	null
136191	144350	AW555161	null	null	null
0	0	AW555028	TC204192	null	null
54541	80702	AW555081	TC186926	2,3-bisphosphoglycerate mutase	Mm.22706
16379	17383	AW555124	TC188699	null	Mm.46552
23683	34160	AW555176	TC186910	null	Mm.29144
9759	7690	AW555810	null	null	Mm.103156
14409	21205	AW555903	null	null	null
92912	117664	AW555992	TC174838	null	Mm.29536
67886	79072	AW556048	TC201328	null	Mm.2845

0	0	AW555823	null	null	null
157557	147179	AW555929	TC200509	evectin-2	Mm.28491
15116	16563	AW556002	TC157673	null	Mm.38247
31418	41933	AW556062	TC161880	null	Mm.88265
18906	24259	AW553726	null	null	null
22777	33285	AW553777	TC173127	Gh/tissue transglutaminase	Mm.18843
41528	44302	AW553858	TC173960	null	Mm.28402
53137	58140	AW553921	TC174289	null	Mm.29542
35684	42987	AW553739	TC191095	esk kinase	Mm.1904
8814	16130	null	null	null	null
16041	26495	AW553870	TC177324	periplakin	Mm.10225
16958	16599	AW553935	TC192714	null	Mm.80710
25085	27963	AW554695	TC187074	null	Mm.32126
51072	54617	AW554781	null	null	null
95167	110452	AW554848	TC174315	null	Mm.29058
9061	9458	AW554925	TC193962	null	Mm.103120
293092	351527	AW554714	TC187541	null	Mm.41268
70545	97147	AW554801	null	null	null
24015	24227	AW554878	TC191310	null	Mm.103117
79269	81235	AW554941	null	null	null
90626	116548	AW555673	TC176927	ZnT-3	Mm.1396
922525	968053	AW555717	null	null	null
1168631	1413464	AW555762	TC160043	transketolase	Mm.9307
42801	44781	AW555680	null	null	null
119749	133829	AW555733	TC175783	hyaluronidase	Mm.4834
29836	34824	AW555773	TC178124	null	Mm.30641
62968	68708	AW553985	TC189393	null	Mm.39478
44949	44643	AW554063	null	null	null
4739	7871	AW554122	TC173489	ORF	Mm.3940
13587	12856	AW554179	TC190267	null	Mm.28615
160559	220481	AW554001	TC200675	null	Mm.28343
48219	54127	AW554081	TC161318	activity-dependent neuroprotec	Mm.25135
6546	8281	AW554133	null	null	null
0	0	AW554193	TC187433	FK506 binding protein 51	Mm.22595
504417	526370	AW555016	TC157590	null	Mm.4071
108734	133172	AW555072	TC190983	null	Mm.30713
29924	29889	AW555115	TC187575	null	Mm.34356
49092	56809	AW555163	TC200325	null	Mm.4525
17487	21067	AW555034	TC208366	null	null
11795	20577	AW555086	null	null	Mm.103124
33060	29792	AW555130	TC164192	PMS2	Mm.2950
36165	37642	AW555177	TC201318	cysteine-rich protein NFX-1	Mm.103390
43741	45186	AW555812	TC176964	null	Mm.21093
34374	55339	AW555904	TC177232	cell surface antigen AA4	Mm.681
88953	98782	AW555994	TC200922	melanoma adhesion molecule	Mm.39103
0	0	AW556049	null	null	Mm.30065
0	0	AW555831	null	null	null
0	0	AW555935	TC174672	AM2 receptor	Mm.7221
82616	111565	AW556003	TC175072	null	Mm.27790
11986	9332	AW556063	TC159899	null	Mm.30245
9528	11051	AW556514	TC160096	cyclin 3	Mm.7417

22054	34284	AW556570	TC163175	null	Mm.26973
38534	56796	AW556630	TC162876	null	Mm.37634
13764	19884	AW556705	TC211343	null	Mm.102814
11459	12625	null	null	null	null
0	0	AW556580	null	null	Mm.103187
0	0	AW556660	null	null	null
0	0	AW556711	null	null	Mm.103195
1296152	1374527	AW557486	TC164322	null	Mm.60648
41820	62181	AW557554	TC162780	null	Mm.27117
129282	203007	AW557641	null	null	null
242479	231963	AW557701	TC173800	Fc receptor (FcRn)	Mm.3303
