

Min_inten	WT_inten	GB_acc	TIGR_TC	Role_guess	UniGene
241840	120781	AF159801	null	null	null
99367	48210	AF159803	null	null	null
45239	72653	X58149	null	null	null
461644	312303	U91966	null	null	null
916193	252452	AF168390	null	null	null
1125594	1661817	AF247559	null	null	null
987359	546210	X56062	null	null	null
399242	85904	AF198054	null	null	null
113521	90592	AI838353	TC190235	null	Mm.20332
85475	59978	AI835341	TC159795	null	Mm.34246
32936	25434	AI836148	TC162029	null	Mm.21814
90950	60663	AI835376	TC160090	epididymal secretory protein	Mm.29454
20260	17028	AI835491	TC205226	null	Mm.31336
0	0	AI835355	TC205891	null	Mm.22978
80946	82621	AI836154	TC187501	eIF3-p44	Mm.30080
29280	14420	AI835382	TC201576	paralemmin	Mm.34650
91054	122988	AI836959	TC201177	null	Mm.3037
99627	72600	AI837008	TC204328	ARF5	null
8698	6664	AI838477	TC192401	null	Mm.23175
0	0	AI836065	null	null	Mm.39117
0	0	AI836968	TC200144	alpha-actinin	Mm.29991
0	0	AI838420	TC200460	null	Mm.22577
33894	31771	AI835993	null	null	null
7741	6723	AI836072	null	null	Mm.39118
433014	232658	AF159801	null	null	null
52503	24185	AF159803	null	null	null
0	0	X58149	null	null	null
452034	248908	U91966	null	null	null
1596221	384276	AF168390	null	null	null
1211612	1693424	AF247559	null	null	null
731560	419579	X56062	null	null	null
3187835	633102	AF198054	null	null	null
199924	166812	AI835524	TC201674	null	Mm.20274
264207	185859	AI835727	TC174086	null	Mm.28018
558245	382742	AI835907	TC173186	non-muscle myosin light chain	Mm.3328
136401	89245	AI835957	TC203042	null	Mm.41188
13263	20764	AI835546	TC161790	TDAG51	Mm.3117
63864	45685	AI835745	TC170501	null	Mm.41141
18084	14629	AI835920	TC162571	I47	Mm.4884
0	0	AI835964	TC175052	null	Mm.6793
32693	21556	AI836095	TC176694	null	Mm.41814
47560	36115	AI836772	null	null	Mm.39123
375578	298072	AI836804	TC159832	proteasome subunit C2	Mm.30097
618519	382573	AI836827	TC188337	null	Mm.28712
60141	51322	AI836101	TC186934	cyclin I	Mm.22711
10985	11842	AI840315	TC203506	platelet glycoprotein Ib beta	Mm.20365
0	0	AI836811	TC204903	null	Mm.40058
78380	80934	AI840336	TC175959	null	Mm.41536
30862	13150	AF159801	null	null	null
65051	28356	AF159803	null	null	null

55079	77253	X58149	null	null	null
194499	98846	U91966	null	null	null
1489204	338783	AF168390	null	null	null
1051174	1481047	AF247559	null	null	null
754233	407442	X56062	null	null	null
75673	15128	AF198054	null	null	null
0	0	AI836342	TC190970	mHuC-L	Mm.3477
161486	134326	AI835344	TC173682	null	Mm.28725
0	0	AI836149	null	null	null
151312	114932	AI835377	TC174101	null	Mm.30028
74748	71093	AI835492	TC199927	null	Mm.31435
6976	3528	AI835986	null	null	null
0	0	AI835572	TC192055	null	Mm.40192
674682	457809	AI835385	TC159810	lactate dehydrogenase	Mm.26504
89716	116402	AI836960	null	null	Mm.41872
312036	209470	AI837011	TC200930	phosphatidylinositol transfer	Mm.3128
6049	7092	AI838479	TC173884	null	null
40903	44683	AI836066	TC174782	Nucleosome assembly protein 1-	Mm.2831
0	0	AI836973	TC164754	null	Mm.40311
243803	207016	AI838428	null	null	Mm.40763
56259	43632	AI835995	TC177825	null	Mm.23114
20122	6937	AI836074	TC165075	null	Mm.44094
409869	224761	AF159801	null	null	null
76322	31755	AF159803	null	null	null
86053	152215	X58149	null	null	null
1533943	833290	U91966	null	null	null
1245413	317480	AF168390	null	null	null
952411	1396517	AF247559	null	null	null
416399	225287	X56062	null	null	null
2637716	524457	AF198054	null	null	null
13005	14903	AI835528	TC162980	null	Mm.34412
114654	110780	AI835731	TC186637	ryudocan core protein	Mm.3815
279793	320701	AI835909	TC159537	ribosomal protein S3	Mm.4696
42597	35814	AI835958	TC162231	null	Mm.3445
23421	23786	AI835548	TC176486	null	Mm.36523
253473	202896	AI835749	null	null	null
28103	23505	AI835922	TC157991	null	Mm.35707
42988	34937	AI835965	TC160681	null	Mm.22353
20392	17937	AI836096	TC177835	glial fibrillary acidic protei	Mm.5716
218787	200831	AI840311	null	null	Mm.40098
0	0	AI840324	TC205803	null	Mm.40741
158866	99488	AI836829	TC174656	protein kinase type II regulat	Mm.27046
0	0	AI836102	TC191755	null	Mm.44232
608976	314961	AI840316	null	null	null
271004	310219	AI840326	null	null	Mm.42960
10777	10767	AI840337	null	null	null
237315	128329	AF159801	null	null	null
29199	8694	AF159803	null	null	null
9857	21380	X58149	null	null	null
312144	166370	U91966	null	null	null
1348323	296652	AF168390	null	null	null

771715	1235876	AF247559	null	null	null
926879	514032	X56062	null	null	null
361727	80746	AF198054	null	null	null
14826	9121	AI836344	TC161427	null	Mm.28160
52627	60807	AI835983	TC163662	null	Mm.11346
37956	33957	AI836151	TC161911	null	Mm.28164
23022	21724	AI835378	TC178410	null	Mm.41362
0	0	AI836349	TC190365	null	Mm.6144
119883	108792	AI835359	TC158858	null	Mm.25393
251910	192716	AI835575	null	null	Mm.39111
11158	19512	AI835386	TC209382	null	Mm.44621
0	0	AI836962	null	null	null
118244	94413	AI838406	null	null	null
26812	21411	AI838481	TC160809	null	Mm.21881
25826	19464	AI836067	TC188246	Fus1 protein	Mm.21739
82294	53302	AI836976	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
22710	11980	AI838424	null	null	Mm.40404
0	0	AI835996	TC178862	null	Mm.40738
41048	32880	AI836075	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
139886	74775	AF159801	null	null	null
53394	25463	AF159803	null	null	null
0	0	X58149	null	null	null
820930	472590	U91966	null	null	null
991668	243395	AF168390	null	null	null
932107	1436668	AF247559	null	null	null
496085	282546	X56062	null	null	null
3422523	650981	AF198054	null	null	null
56916	59157	AI835531	TC188455	null	Mm.41558
52506	48450	AI835733	TC161019	small zinc finger-like protein	Mm.22201
466500	360938	AI835910	TC159548	calmodulin	Mm.18041
65379	68838	AI835959	TC174431	null	Mm.30184
0	0	AI835551	TC202066	null	null
233182	224617	AI835750	TC163683	null	Mm.41359
167500	126850	AI835924	TC200741	signal recognition particle su	Mm.2233
124773	130820	AI835967	TC201195	arylhydrocarbon receptor	Mm.4452
174225	142401	AI836097	null	null	Mm.40053
14423	16239	AI836774	TC175173	null	Mm.27520
10738	9767	AI836807	TC174649	null	Mm.39985
189050	92657	AI836830	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
18590	11384	AI836104	TC175373	intracellular hyaluronan-bindi	Mm.40989
8087	6553	AI836782	TC202829	neuroglycan C	Mm.38496
19882	15908	AI840328	null	null	Mm.41299
0	0	AI836837	TC162145	voltage-dependent calcium chan	Mm.3544
419999	237375	AF159801	null	null	null
49682	26283	AF159803	null	null	null
300989	509376	X58149	null	null	null
219092	126193	U91966	null	null	null
1580556	392172	AF168390	null	null	null
1470828	2202491	AF247559	null	null	null
1659555	954066	X56062	null	null	null
798544	173620	AF198054	null	null	null

189293	136753	AI836346	TC174088	null	Mm.28018
608220	652294	AI835347	TC159944	tropomyosin 5	Mm.17306
47968	47857	AI836152	TC175329	null	Mm.22189
43326	43241	AI835379	TC175706	cancer associated surface anti	Mm.41436
0	0	AI835314	TC177502	cyclin dependent kinase 5 regu	Mm.136
79821	52933	AI835361	TC188923	c-fms protein precursor (AA -1	Mm.22574
16490	12504	AI835576	TC191333	null	Mm.39312
0	0	AI836170	TC187670	MYLE protein	Mm.41091
17321	14619	AI836964	TC201336	GS15	Mm.34315
17817	15911	AI838407	null	null	Mm.15571
67268	66355	AI838482	TC173504	HP1 alpha protein	Mm.28003
289301	236588	AI836068	null	null	Mm.39762
0	0	AI836977	TC173556	null	Mm.542
29145	11655	AI838435	TC190041	null	Mm.34087
14241	10447	AI835998	TC187718	cbp37	Mm.22327
0	0	AI836076	TC162982	vesicular inhibitory amino aci	Mm.7444
688041	416568	AF159801	null	null	null
120080	48710	AF159803	null	null	null
57978	89722	X58149	null	null	null
1063283	585789	U91966	null	null	null
1599991	415018	AF168390	null	null	null
1133579	1813091	AF247559	null	null	null
1322501	766991	X56062	null	null	null
2999293	659168	AF198054	null	null	null
133893	140126	AI835541	TC203165	null	Mm.40601
27119	22159	AI835735	TC170503	null	Mm.40733
36189	32104	AI835916	TC187105	null	Mm.42949
26647	32856	AI835960	null	null	Mm.38994
22068	18354	AI835555	TC204762	null	Mm.39311
71997	49959	AI835751	TC175971	unnamed protein product	Mm.44229
718676	795938	AI835929	TC199907	elongation factor 2	Mm.4968
64996	78868	AI835968	TC160224	null	Mm.3069
384814	296414	AI836098	null	null	null
710905	572210	AI840312	null	null	null
125395	86938	AI840325	TC186490	null	Mm.16783
154180	120565	AI840335	null	null	Mm.39154
31162	32740	AI836106	TC188187	null	Mm.18819
426863	431952	AI836784	TC173371	HRS	Mm.43331
143245	134743	AI840329	null	null	Mm.9621
56499	46417	AI836839	TC175398	null	Mm.41420
159738	99341	AF159801	null	null	null
75663	27236	AF159803	null	null	null
15376	21820	X58149	null	null	null
93862	59736	U91966	null	null	null
1149979	280690	AF168390	null	null	null
842901	1376045	AF247559	null	null	null
793493	467478	X56062	null	null	null
1172477	265846	AF198054	null	null	null
123119	149136	AI836347	TC159528	alpha-tubulin	Mm.4591
24449	14820	AI835353	TC176027	serine/threonine protein kinas	Mm.2981
39474	46744	AI836153	TC187239	null	Mm.28286

222050	107450	AI835380	TC173404	succinate dehydrogenase lp sub	Mm.29141
94189	118294	AI835315	TC200132	null	Mm.22723
0	0	AI835371	TC161008	Msx-interacting-zinc finger pr	Mm.42495
0	0	AI836158	TC162492	E2F-5	Mm.379
11195	7414	AI835388	TC174483	null	Mm.24652
0	0	AI836965	TC173553	Mlark	Mm.542
59129	49336	AI838412	TC186991	null	Mm.27818
40797	25841	AI835990	TC189380	null	Mm.41580
117440	70547	AI836069	null	null	null
51488	34558	AI836978	TC189951	HCNGP	Mm.3899
44641	29742	AI838436	TC186653	peroxisomal membrane protein 2	Mm.30215
0	0	AI835999	TC196189	null	Mm.67028
354966	249564	AI836077	TC188760	null	Mm.38347
361128	216266	AF159801	null	null	null
166741	77730	AF159803	null	null	null
454601	750388	X58149	null	null	null
1696977	926078	U91966	null	null	null
2087085	478790	AF168390	null	null	null
1218555	1785961	AF247559	null	null	null
907975	557397	X56062	null	null	null
3083694	689548	AF198054	null	null	null
240812	264039	AI835542	null	null	Mm.39511
307874	396031	AI835737	TC173134	ribosomal protein L18	Mm.41923
334965	365179	AI835917	TC173700	null	Mm.22244
298712	290259	AI835962	null	null	Mm.22660
181079	164211	AI835556	null	null	Mm.39512
48702	30524	AI835752	null	null	null
1220453	983542	AI835930	null	null	null
127500	85699	AI835592	TC159977	null	Mm.24108
426086	469622	AI836099	TC173252	translation repressor NAT1	Mm.525
64955	63968	AI836777	null	null	null
95544	107150	AI836808	TC159878	Id2 protein	Mm.1466
228385	210433	AI836832	TC187002	capping protein beta-subunit,	Mm.2945
163691	147811	AI836107	null	null	Mm.39119
90675	66399	AI836786	TC174865	complement subcomponent C1Q A	Mm.370
28077	15076	AI836812	TC174505	null	Mm.29829
11624	6620	AI836840	TC188760	null	Mm.40734
528955	349839	AF159801	null	null	null
295036	161230	AF159803	null	null	null
315780	563689	X58149	null	null	null
1755496	1059480	U91966	null	null	null
2278070	568415	AF168390	null	null	null
906074	1433114	AF247559	null	null	null
1649902	1061780	X56062	null	null	null
623834	164678	AF198054	null	null	null
83234	75867	AI836348	TC200632	null	Mm.28910
63905	57031	AI835985	TC201742	null	Mm.45776
93186	112384	AI835570	TC200921	null	Mm.38010
1262580	1765818	AI835381	TC159524	ribosomal protein L5	Mm.4419
0	0	AI835316	TC164478	null	Mm.39109
45814	35170	AI836130	TC175930	SSeCKS	Mm.27481

1049787	1357006	AI836160	TC160021	null	Mm.68735
146309	154655	AI835395	TC157770	neural specific sr protein NSS	Mm.10229
13081	10253	AI836966	TC202176	null	Mm.760
109524	89777	AI838414	TC162019	null	Mm.6952
0	0	AI835992	TC163021	null	Mm.34074
53883	38529	AI836071	TC202846	null	Mm.27296
52183	46309	AI836979	TC173202	CCTtheta, theta subunit of the	Mm.36792
0	0	AI838442	null	null	Mm.40078
147677	85600	AI836001	TC173565	unnamed protein product	Mm.29945
0	0	AI836078	TC204929	inward rectifier potassium cha	Mm.4273
314380	178175	AF159801	null	null	null
123152	37160	AF159803	null	null	null
297209	538960	X58149	null	null	null
1953180	1123469	U91966	null	null	null
1630738	398344	AF168390	null	null	null
671967	1016421	AF247559	null	null	null
770974	474665	X56062	null	null	null
36459	15629	AF198054	null	null	null
29393	20545	AI835545	TC176138	null	Mm.41350
198611	168849	AI835741	null	null	null
45881	58859	AI835918	TC191706	null	Mm.41820
34854	37655	AI835963	TC187484	PIAS3	Mm.1635
65095	58559	AI835700	TC157427	null	Mm.29888
252990	151768	AI835755	TC189517	IGIF precursor polypeptide	Mm.1410
74081	71056	AI835931	TC173917	I3 protein	Mm.2585
1341867	2101667	AI836186	TC159569	ribosomal protein L3	Mm.3486
27448	30465	AI836100	TC160507	null	Mm.28052
0	0	AI836780	TC159907	null	Mm.34578
22548	26704	AI836810	TC161180	null	Mm.40708
32781	30600	AI836834	TC187200	null	null
0	0	AI836108	TC192169	null	Mm.40194
41732	32807	AI836787	TC203401	null	Mm.39711
59073	57347	AI836813	TC179744	null	Mm.40748
0	0	AI836841	TC158174	GABA-A receptor-associated pro	Mm.30064
29584	23125	AI836658	TC201594	COQ7 protein	Mm.20634
0	0	AI836361	TC192249	null	Mm.44097
35985	25850	AI836416	TC161710	null	Mm.21067
0	0	AI837050	TC175397	apoptosis associated tyrosine	Mm.6826
102817	81832	AI836666	null	null	null
18549	12262	AI836374	TC200460	null	Mm.22577
0	0	AI836865	TC181161	null	Mm.44102
299794	240128	AI837058	null	null	Mm.40751
113262	82012	AI838039	TC159545	heat shock protein 65	Mm.1777
110769	81834	AI838101	TC202777	null	Mm.34600
16345	18011	AI838163	TC159712	mouse RNA polymerase I 40kD su	Mm.41491
0	0	AI838216	TC200572	subtilisin/kexin isozyme SKI-1	Mm.29791
20695	21993	AI838055	TC160193	null	Mm.38438
72909	64212	AI838117	TC187824	62 kDa subunit of TFIIH	Mm.22700
0	0	AI838174	TC188633	null	Mm.22623
1061335	589115	AI838226	null	null	null
0	0	AI838978	TC196346	null	Mm.39331

65308	37758	AI838733	null	null	Mm.39327
33954	27919	AI838775	TC157927	null	Mm.21657
12958	8458	AI841653	null	null	null
13464	11376	AI838986	TC174644	cerebellar leucine rich acidic	Mm.22717
17621	14121	AI838744	TC162351	null	Mm.41779
57937	42478	AI838788	TC186693	null	Mm.6072
14526	28220	AI841665	TC158961	membrane-type matrix metallopr	Mm.19945
15724	18853	AI837849	TC175792	null	Mm.43499
0	0	AI837961	TC169476	null	Mm.40759
0	0	AI838025	TC179408	null	Mm.39129
0	0	AI837419	TC177068	null	Mm.46213
350590	225479	AI837859	TC187202	null	Mm.29828
30547	33071	AI837970	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
0	0	AI837379	TC173844	null	Mm.27435
12320	10652	AI837434	TC175971	unnamed protein product	Mm.40066
26746	18112	AI838276	TC202479	null	Mm.40762
19716	10111	AI838326	TC159800	null	Mm.22708
84459	76700	AI838572	TC188411	null	Mm.39477
43616	42010	AI838624	TC186669	Sec61	Mm.28375
54965	52014	AI838289	TC182560	null	Mm.68864
361822	267892	AI838336	TC158232	sulfated glycoprotein	Mm.3363
112028	110900	AI838583	null	null	null
68727	67012	AI838634	TC174718	ubiquitin-specific processing	Mm.40986
79157	84951	AI839117	TC174356	null	Mm.26537
260788	154839	AI839156	TC173412	p68(beta ig-h3)	Mm.14455
251467	119939	AI840451	TC160325	CD98 heavy chain	Mm.4114
192441	103408	AI839307	null	null	Mm.39336
17690	10730	AI839123	TC189867	null	Mm.41506
88155	75328	AI839168	TC160602	null	Mm.41265
0	0	AI840468	TC207041	null	Mm.39155
19125	7806	AI839315	TC181043	null	Mm.39545
0	0	AI836659	TC163626	null	Mm.40262
1659855	986194	AI836363	TC200017	thyroid hormone binding protei	Mm.16660
85168	90425	AI837019	TC199921	null	Mm.40068
78380	59866	AI837051	TC189245	null	Mm.29190
19706	9316	AI836668	null	null	Mm.39316
25390	16880	AI836376	TC164303	null	Mm.40031
0	0	AI837031	TC192091	null	Mm.41117
26564	25155	AI837059	TC202229	null	Mm.25547
15077	16011	AI838042	null	null	Mm.39777
17566	10216	AI838103	TC191456	null	Mm.41674
62594	43787	AI838164	TC203329	null	Mm.34858
16970	16173	AI838217	TC187021	null	Mm.4471
71512	45368	AI838056	TC187262	null	Mm.28422
60795	74701	AI838128	TC189493	epidermal surface antigen	Mm.3840
13492	6857	AI838176	null	null	Mm.40075
53458	18501	AI838228	TC175045	leukemia/lymphoma related fact	Mm.20920
18016	20978	AI838979	TC204290	null	Mm.42932
83436	49196	AI838735	TC188265	null	Mm.18634
0	0	AI838776	TC168404	null	null
13683	20407	AI841654	TC187476	serpentine receptor	Mm.13799

0	0	AI838708	TC200940	null	Mm.21187
76588	170092	AI838745	null	null	Mm.40767
19234	8881	AI841611	TC203460	null	Mm.9868
11395	6044	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
310295	162973	AI837860	TC200103	cytochrome c oxidase subunit V	Mm.360
725260	619537	AI837976	TC158911	ribophorin	Mm.22130
330661	246431	AI837380	TC160456	null	Mm.37395
31418	25590	AI837436	TC191769	null	null
55688	91701	AI838277	TC202153	Net	Mm.4454
92759	69218	AI838328	null	null	null
444656	470373	AI838575	null	null	Mm.40081
151401	126987	AI838628	TC175452	null	Mm.29508
321428	230472	AI838290	TC200588	null	Mm.29778
45420	48776	AI838337	TC186882	null	Mm.42855
35862	17174	AI838584	TC189819	null	Mm.57466
438121	458476	AI838635	TC159890	mPRL-2	Mm.6355
389838	357413	AI839118	TC157213	Histone H1.4	Mm.22570
129692	121921	AI839158	TC173087	null	Mm.35812
80141	90628	AI840454	TC199903	c-myc binding protein MM-1	Mm.836
0	0	AI839309	TC164643	null	Mm.39785
312025	339714	AI839125	TC200021	null	Mm.43749
56491	46152	AI839173	null	null	Mm.39143
255742	317507	AI840469	TC186399	ribosomal protein S8	Mm.3381
45077	47671	AI839319	TC194290	null	Mm.41094
0	0	AI836662	TC173464	null	Mm.19825
59343	44273	AI836364	TC175973	null	Mm.40452
83729	86757	AI836864	TC176538	brain factor-1	Mm.4704
43886	70274	AI837052	TC188296	null	Mm.24707
7588	5516	AI836669	TC174720	null	Mm.41638
13645	14173	AI836378	TC210039	null	null
48915	39236	AI836866	TC189513	null	Mm.35674
0	0	AI837061	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
64443	57962	AI838043	null	null	null
12934	5489	AI838104	TC164913	null	Mm.39532
8409	5326	AI838165	TC210040	null	null
1096620	604622	AI838219	null	null	Mm.40401
0	0	AI838057	TC176657	null	Mm.41118
852775	576860	AI838129	null	null	Mm.40761
0	0	AI838178	TC200267	V-1 protein	Mm.4143
21418	13018	AI838230	TC204897	rap1/rap2 interacting protein	Mm.1426
14843	12970	AI838980	TC161462	preprocathepsin K	Mm.3109
43951	23110	AI838739	TC210346	null	Mm.44008
28461	16809	AI838780	TC205819	null	Mm.45423
139319	135170	AI841659	TC189301	procollagenase	Mm.5022
51219	53485	AI838709	TC202067	spermatid perinuclear RNA bind	Mm.18034
84550	63471	AI838747	TC158331	filamin	Mm.28044
210099	124437	AI841614	TC200316	H2-IE-beta precursor	Mm.22564