367244	397963	AW557501	TC188704	null	Mm.21612
132214	200395	AW557574	TC173490	heparin binding protein 44	Mm.4560
1273114	1252370	AW557657	TC160230	NADP-dependent isocitrate dehy	Mm.9925
297702	460490	AW557717	null	null	Mm.24383
48781	86124	AW558517	TC173708	null	Mm.21686
27350	30668	AW558583	TC174431	null	Mm.30184
10783	15260	AW558465	TC162831	null	Mm.39461
11932	11606	AW558635	TC157986	null	Mm.37809
0	0	AW558533	TC201495	unknown	Mm.28337
0	0	AW558425	TC161447	null	Mm.32800
23899	30569	AW558477	TC202332	null	Mm.28412
40565	65893	AW558648	TC160885	null	Mm.21762
66680	90800	AW556756	null	null	null
28560	41945	AW556839	TC200213	ras-GTPase-activating protein	Mm.2411
40617	48917	AW556890	null	null	null
5641	9515	AW556934	TC186998	putative	Mm.193
61644	83200	AW556780	TC199944	null	Mm.3576
28862	30769	AW556853	TC190001	null	Mm.18561
18041	15420	AW556900	TC201604	null	Mm.12180
42012	59239	AW556945	TC184067	null	Mm.103209
81787	99526	AW557761	TC173938	null	Mm.34261
18799	20158	AW557823	TC191884	null	Mm.100831
90105	125822	AW557865	TC189007	RAD50	Mm.4888
11818	18233	AW557920	null	null	null
188232	207478	AW557786	null	null	null
791068	778471	AW557840	null	null	Mm.103256
70923	86725	AW557878	TC161461	growth-arrest associated	Mm.3982
70143	100939	AW557928	TC187088	null	Mm.29254
30010	43730	AW558715	null	null	null
57658	70778	AW558783	TC162194	null	Mm.103315
1340899	1416886	AW558845	null	null	Mm.103295
59468	78113	AW558903	TC203949	null	Mm.70980
71394	70935	AW558732	TC161342	RNA binding protein	Mm.12931
637314	671009	AW558800	null	null	null
35738	37149	AW558861	TC186642	null	Mm.28586
15839	20895	AW558932	TC190253	null	Mm.33840
5162	8792	AW556515	TC202612	null	Mm.80773
13164	4820	AW556571	TC163307	SA3	Mm.10726
9964	9876	AW556635	TC161018	null	Mm.100611
23412	32193	AW556706	TC176401	null	Mm.28611

12814	8722	AW556528	null	null	null
9934	12439	AW556581	null	null	null
76593	125599	AW556673	TC173398	synexin	Mm.20794
31762	27837	AW556712	TC187519	golgi SNARE	Mm.22114
335684	603474	AW557490	TC158249	calpain small subunit	Mm.6534
138826	174367	AW557555	TC203184	null	Mm.103528
43362	45515	AW557645	TC166754	null	Mm.103434
33308	42628	AW557704	TC176023	null	Mm.11669
84683	86104	AW557504	TC162476	GEG-154	Mm.5181
20998	29377	AW557576	null	null	Mm.88704
245143	267100	AW557658	TC160154	MAP kinase-activated protein k	Mm.29725
85639	94151	AW557718	TC175119	EN-7 protein	Mm.1972
0	0	AW558520	null	null	null
184451	185001	AW558585	null	null	null
91061	118258	AW558466	TC162088	null	Mm.21104
0	0	AW558639	TC175105	null	Mm.37592
60851	69871	AW558428	TC188597	null	Mm.33135
116772	145781	AW558478	TC190563	null	Mm.30933
44710	46684	AW558650	TC188138	null	Mm.27114
1032	5946	null	null	null	null
12311	21628	AW556843	TC167072	pleomorphic adenoma gene like	Mm.103199
287040	282841	AW556893	TC197609	null	null
0	0	AW556935	TC175037	NUP50	Mm.28379
27384	36064	AW556781	TC206140	null	Mm.33487
0	0	AW556857	TC187417	Ste-20 related kinase SPAK	Mm.41532
13004	13689	AW556903	TC178820	null	Mm.103204
32946	47133	AW556946	TC176907	null	Mm.24632
0	0	null	null	null	null
250001	275435	AW557827	TC194110	null	Mm.41510
54878	55784	AW557866	TC190502	null	Mm.41399
0	0	AW557921	null	null	null
8657	17900	AW557787	TC177337	null	Mm.13360
7295	14194	AW557841	null	null	Mm.103257
195369	100564	AW557879	TC200684	null	Mm.28015
0	0	AW557930	null	null	null
20944	37225	AW558717	TC204574	null	Mm.63139
195726	211741	AW558785	TC164475	null	Mm.25697
290600	248094	AW558849	TC188978	null	Mm.22379
7845	11709	AW558904	null	null	null
0	0	AW558733	null	null	null
119877	105075	AW558801	TC159999	SH3 domain-containing protein	Mm.86379
1691280	1763106	AW558867	null	null	Mm.46449
0	0	null	null	null	null
0	0	AW556518	TC162359	APEG-1 protein	Mm.2104
39135	62719	AW556575	TC175724	zinc finger protein (Zfx)	Mm.919
15667	10709	AW556638	TC157732	null	Mm.22179
48743	73024	AW556707	TC200130	null	Mm.21559
20736	27004	AW556534	null	null	null
12059	19258	AW556585	TC163121	null	Mm.9789
60548	70514	AW556675	null	null	Mm.103193
0	0	null	null	null	null

187307	291870	AW557492	TC182884	null	Mm.103240
244178	315855	AW557564	TC177115	neural-restrictive silencer fa	Mm.24194
79992	82000	AW557650	TC161820	null	Mm.27716
34156	43211	AW557705	TC189424	null	Mm.29333
267672	273169	AW557507	null	null	Mm.103242
169187	229878	AW557582	TC186949	null	Mm.19191
696357	813533	AW557661	TC186790	transaldolase	Mm.29182
91703	134033	AW557726	TC189621	null	Mm.25869
53896	98143	AW558524	TC189099	null	Mm.3587
30265	34228	AW558587	null	null	null
9707	15869	AW558468	TC164253	null	Mm.103477
0	0	AW558642	TC179290	null	Mm.17715
8305	14568	AW558542	null	null	null
100278	79605	AW558429	TC187119	caspase-6	Mm.28814
29524	41305	AW558480	TC188162	null	Mm.27932
50548	54351	null	null	null	null
12461	23589	AW556761	TC201298	null	Mm.27134
13486	18107	AW556846	null	null	null
0	0	AW556894	null	null	Mm.103203
8297	8845	AW556940	TC200766	null	Mm.27959
7269	7369	AW556790	TC184132	null	Mm.102943
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0	0	AW556907	TC194362	null	Mm.103205
0	0	AW556947	TC168390	null	null
97339	158621	AW557767	TC200003	Lps/Ran GTPase	Mm.7521
13966	13008	AW557828	TC203650	null	Mm.66616
5063	6071	AW557870	TC165061	null	Mm.40141
19669	70286	AW557922	TC163408	null	Mm.32180
44520	31154	AW557788	TC158331	filamin	Mm.28044
8376	12162	AW557842	TC166534	null	Mm.103258
11320	19194	AW557881	null	null	Mm.103260
27911	37186	AW557932	null	null	null
397671	832360	AW558719	null	null	null
326833	314002	AW558788	TC186529	null	Mm.2395
42858	58949	AW558851	TC187345	methylenetetrahydrofolate dehy	Mm.443
28708	34329	AW558908	TC203017	null	Mm.42170
16995	11716	AW558734	null	null	null
2054245	2164448	AW558803	null	null	null
59012	65703	AW558870	TC174553	null	Mm.37744
30469	33195	AW558934	TC174424	null	Mm.28715
9302	15498	AW556523	TC189245	null	Mm.29190
85433	111074	AW556576	null	null	null
133262	188829	AW556639	null	null	Mm.103192
103344	123276	AW556708	TC176489	null	Mm.33904
154029	308910	null	null	null	null
919582	940725	AW556588	TC200047	triosephosphate isomerase	Mm.4222
34472	41708	AW556676	TC160568	null	Mm.41535
11990	9534	AW556713	TC189867	null	Mm.41506
17137	23291	AW557494	TC170761	null	Mm.103241
1966093	2051935	AW557566	null	null	Mm.103247
130013	119021	AW557651	TC200540	null	Mm.29683