0	0	AI841675	TC202932	null	Mm.41733
128369	100617	AI837851	TC182858	null	Mm.40338
0	0	AI837963	TC200558	chloride ion current inducer p	Mm.21482
406320	346238	AI837370	null	null	null
2485296	1628103	AI837425	TC157592	E25B protein	Mm.4266
134982	128117	AI837863	null	null	Mm.40757
23184	19891	AI837982	TC174688	null	Mm.32794
73823	54005	AI837382	TC175278	unnamed protein product	Mm.28198
0	0	AI841538	TC187828	null	Mm.41009
108038	132057	AI838282	TC199919	null	Mm.22774
5987	5269	AI838331	null	null	Mm.42430
10831	11461	AI838576	TC203351	null	Mm.54506
106233	119344	AI838630	TC173688	null	Mm.2815
0	0	AI838291	TC201770	homeobox protein	Mm.3869
47861	27646	AI838338	null	null	Mm.40402
43965	36886	AI838586	TC203183	null	Mm.23065
10933	9992	AI838636	TC177315	null	Mm.27795
9902	17557	AI839119	TC187603	null	Mm.36906
0	0	AI839161	TC176568	null	Mm.30766
20562	22336	AI840455	TC190292	null	Mm.41083
122452	131827	AI839310	TC161876	null	null
398844	431102	AI839126	null	null	Mm.39544
93299	90615	AI839174	TC188538	tripeptidyl-peptidase ii	Mm.28867
0	0	AI840470	null	null	null
85319	72319	AI839320	null	null	Mm.39147
49335	36603	AI836663	TC187474	PxF protein	Mm.29198
14132	11054	AI836366	TC176783	null	Mm.44095
442703	323948	AI837026	null	null	Mm.39525
0	0	AI837054	TC210053	null	null
42460	31905	AI836671	null	null	null
67795	47918	AI836380	TC165687	null	Mm.39121
524663	520205	AI836867	TC187468	Bcl-2-binding protein	Mm.688
23388	19932	AI837062	TC159086	null	Mm.29482
66259	51317	AI838049	TC202102	null	Mm.29342
45410	40407	AI838105	null	null	null
0	0	AI838169	TC176450	dynamin	Mm.16080
26123	27861	AI838220	TC200442	GAPIII	Mm.18517
18141	12876	AI838058	TC181128	null	Mm.40399
117250	101813	AI838132	TC173109	ADAM23	Mm.39533
132219	102527	AI838188	TC158429	null	Mm.41272
93504	82585	AI838238	null	null	null
29248	28297	AI838982	TC174714	null	Mm.28030
31307	32948	AI838740	TC162203	null	Mm.41622
25908	27187	AI838782	TC208916	null	Mm.976
177286	154294	AI841660	TC161437	null	Mm.38804
167553	190204	AI838711	TC173803	PKCq-interacting protein PICOT	Mm.29675
16438	18961	AI838750	TC191239	null	null
88849	89330	AI841616	null	null	Mm.39163
77958	89529	AI841677	TC186809	null	Mm.27606
109353	122356	AI837853	TC200541	null	Mm.29135
0	0	AI837964	null	null	Mm.43078

0	0	AI837371	TC174375	null	Mm.29909
0	0	AI837427	TC158386	null	Mm.40802
217562	187327	AI837865	TC203677	null	Mm.33133
0	0	AI837984	TC162367	null	Mm.41915
54992	43006	AI837386	null	null	Mm.40392
0	0	AI841545	null	null	Mm.40793
262815	308794	AI838284	null	null	Mm.39132
49241	55797	AI838332	TC187547	null	Mm.34184
37820	28181	AI838577	TC190425	null	Mm.39062
23718	23631	AI838631	TC203743	null	Mm.34792
542210	554662	AI838292	TC186556	null	Mm.41742
49710	34636	AI838339	TC190623	null	Mm.23099
51010	50454	AI838589	TC187878	TF-1 apoptosis related protein	Mm.21650
136788	115300	AI838637	TC160130	null	Mm.3871
68102	54687	AI839120	TC179960	null	Mm.54534
85946	72287	AI839162	TC200101	null	Mm.28626
46769	46435	AI840458	TC175597	null	Mm.29721
150120	122408	AI839311	null	null	Mm.4479
66110	100949	AI839129	TC186648	phosphodiesterase I/nucleotide	Mm.28107
0	0	AI839175	TC174778	null	Mm.29964
25262	27622	AI840472	null	null	Mm.40102
747173	515260	AI839322	null	null	null
0	0	AI836664	TC163821	null	Mm.41508
67608	46576	AI836367	TC158337	tapasin	Mm.4975
35188	28172	AI837028	TC160637	null	Mm.41297
0	0	AI836872	TC201236	null	Mm.28753
0	0	AI836676	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
0	0	AI836381	TC159654	gamma-actin	Mm.29913
0	0	AI837033	null	null	Mm.16820
0	0	AI836873	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
0	0	AI838050	TC162479	null	Mm.41248
51568	63928	AI838113	TC161899	null	Mm.41775
38621	62111	AI838171	TC161095	valyl-tRNA synthetase	Mm.28420
0	0	AI838222	TC187127	FK-506 binding protein homolog	Mm.6565
0	0	AI838060	TC160885	null	null
0	0	AI838133	TC175798	cornichon-like protein	Mm.3123
0	0	AI838189	TC190815	null	Mm.41291
16784	20557	AI838251	null	null	Mm.39534
35407	26342	AI838983	TC200361	glutathione-S-transferase homo	Mm.282
0	0	AI838741	TC160232	platelet-activating factor ace	Mm.24199
0	0	AI838783	TC162970	null	null
0	0	AI841663	TC200642	null	Mm.28600
0	0	AI838713	TC202411	null	Mm.12715
29940	29620	AI838753	TC161624	null	Mm.27500
0	0	AI841619	TC158341	null	Mm.27700
39835	24264	AI841678	TC162538	null	Mm.14787
403991	367224	AI837854	TC202008	null	Mm.28195
989450	881700	AI837967	null	null	Mm.40398
124550	111151	AI837373	TC201672	null	Mm.23940
0	0	AI837431	TC188233	Rab24 protein	Mm.18800
50844	39001	AI837866	null	null	null

109327	71602	AI837992	TC204994	null	Mm.37524
38021	34348	AI837387	null	null	null
0	0	AI841550	TC160961	null	Mm.23869
78063	76370	AI838286	TC160615	bmi-1	Mm.7719
0	0	AI838333	null	null	Mm.39133
30898	32295	AI838580	TC159015	interferon-g induced GTPase	Mm.33902
190951	126460	AI838632	TC200172	null	Mm.7884
83944	68184	AI838293	TC161915	null	Mm.29072
100269	120015	AI838340	null	null	null
195852	207421	AI838590	TC200630	COP9 complex subunit 4	Mm.957
0	0	AI838638	TC180989	tyrosine kinase	Mm.2536
0	0	AI839121	null	null	null
202265	197828	AI839164	TC173318	null	Mm.18688
41930	32529	AI840464	TC162732	null	Mm.36756
17323	20878	AI839313	TC175996	NG38	Mm.36675
70964	78804	AI839130	TC173127	Gh/tissue transglutaminase	Mm.18843
757412	459010	AI839176	TC159876	glutamine synthetase	Mm.41660
35444	31285	AI840482	TC174964	null	Mm.1795
226617	214465	AI839323	null	null	null
23239	10318	AI836665	null	null	Mm.40387
72948	57023	AI836373	TC175177	null	Mm.28694
123725	103386	AI837029	TC189237	reticulocalbin	Mm.4876
49581	46606	AI837057	TC163991	null	null
366283	311541	AI836677	null	null	null
143066	148026	AI836386	TC196363	null	null
0	0	AI837035	TC175520	null	Mm.39715
161027	196650	AI837065	TC160186	null	Mm.27190
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61326	57458	AI838115	TC176522	null	Mm.18506
53761	40516	AI838172	null	null	null
59134	39528	AI838225	TC204626	null	Mm.41484
0	0	AI838062	TC192258	null	Mm.29280
232692	213405	AI838135	null	null	Mm.40400
40180	17871	AI838190	TC205171	null	Mm.32934
157996	166740	AI838253	null	null	Mm.40076
54035	135595	AI838985	TC200994	CIRP	Mm.17898
37517	92606	AI838742	TC173957	unknown protein	Mm.17392
293023	252253	AI838784	TC173427	null	Mm.5885
119445	205486	AI841664	TC186563	null	Mm.3797
28388	31721	AI838714	null	null	null
24610	17287	AI838754	TC202621	insulin-like growth factor bin	Mm.21373
59119	55917	AI841622	null	null	Mm.40795
81746	68348	AI841681	TC174701	null	Mm.29408
196016	140106	AI837858	TC202570	protein kinase C beta-II (AA 1	Mm.4182
0	0	AI837969	TC188436	null	Mm.30489
56299	42526	AI837378	null	null	null
18570	10895	AI837432	TC162196	asc1	Mm.35567
0	0	AI837869	TC159923	small EDRK-rich factor 2	Mm.1106
0	0	AI837996	TC162849	GRP1-associated scaffold prote	null
0	0	AI837388	TC176620	null	null
0	0	AI841551	TC204523	kinesin family protein KIF1a	Mm.4762

0	0	AI838288	TC179162	null	null
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48640	51033	AI838581	TC162348	null	Mm.29046
70402	55054	AI838633	TC161196	null	Mm.38789
499259	662475	AI838295	TC159792	null	Mm.13944
83125	83795	AI838341	TC200694	null	Mm.41652
418759	302942	AI838591	TC159560	cytoskeletal beta-actin	Mm.297
19207	19932	AI838641	TC175543	arf-like protein 2	Mm.21071
102982	57514	AI839122	TC200956	flavin-containing monooxygenas	Mm.976
259814	219527	AI839167	null	null	null
71092	65320	AI840465	TC204369	null	Mm.40703
145588	154329	AI839314	TC173795	null	Mm.24855
245353	225647	AI839134	null	null	Mm.16820
0	0	AI839177	TC178647	null	Mm.3819
78173	74472	AI840484	TC174573	null	Mm.29099
181193	222627	AI839324	TC200160	null	Mm.26956
0	0	AI839716	TC163342	null	null
39061	30555	AI839764	TC187479	null	Mm.18539
358058	324599	AI839572	TC173471	phospholipase C-alpha	Mm.709
0	0	AI839953	TC201789	Meis3	Mm.4710
358813	305562	AI839723	null	null	Mm.40092
22787	16233	AI839775	TC160700	null	Mm.27269
52162	34133	AI839579	TC203964	chromogranin A	Mm.4137
5486	4834	AI839966	null	null	null
42299	33232	AI837073	TC173957	unknown protein	Mm.41472
18439	16010	AI837128	TC176215	null	Mm.20703
319489	237000	AI837248	null	null	null
0	0	AI837244	null	null	null
210192	189732	AI837089	null	null	Mm.39526
25640	21235	AI837138	TC200308	BTEB-1 transcription factor	Mm.19788
0	0	AI837275	TC176298	null	Mm.34308
115532	128328	AI837294	TC187526	null	Mm.24327
290399	348107	AI841020	null	null	Mm.188
126586	107582	AI840561	TC157231	ENO2	Mm.3913
29436	23027	AI840605	TC187071	null	Mm.24341
0	0	AI840663	TC173309	protein-tyrosine kinase substr	Mm.584
21397	18583	AI840515	null	null	null
101201	90617	AI840578	TC189344	receptor interacting protein 1	Mm.20895
30200	29450	AI840620	TC188837	null	Mm.36034
548066	342505	AI840673	TC173114	ARL-6 interacting protein-1	Mm.29924
24985	20140	AI840003	TC182838	null	null
256649	188646	AI840267	TC187598	null	Mm.25161
583375	274997	AI841963	null	null	Mm.40116
0	0	AI840037	TC161073	selenoprotein R	Mm.28212
329704	438055	AI840232	TC159707	SPARC (aa 1-302)	Mm.35439
248327	208048	AI840276	TC201528	null	Mm.27768
36466	18141	AI840011	null	null	null
965669	484262	AI840354	TC174054	null	Mm.30158
18478	10458	AI837333	TC175792	null	Mm.43499
24245	20745	AI837616	TC191685	null	Mm.39463
33475	24329	AI837649	TC163740	null	Mm.23573

0	0	AI839232	TC205392	null	Mm.23897
50251	40480	AI837343	TC200873	null	Mm.29047
66693	62942	AI837627	TC160807	MNUDC protein	Mm.69
197671	196467	AI837657	TC159750	null	Mm.20946
66223	52393	AI839252	TC173800	Fc receptor (FcRn)	Mm.3303
208316	184889	AI840693	null	null	Mm.39343
120041	81956	AI834764	TC181290	null	Mm.41549
100636	102580	AI834844	TC199895	null	Mm.3111
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20883	17558	AI840702	TC203448	null	Mm.20298
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209297	165067	AI841153	TC161289	null	Mm.40789
275925	163838	AI841203	null	null	Mm.39161
150885	97702	AI839718	TC161877	null	Mm.27579
52961	25753	AI839766	TC160409	null	Mm.44202
0	0	AI839581	TC204194	porcupine-B	Mm.41749
40617	24010	AI839954	TC175010	null	Mm.34046
91221	84544	AI839725	TC187989	MHC H-2K/t-w5-linked ORF precu	Mm.18556
16413	11861	AI839777	null	null	Mm.15571
6012	6588	AI839580	TC204217	null	Mm.37750
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75076	58659	AI837076	TC165186	null	Mm.40606
39004	32644	AI837129	null	null	Mm.42563
194317	112819	AI837259	TC200950	null	Mm.21501
18447	13501	AI837287	TC186868	qkl-7	Mm.2655
13807	8273	AI837091	null	null	Mm.40062
10154	6085	AI837142	TC176694	null	Mm.41814
17152	11947	AI837285	TC175071	2P1 protein	Mm.45204
56672	46630	AI837298	TC176723	null	Mm.33003
250909	194532	AI841022	TC200713	null	Mm.39157
26677	27147	AI840562	TC190581	null	Mm.39794
113774	86264	AI840606	TC174547	ATP-dependent metalloprotease	Mm.23335
0	0	AI840665	TC179801	null	null
23454	21638	AI840518	TC176268	null	Mm.41908
58578	35405	AI840579	TC173617	serine racemase	Mm.19015
33080	24998	AI840621	TC166415	null	Mm.40783
489912	296196	AI840674	null	null	Mm.42432
198568	125961	AI840008	TC202124	pericentriolar material-1	Mm.28192
347213	401745	AI840270	TC160140	fertilization antigen-1; FA-1	Mm.29504
638520	471194	AI841966	TC186553	AMP activated protein kinase	Mm.6670
41902	31635	AI840039	TC202415	null	Mm.22094
78038	66250	AI840233	TC200918	K+ channel beta-1 subunit	Mm.1438
568206	547620	AI840277	TC186422	murine valosin-containing prot	Mm.18921
832897	632655	AI840013	TC187206	null	Mm.28883
411416	422133	AI840360	null	null	Mm.40099
133389	123880	AI837334	TC187877	null	Mm.608
37251	31401	AI837617	null	null	null
44005	36903	AI837652	null	null	Mm.40397
213784	169064	AI839237	null	null	Mm.39333
75677	64119	AI837346	null	null	Mm.39127
52314	42773	AI837630	TC200341	null	Mm.24387

12569	10808	AI837658	TC188245	nervous system-specific RNA bi	Mm.34904
207654	164429	AI839257	TC182795	null	Mm.39146
234617	188450	AI840695	null	null	Mm.39795
62044	53838	AI834765	TC174314	lysyl hydroxylase 1	Mm.40714
215698	177954	AI841147	TC188087	null	Mm.28121
15125	18119	AI841193	TC158944	null	Mm.28982
20828	20991	AI840703	null	null	Mm.2632
140516	97683	AI834778	TC173244	angiotensin II AT2 receptor-in	Mm.28951
115590	99853	AI841154	TC200779	G9A	Mm.28155
69455	41977	AI841207	TC196558	null	Mm.20117
722457	444208	AI840048	TC175389	TOM1	Mm.1967
74875	76094	AI839767	TC202342	null	Mm.23176
113751	86606	AI839582	TC157686	BAP37	Mm.36241
48701	30420	AI839956	TC161467	null	Mm.38211
555853	325329	AI840050	TC200622	short coiled coil protein SCOC	Mm.24763
0	0	AI839779	TC174986	null	Mm.39548
103087	119742	AI839586	TC188072	null	Mm.38854
454883	414115	AI839968	null	null	null
33960	22655	AI837079	TC179367	null	Mm.40752
27873	22371	AI837130	TC201733	null	Mm.39038
25629	18554	AI837260	TC188126	null	Mm.22594
18925	12349	AI837288	TC190884	null	Mm.24919
54910	52156	AI837092	TC176235	null	Mm.38993
48837	32986	AI837146	TC200974	null	Mm.35449
16013	14988	AI837214	TC175718	null	Mm.4714
612575	426714	AI837299	TC158506	573K1.1.2 (gamma-aminobutyric	Mm.32191
95607	62844	AI841023	null	null	null
98999	68797	AI840564	null	null	null
73682	59418	AI840607	TC188673	CD53	Mm.30351
195105	119902	AI840666	TC159441	medium-chain acyl-CoA dehydrog	Mm.10530
64816	52936	AI840522	TC158667	neural cell adhesion molecule	Mm.4974
17930	16188	AI840580	null	null	Mm.39156
35538	29371	AI840624	TC189502	null	Mm.35302
587730	378098	AI840632	TC202818	null	Mm.27241
30807	17969	AI840009	TC165538	null	Mm.41819
22799	16597	AI840271	TC205288	netrin-1 precursor	Mm.39095
44191	28375	AI841967	TC200932	null	Mm.24870
1142607	788438	AI840041	TC175810	null	Mm.23094
76009	47890	AI840235	null	null	Mm.29926
27204	25178	AI840282	TC200804	null	Mm.18959
249144	181746	AI840014	TC159542	myelin basic protein	Mm.2992
286803	199451	AI840361	TC157377	null	Mm.40423
1021586	536636	AI837335	null	null	null
10143	5786	AI837618	TC190694	null	Mm.40151
117727	120554	AI837653	TC200166	cAMP-dependent protein kinase	Mm.30039
482077	570106	AI839241	TC200170	cellular nucleic acid binding	Mm.7335
51501	51271	AI837348	null	null	Mm.39528
183022	169128	AI837632	null	null	null
10472	14498	AI839198	TC181143	null	Mm.41467
452381	292079	AI839261	TC158927	null	Mm.44226
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55841	60732	AI834767	TC201203	null	Mm.33343
15025	16155	AI841149	null	null	Mm.39559
90008	68577	AI841195	TC164616	thromboxane A2 receptor	Mm.4545
136420	101280	AI840704	TC193225	null	Mm.41039
54739	36822	AI834782	TC174058	Mus musculus AbISH3 binding pr	Mm.1531
217656	193211	AI841156	null	null	null
910808	695212	AI841209	TC200457	clathrin-associated AP-2 compl	Mm.18946
141572	87366	AI839719	TC161641	null	Mm.28924
24582	19215	AI839768	TC157644	coproporphyrinogen oxidase	Mm.35820
44828	40957	AI839583	TC159194	ICAD-S	Mm.41433
20524	16402	AI839959	TC177861	null	Mm.39551
38591	38095	AI839804	TC162067	null	Mm.18268
16467	11508	AI839783	TC163900	D3	Mm.4880
51021	43343	AI839587	TC174024	p19 protein	Mm.29020
27435	20654	AI839969	TC189038	MmZW10	Mm.24791
113398	81589	AI837082	TC188885	null	Mm.33338
101769	82861	AI837134	TC200370	null	Mm.30204
85906	69779	AI837264	TC188200	null	Mm.29624
28470	25805	AI837290	TC188346	null	Mm.24671
23511	33472	AI837094	TC165357	null	Mm.22970
28785	15896	AI837147	TC203170	vacuolar protein sorting homol	Mm.2582
334075	215550	AI837217	null	null	null
142295	108278	AI837302	TC173621	null	Mm.21356
36107	35977	AI841030	TC204652	null	Mm.41313
101232	93326	AI840565	TC186619	Sm-B protein	Mm.4205
675474	403506	AI840610	null	null	null
162060	141765	AI840667	TC188032	COPI coatomer complex, beta su	Mm.27327
903847	460985	AI840523	null	null	Mm.40782
77149	56345	AI840581	TC164347	null	Mm.31199
37582	35598	AI840625	TC190672	null	Mm.17573
185859	158673	AI840633	TC177192	null	Mm.38021
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808072	676898	AI841968	null	null	null
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663059	711662	AI840364	TC179551	null	null
27445	29225	AI837336	null	null	Mm.40063
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190092	157445	AI839264	null	null	null
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180395	163295	AI834768	TC189902	null	Mm.38806
203365	165989	AI841150	TC187399	null	Mm.29866
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140960	109090	AI841157	null	null	Mm.298
40348	38232	AI841210	TC175575	null	Mm.28988
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137042	97136	AI839962	TC200060	malate dehydrogenase	Mm.3156
0	0	AI839806	TC160851	potassium channel modulatory f	Mm.29194
0	0	AI839784	TC176156	null	Mm.34598
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81623	111260	AI839975	TC160182	null	Mm.22467
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36361	28121	AI837136	null	null	null
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89891	97428	AI840617	null	null	null
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277736	216896	AI840634	TC177481	PACSN	Mm.4926
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1597031	1214356	AI840284	TC186497	aldehyde reductase	Mm.30085
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301291	246282	AI839202	null	null	null
846496	555615	AI839265	null	null	Mm.39334
574796	317946	AI840700	null	null	Mm.19189
76947	91723	AI834770	TC161662	null	Mm.25581
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189286	216219	AI841197	TC201776	null	Mm.44151
110483	103206	AI840707	null	null	null
596484	469924	AI834784	null	null	Mm.40728
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68392	45541	AI841212	TC162789	unnamed protein product	Mm.20324
757156	708321	AI839722	TC159831	null	Mm.42256
66250	90077	AI839774	TC160206	null	Mm.30161
120133	107769	AI839578	TC173358	null	Mm.7091
90982	66524	AI839964	TC165191	class I MHC-restricted T cell	Mm.42791
193809	183603	AI839807	null	null	null
165406	140896	AI839785	null	null	null
126909	119150	AI839592	TC201423	null	Mm.41856
57588	45787	AI839976	TC194141	null	null
80061	71250	AI837084	TC186892	null	Mm.29369
73918	50128	AI837137	TC160854	null	Mm.20353
616561	646671	AI837271	null	null	Mm.39527
383618	338452	AI837293	TC186854	null	Mm.1479
273599	283736	AI837099	TC158967	null	Mm.28873
63744	39176	AI837159	TC164200	null	null
169735	205137	AI837221	TC200132	null	Mm.22723
78677	82292	AI837311	TC161048	null	Mm.28527
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45016	42066	AI840575	null	null	Mm.39556
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190672	166009	AI840671	null	null	null
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76117	66586	AI840583	TC160584	stromal cell protein	Mm.645
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734911	627507	AI841971	TC193340	null	Mm.40436
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258513	184797	AI840239	TC175365	null	Mm.24603
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120730	108020	AI840369	TC175812	secretogranin III	Mm.2386
34767	46013	AI837338	TC157630	lysosomal alpha-glucosidase	Mm.4793
68895	43522	AI837624	TC169496	null	Mm.40395
151421	117240	AI837656	TC173561	Proline synthetase associated	Mm.10433
25758	24851	AI839250	TC194681	null	Mm.39145
591555	738491	AI837363	TC159785	null	Mm.2050
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375859	353971	AI839203	null	null	null
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392639	329589	AI840701	TC186880	null	Mm.30012
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62379	57055	AI840710	TC202931	null	Mm.38813
54935	52444	AI834785	TC188976	unnamed protein product	Mm.41634
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709625	507833	AI841215	null	null	Mm.40433
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28334	19377	AI843395	TC174717	ubiquitin specific protease 16	Mm.27510