1533924	2738715	AW557711	null	null	null
1296962	1397011	AW557509	TC201665	null	Mm.27128
292742	378721	AW557583	TC161589	null	Mm.21428
110332	150867	AW557663	TC162416	null	Mm.38383
34054	51391	AW557727	TC206288	null	Mm.103251
9489	14725	AW558525	TC176027	serine/threonine protein kinas	Mm.2981
185355	117301	AW558591	TC159474	catalase (AA 1-527)	Mm.4215
0	0	AW558469	TC177172	phosphatidylinositol 3-kinase	Mm.41943
95486	133513	null	null	null	null
29837	42539	AW558544	TC200426	null	Mm.55
4578	5607	AW558431	TC205937	null	Mm.57472
32276	34389	AW558481	TC176280	null	Mm.38526
40576	40834	AW558655	null	null	null
19307	18763	AW556768	TC189103	null	Mm.28292
146190	217782	AW556849	null	null	null
39629	55272	null	null	null	null
8119	15811	AW556942	TC160431	alpha-actinin 2	Mm.10711
78617	88341	AW556792	TC160816	null	Mm.12436
16267	18996	AW556861	TC203752	null	Mm.83109
6306	10752	null	null	null	null
207848	229810	AW556949	null	null	null
36997	34365	AW557770	TC161943	null	Mm.22682
141258	153930	AW557836	TC162679	null	Mm.23879
356063	367394	AW557871	null	null	null
8772	9657	AW557923	TC199410	null	Mm.103562
335320	377338	AW557790	null	null	null
5539	9816	null	null	null	null
123954	228001	AW557882	TC173398	synexin	Mm.20794
1017495	1564636	AW557939	null	null	null
49637	65961	null	null	null	null
664400	668648	AW558790	TC160037	MEM3	Mm.1178
909080	941780	AW558854	null	null	Mm.103296
155868	237200	AW558914	TC186481	Stat3B	Mm.3948
14760	17746	AW558736	null	null	null
279233	338592	AW558804	TC188779	null	Mm.17876
119281	169357	AW558874	TC189066	null	Mm.21912
1959723	2574300	AW558935	TC201626	glucosidase I	Mm.28188
0	0	AW556524	TC161752	null	Mm.89706
68365	60721	AW556577	TC194457	null	null
81004	117618	AW556642	TC175887	angiotensinogen precursor	Mm.8854
113368	131543	AW556709	TC186934	cyclin I	Mm.22711
2973	3537	AW556537	TC204530	null	Mm.63468
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0	0	AW556679	TC167216	null	null
144748	139488	AW556716	null	null	null
202643	197796	AW557499	TC159520	SOCS box-containing WD protein	Mm.28489
62093	48954	AW557567	TC174455	null	Mm.29107
51493	58405	AW557653	TC188108	ORC4-related protein	Mm.21834
26005	30412	AW557713	TC201930	null	Mm.26709
197433	225797	AW557518	TC211346	null	Mm.102831
878181	1582644	AW557584	TC159792	null	Mm.13944

12049	11039	AW557668	null	null	null
48373	67282	AW557733	null	null	null
21892	17719	AW558527	TC161063	thymic epithelial cell surface	Mm.29710
7193	8494	AW558596	null	null	null
138929	151022	AW558472	TC162333	zinc transporter 4; ZnT4	Mm.27801
34691	44272	AW558645	TC178493	null	Mm.84658
1054721	1714020	AW558546	null	null	null
68107	75690	AW558433	TC175702	null	Mm.28810
26439	27164	AW558483	TC177418	huntingtin	Mm.16554
29388	36999	AW558663	null	null	Mm.17871
7470	23798	AW556772	TC186679	null	Mm.28670
102203	85720	AW556850	null	null	null
85867	116260	AW556897	TC173975	unknown	Mm.13430
49159	49280	AW556943	TC161426	null	null
0	0	AW556862	null	null	null
6525	7408	AW556912	TC177452	null	Mm.76104
6446	6557	AW556951	null	null	null
196842	222329	AW557774	TC160907	null	Mm.21821
63680	62847	null	null	null	null