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138040	120565	AI842531	TC159185	null	Mm.46530
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49744	43790	AI843260	TC161253	null	Mm.22543
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20923	14270	AI843721	TC202738	null	Mm.21308
67502	72276	AI843083	TC202871	apoptotic protease activating	Mm.20836
21433	20232	AI843132	null	null	Mm.40134
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0	0	AI843141	TC160610	null	Mm.27969
77066	69866	AI845747	TC188344	ZO-1	Mm.4342
17044	10040	AI843414	TC176118	null	Mm.29125
367939	325446	AI843477	TC187273	clathrin adaptor protein mu3A	Mm.3256
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55886	46184	AI843491	TC202915	MEK kinase 4a	Mm.28587
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31152	24213	AI845474	null	null	Mm.42654
134959	96226	AI845521	TC180005	null	Mm.40827
80801	151702	AI846732	TC201548	gamma-glutamyl hydrolase precu	Mm.20461
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34640	33638	AI843591	TC160469	null	Mm.29106
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102149	70112	AI843599	null	null	Mm.39574
77582	49184	AI843276	TC186573	null	Mm.25586
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24788	22471	AI845764	null	null	Mm.40160
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66095	73256	AI843178	TC159985	cerebellum postnatal developme	Mm.33875
299187	237200	AI843216	TC174310	acid sphingomyelinase-like pho	Mm.2379
20948	19738	AI843852	TC191416	null	Mm.39834
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75938	64696	AI843190	TC195203	null	Mm.33374
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49015	34128	AI843435	null	null	null
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24555	14763	AI843224	TC157237	null	Mm.34189
23471	16895	AI843863	TC182724	null	Mm.39181
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39051	31479	AI843409	TC158940	Sid6061p	Mm.25198
108435	80171	AI842535	TC160032	P311	Mm.4919
59716	86602	AI842576	TC187886	TWIK-1 K+ channel	Mm.10800
28108	27534	AI843593	null	null	Mm.39829
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135772	133359	AI843305	TC201530	mCAC	Mm.29666

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61232	51890	AI845446	TC173930	null	Mm.29869
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18426	16436	AI843146	TC174443	null	Mm.34645
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131483	96865	AI845532	TC160543	null	Mm.43040
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127090	97546	AI846787	TC188199	null	Mm.24383
504505	664614	AI845491	TC199898	microsomal glutathione S-trans	Mm.14796
69652	74140	AI845541	TC195748	null	null
28296	17906	AI846748	null	null	null
344597	304183	AI846795	null	null	null
22840	17536	AI843180	TC160275	null	Mm.41588
87205	74450	AI843219	TC207608	null	Mm.44624
51305	57084	AI843855	TC198663	null	null
40008	35765	AI843890	null	null	Mm.40816
225600	164813	AI843192	TC175662	null	Mm.39364
171791	145463	AI843230	TC204411	null	Mm.31525
55333	49633	AI843864	TC162218	type II phosphatidylinositolph	Mm.21518
34078	24160	AI843899	TC160221	NSD1 protein	Mm.12964
0	0	AI843358	TC189037	null	Mm.1915
132468	166899	AI843400	TC165190	null	Mm.29272
19336	17301	AI842529	TC162092	null	null
0	0	AI842563	TC205256	null	Mm.29616
18809	15346	AI843373	TC200195	null	Mm.31800
87947	71220	AI842497	TC202119	null	Mm.9864
0	0	AI842537	TC158970	null	Mm.25364
541156	276954	AI842580	null	null	null
30242	24345	AI843596	TC190576	null	Mm.41534
0	0	AI843268	null	null	null
0	0	AI843306	TC211871	null	Mm.39826
34789	23244	AI845437	TC157231	ENO2	Mm.3913
15121	11009	AI843603	TC164432	null	null
60583	60838	AI843282	TC187645	alpha 2 (IV) collagen fragment	Mm.6954

51466	43162	AI843320	TC186412	null	Mm.6586
86995	64304	AI845447	TC187949	null	Mm.21440
0	0	AI843682	TC157780	null	Mm.25265
66831	69835	AI843729	null	null	Mm.41250
0	0	AI843095	TC189286	null	Mm.41101
122056	120189	AI843138	TC186597	synaptotagmin 4	Mm.2446
0	0	AI843689	TC158398	serine/threonine kinase	Mm.8901
194959	164617	AI843739	TC201777	transducin beta like 1	Mm.26802
0	0	AI843110	null	null	Mm.39823
0	0	AI843153	TC190034	null	Mm.27599
0	0	AI845759	TC208607	null	Mm.40829
0	0	AI843424	TC201021	null	Mm.28521
0	0	AI843486	TC194320	null	null
134579	119987	AI842618	TC165573	zinc finger DNA-binding protei	Mm.44137
48356	30473	AI845768	TC203741	membrane-type-4 matrix metallo	Mm.42047
704290	594726	AI843446	TC200644	null	Mm.27339
241685	183411	AI842590	TC169514	null	null
184705	156375	AI842633	TC203754	alphaA-CRYBP1	Mm.4808
0	0	AI845479	TC186794	null	Mm.27357
35754	40327	AI845533	TC203525	null	Mm.41010
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33563	22943	AI845542	TC200983	null	Mm.27509
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256658	359278	AI846797	TC159009	tropomodulin 3	Mm.38445
11202	18047	AI843182	TC189227	null	Mm.24021
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214370	223562	AI843900	null	null	null
222558	229106	AI843361	TC209983	null	null
314404	218993	AI843401	TC201348	null	Mm.27182
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141433	147493	AI842564	TC159865	X16	Mm.28732
108679	99277	AI843374	TC189449	null	Mm.41084
20203	21227	AI842500	TC175500	null	Mm.40833
324078	272532	AI842538	TC174147	PA28 alpha subunit	Mm.830
32107	19570	AI842581	null	null	null
148688	134270	AI843597	TC176853	null	Mm.4614
90298	49219	AI843271	TC184811	null	null
52654	39349	AI843307	null	null	Mm.40137
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132169	96804	AI843604	TC203559	null	Mm.44191
277948	184877	AI843284	TC159426	retinoid X receptor interactin	Mm.3776
123294	92630	AI843323	TC177072	latent TGF-beta binding protei	Mm.3900
1078610	694767	AI845449	TC189126	null	Mm.794
291571	325707	AI843683	TC190266	null	Mm.31890

150300	159289	AI843731	TC158834	unnamed protein product	Mm.20877
21783	18302	AI843096	TC161051	F3 preprotein (AA -20 to 1000)	Mm.40264
0	0	AI843139	TC177609	protein kinase C epsilon	Mm.12808
214719	178255	AI843690	null	null	null
228273	134373	AI843740	TC162466	null	Mm.31066
27853	23538	AI843112	TC188245	nervous system-specific RNA bi	Mm.46667
39113	38148	AI843154	TC181522	null	Mm.33730
111964	101855	AI845760	null	null	null
20081	11911	AI843425	null	null	Mm.39827
48538	36155	AI843490	TC182745	null	Mm.40451
162808	107448	AI842619	TC202734	null	Mm.40282
183436	202332	AI845773	TC174403	null	Mm.14569
734441	488240	AI843448	TC200542	null	Mm.29823
498944	371136	AI842591	TC182828	null	Mm.67030
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33476	24448	AI845480	TC169459	null	null
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82297	74435	AI846740	TC187721	DPM2	Mm.22001
34037	19741	AI846791	TC182755	null	Mm.67037
38872	39259	AI845500	TC188977	null	Mm.24592
35137	23696	AI845545	TC205222	null	Mm.41647
0	0	AI846750	null	null	null
174775	140091	AI846798	TC163208	null	Mm.28865
62537	47371	AI843187	TC174743	unnamed protein product	Mm.41198
97569	69376	AI843221	TC204562	null	Mm.41871
91123	103936	AI843858	TC204320	null	Mm.41351
83180	77180	AI843892	TC161912	null	Mm.28371
73458	51730	AI843194	TC200643	putative membrane associated p	Mm.9052
247669	200447	AI843236	TC160729	FT1 protein	Mm.28027
34291	37352	AI843866	TC190500	null	Mm.41388
20707	20138	AI843901	TC161842	null	Mm.227
18639	10245	AI846314	TC208350	ancient conserved domain prote	Mm.39388
28953	17382	AI846368	TC173503	null	Mm.15351
7477	6249	AI842858	TC187199	null	Mm.28327
34275	33312	AI842902	TC191073	null	Mm.33937
168291	185736	AI846329	TC176705	neurotensin receptor 3	Mm.44118
92397	117306	AI846382	TC186893	null	Mm.21707
33212	35049	AI842867	TC189985	null	Mm.28779
24721	19571	AI843751	TC174684	spermidine synthase	Mm.10
396466	333383	AI846707	TC173646	beta prime coatomer protein	Mm.18729
24094	27544	AI846136	null	null	Mm.40479
33684	27155	AI846150	TC201679	tumor-rejection antigen SART3	Mm.29594
80916	97870	AI846851	TC160724	null	Mm.34512
5808	4162	AI846719	TC192597	null	Mm.33313
28845	21389	AI842154	TC163654	null	Mm.40803
9938	23300	AI842171	TC174192	heme oxygenase (AA 1-289)	Mm.17980
342841	304302	AI846864	TC159697	MTP	Mm.30071
133007	140491	AI834956	TC157610	CCT (chaperonin containing TCP	Mm.398
35500	32748	AI834983	TC189711	null	Mm.30866
16225	10601	AI835017	TC167173	null	null
74023	60558	AI842447	TC196384	null	Mm.40441

26876	20621	AI834962	TC187161	null	Mm.10633
7426	2614	AI834995	null	null	Mm.39309
0	0	AI842420	TC182822	null	Mm.40804
11939	11624	AI842459	TC175472	pro-alpha2(XI) collagen	Mm.20230
43248	38512	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
0	0	AI839499	TC203275	rho7	Mm.33801
1176590	994626	AI839535	TC181593	null	Mm.40415
218603	131145	AI839442	null	null	Mm.39788
93848	138966	AI839017	TC174365	null	Mm.30041
142859	120610	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
201469	180273	AI839548	null	null	Mm.40089
0	0	AI839455	null	null	null
90152	84034	AI847899	TC158267	null	Mm.27472
11419	13303	AI847924	TC178676	null	Mm.33501
52287	35330	AI847967	TC159653	OSF-3	Mm.412
99984	78426	AI847225	null	null	null
0	0	AI847906	TC189001	null	Mm.640
56681	52760	AI847939	TC159731	phosphatidylethanolamine bindi	Mm.16784
0	0	AI847976	TC173060	enhancer of rudimentary homolo	Mm.21952
28983	28946	AI847236	TC161406	GTPase RaIB	Mm.27832
104041	114980	AI842492	TC160536	null	Mm.28952
10778	6755	AI842342	TC185376	null	Mm.63866
16794	12669	AI842349	TC191308	null	null
254923	164282	AI846203	null	null	null
13974	6453	AI842313	TC192040	null	Mm.35088
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15746	12880	AI846155	TC162580	flt-1	Mm.3464
16254	15351	AI846211	TC190398	null	Mm.41644
51140	31634	AI846315	TC189533	null	Mm.29063
217505	152331	AI846370	TC200501	initiation factor 2-associated	Mm.19170
120392	129025	AI842860	null	null	null
161065	187174	AI843746	null	null	null
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1415085	815456	AI846385	TC176308	Rab23 protein	Mm.40644
14238	22966	AI842868	TC174939	SETA	Mm.38525
11631	9955	AI843752	TC202397	neurofilament polypeptide	Mm.1956
213235	217590	AI846708	TC173347	null	Mm.22333
120413	72291	AI842147	TC159784	surfeit 4 protein	Mm.2795
53963	61638	AI846151	TC174867	phosphorylated adaptor for RNA	Mm.21244
7400	5483	AI846852	TC169444	null	null
17978	14476	AI846720	TC177202	null	Mm.7124
32519	27890	AI842155	null	null	Mm.39167
13853	8539	AI846811	TC190416	null	Mm.24485
0	0	AI846865	null	null	Mm.40846
48667	50789	AI834957	TC200835	ATP-dependent RNA helicase	Mm.3935
241675	230901	AI834984	TC158960	null	Mm.19945
144971	178978	AI835019	TC161385	null	Mm.41164
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67080	60236	AI834963	TC178146	null	Mm.39710
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109385	82222	AI842422	TC164190	null	Mm.63735



37888	28414	AI842461	TC162682	null	Mm.40754
51204	36430	AI839009	TC200046	null	Mm.29902
114551	97912	AI839501	TC169526	null	null
961774	933807	AI839536	TC161141	null	Mm.14992
189719	201398	AI839445	null	null	null
264463	221097	AI839023	null	null	null
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72606	62290	AI839550	TC188066	null	Mm.40726
32222	37955	AI839461	TC165325	null	null
38133	39024	AI847900	TC186415	null	Mm.14245
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52426	51000	AI847969	TC158348	null	Mm.28466
23287	27694	AI847226	TC165373	null	null
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150543	186161	AI847977	TC162436	gankyrin	Mm.40507
38180	21362	AI847237	TC201054	dynactin subunit p25	Mm.27270
106167	111732	AI842307	TC175971	unnamed protein product	Mm.44229
29297	28642	AI842275	TC174864	null	Mm.21470
5510	3398	AI842351	TC188950	null	Mm.27682
38672	29698	AI846204	TC206311	null	Mm.40304
11025	9541	AI842314	TC201339	null	Mm.30083
41257	28844	AI842284	TC161314	beta-catenin-interacting prote	Mm.41537
17142	9311	AI846164	TC182781	null	Mm.68830
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12796	7554	AI846317	null	null	null
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96887	107694	AI842861	TC202091	null	null
187952	162546	AI843747	TC173642	null	Mm.24397
349636	219540	AI846334	TC205802	null	null
44135	28592	AI846390	TC200172	null	Mm.7884
11736	6671	AI842871	TC192342	null	Mm.43096
66982	64364	AI843753	TC174064	null	null
0	0	AI846711	TC188261	null	Mm.31395
16460	11903	AI842148	null	null	null
23801	14964	AI846152	TC187605	myocyte-enriched calcineurin i	Mm.56
12904	10668	AI846855	null	null	Mm.41878
61371	44512	AI846721	TC187348	forkhead protein FKHR1	Mm.29891
115081	106782	AI842156	TC200768	hypothetical protein	Mm.43017
40727	31202	AI846812	TC174921	null	Mm.27662
161270	132460	AI846866	TC160909	SH3P2	Mm.4165
96755	88941	AI834958	TC198529	null	Mm.44509
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82010	86391	AI842134	TC205185	null	Mm.29366
25073	23485	AI834998	null	null	null
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11582	12337	AI839539	TC202591	null	Mm.35843
72161	54403	AI839447	TC158458	null	Mm.38248
68114	58014	AI839025	null	null	Mm.25311
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7700	7566	AI847240	TC200980	null	Mm.27548
383807	240983	AI842308	TC175140	null	Mm.10200
14290	9782	AI842276	TC205615	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.39087
17445	22414	AI842352	TC202028	centrin	Mm.24643
20049	17261	AI846205	TC176807	null	Mm.40713
189893	158893	AI842317	TC187001	capping protein beta subunit,	Mm.2945
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41349	37797	AI846215	TC189595	null	Mm.28374
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87786	134767	AI846392	TC173757	SYNCRIP	Mm.27303
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24330	28188	AI846153	TC204385	null	Mm.41740
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25262	21373	AI846140	null	null	null
36827	31473	AI846816	TC187829	null	Mm.28577
20975	16417	AI846867	TC203726	null	Mm.33882
21713	16225	AI834959	TC174676	Kex2 homologue	Mm.1247
27352	16734	AI834987	TC196183	null	null
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271516	236281	AI839014	TC202701	null	Mm.41897
165189	168687	AI839506	TC161329	Sac1 protein	Mm.45214
46103	38486	AI839541	null	null	Mm.40088
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688197	527994	AI847909	TC188838	null	Mm.25661
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88069	75719	AI847198	TC200445	telomerase binding protein p23	Mm.22421
146364	99760	AI847242	TC188308	unnamed protein product	Mm.28584
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234397	233789	AI842277	TC187088	null	Mm.29254
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0	0	AI842318	TC189475	null	Mm.22025
64927	48866	AI842288	TC191258	null	null
28687	37566	AI846166	TC179645	null	Mm.27013
13291	13665	AI846216	TC189651	null	Mm.41601
43102	37107	AI846322	TC166560	null	null
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28569	21555	AI846717	TC204332	null	Mm.40490
98823	115783	AI842151	null	null	null
28540	22628	AI846154	TC188245	nervous system-specific RNA bi	Mm.46667
0	0	AI846859	TC208393	null	Mm.39772
546003	385178	AI846076	TC190437	null	Mm.40710
62647	96315	AI846142	TC160751	null	Mm.22031
59055	68937	AI846822	TC180911	null	Mm.5902
87012	75414	AI846868	null	null	null
25478	34921	AI834960	TC161938	null	Mm.27851
71983	35527	AI834990	null	null	null
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18376	19310	AI842457	TC192076	null	Mm.40699
47998	59411	AI834966	TC180648	null	Mm.44620
177428	162458	AI835001	TC187923	tryptophan--tRNA ligase	Mm.38433
160716	158357	AI842428	TC174241	null	Mm.29213
0	0	AI842466	null	null	Mm.39819
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117957	104222	AI839508	TC202845	null	Mm.41269
34224	27707	AI839542	TC201546	null	Mm.34798
37488	39932	AI839452	null	null	null
455065	322061	AI834852	TC199923	ribosomal protein S19	Mm.22103
140619	105520	AI839516	null	null	null
129869	121571	AI839392	TC200405	null	Mm.24174
995316	906279	AI839689	TC161389	unnamed protein product	Mm.28911

49276	40815	AI847904	TC187519	golgi SNARE	Mm.22114
144677	139589	AI847937	TC204669	leukotriene C4 synthase	Mm.4088
24723	26178	AI847973	TC201538	null	Mm.26773
20794	26252	AI847232	TC159067	null	Mm.21906
175688	133185	AI847910	TC158329	null	Mm.35269
71329	73884	AI847944	TC159106	vesicle associated membrane pr	Mm.10699
233009	194898	AI847202	TC175698	null	Mm.34914
48382	42757	AI847243	TC201731	APOBEC-2 protein	Mm.27822
0	0	AI842310	null	null	null
38837	31985	AI842279	TC186998	putative	Mm.193
0	0	AI842356	TC173851	null	Mm.12823
32795	34998	AI846207	null	null	null
121700	93684	AI842319	TC201641	null	Mm.30869
31432	17867	AI842290	TC173999	albumin gene D-Box binding pro	Mm.3459
136749	98542	AI846167	TC179925	null	Mm.40341
34204	69201	AI846217	TC179320	null	Mm.39602
186418	188881	AI846328	TC174483	null	Mm.41919
25314	14260	AI846380	TC189501	null	null
123750	70437	AI842866	TC189252	null	Mm.46011
36870	44786	AI843750	TC189526	tumor protein D53	Mm.7821
622402	537301	AI846339	TC200761	profilin (AA 1-140)	Mm.2647
270459	232354	AI846395	TC188118	null	Mm.38016
110094	110116	AI842875	TC162119	null	Mm.27908
0	0	AI843757	TC186955	null	Mm.41791
107604	83068	AI846718	TC177481	PACSIN	Mm.4926
917141	541417	AI842153	TC204920	null	Mm.41323
378428	294701	AI842169	null	null	Mm.42571
91377	70765	AI846861	TC187546	SKD2	Mm.1117
0	0	AI846077	TC201867	cytohesin 3	Mm.19065
261152	230919	AI842158	TC202121	mCASK-A	Mm.10735
33075	53351	AI846824	TC175118	null	Mm.26632
30877	25742	AI846869	null	null	Mm.8856
40135	46983	AI834961	TC173373	null	Mm.22575
20753	22630	AI834991	TC182622	null	Mm.40043
39733	33355	AI842418	null	null	Mm.40121
851971	595935	AI842458	null	null	null
174687	145731	AI834967	TC188855	Sid10750p	Mm.30201
86439	78668	AI835002	TC176948	null	Mm.40472
64506	72286	AI842429	TC176022	null	Mm.41447
22679	18438	AI842467	TC201151	null	Mm.28573
176190	178958	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
204476	142743	AI839509	TC188049	Dcra	Mm.7472
44068	37725	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
1265680	991009	AI839453	TC165868	null	Mm.40314
52092	38224	AI834854	null	null	Mm.39104
65320	59541	AI839517	TC161124	null	Mm.34711
85610	79942	AI839394	TC177986	null	Mm.32422
80179	57261	AI839690	TC157760	null	Mm.25034
136818	112863	AI847905	TC200946	ISOT	Mm.3571
165515	172222	AI847938	TC179040	null	Mm.30848
264465	151627	AI847975	TC175904	null	Mm.41020

39912	36877	AI847233	TC176550	null	Mm.28698
114415	114547	AI847911	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
113949	123454	AI847945	TC189820	null	Mm.3409
70377	52265	AI847203	TC178069	null	null
364769	251206	AI847244	TC202205	null	Mm.9550
44467	66670	AI842311	TC160186	null	Mm.27198
407286	379628	AI842282	null	null	Mm.2621
27849	21891	AI842358	TC163052	K+ channel beta2 subunit	Mm.15512
0	0	AI846208	TC163909	null	Mm.40779
183883	158603	AI842320	TC157821	null	Mm.1190
44280	36106	AI842291	null	null	Mm.39356
167316	181965	AI846168	TC179974	null	Mm.67036
34659	16969	AI846220	TC178975	null	Mm.41645
431465	567852	AI847690	TC186429	ribosomal protein S4	Mm.66
35357	45938	AI847739	TC158292	null	Mm.7861
12857	11892	AI847084	TC200403	autocrine motility factor rece	Mm.34641
4266	3974	AI848312	TC183443	null	Mm.39998
6390	7580	AI847696	TC175032	null	Mm.41029
30578	38745	AI847055	TC204126	neuronal tyrosine threonine ph	Mm.39725
0	0	AI847095	TC189519	null	Mm.68943
0	0	AI848319	TC199445	null	null
158744	155474	AI848236	TC173960	null	Mm.28402
36155	30228	AI848263	TC191407	null	Mm.38576
29915	21821	AI848290	null	null	Mm.39868
13556	7835	AI848602	null	null	Mm.21906
51913	28064	AI848242	TC203725	null	Mm.40176
22034	21910	AI848270	TC202476	LR11	Mm.5396
46093	31896	AI848298	TC204211	null	Mm.11503
102826	108433	AI848609	TC200375	GTP-binding protein	Mm.6698
6397	10500	AI849320	TC173710	null	Mm.8569
23271	12588	AI849352	TC204069	null	Mm.63740
6597	8624	AI848822	TC202944	null	Mm.42972
12481	9847	AI848858	TC188834	null	Mm.41630
78859	69401	AI849328	TC201752	null	Mm.30137
656451	344272	AI849363	TC203524	voltage-gated sodium channel b	Mm.1418
0	0	AI848829	TC162219	null	Mm.39874
0	0	AI848870	TC161826	null	Mm.27167
1123617	711930	AI848342	TC158174	GABA-A receptor-associated pro	Mm.30064
7949	12769	AI848378	TC190110	null	Mm.32184
65146	41806	AI847994	TC158503	hepatoma-derived growth factor	Mm.40265
95835	69347	AI848036	TC176550	null	Mm.28698
184629	158624	AI848348	TC187563	null	Mm.33420
523046	446484	AI848389	TC200063	null	Mm.25074
202684	142743	AI848002	TC159946	null	Mm.13445
188171	123900	AI848051	TC205112	null	null
155823	128865	AI848676	TC160585	HCG-1 protein	Mm.21846
174328	129027	AI848706	TC175908	null	Mm.13758
6511	4660	AI849065	TC177242	null	Mm.45221
54608	59431	AI849104	TC160166	null	Mm.21811
36140	26700	AI848683	null	null	null
67032	60293	AI849034	TC161323	null	Mm.28777

75321	66878	AI849075	TC191154	null	Mm.34844
42022	34694	AI849116	TC188699	null	Mm.46552
126237	116683	AI849382	TC174272	125 kDa c-abl protein	Mm.1318
21824	11821	AI849434	TC202701	null	Mm.41897
21957	19842	AI848962	TC161647	null	Mm.40555
0	0	AI848994	TC191826	null	Mm.41345
35834	26026	AI849400	TC200773	FAN protein	Mm.3059
53624	38168	AI849443	TC205456	null	Mm.41744
93390	87175	AI848969	TC173399	unnamed protein product	Mm.831
8515	13771	AI849000	TC158961	membrane-type matrix metallopr	Mm.19945
63613	66316	AI847691	TC205884	null	Mm.61685
30549	27676	AI847049	TC191799	null	Mm.39965
268069	193157	AI847085	TC202108	null	Mm.34830
127411	147341	AI848313	TC160175	serine-threonine kinase recept	Mm.22584
72466	47045	AI847697	TC201394	null	Mm.29353
16973	10353	AI847059	TC187479	null	Mm.18539
25307	35512	AI847097	TC175762	null	Mm.23807
22199	22514	AI848323	TC186642	null	Mm.28586
14231	9523	AI848237	null	null	null
7592	8459	AI848264	TC190633	null	Mm.27120
35582	40127	AI848291	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
24608	19357	AI848603	TC204539	null	Mm.41402
49189	62174	AI848244	TC200027	brain expressed X-linked prote	Mm.22593
100851	50495	AI848272	TC163623	null	Mm.40359
33148	28083	AI848299	TC188208	null	Mm.29073
49032	38524	AI848610	TC189291	null	Mm.752
0	0	AI849321	TC174578	null	Mm.29793
111332	64330	AI849354	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.18618
6103	6885	AI848823	TC205341	null	null
6016	9694	AI848860	TC203468	null	Mm.41672
75863	59366	AI849329	TC189632	null	Mm.21914
23477	22757	AI849364	TC173766	null	Mm.30272
48927	42589	AI848830	TC186449	isocitrate dehydrogenase	Mm.2966
0	0	AI848873	null	null	null
224133	145817	AI848343	TC160608	SEC23B protein	Mm.28704
314714	211664	AI848381	TC160061	neuronal protein 15.6	Mm.30084
61679	45959	AI847996	TC188071	null	Mm.27043
247090	199416	AI848038	TC160457	null	Mm.41654
208493	131656	AI848349	TC201121	null	Mm.28679
286643	253611	AI848390	TC174933	null	Mm.41714
29296	24857	AI848003	TC188136	cell death activator CIDE-A	Mm.449
33712	33090	AI848052	TC202832	null	Mm.23711
140735	170963	AI848677	TC160388	transcription factor	Mm.925
416011	526439	AI848707	null	null	null
33401	21801	AI849067	TC200772	null	Mm.22485
12671	9716	AI849106	TC210671	null	null
677762	758461	AI848684	TC186432	beta-catenin	Mm.3476
120737	48240	AI849037	TC202688	LAT2 protein	Mm.27830
31731	21582	AI849076	TC175295	null	Mm.38795
358325	265367	AI844794	TC161240	null	Mm.34456
16950	12642	AI849383	TC187045	null	Mm.20354

25158	14873	AI849435	TC200483	null	Mm.30113
64721	41016	AI848963	TC202190	null	Mm.34488
12418	9230	AI848995	TC160928	synaptophysin	Mm.2397
0	0	AI849401	TC188099	null	Mm.34329
25417	19276	AI849444	TC201476	null	Mm.28546
132385	147269	AI848972	TC157843	cysteine string protein	Mm.29673
29969	26191	AI849001	TC186588	growth factor-induced protein	Mm.3765
33908	31908	AI847692	null	null	Mm.39202
89849	60806	AI847050	TC203801	null	Mm.23322
50864	30234	AI847088	TC160023	null	Mm.24213
41854	31251	AI848314	TC201926	null	Mm.23964
107703	97089	AI847698	TC158419	null	Mm.2632
12148	9359	AI847060	TC202643	null	Mm.36544
46259	47351	AI847098	TC157624	null	Mm.28339
25025	24513	AI848325	TC202026	null	Mm.21759
11085	5041	AI848238	TC202321	null	Mm.40681
95525	85783	AI848265	TC186542	null	Mm.27955
28578	26147	AI848293	TC176708	null	Mm.34507
97241	66701	AI848604	TC176517	null	Mm.39209
380865	193083	AI848245	TC200121	beta2-microglobulin precursor	Mm.163
25101	22357	AI848273	TC190863	null	Mm.30908
30040	27390	AI848300	TC213020	null	Mm.40866
44244	33650	AI848611	TC201885	Sir2alpha protein	Mm.38981
21939	17021	AI849322	TC177720	null	Mm.44059
9539	5458	AI849355	TC163921	null	Mm.41124
27005	20708	AI848824	TC163718	null	Mm.34263
14005	8376	AI848861	null	null	Mm.39211
97074	84954	AI849330	TC173466	null	Mm.30017
28838	24916	AI849365	TC165025	null	Mm.45697
0	0	AI848831	TC173942	null	Mm.28483
25845	19717	AI848874	TC175288	null	Mm.41804
73535	51569	AI848344	TC173520	null	Mm.29849
143172	137635	AI848382	TC200850	null	Mm.27496
124229	91023	AI847997	TC174286	null	Mm.24161
90833	81616	AI848040	TC200279	null	Mm.41699
223554	152256	AI848359	TC173641	null	Mm.30200
1256525	1007215	AI848391	TC157685	mouse 57-KD Calcium-binding p	Mm.1971
88727	72433	AI848006	TC188235	null	Mm.29385
86546	70384	AI848053	TC187287	null	Mm.30023
89534	117758	AI848679	TC173665	mammary transforming protein	Mm.544
53506	41324	AI848708	TC205059	null	Mm.39404
16394	13413	AI849069	TC188241	null	Mm.27917
13439	7510	AI849107	TC178306	null	Mm.41339
47355	34130	AI848685	TC161231	small zinc finger-like protein	Mm.21826
15276	7755	AI849040	TC187601	glycerol-3-phosphate dehydroge	Mm.41718
35977	38947	AI849078	TC159920	null	Mm.22225
85601	64165	AI844795	TC161063	thymic epithelial cell surface	Mm.29710
37925	33578	AI849387	TC157283	null	null
69241	53190	AI849437	TC201060	null	Mm.1608
21770	17742	AI848964	TC204803	null	Mm.31337
57271	51542	AI848996	TC161588	null	Mm.2830

23320	16283	AI849403	null	null	null
15825	13493	AI849445	TC190340	null	Mm.35452
13505	10205	AI848973	TC175224	null	Mm.29228
26330	16960	AI849002	TC188119	lysophospholipid receptor B1	Mm.982
664071	589654	AI847693	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
32727	39013	AI847051	TC202015	p34SEI-1	Mm.3323
6880	4835	AI847089	TC167230	null	null
16923	13980	AI848315	TC174692	null	Mm.41253
22834	20854	AI847699	TC191043	null	Mm.33785
24720	22536	AI847063	TC187575	null	Mm.34356
101070	79936	AI847099	TC203750	null	null
26237	17626	AI848326	TC188252	null	Mm.31229
43658	35448	AI848239	TC188541	WW domain binding protein 6; W	Mm.8709
41178	31754	AI848266	TC201531	neuronal protein	Mm.24183
133919	120980	AI848295	TC202043	null	Mm.39281
16388	14806	AI848606	null	null	Mm.39618
114650	102813	AI848246	TC161161	NEDD8-conjugating enzyme	Mm.12892
39650	31453	AI848274	TC160683	adrenodoxin	Mm.1061
20332	11719	AI848301	null	null	Mm.39206
26620	21050	AI848612	TC160642	null	Mm.17631
0	0	AI849325	TC173600	NAD(H)-specific isocitrate deh	Mm.14825
216170	335026	AI849357	TC196050	null	Mm.22785
54590	36016	AI848826	TC187561	null	Mm.28677
41310	32565	AI848864	null	null	Mm.5293
179372	225277	AI849331	TC158243	ribosomal protein	Mm.2235
20032	21006	AI849367	TC173929	null	Mm.3395
36091	27398	AI848832	null	null	Mm.35835
0	0	AI848876	TC176585	high affinity IgE receptor gam	Mm.22673
63718	54577	AI848345	TC182582	null	Mm.39616
35967	40227	AI848386	TC190867	null	Mm.20342
73798	57830	AI847999	TC165538	null	Mm.41819
38366	37160	AI848042	TC163122	null	Mm.23827
50920	37638	AI848360	TC176912	P24 protein	Mm.4766
78218	66522	AI848392	TC177538	null	Mm.38232
115132	138539	AI848008	TC173288	S-adenosylmethionine decarboxy	Mm.7880
50063	37958	AI848054	null	null	Mm.40509
104413	151782	AI848680	TC201339	null	Mm.30083
120489	131189	AI848709	TC189353	null	Mm.27844
81075	65909	AI849071	TC191013	hck tyrosine kinase (AA 1-503)	Mm.715
138019	135056	AI849108	null	null	null
103320	81822	AI848686	TC200580	damage-specific DNA binding pr	Mm.29623
852530	439518	AI849041	TC200571	rin	Mm.5163
38385	34316	AI849079	TC173042	null	Mm.4537
40500	32291	AI844796	TC189357	null	Mm.32183
94789	77921	AI849388	null	null	null
113487	121322	AI849438	TC203296	null	Mm.41439
31724	33120	AI848966	TC161422	null	Mm.7843
107896	76219	AI848997	TC186909	Sacm21	Mm.20926
149072	155120	AI849405	TC180621	null	Mm.41014
48713	39270	AI849446	TC187672	null	Mm.24576
99206	122504	AI848974	TC173252	translation repressor NAT1	Mm.525



60243	57276	AI849003	TC159146	null	Mm.35724
8099	6311	AI847694	TC176620	null	Mm.38483
242794	216339	AI847053	TC188576	uroporphyrinogen III synthase	Mm.3160
121938	109300	AI847090	TC160014	hepatocyte growth factor activ	Mm.26835
18833	16876	AI848316	TC204318	null	Mm.38456
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159551	113067	AI847065	TC201926	null	Mm.23964
40700	36352	AI847100	TC206086	null	Mm.40707
0	0	AI848327	TC170187	null	null
0	0	AI848240	TC158285	Zic protein	Mm.2719
0	0	AI848268	TC162387	rab 4	Mm.9221
0	0	AI848296	TC174509	null	Mm.26765
0	0	AI848607	null	null	null
72224	44523	AI848248	TC157615	apolipoprotein E	Mm.21417
0	0	AI848275	TC200582	null	Mm.29455
0	0	AI848302	TC199956	malate dehydrogenase	Mm.21743
15059	8320	AI848613	TC175863	null	Mm.41764
41116	42775	AI849326	TC159865	X16	Mm.6787
234164	352386	AI849361	TC201497	null	Mm.5772
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174804	168620	AI848867	TC175392	glycogen synthase kinase 3 bet	Mm.34370
44980	36136	AI849332	TC175401	null	Mm.25496
97219	95040	AI849368	TC159860	p66 mot1	Mm.2849
133579	140705	AI848836	TC176962	null	Mm.38763
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654868	615171	AI848346	TC200948	null	Mm.29769
103778	85958	AI848387	null	null	null
62732	60280	AI848000	TC204656	null	Mm.41621
45295	25109	AI848043	TC174797	null	null
116898	105906	AI848361	TC188724	null	Mm.2069
76118	60829	AI848393	TC159054	null	Mm.21118
71129	80222	AI848011	TC166962	null	Mm.46174
787168	765921	AI848056	TC160705	null	Mm.27695
231470	194402	AI848681	TC186727	null	Mm.25148
34280	29682	AI849031	TC199907	elongation factor 2	Mm.4968
87275	75898	AI849072	TC158412	Cdc25a	Mm.29800
38691	28385	AI849111	TC187056	null	Mm.30001
6968	6936	AI848687	null	null	Mm.39403
88181	56656	AI849043	TC177062	activated leukocyte cell adhes	Mm.2877
71111	57148	AI849080	TC161625	null	Mm.29599
91782	94383	AI844798	TC174080	null	Mm.27947
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54073	44726	AI848967	TC174057	null	Mm.24091
39105	29983	AI848998	TC173830	null	Mm.29075
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59403	49524	AI849449	TC163629	null	Mm.41586
82521	84769	AI848975	TC174253	null	Mm.27328
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30563	23582	AI847695	TC204523	kinesin family protein KIF1a	Mm.4762
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62750	88776	AI847701	TC158286	null	Mm.26617
63341	93898	AI847066	TC161512	null	Mm.21972
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57291	42338	AI848328	TC160578	deoxycytidine kinase	Mm.3446
136546	118041	AI848241	TC173520	null	Mm.29849
135989	109654	AI848269	TC188991	null	Mm.42256
57398	45723	AI848297	null	null	null
54040	49460	AI848608	TC164181	null	Mm.41303
46393	52520	AI848249	TC203814	null	Mm.25700
245839	158372	AI848276	TC188226	null	Mm.28169
43006	30770	AI848304	TC176042	null	Mm.3158
42792	30560	AI848615	TC199146	null	Mm.40182
41568	47414	AI849327	TC200365	null	Mm.21094
48839	27865	AI849362	TC189973	null	Mm.41089
342999	330231	AI848828	TC201340	null	Mm.41939
123522	151300	AI848868	TC201607	null	Mm.27466
119848	169460	AI849333	TC159985	cerebellum postnatal developme	Mm.29613
123571	130098	AI849369	TC173840	null	Mm.7723
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47539	40311	AI848880	TC158326	adipose differentiation relate	Mm.381
100982	90673	AI848347	TC177162	null	Mm.24549
597665	561203	AI848388	TC173325	null	Mm.14486
180562	182662	AI848001	null	null	Mm.39399
367859	349826	AI848050	TC200308	BTEB-1 transcription factor	Mm.19788
757919	824151	AI848364	TC173462	ubiquitin-homology domain prot	Mm.7353
240031	234313	AI848394	TC210684	null	Mm.40952
45362	34674	AI848012	TC166050	null	Mm.40508
238545	156918	AI848057	TC189106	null	Mm.4772
66951	54963	AI848682	TC173246	GP106	Mm.2698
78092	200968	AI849033	TC190947	null	Mm.39969
291482	187087	AI849074	TC162234	null	Mm.29011
126383	81644	AI849112	TC191770	null	Mm.40621
78590	94106	AI848688	null	null	null
617779	401629	AI849044	TC200995	null	Mm.28144
956310	655685	AI849082	TC200682	null	Mm.28614
52476	33824	AI844799	TC174033	membrane-associated phosphatid	Mm.1860
78896	85385	AI849399	TC198554	null	Mm.60664
0	0	AI849442	TC191324	Wnt-7a	Mm.60584
84529	74762	AI848968	TC174076	null	Mm.28270
101460	75769	AI848999	TC200779	G9A	Mm.28155
63696	45507	AI849409	TC200900	MEK binding partner 1	Mm.20922
253596	185124	AI849451	TC186387	null	Mm.22699
43865	35954	AI848977	TC187481	SH3P7	Mm.27622
52756	47661	AI849005	TC175615	null	Mm.46218
22032	13627	AI848929	TC162804	Wnt-4	Mm.20355
44732	37789	AI844022	null	null	null
9168	5745	AI844060	TC189431	null	Mm.22541
47385	23205	AI844113	TC158818	null	Mm.24650
167553	87709	AI848937	TC157697	KOI-4	Mm.27775

0	0	AI844033	TC177684	oligodendrocyte-specific bHLH	Mm.45219
0	0	AI844076	TC186480	truncated hsp25	Mm.13849
0	0	AI844123	TC175120	null	Mm.33007
45644	30511	AI854325	TC187917	null	Mm.36611
23136	20154	AI854370	TC158384	null	Mm.29729
62774	31347	AI850128	null	null	Mm.19370
38737	45989	AI850172	TC201734	null	Mm.34105
19190	62521	AI854338	TC173485	null	Mm.29377
89197	69828	AI854380	TC162288	OCTN2	Mm.24317
0	0	AI850135	TC200262	null	Mm.29641
47805	36361	AI850186	TC160789	null	Mm.5545
155824	99253	AI850634	TC186578	EH domain-containing protein E	Mm.30169
100654	77429	AI850673	TC187633	null	Mm.27756
677964	313606	AI850717	TC159453	sterol-carrier protein X	Mm.1779
17197	11017	AI851742	TC190012	null	Mm.38064
58127	56402	AI850644	TC160525	null	Mm.26614
0	0	AI850680	TC157836	null	Mm.41302
5654	4732	AI850727	null	null	null
0	0	AI851749	TC160038	null	Mm.46230
690458	421428	AI844160	TC186387	null	Mm.22699
45274	41163	AI844215	TC175528	null	Mm.30596
31597	21184	AI844254	TC176183	null	Mm.29832
90637	52946	AI849670	TC174331	RNA binding protein TIAR	Mm.4363
190797	142852	AI844176	TC162143	drebrin E2	Mm.19016
115027	94758	AI844222	TC161727	null	Mm.27444
235989	220695	AI849635	TC187145	null	Mm.38292
56593	49949	AI849683	TC170171	null	Mm.39879
429092	345775	AI850215	TC174126	FXR1	Mm.4038
30333	14479	AI850255	null	null	null
33214	20748	AI850290	TC176382	null	Mm.829
122249	132074	AI850322	TC157755	null	Mm.22587
11094	11459	AI850229	null	null	null
70330	73400	AI850266	TC189364	null	Mm.41563
0	0	AI850297	TC157775	null	Mm.28770
382074	384925	AI850331	TC159803	ARF1	Mm.6836
222833	215923	AI851775	TC204712	null	Mm.903
24634	14008	AI851605	TC189857	null	null
240674	134059	AI851630	TC187533	purine nucleoside phosphorylas	Mm.17932
14761	13712	AI851660	TC164766	null	Mm.44112
141865	152737	AI851782	TC200073	null	Mm.17362
39666	37847	AI851612	TC166501	null	Mm.40635
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29565	24490	AI851667	TC191126	null	null
207885	205223	AI848932	TC159992	FAF1	Mm.3722
96774	80966	AI844023	null	null	null
28417	19838	AI844061	null	null	null
18312	10409	AI844114	null	null	Mm.40820
31172	41541	AI844617	TC162956	null	Mm.40463
81435	66994	AI844034	TC173516	null	Mm.24378
47610	55470	AI844078	TC201449	ORF	Mm.7914
0	0	AI844124	TC207032	cryptochrome 2	Mm.39085

46925	41740	AI854330	TC201571	RNaseP protein p30	Mm.12440
9539	8474	AI854371	TC202023	null	Mm.36606
0	0	AI850129	null	null	null
69440	64666	AI850175	TC159984	null	Mm.21606
0	0	AI854340	null	null	null
0	0	AI854383	null	null	Mm.40960
7521	8675	AI850136	TC205085	null	Mm.24628
548993	403344	AI850187	TC201246	retinal-specific heterotrimeri	Mm.4702
0	0	AI850635	TC190481	null	null
64355	78039	AI850675	TC160552	null	Mm.25200
34365	37473	AI850718	TC189467	null	Mm.37380
0	0	AI851743	TC204922	null	Mm.40539
18945	12350	AI850648	TC161711	null	Mm.27687
85416	69782	AI850686	TC200731	null	Mm.30263
149684	62582	AI850729	null	null	null
22360	16828	AI851751	TC188358	null	Mm.21553
893205	585518	AI844163	TC160833	null	Mm.30053
328103	311384	AI844216	TC200362	ablphilin-1	Mm.695
354768	324802	AI844255	TC194571	null	Mm.39508
47458	32901	AI849671	null	null	Mm.40521
102049	94598	AI844178	TC157203	BAT3	Mm.866
81344	58025	AI844223	null	null	Mm.39838
80368	70311	AI849636	TC160936	snRNP core Sm protein homolog	Mm.7312
57121	50802	AI849684	null	null	null
19317	17497	AI850216	TC175134	putative chloride channel prot	Mm.22727
80357	55306	AI850257	TC186401	null	null
134984	87382	AI850291	TC157592	E25B protein	Mm.4266
38316	30317	AI850323	TC174077	null	Mm.17580
50097	38568	AI850230	null	null	Mm.40199
82311	70724	AI850267	TC175514	AP-4 adaptor complex sigma4 su	Mm.23861
45880	31235	AI850298	TC181266	null	Mm.39633
95334	80765	AI850332	TC200707	null	Mm.21901
36874	43932	AI851776	TC159059	myosin I beta	Mm.25194
44996	35184	AI851606	TC200763	null	Mm.21183
0	0	AI851631	null	null	Mm.27336
11843	13383	AI851662	TC175045	leukemia/lymphoma related fact	Mm.40271
111061	109032	AI851783	TC157436	null	Mm.41021
0	0	AI851613	TC170161	null	Mm.39871
35171	35978	AI851638	TC161473	augmenter of liver regeneratio	Mm.28124
10247	9540	AI851668	TC173746	DNA-directed DNA polymerase	Mm.16549
35233	37833	AI848933	null	null	Mm.43290
37388	29385	AI844027	TC167669	null	Mm.44666
19842	8962	AI844065	TC204478	null	Mm.40817
7104	7074	AI844115	TC204746	null	Mm.39494
20648	21798	AI844619	TC162434	null	Mm.41566
349563	200290	AI844035	TC188970	cholinephosphate cytidyltran	Mm.3905
38385	33538	AI844079	TC205812	null	Mm.40818
0	0	AI844125	TC174664	null	Mm.40622
7780	6149	AI854331	null	null	Mm.27337
35702	25110	AI854373	TC161044	null	Mm.29283
23565	22837	AI850130	TC202691	null	Mm.24984