79535	95310	AW557872	TC202351	ankyrin repeat-containing prot	Mm.24331
15244	18900	AW557925	null	null	null
60220	48783	AW557791	null	null	null
102779	150615	AW557843	TC160186	null	Mm.27190
0	0	AW557883	TC183551	null	Mm.103261
29596	42189	AW557941	null	null	null
133173	150447	AW558720	TC188955	null	Mm.63456
54152	64356	AW558794	null	null	null
17337	25986	AW558857	TC188896	null	Mm.31995
50697	43947	AW558915	TC176072	epicardin	Mm.16497
150353	171523	AW558738	TC203369	null	Mm.26532
181146	233071	AW558810	TC201010	connexin 37 or connexin 37.6	Mm.24615
164845	168490	AW558875	TC163042	null	Mm.9671
70188	94881	AW558941	TC172917	null	null
18822	14187	AW556525	TC191276	null	Mm.47702
35147	61139	null	null	null	null
9675	11350	AW556657	null	null	Mm.38891
61831	71518	AW556710	TC160613	C1 inhibitor	Mm.38888
43985	61462	AW556539	TC187123	eIF3 p66	Mm.3955
19113	30352	AW556593	TC163414	null	Mm.27219
21230	27452	null	null	null	null
27775	34887	AW556717	TC189951	HCNGP	Mm.3899
1135568	1243507	AW557500	TC174381	null	Mm.30177
328945	385788	AW557573	TC186638	null	Mm.2875
1216441	1450809	AW557655	TC188854	IgD B-cell receptor-associated	Mm.4236
177402	219422	AW557715	TC202402	null	Mm.32860
27594	31676	AW557525	TC211259	null	Mm.103244
404436	471282	AW557595	TC159891	heterogenous nuclear ribonucle	Mm.2115
187647	172181	AW557669	TC174632	null	Mm.22374
491910	598353	AW557734	TC200860	null	Mm.28277
30574	40797	AW558531	TC175519	null	Mm.52275
27613	33685	AW558598	TC181294	null	Mm.63281

187007	246763	AW558476	TC160140	fertilization antigen-1; FA-1	Mm.29504
24597	25242	null	null	null	null
17155	18248	AW558552	TC189515	null	Mm.17096
9893	12874	AW558437	TC174527	null	Mm.29997
98084	122851	AW558484	null	null	null
25107	23257	AW558664	TC201831	null	Mm.62982
13516	14190	AW556778	TC160170	transcobalmin II	Mm.20948
7738	6642	AW556852	TC203063	null	Mm.21537
17223	23884	AW556898	TC175581	p50b	Mm.2183
6159	8720	AW556944	null	null	Mm.103208
0	0	AW556797	TC202774	null	Mm.22040
18901	22502	AW556863	TC187623	intersectin-EH binding protein	Mm.10754
121857	121833	AW556914	null	null	null
15405	16903	AW556953	TC202042	null	Mm.29985
0	0	AW557780	TC189655	G gamma protein	Mm.45263
301515	332715	AW557839	TC173676	null	Mm.24499
210689	308618	AW557873	TC173958	Ino4 protein	Mm.110
57338	71818	AW557927	TC160141	Ubc7p homolog	Mm.29352
0	0	AW557795	null	null	Mm.103254
164456	190938	AW557845	TC202501	putative protein phosphatase t	Mm.28965
16131	24001	AW557885	null	null	null
103763	124598	AW557943	TC173569	proteasome subunit X	Mm.8911
22163	27256	AW558723	TC202585	null	Mm.41724
58215	65284	AW558796	TC189045	null	Mm.41042
47384	60251	null	null	null	null
47952	62753	AW558920	TC159029	null	Mm.35829
50348	45817	AW558739	null	null	null
31412	37582	AW558815	null	null	null
44919	49102	AW558876	TC203114	null	Mm.29656
64880	69010	AW558944	TC191670	tesmin-2	Mm.56287
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0	0	AW989899	null	null	null
14251	17218	AA615319	null	null	null
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12582	11036	AI158649	null	null	null
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32132	39012	BE533424	null	null	null