13043	10907	AI850176	TC163764	synaptotagmin III	Mm.4824
280152	203685	AI854341	TC191864	null	null
147717	151291	AI854384	TC160362	null	Mm.391
28225	45054	AI850137	null	null	Mm.4907
0	0	AI850188	TC204937	neuregulin-3	Mm.40198
16000	7299	AI850636	TC200732	null	Mm.28426
64021	50860	AI850676	TC202265	null	Mm.28153
0	0	AI850721	TC164806	null	Mm.24783
166628	114580	AI851745	TC159459	SC1 precursor	Mm.29027
9445	8861	AI850649	null	null	Mm.41073
360854	153083	AI850687	TC201596	null	Mm.42180
210310	58756	AI850731	TC188128	null	Mm.25013
0	0	AI851752	TC188259	polycystic kidney disease-like	Mm.41040
116622	106073	AI844164	TC160088	SMCD	Mm.39278
180123	142596	AI844217	TC173672	null	Mm.23877
20769	10899	AI844257	TC193394	null	null
8207	8114	AI849672	TC204595	null	Mm.23011
763240	657038	AI844180	TC187517	null	Mm.21214
46128	38467	AI844225	TC179786	null	Mm.28002
33475	28940	AI849637	TC173246	GP106	Mm.40628
162815	154279	AI849685	TC161767	null	Mm.24613
6386	3851	AI850221	TC202359	null	Mm.38907
39684	38071	AI850258	null	null	Mm.40200
8881	8149	AI850293	TC186636	aspartyl protease 2	Mm.24044
24442	32836	AI850324	TC173712	modifier 2	Mm.28148
31279	26531	AI850231	TC205343	null	Mm.33645
0	0	AI850268	TC173194	null	Mm.29815
48032	37908	AI850299	TC190959	null	Mm.46107
10176	5079	AI850333	TC163431	null	Mm.23878
8029	4687	AI851777	TC160294	null	Mm.34832
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10160	8418	AI851632	TC193806	null	null
62833	39373	AI851663	TC174989	null	Mm.28519
135023	138566	AI851784	TC201425	ras-related protein	Mm.39557
136825	84460	AI851614	TC187595	null	Mm.27282
67218	39137	AI851639	TC174724	null	Mm.42068
21301	13611	AI851669	TC162458	null	Mm.26560
34652	42579	AI848934	TC173422	protocadherin 2C	Mm.28785
55915	57709	AI844028	TC163984	null	Mm.40026
30934	59769	AI844072	TC160994	protease-nexin 1	Mm.3093
57670	56115	AI844116	TC174556	null	Mm.41300
11788	12493	AI848940	null	null	Mm.2944
74503	71632	AI844037	TC182726	null	Mm.44988
33324	29985	AI844081	TC175138	putative membrane protein	Mm.1209
0	0	AI844126	TC201097	null	Mm.28399
181600	147348	AI854333	TC200108	tropomyosin isoform 2	Mm.646
54285	30268	AI854375	null	null	Mm.40581
19018	13067	AI850132	TC206216	null	Mm.40350
15097	6437	AI850177	null	null	null
0	0	AI854342	null	null	null
227819	178778	AI854387	TC174105	null	Mm.1971

51533	52915	AI850140	TC186716	3SG protein	Mm.25622
40064	28140	AI850189	TC160654	null	Mm.29987
45773	48893	AI850638	TC200870	thyrotroph embryonic factor	Mm.19258
18260	20569	AI850677	TC192890	null	null
17287	15744	AI850722	null	null	Mm.40891
9021	7613	AI851746	TC158284	vacuolar H(+)-ATPase	Mm.30155
13638	14000	AI850651	TC165156	null	Mm.41131
170358	75004	AI850689	TC190134	null	Mm.27062
306488	176425	AI850732	TC203501	null	Mm.25459
14095	11167	AI851755	TC205404	null	Mm.39900
50213	33405	AI844165	TC213140	null	null
141230	137953	AI844218	TC202081	null	Mm.27553
130675	96339	AI844261	TC195094	null	null
110126	114660	AI849674	TC201050	null	Mm.24300
155167	128960	AI844183	TC159207	null	Mm.22981
81372	56225	AI844229	TC209956	null	null
49554	46735	AI849642	TC172063	null	Mm.40191
625332	547112	AI849686	TC201729	null	Mm.41463
48428	39052	AI850222	TC161182	Pinin	Mm.22347
44866	35833	AI850261	TC175458	syntrophin-2	Mm.30228
112463	102099	AI850294	TC201342	null	Mm.41682
98258	94712	AI850327	TC160729	FT1 protein	Mm.28027
28810	20937	AI850234	TC204245	null	Mm.39416
64284	65195	AI850270	TC157756	putative phosphatase subunit	Mm.22587
29666	22775	AI850301	TC201756	null	Mm.31242
54302	39125	AI850334	TC192338	null	Mm.41706
45212	55686	AI851778	TC161320	[Mouse mRNA sequence.], gene p	Mm.1810
38679	32961	AI851609	null	null	null
56484	54836	AI851633	TC159465	beta globin	Mm.2329
30661	18026	AI851664	null	null	null
88405	85107	AI851785	null	null	Mm.42441
13877	14119	AI851615	TC203046	null	Mm.41686
38483	27429	AI851640	TC173753	mitochondrial transcription fa	Mm.41766
36078	42596	AI851670	TC189636	null	Mm.24809
0	0	AI848935	TC161381	null	Mm.22602
47739	42056	AI844029	TC157641	delta7-sterol reductase	Mm.3747
0	0	AI844073	TC186943	null	null
0	0	AI844119	TC192234	null	Mm.32162
30217	25447	AI848942	TC200089	growth hormone precursor (aa -	Mm.1240
0	0	AI844038	TC162046	Hrs	Mm.7919
0	0	AI844083	TC202482	null	Mm.30075
49087	33759	AI844127	TC158296	null	Mm.16820
72539	57262	AI854334	TC170117	null	null
70096	52639	AI854376	TC210621	null	Mm.44515
0	0	AI850133	TC174096	null	Mm.24028
0	0	AI850180	TC208264	null	null
82875	83810	AI854347	TC193786	null	Mm.40580
0	0	AI854388	null	null	null
0	0	AI850146	null	null	Mm.40197
107829	97288	AI850190	TC160957	null	Mm.28551
199446	223677	AI850640	null	null	null

469841	307920	AI850678	TC176727	null	Mm.23437
89504	74451	AI850723	null	null	Mm.18041
49147	39545	AI851747	null	null	null
56105	69075	AI850652	TC176564	null	Mm.27905
0	0	AI850690	TC181736	unknown	null
39596	38747	AI850733	TC164699	null	Mm.38180
18996	28388	AI851756	TC159234	null	Mm.31999
334831	292591	AI844166	TC182725	null	null
150822	134384	AI844220	TC160949	null	Mm.29873
62945	87719	AI849631	TC175880	null	Mm.33277
96969	91860	AI849675	TC161275	Fyn(T)	Mm.4848
112593	116616	AI844184	TC174747	calbindin	Mm.46714
30250	24924	AI844231	null	null	Mm.51560
104722	81293	AI849646	TC189587	null	Mm.21201
52018	45918	AI849689	TC191523	null	Mm.39724
113497	120483	AI850226	TC160086	protein kinase	Mm.1761
70455	45046	AI850262	TC174023	LAP2 binding protein 1	Mm.7508
32634	22460	AI850295	TC197063	null	Mm.40884
34603	31909	AI850328	TC210713	null	Mm.40201
28826	24781	AI850235	TC204076	null	Mm.12607
0	0	AI850273	TC188938	null	Mm.28913
64921	61337	AI850303	TC205791	null	Mm.39992
244768	192992	AI850335	TC160906	null	Mm.21241
72683	63684	AI851780	null	null	null
62589	55056	AI851610	TC174507	membrane interacting protein o	Mm.30126
0	0	AI851634	TC192132	null	Mm.17830
0	0	AI851665	null	null	null
196316	184065	AI851787	TC202254	DNA-binding protein	Mm.39098
122024	118634	AI851616	null	null	Mm.34775
0	0	AI851644	null	null	null
42226	32325	AI851671	TC160709	stat5b	Mm.41404
86968	71724	AI848936	TC173339	WS-3 protein	Mm.29089
235328	215006	AI844030	TC202822	null	Mm.24102
115178	132871	AI844075	TC173760	nuclear LIM-only 4 protein	Mm.35004
69653	49296	AI844122	TC161197	null	Mm.28649
524127	702164	AI844620	TC201558	formin binding protein 30	Mm.745
189017	176533	AI844040	TC193725	null	Mm.67033
71819	89939	AI844084	TC190898	null	Mm.25687
150167	117643	AI844129	TC201852	null	Mm.39988
93538	116961	AI854335	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
57069	75988	AI854379	TC175701	null	Mm.28184
164664	144154	AI850134	TC187524	null	Mm.29294
36019	36123	AI850181	TC202884	null	Mm.34540
239927	547642	AI854349	TC160410	serum and glucocorticoid-regul	Mm.28405
99433	81723	AI854390	TC191435	null	Mm.25262
157322	112000	AI850147	null	null	Mm.40526
134858	135620	AI850194	TC201987	UNC-51-like kinase ULK1	Mm.10750
62081	78523	AI850641	TC160530	nuclear factor i	Mm.4025
52088	43055	AI850679	TC210711	null	Mm.60661
81934	82822	AI850724	TC187034	null	Mm.27394
41609	41107	AI851748	TC206244	null	null

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0	0	AI850692	TC187514	null	Mm.29356
619800	696183	AI850736	null	null	null
75945	79270	AI851757	TC161563	null	null
77136	72121	AI844168	TC207215	null	Mm.40149
71724	48565	AI844221	TC180901	null	Mm.39371
45203	41327	AI849634	null	null	Mm.39878
72802	83502	AI849676	TC160434	null	Mm.28397
237769	272180	AI844189	TC204145	null	Mm.35141
17399	12920	AI844235	TC169409	null	Mm.40174
74678	85263	AI849649	TC159612	plasma glutathione peroxidase	Mm.7156
386261	444457	AI849691	TC186602	null	Mm.1661
20375	11871	AI850227	TC189370	null	Mm.25538
760067	1269075	AI850263	TC160272	null	Mm.486
23763	16723	AI850296	TC187345	methylenetetrahydrofolate dehy	Mm.443
377223	537162	AI850329	TC186487	non-histone chromosomal high-m	Mm.16421
83926	76316	AI850236	TC186545	null	Mm.21905
370908	262720	AI850274	TC174355	glutaredoxin	Mm.29728
127294	120899	AI850304	null	null	null
249698	213527	AI850336	TC186640	null	Mm.43319
49148	56416	AI851781	TC174917	MRP5	Mm.20845
46109	50065	AI851611	TC161734	null	Mm.38921
36422	17327	AI851636	TC208721	null	Mm.41105
24657	16887	AI851666	TC175882	null	Mm.27715
132325	133884	AI851788	TC175150	tyrosine kinase	Mm.21056
221956	207976	AI851617	TC202000	null	Mm.37962
39393	34671	AI851645	TC202682	epsilon tyrosine phosphatase c	Mm.945
0	0	AI851672	TC173665	mammary transforming protein	Mm.544
45689	42058	AI853382	TC174911	null	Mm.45521
50591	40212	AI851804	TC186825	null	Mm.21069
0	0	AI851843	TC188903	mTAFII30 protein	Mm.21419
0	0	AI854416	TC175160	null	Mm.33202
11909	5427	AI853388	TC162296	similar to Dvl-1 product encod	Mm.5114
13979	11992	AI851817	TC202193	ELL	Mm.1552
0	0	AI851854	TC174857	formerly known as STM2; homol	Mm.4338
30340	20430	AI854422	TC175708	null	Mm.31557
12592	8351	AI852789	null	null	Mm.39434
9973	3561	AI852816	null	null	Mm.39240
0	0	AI852943	TC202829	neuroglycan C	Mm.38496
19636	6650	AI852978	TC188002	TR2L	Mm.5159
87747	76077	AI852796	TC168592	null	Mm.39435
80507	62820	AI852909	null	null	Mm.39666
68743	67258	AI852952	TC200350	mDj3	Mm.29186
17641	10658	AI852039	TC174613	MUEL protein	Mm.29492
74896	41460	AI853138	TC200512	null	Mm.29879
31096	21343	AI853739	TC161770	null	Mm.26783
13313	5693	AI853775	TC165573	zinc finger DNA-binding protei	Mm.40505
24707	23661	AI853807	TC161689	null	Mm.22271
53856	49307	AI853145	TC160598	bromodomain-containing FSH-lik	Mm.28721
18481	22566	AI853748	null	null	null
7407	9109	AI853786	null	null	null



6114	5129	AI853163	null	null	Mm.40232
39607	39093	AI854446	TC203765	null	Mm.41207
0	0	AI854476	TC164030	TWEAK	Mm.8983
33679	18516	AI852594	TC206901	null	Mm.44141
32091	25916	AI852624	null	null	Mm.30491
0	0	AI854452	null	null	Mm.40583
21900	21168	AI854486	TC159419	protein precursor (AA -43 to 5	Mm.16773
21314	20904	AI852600	TC203341	null	Mm.68839
372932	279750	AI852633	null	null	null
0	0	AI852064	TC166382	null	Mm.40297
17373	14743	AI852102	TC174807	small GTP-binding protein asso	Mm.21904
55585	31496	AI852138	TC203920	null	Mm.30463
88838	61041	AI852179	TC188129	null	Mm.27951
26801	23470	AI852072	TC176120	null	Mm.21571
11730	8715	AI852110	null	null	Mm.41845
32972	46454	AI852142	TC201207	myosin I	Mm.3390
26201	21828	AI852186	TC197061	null	Mm.48503
71225	33577	AI853192	TC186667	null	Mm.41
28688	23491	AI853231	null	null	Mm.39671
29419	23264	AI852678	TC203609	null	Mm.32494
22000	17668	AI852712	TC159957	connexin 43	Mm.4504
24393	18503	AI853203	null	null	Mm.39670
92922	116556	AI852654	TC159887	null	Mm.21848
0	0	AI852688	TC179644	null	Mm.32010
10783	8732	AI852721	null	null	null
262317	121073	AI853383	TC200477	null	Mm.29196
8499	10379	AI851805	TC174897	fallotein	Mm.40268
20689	20140	AI851844	TC202566	null	Mm.29245
0	0	AI854417	TC176489	null	Mm.33904
5592	5171	AI853389	TC184234	null	Mm.40947
28763	37311	AI851818	TC201222	null	Mm.46548
110058	108173	AI851856	TC191529	null	Mm.57474
8716	9059	AI854423	TC160678	null	Mm.23918
9784	8808	AI852790	TC176939	null	Mm.45183
12863	12836	AI852817	TC188914	null	Mm.39436
0	0	AI852946	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
0	0	AI852979	TC191057	DNA-binding protein	Mm.3179
0	0	AI852797	TC166766	null	Mm.41685
18016	16316	AI852911	TC200794	null	Mm.41389
14937	16386	AI852955	null	null	null
12227	7540	AI852041	null	null	null
23074	20067	AI853139	TC160822	null	Mm.34164
41121	26811	AI853742	TC191752	Six3b	Mm.15630
36297	26969	AI853776	TC187138	null	Mm.25293
12378	9704	AI853808	TC162585	null	Mm.45758
51489	30502	AI853146	TC176462	null	Mm.46307
0	0	AI853749	null	null	null
0	0	AI853788	null	null	Mm.43973
10444	11644	AI853164	null	null	null
71575	62250	AI854447	TC200290	SET	Mm.36677
91518	78156	AI854477	TC200863	null	Mm.28028

71446	70406	AI852595	TC187216	asparagine synthetase	Mm.2942
111804	96006	AI852625	TC178992	null	Mm.36389
0	0	AI854453	null	null	Mm.40962
12788	12925	AI852573	TC179431	null	null
44768	46438	AI852602	TC210694	null	Mm.39918
19145	9982	AI852634	null	null	null
0	0	AI852065	null	null	null
21121	23550	AI852103	TC200837	Su(var)3-9 homolog	Mm.9244
17084	17840	AI852139	TC198710	null	Mm.44139
72087	70742	AI852181	TC163888	null	Mm.21117
34286	27964	AI852074	TC200055	receptor-like tyrosine kinase;	Mm.5021
9199	7986	AI852111	TC190226	null	Mm.30552
11229	10406	AI852143	TC175324	null	Mm.41245
13109	10850	AI852187	TC183510	null	Mm.63744
0	0	AI853193	TC192267	Fuc-TVII	Mm.1203
98934	64270	AI853232	TC190291	null	Mm.36757
59255	79308	AI852679	TC160541	p33ING1 protein	Mm.36840
45432	57481	AI852713	null	null	Mm.39664
24432	15475	AI853204	TC176994	p8 MTCP-1	Mm.16366
187386	200470	AI852655	TC162514	null	Mm.36705
19966	17393	AI852689	TC191951	null	Mm.27441
17924	17280	AI852724	TC189648	null	Mm.41068
9667	3077	AI853384	TC202491	null	Mm.495
12973	11697	AI851806	TC178121	neuronal calcium sensor-1	Mm.41189
0	0	AI851847	TC203951	G beta-like protein GBL	Mm.68241
8778	12801	AI854418	TC178747	null	Mm.40961
12157	9056	AI853390	TC162967	methyltransferase-like protein	Mm.41667
15467	10079	AI851819	TC163823	null	Mm.31815
0	0	AI851857	null	null	Mm.39227
0	0	AI854426	TC189928	null	null
20510	17601	AI852792	TC200672	Mdes protein	Mm.29648
8028	6711	AI852818	TC174367	prodynorphin	Mm.6239
11776	8075	AI852947	TC174761	null	Mm.29930
117312	71220	AI852981	TC164481	null	Mm.41855
40734	30758	AI852798	TC165027	null	Mm.55620
84732	83794	AI852912	TC202843	null	Mm.27614
23080	18697	AI852958	TC196434	null	Mm.44142
0	0	AI852042	TC174670	GTPase-activating protein	Mm.3072
12437	14458	AI853140	TC163663	null	Mm.11171
18353	20490	AI853743	TC189822	null	Mm.18998
84233	78845	AI853778	TC201930	null	Mm.26709
28603	30832	AI853810	TC166291	null	Mm.24528
38906	17425	AI853147	TC206155	null	Mm.44192
51732	32747	AI853751	TC163375	transcription factor TFEB	Mm.2305
36072	35029	AI853789	TC187600	null	Mm.27990
159683	157943	AI853165	TC174745	null	Mm.24655
244767	160958	AI854448	TC159055	null	null
8185	6049	AI854479	null	null	Mm.37462
13176	13134	AI852596	null	null	Mm.40227
132210	96322	AI852628	TC161469	hydrophilic protein	Mm.2948
50869	41862	AI854454	TC162745	null	Mm.32885

47198	42424	AI852574	TC189732	null	Mm.1960
40506	43813	AI852603	TC174716	null	Mm.29491
142511	108500	AI852636	null	null	Mm.18494
0	0	AI852066	TC197058	null	Mm.44138
0	0	AI852104	TC175535	null	Mm.27633
0	0	AI852140	TC174836	null	Mm.41368
29192	20168	AI852182	TC204506	null	Mm.41051
0	0	AI852075	TC193728	null	Mm.39905
5516	4270	AI852112	TC161753	null	Mm.39906
11875	8959	AI852144	TC187169	pre-B-cell colony-enhancing fa	Mm.28830
10806	4183	AI852188	TC177761	null	null
57897	69647	AI853194	TC159483	testicular antigen	Mm.46540
0	0	AI853233	TC188214	Rab8-interacting protein	Mm.25860
24128	26689	AI852680	TC190388	null	Mm.34463
50944	43750	AI852716	null	null	null
92011	44519	AI853207	TC157709	null	Mm.34422
112392	96849	AI852657	TC189224	null	Mm.40318
48179	55582	AI852690	null	null	Mm.39293
32547	27691	AI852725	TC187309	null	Mm.1444
19141	17889	AI853385	TC205054	null	Mm.44145
41635	35622	AI851811	TC201476	null	Mm.28546
824116	462046	AI851848	TC160287	aldehyde dehydrogenase II	Mm.4514
21864	22383	AI854419	TC173896	null	Mm.21915
26376	21333	AI853392	TC190463	null	Mm.41572
32347	39566	AI851821	TC173914	null	Mm.3600
24311	23649	AI851858	TC187897	null	Mm.32247
20720	15860	AI854427	TC204513	ion channel BCNG-2	Mm.12956
0	0	AI852793	TC187806	superoxide dismutase 2, mitoch	Mm.2597
70437	57012	AI852906	TC189898	CLOCK	Mm.3552
40232	32621	AI852949	TC174734	null	Mm.26168
41072	41805	AI852036	TC160221	NSD1 protein	Mm.12964
65248	42484	AI852799	TC202025	persyn	Mm.22231
35737	32781	AI852913	TC189755	null	Mm.40937
0	0	AI852959	TC160964	serine/threonine protein kinas	Mm.4082
23810	22312	AI852043	TC192423	null	Mm.25203
86304	80010	AI853141	TC201886	lysophospholipase II	Mm.34302
30680	28238	AI853744	TC201723	null	Mm.41518
74715	47752	AI853780	TC193356	testis-specific Y-encoded-like	Mm.20445
34026	30002	AI853812	TC173812	null	Mm.34772
133886	108310	AI853148	TC199902	null	Mm.37346
0	0	AI853753	TC162862	null	Mm.25816
45135	41442	AI853790	TC172472	null	null
62364	59066	AI853166	TC165363	null	null
217094	210690	AI854449	TC175185	YL-1 protein	Mm.29819
134073	86077	AI854481	null	null	Mm.40964
81985	65604	AI852597	null	null	Mm.40557
115992	92395	AI852629	TC177890	null	Mm.5337
29647	21566	AI854455	null	null	Mm.41710
115199	108600	AI852575	TC210857	null	Mm.40225
40180	36416	AI852605	TC159452	Dlgh1 homolog	Mm.382
359533	307668	AI852638	TC161799	null	Mm.26381

52002	37761	AI852067	TC192797	null	null
123236	102486	AI852107	TC177621	null	Mm.31329
24010	29170	AI852146	TC202037	null	Mm.29043
43717	44232	AI852183	null	null	Mm.51565
75191	40159	AI852078	TC157967	null	Mm.31364
54413	40916	AI852116	TC170710	null	Mm.44629
19097	8386	AI852151	TC178067	null	Mm.41587
32264	31050	AI852189	TC189930	unnamed protein product	Mm.31367
33545	20946	AI853195	null	null	null
83632	95155	AI853236	TC187087	Murine homolog of human ftp-3	Mm.22757
45892	23463	AI852681	TC172966	null	Mm.38830
176781	124059	AI852717	TC160256	succinyl-CoA synthetase	Mm.29845
54539	34059	AI853208	TC174496	histone deacetylase 5	Mm.22665
40980	14762	AI852659	TC201221	null	Mm.26480
23026	14000	AI852691	TC200469	microtubule-associated protein	Mm.12625
34576	22734	AI852726	TC189590	null	Mm.6926
240288	178237	AI853386	null	null	Mm.39929
13771	10050	AI851815	TC161378	null	Mm.29553
16114	11811	AI851852	null	null	null
64049	42785	AI854420	TC178795	null	Mm.41354
0	0	AI853393	TC203506	platelet glycoprotein Ib beta	Mm.20365
0	0	AI851823	TC159687	E2F-like transcriptional repre	Mm.29590
33171	17454	AI851859	TC188463	null	null
0	0	AI854428	TC177394	null	Mm.41618
13914	10538	AI852794	TC175873	null	Mm.44224
22485	17393	AI852907	TC188356	null	Mm.42908
0	0	AI852950	TC181817	null	Mm.39500
37067	26938	AI852037	TC174134	ets2 protein	Mm.22365
0	0	AI852801	TC182469	null	Mm.35297
9950	15483	AI852914	TC203946	null	null
0	0	AI852960	TC174404	null	Mm.14569
76151	59455	AI852045	TC162733	null	Mm.35655
0	0	AI853142	TC187172	null	Mm.21852
0	0	AI853746	TC203055	null	Mm.41487
0	0	AI853784	TC174823	null	Mm.18210
0	0	AI853813	TC203417	null	Mm.39940
41032	30517	AI853149	null	null	null
75456	45378	AI853755	TC163644	null	Mm.33378
0	0	AI853791	TC188046	null	Mm.18249
0	0	AI853169	null	null	Mm.22026
58889	48272	AI854450	TC160962	null	Mm.18054
194583	176914	AI854482	TC202898	jerky	Mm.20971
44147	34556	AI852598	TC165688	null	null
59480	48657	AI852630	null	null	Mm.710
60884	50788	AI854456	null	null	Mm.39684
411158	346600	AI852576	TC173097	null	Mm.3035
0	0	AI852606	null	null	null
168552	109878	AI852640	TC177659	null	Mm.37520
66416	49497	AI852068	TC183508	null	null
36794	42368	AI852108	TC176371	null	Mm.41450
83927	64658	AI852148	TC201387	null	Mm.30991

38334	39617	AI852184	TC188078	null	Mm.28690
41946	44229	AI852082	TC188637	null	Mm.28059
58689	47154	AI852118	null	null	null
9289	9387	AI852152	null	null	Mm.39425
65259	52372	AI852190	TC189322	null	Mm.40217
39873	28513	AI853201	TC204229	GABA-alpha receptor delta-subu	Mm.41296
0	0	AI852652	TC175032	null	Mm.41029
53425	37088	AI852682	TC174962	null	Mm.29713
0	0	AI852718	null	null	Mm.22691
61341	55668	AI853209	TC186868	qkl-7	Mm.2655
139162	191253	AI852660	TC201188	cAMP-regulated phosphoprotein	Mm.39975
80360	70707	AI852692	TC196963	null	Mm.67040
113784	111237	AI852729	TC159602	proteasome Z subunit precursor	Mm.2246
33916	27204	AI853387	TC176080	null	Mm.33502
33976	30288	AI851816	TC177168	null	Mm.68357
0	0	AI851853	TC188685	null	Mm.39903
58509	40406	AI854421	TC190189	N-copine	Mm.5249
0	0	AI853395	TC193063	null	Mm.40569
11980	19520	AI851826	TC205288	netrin-1 precursor	Mm.39095
44667	37295	AI851861	TC205204	null	Mm.40214
33529	40125	AI854429	TC189101	null	Mm.37336
30034	32622	AI852795	TC173067	null	Mm.21952
28227	17505	AI852908	null	null	Mm.39438
49035	51368	AI852951	TC176162	null	Mm.27110
541271	831824	AI852038	TC186375	PO protein	Mm.5286
37659	33172	AI852802	TC187093	E6-AP ubiquitin protein ligase	null
0	0	AI852915	TC163771	synaptotagminI/p65	Mm.5101
64930	58667	AI852961	TC206955	SLIT1	Mm.40322
48584	55681	AI852046	TC162358	null	Mm.41648
269099	319746	AI853143	TC186505	null	Mm.21802
31021	21205	AI853747	null	null	Mm.39257
0	0	AI853785	TC182948	null	Mm.40688
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126583	117245	AI853150	TC201280	D-dopachrome tautomerase	Mm.5731
35601	35860	AI853758	TC202760	NSP-like 1	Mm.24142
12845	21971	AI853792	TC188005	white homolog	Mm.15691
132642	140056	AI853170	TC174643	null	Mm.613
49124	32856	AI854451	TC175238	null	null
32805	28405	AI854485	TC163563	null	Mm.41738
85759	85131	AI852599	null	null	null
544901	511492	AI852632	TC158166	TBX1 protein	Mm.21119
172197	176604	AI854457	TC188538	tripeptidyl-peptidase ii	Mm.28867
565365	674316	AI852577	TC159507	putative steroid dehydrogenase	Mm.22505
145575	124038	AI852607	TC157311	null	Mm.39287
496025	508607	AI852641	TC187450	p8 protein	Mm.18742
36743	25720	AI852070	TC201602	Ese1 protein	Mm.40546
32883	20662	AI852109	TC157348	null	Mm.40624
25035	16855	AI852149	TC178935	rabphilin-3A	null
202044	221220	AI852185	TC187325	null	Mm.29503
94125	85387	AI852085	TC160822	null	Mm.34164
0	0	AI852119	TC187061	null	Mm.25570

138865	137154	AI852154	TC161047	null	Mm.30160
15228	13369	AI852193	null	null	null
114580	121051	AI853202	TC195082	null	Mm.40018
0	0	AI852653	TC162384	null	Mm.27178
93618	92585	AI852684	TC189057	MHR23A	Mm.41064
20085	12373	AI852719	null	null	null
36717	52672	AI853210	TC200181	basement membrane collagen alp	Mm.738
127874	130042	AI852661	TC204955	null	Mm.2388
255477	277977	AI852694	TC162093	null	Mm.33285
26600	33715	AI852730	null	null	null
28911	17244	AI854035	TC160670	Keap1	Mm.20905
0	0	AI854061	TC161077	null	Mm.41760
69502	52890	AI852994	TC175020	null	Mm.26515
168093	170346	AI853031	TC158806	null	Mm.30134
15641	14732	AI854041	TC160697	null	Mm.22749
128797	93447	AI854069	null	null	Mm.39263
0	0	AI853001	null	null	Mm.39922
16126	11095	AI853039	TC162693	BRP39 protein	Mm.4376
184886	134246	AI854263	TC202237	Supt6h	Mm.20755
164976	109909	AI854291	TC191015	null	Mm.68685
23522	16470	AI850835	TC168142	null	Mm.41312
27407	30522	AI850869	null	null	Mm.1776
26389	24874	AI854269	TC159122	null	Mm.25875
0	0	AI854297	TC201756	null	Mm.31242
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25178	14822	AI850884	null	null	Mm.41103
88238	50976	AI853433	null	null	Mm.39442
16023	8391	AI853459	TC200895	null	Mm.31353
149349	145358	AI854171	TC173588	null	Mm.35136
22999	24964	AI854199	TC176024	null	Mm.25481
53774	59005	AI853439	TC186897	null	Mm.28981
38162	43436	AI853465	TC163020	orphan receptor	Mm.3398
45835	86536	AI854178	TC174043	null	Mm.24155
263017	171420	AI854206	TC173316	beta-hexosaminidase	Mm.27816
77941	48108	AI853062	TC174927	null	Mm.34790
0	0	AI852348	null	null	Mm.39428
126405	130827	AI852417	TC212205	null	null
172931	166623	AI852444	TC178504	null	Mm.22883
74681	48829	AI853072	TC192119	null	Mm.26361
85966	60192	AI852357	TC200218	initiation factor 4All (AA 1 -	Mm.16323
11838	10056	AI852423	TC178813	null	Mm.69080
107850	110946	AI852450	TC203260	null	Mm.39995
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70295	33656	AI853918	TC202449	null	Mm.28662
738749	853456	AI850990	TC159754	heat stable antigen	Mm.6417
29316	19027	AI853887	TC190855	null	Mm.29653
32552	23796	AI853906	TC188751	null	Mm.18237
70961	70845	AI853927	TC157845	null	Mm.41801
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21941	11537	AI854225	TC208584	null	Mm.39683

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255420	223225	AI854769	null	null	null
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57277	53915	AI854233	TC176104	p53BP2	Mm.35734
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30624	38887	AI854777	TC171715	null	Mm.41048
15300	13291	AI854809	TC169691	null	Mm.27081
21486	21597	AI854036	TC181147	null	Mm.39760
22696	13521	AI854063	TC161504	null	Mm.40013
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45462	38085	AI853002	TC174415	null	Mm.28593
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45982	39000	AI854292	TC200430	MITF-2B protein	Mm.4269
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179358	96853	AI850874	TC160287	aldehyde dehydrogenase II	Mm.4514
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12534	10481	AI854299	TC163544	null	Mm.37922
9041	9226	AI850846	TC162794	null	Mm.31267
13765	11484	AI850886	TC205774	null	Mm.46735
14693	10209	AI853434	TC188897	null	Mm.37456
45999	37003	AI853460	null	null	null
11137	12852	AI854172	TC189832	null	Mm.24886
43798	38248	AI854200	TC160550	h2-calponin	Mm.21776
37128	33819	AI853441	TC190550	null	Mm.36738
303882	120957	AI853466	TC203214	fatty acid transport protein 4	Mm.30487
233376	115536	AI854179	TC190039	null	Mm.41916
72466	59627	AI854207	TC174318	small zinc finger-like protein	Mm.4050
57178	65729	AI853065	TC177442	null	Mm.40648
29332	52736	AI852349	TC202627	null	Mm.29763
323354	435912	AI852418	TC168049	null	Mm.44140
64791	63037	AI852445	TC162758	J domain protein 1	Mm.32550
89193	73187	AI853073	TC183411	null	null
54393	47649	AI852358	TC189460	null	Mm.25695
51357	35683	AI852425	TC164345	null	Mm.32521
156298	108918	AI852451	TC173983	Crk-associated substrate	Mm.3758
15569	7736	AI851482	null	null	Mm.39897
11332	4216	AI853901	TC189326	null	Mm.39259
54369	41389	AI853919	TC164728	null	Mm.40689
42327	28803	AI850991	TC201654	null	Mm.26484
92707	89777	AI853888	TC161355	HIRA-interacting protein (HIRI	Mm.23809
95498	81355	AI853907	TC160517	chloride channel CLC-2	Mm.44682
9133	8629	AI853928	TC157858	null	Mm.36885
26097	19576	AI851000	TC203441	null	Mm.40207
39302	37581	AI854227	TC201693	null	Mm.29681
64158	53394	AI854740	TC186853	unknown	Mm.692
34623	29113	AI854770	TC164414	null	Mm.24046
135053	133680	AI854803	TC206787	null	null

102327	85805	AI854234	TC174886	unknown	Mm.11815
154223	132158	AI854749	TC199947	CCT (chaperonin containing TCP	Mm.3576
140099	92243	AI854778	TC202662	null	Mm.31405
47450	48360	AI854811	TC175631	null	Mm.29203
18679	16905	AI854037	TC190654	Dlgh3 protein	Mm.20449
481091	309709	AI854065	TC202260	Tx01	Mm.1364
129110	108019	AI852996	TC161012	retinoid X receptor interactin	Mm.968
44199	43281	AI853034	TC175628	C /EBP delta	Mm.4639
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24425	17729	AI854071	TC174718	ubiquitin-specific processing	Mm.40986
31659	28326	AI853003	null	null	null
10082	9642	AI853041	null	null	Mm.39440
22108	18280	AI854265	TC157940	null	Mm.4086
19048	18125	AI854293	TC202594	null	Mm.24143
33541	24363	AI850837	TC175593	null	Mm.34194
84283	90258	AI850877	TC204508	null	Mm.41119
85442	80478	AI854272	TC160229	null	Mm.35807
183390	119250	AI854300	TC160697	null	Mm.22749
22471	19903	AI850847	TC161059	null	Mm.5244
56621	74153	AI850887	TC201367	null	Mm.423
50071	53438	AI853435	TC192117	null	Mm.26053
442245	583117	AI853461	TC177956	null	Mm.39304
406387	256243	AI854174	TC200151	uroporphyrinogen decarboxylase	Mm.22494
46103	37437	AI854201	TC201056	null	Mm.41716
88106	66816	AI853442	TC190934	null	Mm.46381
65252	42775	AI853468	TC208684	null	Mm.39465
182123	126893	AI854180	TC174799	null	Mm.41933
64399	79358	AI854208	TC202317	X-linked PEST-containing trans	Mm.5045
75722	77176	AI853067	TC160074	casein kinase I-alpha	Mm.1581
73801	76124	AI852351	TC200800	null	Mm.28494
30264	21060	AI852419	TC163636	beta-B3-crystallin	Mm.40616
52791	49116	AI852446	TC164215	null	Mm.40727
204197	160481	AI852330	TC157729	unnamed protein product	Mm.26551
150288	122078	AI852360	TC204387	null	Mm.33042
1224492	674107	AI852426	TC204826	null	Mm.26167
16281	11669	AI853565	null	null	null
35466	24995	AI853883	TC202705	SH2 domain-containing protein	Mm.20908
18847	12016	AI853902	null	null	Mm.3076
106673	58222	AI853920	TC160589	null	Mm.42805
14192	8887	AI850992	TC158541	null	Mm.21906
32105	24566	AI851483	TC191071	null	Mm.31590
110441	116227	AI853908	TC186538	null	Mm.68370
30800	27463	AI853929	TC208073	null	Mm.40859
17335	50677	AI851001	TC159688	insulin-like growth factor bin	Mm.578
33039	33094	AI854229	TC177381	receptor protein tyrosine phos	Mm.29220
366138	429326	AI854741	TC196943	null	Mm.39269
40169	32835	AI854771	TC175535	null	Mm.27633
153848	134702	AI854804	TC188443	Frg1	Mm.67
227465	183833	AI854235	TC200828	RS21-C6	Mm.29898
159725	109842	AI854751	TC157644	coproporphyrinogen oxidase	Mm.35820
503758	339354	AI854779	TC157699	null	Mm.35849



57545	60305	AI854813	null	null	Mm.26486
30814	23186	AI854038	TC160917	ponsin-1	Mm.29030
73872	60071	AI854066	TC168030	beta-1,6-N-acetylglucosaminylt	Mm.23803
7251	5346	AI852998	TC177927	null	Mm.45122
0	0	AI853035	TC188308	unnamed protein product	Mm.28584
30325	20280	AI854044	TC189181	putative	Mm.7405
67164	64015	AI854072	TC188924	nuclear pore membrane glycopro	Mm.41373
65839	58692	AI853005	TC167307	null	Mm.39742
14025	10485	AI853042	TC167126	null	null
0	0	AI854266	TC187218	null	Mm.1008
40111	45440	AI854294	TC202716	null	Mm.28283
89018	106694	AI850838	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
22439	15533	AI850878	TC165552	null	Mm.32754
23161	21132	AI854273	TC187558	multiple exostosis protein	Mm.4336
38217	46260	AI854301	TC158598	Mus musculus 60kDa SS-A/Ro	Mm.35793
31342	37740	AI850849	TC177089	null	Mm.1725
0	0	AI850888	TC199966	null	Mm.37810
0	0	AI853436	TC203798	null	Mm.38154
70150	73027	AI853462	TC161314	beta-catenin-interacting prote	Mm.41550
55861	49258	AI854175	TC200743	MUSPUR	Mm.29759
174167	193749	AI854202	TC174391	null	Mm.28786
101249	76083	AI853443	TC177857	null	Mm.40234
104662	103152	AI853469	TC186580	null	Mm.5612
30692	22758	AI854181	TC162198	null	null
38165	40547	AI854209	TC176613	null	Mm.41492
108847	87564	AI853068	TC176639	null	Mm.41735
66298	66776	AI852352	TC188730	null	Mm.45561
83150	64676	AI852420	TC201077	leucine-rich repeat protein	Mm.39913
31630	18195	AI852447	TC178319	null	Mm.4692
202606	162916	AI852332	TC175065	null	Mm.41637
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192080	175575	AI852427	TC176716	null	Mm.36822
322476	314803	AI853566	TC201145	null	Mm.30965
68403	49864	AI853884	TC194714	null	Mm.32743
59927	67711	AI853903	TC186726	IER5	Mm.12246
77262	76399	AI853921	TC167534	null	null
26618	21846	AI850994	TC175336	null	Mm.28506
96149	79549	AI851484	TC168524	null	null
259441	423663	AI851493	TC173131	null	Mm.29859
212973	160857	AI853930	TC174312	null	Mm.3886
0	0	AI851002	null	null	null
11296	13304	AI854230	TC189585	null	Mm.38228
81623	82705	AI854742	null	null	null
34344	24753	AI854772	null	null	null
306207	300230	AI854805	TC173524	null	Mm.21868
285645	236883	AI854236	null	null	Mm.2944
32266	21884	AI854752	TC160327	radixin	Mm.7051
44708	42556	AI854780	TC169720	null	Mm.21390
23378	19052	AI854814	TC205739	null	Mm.17341
0	0	AI854039	TC203214	fatty acid transport protein 4	Mm.30487
57345	37760	AI854067	TC183421	null	null

0	0	AI852999	TC160295	null	Mm.34832
93676	100745	AI853036	TC200330	null	Mm.23929
71987	72259	AI854045	TC202888	null	Mm.34977
0	0	AI854074	TC182905	null	Mm.40579
0	0	AI853007	null	null	Mm.39669
43508	35658	AI853043	TC161660	null	Mm.35926
56241	52898	AI854267	TC204186	null	Mm.41143
223334	200039	AI854295	TC189969	rasGAP-activating-like protein	Mm.41209
0	0	AI850840	null	null	null
87953	94638	AI850881	TC160713	TFIIH transcription/DNA repair	Mm.10182
183134	157792	AI854274	TC159887	null	Mm.21848
50913	43083	AI854302	TC200673	null	Mm.30165
0	0	AI850850	TC157777	null	Mm.30240
14658	11237	AI850889	TC160871	claudin-11	Mm.4425
0	0	AI853437	TC161321	null	Mm.41421
57376	45563	AI853463	TC201337	null	Mm.24848
35574	38680	AI854176	TC187502	null	Mm.30007
16728	12627	AI854204	TC188663	null	Mm.11473
0	0	AI853444	TC160773	null	Mm.204
193384	175323	AI853470	TC184486	null	null
142138	123731	AI854182	TC173489	ORF	Mm.3940
64289	72743	AI854210	TC162537	null	Mm.24342
73073	32274	AI853069	TC161644	null	Mm.27445
221834	170015	AI852354	TC189706	orf5 protein	Mm.34273
83189	44006	AI852421	null	null	null
415334	408154	AI852448	TC175598	null	Mm.7775
0	0	AI852334	null	null	null
326884	232186	AI852363	TC187745	null	Mm.27396
214985	143031	AI852429	null	null	Mm.40551
313178	351953	AI853569	TC157590	null	Mm.4071
0	0	AI853885	TC200361	glutathione-S-transferase homo	Mm.282
125133	88879	AI853904	TC203134	null	Mm.29511
33421	38768	AI853922	TC175173	null	Mm.30822
27521	18097	AI850995	TC178101	null	Mm.37795
189872	70312	AI851485	TC158925	E46 protein	Mm.4098
56686	48261	AI851494	TC158468	KIF2 protein	Mm.4415
13318	10519	AI853931	TC191565	null	Mm.10255
0	0	AI851005	TC206494	null	Mm.41570
369634	297081	AI854231	TC161484	ARF6	Mm.4898
301513	231391	AI854743	TC187053	adenylate kinase isozyme 3	Mm.27450
160462	130055	AI854773	TC162909	null	Mm.28923
145987	146886	AI854807	null	null	Mm.39950
222343	237982	AI854237	TC161496	null	Mm.41668
120560	100289	AI854753	TC161448	null	Mm.28109
67906	99744	AI854781	TC170091	null	Mm.40589
249600	352670	AI854815	TC161310	null	Mm.18875
67616	68921	AI854040	TC190029	null	Mm.40983
0	0	AI854068	TC175607	null	Mm.23947
209374	83471	AI853000	TC161886	glutathione S-transferase thet	Mm.2746
288708	185931	AI853038	TC186708	iron response element binding	Mm.4927
0	0	AI854046	TC180294	null	Mm.40578