38081	42734	BE534962	null	null	null
15529	29661	BE368338	null	null	null
79528	92674	BE377558	null	null	null
20241	18090	BE534455	null	null	null
135960	113684	BE532617	null	null	null
285291	283665	M86720	null	null	null
389775	379234	AF191028	null	null	null
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419197	145044	null	null	null	null
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3503	6264	AW475515	null	null
9926	11729	AW240360	null	null
0	0	AI314900	null	null
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88780	102445	AW743042	null	null
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80454	75910	BE382155	null	null
41454	61973	AI265129	null	null
303293	207193	BE380850	null	null
287188	495829	BE381647	null	null
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3179	7915	AA537197	null	null
0	0	AA919841	null	null
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0	0	AW913418	null	null
10864	12920	AA619146	null	null
0	0	AI006999	null	null
8450	7308	AI573516	null	null
0	0	BE133987	null	null
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203206	369616	BE375850	null	null
46063	49224	BE534755	null	null
21899	43590	BE533270	null	null
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93784	88372	BE375862	null	null
71878	77161	BE534463	null	null
96563	165938	BE533494	null	null
194518	193560	M86720	null	null
337255	322999	AF191028	null	null
470647	191994	null	null	null
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10699	8021	null	null	null
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29399	39374	AI317252	null	null
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9994	16955	AW475623	null	null

34182	51400	AW610707	null	null	null
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18985	23933	AW107006	null	null	null
17591	22338	AW012453	null	null	null
12918	7837	AW743159	null	null	null
56621	39376	BE380506	null	null	null
297731	423084	BE382292	null	null	null
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48991	49729	BE380717	null	null	null
31062	25210	BE382089	null	null	null
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3604	6600	AA914358	null	null	null
33540	34164	AI877334	null	null	null
5961	11599	AW823520	null	null	null
9146	8640	AA615765	null	null	null
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47274	38173	AI573509	null	null	null
0	0	BE133889	null	null	null
56946	71290	BE369037	null	null	null
42948	43574	BE375970	null	null	null
150162	118035	BE534768	null	null	null
45935	46714	BE533285	null	null	null
62324	74270	BE371592	null	null	null
0	0	BE375839	null	null	null
37674	69862	BE532192	null	null	null
65326	87890	BE533593	null	null	null
253245	248791	M86720	null	null	null
425709	453057	AF191028	null	null	null
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507248	201080	null	null	null	null
7462	13725	null	null	null	null
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16397	11446	AI156803	null	null	null
0	0	AW018308	null	null	null
38570	34508	AW475707	null	null	null
16529	21190	AW496469	null	null	null
0	0	AI315523	null	null	null
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