246423	280220	AI854075	TC173648	complement receptor	Mm.3250
101993	100018	AI853011	TC175809	null	null
39144	33940	AI853045	TC175427	cathepsin F	Mm.29561
32899	39768	AI854268	TC193215	null	null
64242	45340	AI854296	TC162342	null	Mm.34212
0	0	AI850841	TC183530	null	Mm.40893
8633	6865	AI850882	TC175764	double-stranded RNA-binding zi	Mm.22795
392831	460750	AI854277	TC190102	muscle-specific serine kinase	Mm.41679
95245	98907	AI854303	TC192693	null	Mm.35242
124852	93537	AI850851	TC176115	YSK2	Mm.42967
369921	260307	AI850890	TC188496	null	Mm.24457
94641	84601	AI853438	TC170157	null	Mm.44125
137601	144544	AI853464	TC202056	null	Mm.45146
246918	186174	AI854177	TC162024	nudix hydrolase	Mm.28705
35993	28649	AI854205	null	null	null
113120	148392	AI853445	TC207432	null	null
57685	35158	AI853472	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
95827	69357	AI854183	TC163400	null	Mm.46699
249439	170219	AI854211	TC159812	cytochrome c oxidase subunit V	Mm.14022
837449	630323	AI853070	TC159840	death effector domain-containi	Mm.22585
37797	40241	AI852356	TC186724	neuropilin	Mm.27448
78008	42044	AI852422	TC161847	null	Mm.34035
165235	211272	AI852449	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
0	0	AI852335	null	null	null
96622	85451	AI852368	TC162517	null	Mm.40686
1825499	1010393	AI852430	TC202065	peripheral myelin protein	Mm.1237
202666	240973	AI853570	TC201483	null	Mm.29601
236519	169380	AI853886	TC173885	null	Mm.33832
68756	57558	AI853905	null	null	null
53998	45076	AI853924	TC189042	null	Mm.27153
160274	135441	AI850997	TC189425	DNA-binding protein	Mm.37216
197504	174517	AI853889	TC189294	null	Mm.27562
45139	53694	AI851495	TC201235	developmental arteries and neu	Mm.25347
615316	564526	AI851503	TC157635	overexpressed in testicular tu	Mm.4962
42757	31814	AI851006	TC201097	null	Mm.28399
154635	97489	AI854232	TC173584	Impact	Mm.8154
112601	114381	AI854744	null	null	Mm.41368
52040	37068	AI854775	null	null	null
0	0	AI854808	TC175058	null	Mm.5259
213730	267964	AI854238	null	null	Mm.29911
97827	91410	AI854755	TC176804	null	Mm.31646
158624	216104	AI854782	TC187673	null	Mm.23445
526738	508487	AI854816	TC177517	ALK-6	Mm.39089
86698	52465	AI854587	TC162503	proline dehydrogenase; PRODH	Mm.28456
20843	17501	AI854612	null	null	Mm.40246
0	0	AI854637	TC205758	null	Mm.23157
206983	118167	AI851245	TC159993	succinate dehydrogenase Fp sub	Mm.22149
46148	40849	AI854593	TC175607	null	Mm.23947
66322	62434	AI854619	TC200678	vacuolar sorting protein VPS29	Mm.28356
24543	38556	AI854646	TC176663	invasion inducing protein	Mm.1211
31072	19043	AI851253	TC170197	null	Mm.40534

0	0	AA410118	TC200398	UBE-1c2	Mm.42795
12382	9137	AA407096	null	null	null
25796	30032	AA407298	TC160678	null	null
12632	10022	AA407758	TC188964	null	Mm.18658
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684266	460458	AA407187	TC157214	ubiquitin	Mm.235
1951561	1440953	AA407733	TC159796	calmodulin	Mm.2648
0	0	AA407855	null	null	null
298679	221390	AI851275	TC176815	arsenite-translocating ATPase	Mm.41475
238877	244473	AI851307	TC175245	null	Mm.37541
40040	23404	AI851098	TC162359	APEG-1 protein	Mm.2104
340334	230051	AI851160	TC159157	transmembrane protein TM9SF1	Mm.29649
45751	33093	AI851283	TC163726	null	Mm.40719
83247	81716	AI851074	TC162974	novel stromal cell protein	Mm.17958
79578	58883	AI851105	TC175802	null	Mm.28354
462486	233494	AI851168	TC159753	cytochrome c oxidase subunit V	Mm.16769
0	0	AA408160	TC164545	null	null
21108	14569	AA408278	TC158443	null	Mm.29927
0	0	AA408420	TC177315	null	Mm.27795
0	0	AA408513	TC187878	TF-1 apoptosis related protein	Mm.21650
31460	34249	AA408182	null	null	Mm.37214
40134	27176	AA408304	null	null	Mm.24486
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7552	8879	AA408518	TC193566	null	Mm.23210
19227	17711	AI854588	TC165299	null	null
37195	25080	AI854613	null	null	null
94261	65864	AI854638	TC173873	null	Mm.28675
255111	209223	AI851246	TC160396	D52	Mm.2777
181432	147322	AI854594	TC205923	null	null
70122	40280	AI854620	TC187594	null	Mm.31586
62778	31740	AI854647	TC188909	cationic amino acid transporte	Mm.5140
44369	26149	AI851254	TC183498	null	Mm.40902
0	0	AA406997	TC201207	myosin I	Mm.3390
39186	27808	AA407162	null	null	null
58267	71752	AA407299	TC160164	ribonucleotide reductase subun	Mm.99
23140	25996	AA407843	TC161532	null	Mm.198
16047	12772	AA407046	TC163888	null	Mm.21117
34113	26449	AA407204	TC202076	null	Mm.22449
423526	418697	AA407734	TC200267	V-1 protein	Mm.4143
25190	16695	AA407858	TC158381	null	Mm.3344
2493610	2422053	AI851276	TC174631	null	Mm.22374
146135	128183	AI851309	TC162381	null	Mm.28819
84280	90877	AI851099	TC194837	null	null
77171	55354	AI851161	TC180439	null	Mm.40023
199137	143984	AI851284	TC187166	reading frame interferon beta-	Mm.168
285210	135789	AI851075	TC198924	null	Mm.39641
55309	46594	AI851141	TC197066	null	Mm.40532
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0	0	AA408424	TC161464	null	Mm.821

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9474	14615 AA408449	null	null	Mm.16820
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145172	178430 AI854614	TC186814	null	Mm.24948
66270	60703 AI854639	TC200489	null	Mm.36900
40503	53246 AI851247	TC203121	null	Mm.24684
32871	33567 AI854595	TC164187	null	Mm.19957
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15537	12081 AI854648	TC200167	fibromodulin	Mm.41573
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11254	13430 AA407023	TC200669	null	Mm.30242
31049	31254 AA407180	null	null	null
16076	10383 AA407300	TC164003	null	Mm.22881
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107123	78603 AA407010	TC176560	null	Mm.28928
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19423	16711 AA407765	null	null	Mm.100529
250116	263692 AA407887	TC174133	null	Mm.22365
304196	298415 AI851277	TC209862	null	Mm.39735
270069	353410 AI851312	TC188197	MSSP	Mm.27230
124379	93608 AI851100	null	null	Mm.40900
57843	50913 AI851162	TC202040	null	Mm.36697
134156	86239 AI851285	TC177380	unknown	Mm.44161
66748	50888 AI851076	TC191289	null	Mm.32333
28736	26210 AI851142	TC176247	null	Mm.34617
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147291	122345 AA408148	TC176678	null	Mm.2465
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33682	26763 AA407993	TC200979	null	Mm.29902
23667	25908 AA408308	TC159749	null	Mm.27157
12186	22831 AA408450	TC160441	null	Mm.29187
23842	16179 AA408385	null	null	Mm.24493
70704	63436 AI854590	TC202332	null	Mm.28412
17021	15189 AI854615	null	null	Mm.21671
46322	33980 AI854640	TC206395	null	Mm.28984
26128	15575 AI851249	TC162003	null	Mm.27787
97337	91930 AI854596	TC187225	integrin binding protein kinas	Mm.8131
162198	160304 AI854622	TC201354	11-zinc-finger transcription f	Mm.493
48561	38936 AI854649	TC165994	null	null
141150	128198 AI851257	TC159949	syntenin	Mm.14744
40184	26814 AA407026	TC158337	tapasin	Mm.4975
0	0 AA407182	TC166012	null	Mm.37989
71668	51346 AA407270	TC163882	null	Mm.27585
10312	4122 AA407879	TC187703	DXImx46e protein	Mm.29297
0	0 AA407019	null	null	Mm.100527
117190	86314 AA407215	TC174439	null	Mm.34028

170961	230283	AA407767	TC174160	helix-loop-helix protein (ld)	Mm.90549
21459	32664	AA407974	null	null	Mm.3678
71402	61379	AI851278	null	null	null
473312	334451	AI851313	TC176411	null	Mm.28825
289349	204536	AI851102	TC202380	myosin binding protein-C	Mm.10728
56965	49612	AI851164	null	null	Mm.39223
74215	61319	AI851286	null	null	Mm.39895
98729	83860	AI851078	TC189573	null	Mm.21200
119385	83273	AI851143	TC204785	null	Mm.23131
335574	323179	AI851171	TC160840	null	Mm.44131
18712	19750	AA408153	TC205030	null	Mm.27054
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19505	17820	AA408426	TC158841	null	Mm.13052
0	0	AA408489	TC161939	null	Mm.18588
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37717	45853	AA408310	TC186862	centrosomin B	Mm.2238
0	0	AA408456	null	null	null
47975	54448	AA408541	null	null	null
188340	75113	AI854591	null	null	null
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0	0	AI854643	TC203051	null	Mm.46766
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107069	102214	AA407881	null	null	null
32750	32054	AA407066	TC176643	null	Mm.33192
50311	51561	AA407218	TC203573	NFATx	Mm.3107
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93567	77565	AI851279	null	null	Mm.39894
221847	161943	AI851314	null	null	null
268275	188457	AI851103	TC200313	null	Mm.29065
134898	130515	AI851165	TC179302	null	Mm.34070
88790	92280	AI851288	TC178130	null	Mm.27463
0	0	AI851079	TC183525	null	null
397288	336928	AI851144	TC170208	null	Mm.39421
529727	474766	AI851173	TC164724	null	Mm.68837
34639	22986	AA408156	null	null	Mm.3682
89390	46040	AA408298	TC190416	null	Mm.24485
0	0	AA408436	TC177644	null	Mm.38169
0	0	AA408490	TC173156	DBY protein	Mm.20950
0	0	AA408038	TC174901	null	Mm.24472
0	0	AA408311	TC176341	hypermethylated in cancer 1	Mm.57250
0	0	AA408396	null	null	Mm.24489
130779	129556	AA408545	TC174854	null	Mm.4467
531539	387353	AI854592	TC205252	null	Mm.23483

91562	76298	AI854618	null	null	null
161362	125245	AI854645	TC175880	null	Mm.33277
81769	74326	AI851251	TC162795	null	Mm.38442
258175	320875	AI854598	TC164832	null	Mm.40339
254818	289785	AI854624	null	null	Mm.21671
24014	16787	AI854653	TC162094	null	null
646313	626877	AI851259	TC173415	null	Mm.29719
63705	40288	AA407035	TC201923	mBLVR	Mm.28463
71032	79985	AA407184	TC160541	p33ING1 protein	Mm.25709
750234	533450	AA407320	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
92766	63494	AA407849	TC162892	null	Mm.22525
30255	26422	AA407055	TC176879	null	Mm.249
0	0	AA407196	TC201211	prolyl 4-hydroxylase alpha(II)	Mm.3705
1494211	1039839	AA407780	TC158844	immunoglobulin heavy chain-bin	Mm.103647
28346	30907	AA407980	TC164546	null	Mm.23987
78780	60032	AI851280	TC186798	the third largest RNA polymera	Mm.2186
104174	76707	AI851315	TC158381	null	Mm.21435
174719	136985	AI851104	TC160900	null	Mm.26697
253728	218784	AI851166	TC203033	FL10	null
469280	371291	AI851289	TC173427	null	Mm.5885
0	0	AI851080	TC177915	null	Mm.39702
345704	276968	AI851145	TC170211	null	Mm.39642
0	0	AI851174	null	null	Mm.39893
58585	39408	AA408181	TC160799	peripheral-type benzodiazepine	Mm.1508
14099	6859	AA408302	TC173156	DBY protein	Mm.20950
0	0	AA408441	TC201304	null	Mm.22087
0	0	AA408528	TC173786	null	Mm.27545
10720	25618	AA408042	TC175195	hepsin	Mm.19182
394278	524790	AA408313	null	null	Mm.1129
19585	18790	AA408288	TC161711	null	Mm.27687
80201	120331	AA408548	null	null	null
66574	48102	AW537980	null	null	Mm.102539
263165	223880	AW538033	null	null	null
34951	54987	AW538070	TC200390	APEX nuclease precursor	Mm.203
136154	113358	AW538125	TC188049	Dcra	Mm.7472
42045	33813	null	null	null	null
49620	43604	AW538041	TC163766	null	Mm.103522
77675	51160	AW538080	TC162898	null	Mm.23880
41113	29033	null	null	null	null
28671	34148	AW538976	TC173105	null	Mm.63
159788	216892	AW539204	TC201102	null	Mm.30036
16214	21439	AW539252	null	null	Mm.18494
35207	32413	AW539319	null	null	null
20113	15694	AW539091	TC213521	null	Mm.102573
110735	113844	AW539217	null	null	null
269822	286687	AW539262	TC203596	null	Mm.3764
1526740	1094678	AW539333	TC176480	2-5A synthetase (AA 1-367)	Mm.14301
151558	92084	AW542895	TC187768	epithelial zinc-finger EZF	Mm.4325
261670	386966	AW542954	TC202543	null	Mm.38736
219503	130044	AW543376	TC160894	unnamed protein product	Mm.27764
11984	9187	null	null	null	null

10493	18019	AW542912	TC176719	null	Mm.46029
28048	23535	AW543060	TC204478	null	Mm.40817
38961	34325	AW543393	TC184096	null	Mm.102716
50934	46245	AW543461	null	null	null
47762	45275	AW538183	TC160102	null	Mm.30019
32242	31112	AW538222	TC160625	null	Mm.29390
11801	13092	AW538298	null	null	Mm.28508
60439	333880	AW538349	TC173505	lipocortin I (AA 1-346)	Mm.14860
1459698	888291	AW538191	null	null	null
78662	44544	null	null	null	null
416980	256688	AW538312	TC200316	H2-IE-beta precursor	Mm.22564
219040	143736	AW538366	TC160612	null	Mm.29034
29873	28564	AW539366	TC205889	null	Mm.29850
14457	9101	AW539431	TC162135	null	Mm.38503
80342	59686	AW539491	null	null	Mm.102596
124095	123941	AW539545	TC201262	null	Mm.21500
198327	142090	AW539380	null	null	null
54915	45137	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
0	0	AW539505	TC187898	null	Mm.5202
40425	64455	AW539558	TC202404	null	Mm.15643
256896	283998	AW543515	TC160376	null	Mm.24874
0	0	AW543664	TC191228	null	Mm.20201
87040	60490	AW543727	TC201506	mitogen-activated protein kina	Mm.22612
239003	254718	AW543791	TC160023	null	Mm.80562
86640	69396	AW543529	TC201065	secretory carrier membrane pro	Mm.3230
113130	82567	AW543677	TC176821	null	Mm.34461
346355	377877	AW543750	TC160186	null	Mm.27190
14885	16821	AW543817	TC203572	BLM protein	Mm.12932
44449	35062	AW537981	TC189655	G gamma protein	Mm.102540
584235	408520	AW538035	TC160236	G protein beta 36 subunit	Mm.2344
62307	55556	AW538072	TC158344	null	Mm.86915
83878	87403	AW538128	TC161738	connexin 31	Mm.28078
66518	40594	AW537996	TC175227	neutral Sphingomyelinase	Mm.953
173708	151480	AW538044	null	null	Mm.102542
334336	237246	AW538082	TC187411	null	Mm.39726
0	0	AW538140	null	null	Mm.102545
97451	111854	AW538981	null	null	null
149376	116946	AW539206	TC174608	null	Mm.17231
340981	278669	AW539253	null	null	null
432586	436623	AW539320	null	null	Mm.30271
104078	70468	AW539092	TC174273	null	Mm.25320
91435	122578	AW539270	TC161559	null	Mm.43167
66849	102348	AW539335	TC162843	null	Mm.28795
49827	44413	AW542898	TC162317	null	Mm.17166
31823	26686	AW543044	null	null	Mm.25161
79634	78230	AW543380	TC174234	null	Mm.28876
110545	94294	AW543445	TC175970	serine proteinase inhibitor 6	Mm.3368
0	0	null	null	null	null
113631	106951	AW543063	TC160231	null	Mm.34315
169762	174429	AW543394	TC173625	axotrophin	Mm.18157
154932	130253	AW543465	null	null	Mm.102718



0	0	AW538185	TC157364	null	Mm.22367
27491	19142	AW538227	TC157845	null	Mm.41801
17173	16497	AW538299	TC201240	CDC6 protein	Mm.20912
15864	11612	AW538350	null	null	null
1703707	1000796	AW538193	TC162710	null	Mm.86786
182946	226626	AW538249	TC188075	null	Mm.28645
117433	157774	AW538315	TC174250	eIF-1A	Mm.1540
142838	147386	AW538368	TC158650	null	Mm.5274
579632	684565	AW539367	TC159689	ribosomal protein L23	Mm.16820
27127	20203	AW539434	TC162701	null	Mm.21884
91132	49736	null	null	null	null
266697	152089	AW539546	TC189832	null	Mm.24886
0	0	AW539381	null	null	Mm.102591
30468	25608	AW539447	TC200457	clathrin-associated AP-2 compl	Mm.18946
21198	31809	AW539506	TC175366	null	Mm.29734
784642	602211	AW539563	TC200173	null	Mm.29702
36180	31482	AW543518	TC157274	null	Mm.24140
268183	236156	AW543668	TC200372	integral membrane protein 1	Mm.2863
42030	36974	AW543738	TC188639	null	Mm.27952
44104	59603	AW543798	TC201879	null	Mm.37562
412980	319577	AW543608	TC173413	sid478p	Mm.1017
81335	92019	AW543678	TC200412	NIX	Mm.29820
21403	23378	AW543751	TC162361	null	Mm.41751
95142	81142	AW543818	TC175475	null	Mm.24159
73309	61684	AW537989	TC178069	null	Mm.102541
20084	28656	AW538036	TC174801	Efs	Mm.28543
84150	98882	AW538073	null	null	null
27803	39469	AW538132	TC188623	null	Mm.21824
412789	600530	AW538002	TC173071	unidentified reading frame	Mm.12858
276564	193402	AW538046	TC160465	P100 polymyositis-scleroderma	Mm.28159
377580	292022	AW538084	TC160291	null	Mm.25018
36398	53902	AW538141	TC162776	null	Mm.9916
397629	318467	AW538984	null	null	null
82585	82621	AW539211	TC187885	null	Mm.34818
1361294	1783582	AW539255	TC159992	FAF1	Mm.3722
124829	107658	AW539323	TC161149	null	Mm.22109
11530	10738	AW539093	TC158924	null	Mm.26217
224064	206589	AW539220	TC199900	null	Mm.45118
425838	350462	AW539271	TC175899	null	Mm.26690
50421	44331	AW539338	TC201380	C1 transcription factor	Mm.29375
334044	241099	AW542901	TC160010	null	Mm.24187
136760	115217	null	null	null	null
93691	68750	AW543386	TC162794	null	Mm.31267
55001	38104	AW543447	null	null	null
533574	428444	AW542916	TC160149	null	Mm.28464
258755	235745	AW543080	TC162332	null	Mm.30116
799775	698120	AW543395	TC159412	heterogenous nuclear ribonucle	Mm.16767
67431	74082	AW543466	TC173618	null	Mm.19015
39340	33478	AW538187	TC173766	null	Mm.30272
345966	361599	AW538230	null	null	null
204600	257758	AW538303	null	null	null

90007	85371	AW538352	TC173727	null	Mm.41374
122143	116508	AW538196	TC200882	null	Mm.21287
178391	134339	AW538251	TC200772	null	Mm.22485
355188	275161	AW538316	TC161367	mitochondrial dicarboxylate ca	Mm.3991
131919	167659	AW538369	TC174575	lamin B	Mm.4846
77726	60537	AW539369	null	null	null
12613	14917	AW539436	TC160971	null	Mm.36715
54659	60273	AW539494	TC200070	null	Mm.17362
85379	93477	AW539549	TC187569	null	Mm.36725
12240	12629	AW539385	TC203166	nemo-like kinase	Mm.9001
7806	8425	AW539449	TC200828	RS21-C6	Mm.29898
15568	10101	AW539510	TC200280	dystroglycan	Mm.7524
0	0	AW539567	TC187263	null	Mm.12831
109461	96927	AW543519	null	null	null
116276	91127	AW543669	null	null	null
153199	137978	AW543740	TC187693	translocase of inner mitochond	Mm.34791
39115	16398	AW543802	TC204790	DNase gamma	Mm.10287
128855	109507	AW543613	null	null	null
647064	706466	AW543679	null	null	null
105166	81005	AW543752	TC188096	null	Mm.22281
94619	117173	AW543820	TC199983	null	Mm.43452
48077	33788	AW537991	TC175446	null	Mm.25621
540864	559278	AW538038	TC200580	damage-specific DNA binding pr	Mm.29623
150222	209386	AW538074	TC186973	null	Mm.76081
264434	219027	AW538133	TC160975	null	Mm.29118
434834	639862	AW538002	TC173071	unidentified reading frame	Mm.12858
272053	231120	AW538048	TC187010	RING zinc finger protein	Mm.9326
28622	25436	null	null	null	null
103238	98186	AW538144	TC200443	Hrs binding Protein	Mm.32614
1055078	863262	AW538990	null	null	Mm.102572
49680	51847	AW539212	TC203749	null	Mm.86820
148727	209212	AW539326	null	null	Mm.102588
74233	57827	AW539099	TC202503	null	Mm.28816
85333	55228	null	null	null	null
177148	171989	AW539272	TC162119	null	Mm.27908
448391	759287	AW539342	TC200834	hepatoma transmembrane kinase	Mm.4005
179321	200120	AW542903	TC186903	inositol polyphosphate 5-phosp	Mm.30030
87285	58336	AW543050	TC175339	null	Mm.20697
97824	90011	AW543387	TC189722	AP-3 complex sigma3B subunit	Mm.2564
369616	368241	AW543448	null	null	null
78217	98492	AW542918	null	null	Mm.3317
51833	76278	AW543081	TC175766	null	Mm.25309
405496	368789	AW543396	null	null	null
67915	78629	AW543467	TC174324	UbcM4 interacting protein 48;	Mm.27934
18448	19179	AW538188	TC175341	cyclin E	Mm.16110
172408	154164	AW538235	null	null	null
401959	362598	AW538307	TC200063	null	Mm.25074
229234	226525	AW538357	TC173870	transcription factor Sp3	Mm.28513
75947	79650	AW538198	TC202870	osteoclast-specific 116-kDa V-	Mm.19185
303109	270780	AW538262	TC161641	null	Mm.28924
1022920	939757	AW538318	null	null	null

159134	150632	AW538374	TC189687	null	Mm.28596
1510187	887792	AW539371	TC186409	null	Mm.43822
182883	196149	AW539437	null	null	Mm.89137
0	0	AW539497	TC164012	null	Mm.6636
33379	23762	AW539554	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
834781	1004919	AW539386	TC160985	null	Mm.28870
16277	16113	AW539450	TC190240	null	Mm.19892
31975	24546	AW539511	TC174168	tyrosine kinase	Mm.21974
76554	118930	AW539579	null	null	Mm.102600
489360	344959	AW543520	null	null	null
135473	137474	AW543670	null	null	Mm.102723
36426	39260	AW543743	TC163177	null	Mm.44179
210002	260116	AW543803	null	null	null
19747	21857	AW543618	TC192154	null	Mm.23468
716618	544886	AW543680	TC173232	Mac-2 antigen (AA 1-264)	Mm.2970
333798	316060	AW543755	null	null	null
50489	48207	AW543822	TC188865	transcription factor Sp1	Mm.4618
204447	291447	AW537992	TC173063	null	Mm.30142
0	0	AW538039	TC189817	null	Mm.5434
36390	47859	AW538075	TC161438	fibrillarin	Mm.4595
26759	16825	AW538135	null	null	null
198266	231634	AW538002	TC173071	unidentified reading frame	Mm.12858
131683	112962	AW538050	TC170794	null	null
71725	58158	AW538087	TC188461	null	Mm.36699
107978	102413	null	null	null	null
0	0	AW538992	TC201088	26S proteasome, non-ATPase sub	Mm.27933
0	0	AW539213	TC177303	null	Mm.6053
34064	28753	AW539257	TC186814	null	Mm.24948
71913	115728	AW539329	TC206785	null	Mm.102589
0	0	AW539100	TC162400	null	Mm.28253
0	0	AW539221	null	null	null
0	0	AW539280	TC160409	null	Mm.44202
0	0	AW539343	null	null	null
0	0	AW542904	TC202630	null	Mm.29836
153960	103659	AW543056	TC200258	null	Mm.30147
0	0	AW543389	null	null	Mm.12909
29078	31059	AW543454	TC207019	null	Mm.31457
22180	25649	AW542919	TC201902	null	Mm.27544
144394	166513	AW543087	TC201393	null	Mm.28773
0	0	null	null	null	null
0	0	AW543469	TC189084	null	Mm.19126
85908	71757	AW538189	TC200280	dystroglycan	Mm.7524
223100	225456	AW538240	TC174356	null	Mm.26537
60571	54327	AW538310	TC162910	null	Mm.46741
664287	896323	AW538359	TC158805	ribosomal protein S2	Mm.1129
56438	56939	AW538199	TC191450	null	Mm.6215
0	0	AW538264	null	null	null
218186	196087	AW538325	TC176228	null	Mm.41160
82803	74875	AW538376	TC162441	null	Mm.41786
47190	67616	AW539376	TC206951	null	Mm.54737
195311	175893	AW539443	null	null	null

36329	34022	AW539499	TC159184	null	Mm.52356
57438	25050	AW539555	TC162893	precursor NEFA protein	Mm.9901
65163	69535	AW539387	null	null	null
0	0	AW539452	TC180450	null	Mm.102593
0	0	AW539512	TC201922	null	Mm.30122
0	0	null	null	null	null
461128	433629	AW543524	TC174426	adenylosuccinate synthetase	Mm.6317
113086	83474	AW543672	null	null	Mm.27246
222936	254445	AW543745	TC187501	eIF3-p44	Mm.30080
54119	65636	AW543811	TC161123	null	Mm.28742
247857	285508	AW543620	TC175307	null	Mm.27878
379181	302865	AW543682	TC175092	putative gap junction protein	Mm.7604
2592798	2479077	AW543756	null	null	null
39944	26686	AW543824	TC166711	null	Mm.31213
237494	186369	AW537993	TC161251	null	Mm.28171
97544	65214	AW538040	TC202064	cysteine-rich repeat-contains	Mm.19271
0	0	AW538077	null	null	Mm.102544
239214	229492	AW538136	TC175134	putative chloride channel prot	Mm.22727
0	0	AW538007	null	null	null
46718	45663	AW538051	TC188015	null	Mm.12441
1159895	905871	null	null	null	null
39602	41165	AW538151	null	null	Mm.102546
85338	103311	AW539080	TC200097	null	Mm.622
749168	764192	AW539214	TC163108	null	Mm.19223
31031	20360	AW539258	TC174876	cyclin C protein	Mm.32383
110370	136746	AW539331	null	null	Mm.297
110755	95333	AW539101	TC190543	null	Mm.44865
91901	73948	AW539224	null	null	null
38420	40764	AW539286	TC174079	null	Mm.5875
464322	417724	AW539344	null	null	null
217727	262953	AW542909	TC159918	null	Mm.2756
0	0	AW543058	TC203802	null	Mm.18130
17647	15951	AW543390	TC174739	null	Mm.21353
0	0	AW543456	TC160583	decidual PRL-related protein	Mm.35840
0	0	AW542924	TC157823	null	Mm.35105
27066	21987	AW543088	null	null	null
31016	30224	AW543400	TC161936	null	Mm.41690
91806	93885	AW543475	TC158924	null	Mm.26217
690154	358773	AW538190	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
69701	60821	AW538243	TC184112	null	null
35210	32730	AW538311	TC161789	placental PRL-like protein E	Mm.87973
1319756	1557501	AW538365	null	null	null
162708	185503	AW538200	TC159096	null	Mm.28095
1724106	1122187	AW538269	null	null	null
179124	145057	AW538326	TC204890	null	Mm.50596
0	0	AW538378	TC162042	null	Mm.24591
1303190	1360709	AW539377	null	null	null
27266	20268	AW539445	TC201670	cupidin	Mm.228
0	0	AW539501	TC197662	null	Mm.102597
0	0	AW539556	TC201896	null	Mm.28333
0	0	AW539389	null	null	Mm.102592

32368	30831	AW539454	null	null	Mm.102594
0	0	AW539513	TC173976	RING1B protein	Mm.31512
33307	18955	AW539581	TC159076	null	Mm.46687
165321	216335	AW543528	TC176957	null	Mm.103500
231462	170544	AW543673	TC187202	null	Mm.29828
133579	119174	AW543748	TC159059	myosin I beta	Mm.25194
278411	291976	AW543815	null	null	null
44882	58957	AW543621	TC188008	mORC2L	Mm.3411
481055	920718	AW543683	TC159415	nucleolin	Mm.4907
0	0	AW543759	TC211349	null	Mm.102726
230776	219763	AW543826	TC186547	GTP-binding protein	Mm.21905
514725	243152	AW544502	TC159523	sodium/potassium ATPase beta	Mm.4550
1825409	1333281	AW544560	TC159796	calmodulin	Mm.2648
26271	29700	AW544641	TC175742	null	Mm.45169
49735	31891	AW544709	TC202161	null	Mm.86867
258363	165428	AW544515	TC173114	ARL-6 interacting protein-1	Mm.29924
755671	753675	AW544577	TC202257	null	Mm.40295
71038	48947	AW544661	TC203337	LOK	Mm.8235
17509	13877	AW544728	TC187577	alkaline phosphatase	Mm.1265
971905	772754	AW545825	null	null	null
681196	511843	AW536076	null	null	null
29899	24554	AW536120	TC188544	null	Mm.44082
20391	18463	AW545836	TC161930	null	Mm.22385
15455	15620	AW536086	TC189452	null	Mm.30190
103975	119446	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
46244	60971	AW536751	TC160711	pLK	Mm.16525
297078	313603	AW536795	TC160086	protein kinase	Mm.1761
191217	224526	null	null	null	null
579331	690927	AW536875	TC159785	null	Mm.2050
10964	7508	AW536758	null	null	null
186460	223735	AW536805	TC186487	non-histone chromosomal high-m	Mm.16421
10156	7042	AW536836	TC161653	MAP Kinase Kinase	Mm.14487
410247	474242	AW536875	TC159785	null	Mm.2050
486493	372335	AW544782	null	null	null
46567	32925	AW544837	TC197625	null	Mm.102647
236100	168386	null	null	null	null
39160	37018	AW544956	TC164851	null	Mm.102774
436125	535201	AW544801	TC186566	DN38	Mm.3797
1371496	1378806	AW544848	null	null	null
36665	29292	AW544905	TC159156	null	Mm.104563
121449	102822	AW544990	TC157694	GDP-dissociation inhibitor	Mm.28084
264753	255231	AW536180	null	null	null
506450	437233	AW536207	TC186465	null	Mm.21840
22762	16924	AW536255	TC190885	null	Mm.23847
43990	36823	AW536290	TC187882	null	Mm.41541
20658	15756	AW536185	TC158317	null	Mm.3862
116102	94496	AW536215	TC160503	extending	Mm.4540
327258	218229	AW536264	TC160855	fumarase	Mm.41502
80110	59216	AW536302	TC187688	null	Mm.28875
19950	12505	AW536912	TC164421	null	Mm.44429
179986	168147	AW536970	TC190604	null	Mm.45065

40532	42939	AW537012	TC161199	null	Mm.3779
736900	846593	AW537056	TC189977	octamer-binding protein 4	Mm.17031
73418	100274	AW536927	TC201579	null	Mm.30666
105709	103873	AW536978	TC204719	null	Mm.102025
18657	15374	AW537023	TC204631	null	Mm.63694
70458	78129	AW537069	TC174159	null	Mm.34763
0	0	AW544503	TC179118	null	null
19101	16480	AW544562	TC167189	null	Mm.80879
205003	145854	AW544651	TC174390	null	Mm.13705
420698	377494	AW544713	TC158869	null	Mm.186
223805	180412	AW544517	TC188279	null	Mm.28711
243250	230566	AW544580	TC157624	null	Mm.28339
386358	373362	AW544666	TC187463	null	Mm.21556
15048	19110	AW544730	TC202479	null	Mm.40762
7122	4956	AW545826	null	null	null
94064	73622	AW536078	TC188580	null	Mm.24025
54766	51731	AW536126	TC190228	phosphatidylinositol 4-phospha	Mm.3191
137340	214862	AW545839	TC186566	DN38	Mm.3797
170522	90688	AW536087	TC202294	null	Mm.30130
158309	200756	AW536137	TC160300	CCT (chaperonin containing TCP	Mm.1813
7776	10093	AW536752	TC174893	null	Mm.62046
324495	348284	AW536798	TC186841	null	Mm.24703
211601	207738	AW536828	TC173705	null	Mm.28693
92258	114427	AW536867	TC201734	null	Mm.34105
0	0	AW536762	null	null	Mm.102512
25398	31302	AW536806	TC200343	null	Mm.18583
20744	20201	AW536837	null	null	Mm.45683
629100	573984	AW536880	TC186557	null	Mm.29057
255571	272218	AW544786	null	null	null
108615	81901	AW544840	TC175773	null	Mm.103542
190388	153713	AW544885	TC175155	null	Mm.28103
88178	72871	null	null	null	null
1045595	745283	AW544803	TC159729	ferritin light chain	Mm.7500
205704	133836	AW544850	TC159102	null	Mm.21596
41332	38470	AW544907	null	null	Mm.4735
112274	164088	AW544992	TC201140	null	Mm.38832
260939	262051	AW536182	null	null	Mm.28375
420997	381047	AW536207	TC186465	null	Mm.21840
854622	420842	null	null	null	null
55313	52179	AW536294	TC160930	null	Mm.25231
555689	780971	AW536186	TC186375	PO protein	Mm.5286
475492	532241	AW536216	TC159528	alpha-tubulin	Mm.4591
101002	94553	AW536265	TC202378	PKR-associating protein RAX	Mm.82561
40428	43416	null	null	null	null
108954	117507	AW536914	null	null	Mm.102515
1556006	1928490	AW536971	TC159524	ribosomal protein L5	Mm.4419
211581	246957	AW537013	TC173911	BAF57	Mm.27330
56004	61898	AW537059	TC175293	null	Mm.34493
25198	25562	AW536929	TC163813	null	Mm.103496
11064	9799	null	null	null	null
0	0	AW537024	TC174327	null	Mm.41438

241964	238385	AW537070	TC186914	null	Mm.25994
158564	163446	AW544505	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
97698	131144	null	null	null	null
36513	24125	AW544652	TC161551	null	Mm.23173
236798	234771	AW544719	TC189808	null	Mm.40284
73570	77505	AW544518	TC205026	null	Mm.46191
366279	290999	AW544588	TC173533	protein kinase C inhibitor	Mm.425
144336	128030	AW544671	null	null	Mm.30132
58171	37872	AW544732	TC186958	null	Mm.101782
1832685	1125094	AW545830	null	null	null
9485	13488	AW536081	null	null	null
112769	112310	AW536127	TC201639	null	Mm.5274
154766	151260	AW536144	TC173599	null	Mm.6118
19839	15532	AW536090	TC204566	null	Mm.100638
202062	101842	AW536138	TC186643	glucosamine-6-phosphate deamin	Mm.5736
395727	290153	AW536161	TC159729	ferritin light chain	Mm.7500
134586	85147	AW536753	TC187851	null	Mm.31778
176552	203632	AW536799	TC189383	null	Mm.34139
122732	117064	AW536832	TC188227	null	Mm.22669
68895	61236	AW536870	TC158375	null	Mm.21716
18940	21160	AW536765	TC189237	reticulocalbin	Mm.4876
31906	115022	AW536807	TC186498	F52	Mm.2769
301678	249258	AW536838	TC187278	magnesium dependent protein ph	Mm.3766
135806	152954	AW536884	TC191322	null	Mm.18737
174717	149028	AW544787	TC162696	Ext1	Mm.1424
215829	186828	AW544842	TC163549	null	Mm.33803
67155	61781	AW544886	TC190362	null	Mm.57269
65423	46644	AW544981	TC191469	null	Mm.3369
158724	164112	AW544804	TC188341	null	Mm.28232
67242	56624	AW544851	null	null	Mm.102602
84741	76911	AW544910	TC157205	null	Mm.43005
0	0	AW544994	TC157242	Kiz-1	Mm.15409
295256	290536	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
25364	27879	AW536208	TC174250	eIF-1A	Mm.1540
431078	397609	AW536256	TC200305	partial homology to cytochrome	Mm.30072
110172	83561	AW536295	null	null	null
1551534	2088054	AW536186	TC186375	PO protein	Mm.5286
157556	155676	AW536218	TC160157	Wdr1 protein	Mm.2654
1136104	682491	AW536267	null	null	Mm.102498
296367	284003	AW536303	TC199927	null	Mm.31435
1109944	822822	AW536916	TC173148	adenine nucleotide translocase	Mm.658
1624424	2110029	AW536971	TC159524	ribosomal protein L5	Mm.4419
162215	482768	AW537016	TC159637	cathepsin L	Mm.930
86049	98729	AW537061	TC175265	null	Mm.46507
429157	518669	AW536931	TC174558	null	Mm.219
21696	24218	AW536981	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308
15410	9694	AW537025	TC174864	null	Mm.21470
42568	33456	AW537071	TC203174	null	Mm.11660
419749	222949	AW544506	TC160708	4-trimethylaminobutyraldehyde	Mm.29803
374676	321646	AW544567	TC180464	null	Mm.102679
27975	32930	AW544654	TC189768	null	Mm.86399

192318	163785	AW544721	TC188717	null	Mm.41936
0	0	AW544521	TC200469	microtubule-associated protein	Mm.12625
115139	116781	AW544589	TC160282	APC-binding protein EB1 homolo	Mm.18418
20372	14554	AW544672	null	null	null
39436	33842	AW544734	TC203924	null	Mm.103426
71797	48901	null	null	null	null
26894	26995	AW536083	TC175032	null	Mm.41029
0	0	AW536132	TC201916	null	Mm.24054
0	0	AW536149	TC160259	ATRX protein	Mm.10141
119336	70184	AW536092	TC160595	null	Mm.28597
403293	303582	AW536140	TC158172	heat shock-like protein	Mm.1843
0	0	AW536161	TC159729	ferritin light chain	Mm.7500
359404	353898	AW536755	TC173767	null	Mm.30069
159164	170749	AW536801	TC174946	null	Mm.21735
108279	133515	AW536833	TC162156	null	Mm.24737
81441	68410	AW536873	TC173275	deoxyribonuclease I	Mm.38470
505719	481809	AW536769	null	null	null
1155350	1616786	AW536808	TC159762	G protein beta subunit like	Mm.5305
51246	42039	AW536839	TC160657	SKD3	Mm.3990
46552	81108	AW536886	TC160389	null	Mm.29363
577233	380796	AW544792	TC158353	cyclin E2	Mm.61892
30727	27961	AW544844	TC205976	null	Mm.83637
330825	275728	AW544887	TC158455	null	Mm.22936
168069	330757	AW544982	TC174062	squalene epoxidase	Mm.22663
976100	1257182	AW544805	TC173757	SYNCRIP	Mm.27972
836664	508266	AW544857	TC160307	null	Mm.29051
19062	16767	AW544913	TC194084	null	Mm.102692
572687	682116	AW544996	TC187493	mannose-6-phosphate-receptor	Mm.1358
147139	211035	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
71446	55907	AW536209	TC203380	null	Mm.31550
1740523	1017554	AW536258	TC188538	tripeptidyl-peptidase ii	Mm.28867
95536	93089	AW536297	TC161963	null	Mm.28811
126283	108843	AW536188	TC205998	null	Mm.32430
68170	86727	AW536219	TC161776	null	Mm.40292
64376	88420	AW536269	TC202005	null	Mm.23224
311295	283564	AW536307	TC187301	null	Mm.20315
144544	128896	AW536921	TC200530	null	Mm.27671
607820	841285	AW536971	TC159524	ribosomal protein L5	Mm.4419
0	0	AW537016	TC159637	cathepsin L	Mm.930
36452	33928	AW537063	TC178038	null	Mm.2718
54180	58390	AW536933	TC162180	null	Mm.28684
608689	863293	AW536982	TC159684	synapsin Ib	Mm.20936
897734	936621	AW537026	TC159862	RFG	Mm.28261
182792	226707	AW537072	TC187763	cyclophilin C	Mm.4587
0	0	AW544507	TC160198	LIM domains containing protein	Mm.10987
21991	21589	null	null	null	null
0	0	AW544655	null	null	Mm.1318
51138	30534	AW544724	TC184101	null	Mm.102758
0	0	AW544525	TC201160	UGTrel1	Mm.4593
914640	790951	AW544592	null	null	null
120283	106834	AW544673	null	null	null



137401	108452	AW544737	TC158284	vacuolar H(+)-ATPase	Mm.30155
100364	112777	AW545835	TC160142	Smt3A protein	Mm.24433
0	0	AW536084	null	null	null
0	0	AW536133	TC166369	null	Mm.100644
138747	131188	AW536151	TC159545	heat shock protein 65	Mm.1777
0	0	null	null	null	null
275770	262458	AW536140	TC158172	heat shock-like protein	Mm.1843
0	0	AW536161	TC159729	ferritin light chain	Mm.7500
214444	329922	AW536757	null	null	Mm.28805
429671	453349	AW536803	TC158268	thymic shared antigen-1	Mm.788
0	0	AW536834	TC205131	null	Mm.103499
24592	25510	AW536866	TC158589	second largest subunit of RNA	Mm.34589
0	0	AW536770	TC163375	transcription factor TFEb	Mm.2305
132450	166941	AW536809	null	null	null
70784	73547	AW536842	TC201261	fibroblast growth factor induc	Mm.14501
0	0	AW536887	TC179008	null	Mm.3055
370537	281220	AW544793	null	null	Mm.102763
26702	32106	AW544846	TC176377	gene trap locus-13	Mm.25164
62700	45524	null	null	null	null
544537	393562	AW544985	TC186397	null	Mm.3381
158578	156528	AW544806	TC190980	null	Mm.25159
128257	119922	AW544858	TC173781	von Hippel-Lindau binding prot	Mm.8294
465247	431043	AW544915	TC188510	null	Mm.41271
931068	800899	AW545004	null	null	null
341103	438010	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
0	0	AW536210	TC203724	null	Mm.29304
84187	103972	AW536259	TC173691	putative CCAAT binding factor	Mm.28845
83639	81463	AW536299	TC200262	null	Mm.29641
0	0	AW536189	TC200520	proliferation-associated prote	Mm.4742
0	0	AW536221	TC212909	null	Mm.101633
587480	708757	AW536271	TC200161	null	Mm.1538
45517	34464	null	null	null	null
80875	117039	AW536922	TC189112	null	Mm.23666
746271	864852	AW536971	TC159524	ribosomal protein L5	Mm.4419
18522	15927	AW537017	TC158920	ornithine decarboxylase, ODC {	Mm.15259
19612	20322	AW537064	TC163928	null	Mm.45759
22194	41410	AW536937	TC188197	MSSP	Mm.27230
815229	1167797	AW536982	TC159684	synapsin Ib	Mm.20936
569221	545255	AW537028	null	null	null
562755	825899	AW537074	TC174136	cathepsin H	Mm.2277
156559	162521	AW544513	TC189364	null	Mm.41563
32802	57229	AW544660	TC191497	null	Mm.103353
1548341	1714259	AW544726	TC186539	14-3-3 zeta protein	Mm.3360
423461	377951	AW544526	null	null	null
45742	41183	AW544597	TC189957	null	Mm.30464
178342	186815	AW544674	TC189077	null	Mm.38390
24924	24081	AW544738	null	null	Mm.34674
80813	78498	AW545835	TC160142	Smt3A protein	Mm.24433
543164	744127	AW536085	null	null	Mm.188
213372	128725	AW536136	TC191575	null	Mm.24247
316130	282343	AW536151	TC159545	heat shock protein 65	Mm.1777

49586	28156	AW536094	TC204265	DNA binding protein	Mm.3318
343922	313337	AW536140	TC158172	heat shock-like protein	Mm.1843
1058189	873874	AW536162	TC159810	lactate dehydrogenase	Mm.26504
573948	903193	AW536757	null	null	Mm.28805
169513	188876	AW536804	null	null	null
206519	193385	AW536835	TC200964	unnamed protein product	Mm.18230
578073	774398	AW536875	TC159785	null	Mm.2050
26391	38402	AW536772	TC163843	null	Mm.40290
294554	283235	AW536810	TC200283	null	Mm.28049
237686	272556	AW536843	TC200088	CCT (chaperonin containing TCP	Mm.6821
0	0	AW536892	TC157452	null	Mm.77586
260759	214274	AW544795	TC203183	null	Mm.23065
122474	129027	AW544847	TC187514	null	Mm.29356
84918	181589	AW544893	TC174461	null	Mm.29101
204794	189766	AW544986	TC160964	serine/threonine protein kinas	Mm.4082
0	0	AW544808	TC190225	null	Mm.17800
157154	87948	AW544861	TC197636	null	Mm.102765
86214	76528	AW544921	TC189506	null	Mm.4563
54769	58667	AW545005	TC203792	null	Mm.89821
247886	330190	AW536183	TC199947	CCT (chaperonin containing TCP	Mm.3576
134050	147341	AW536212	TC203235	null	Mm.46788
149206	175660	AW536262	TC175809	null	Mm.45993
73407	87001	AW536301	TC160997	null	Mm.7588
129634	114387	AW536190	null	null	null
43420	37860	AW536222	TC160036	embigin precursor	Mm.89123
253675	344321	AW536271	TC200161	null	Mm.1538
1334259	1145670	AW536311	null	null	Mm.2944
738526	1070699	AW536926	TC160945	null	Mm.28540
512015	548822	AW536972	TC177296	null	Mm.33152
0	0	AW537021	TC163440	rab17	Mm.46396
113525	182791	AW537067	TC187405	null	Mm.6691
0	0	AW536942	TC188197	MSSP	Mm.27230
58817	47417	AW536983	TC203916	null	Mm.31972
37488	42716	AW537030	TC162552	null	Mm.41635
59835	72582	null	null	null	null
0	0	AW537551	TC174206	ATP-binding cassette protein	Mm.27135
25289	18430	AW537615	TC176089	ORC1-related protein	Mm.42024
150540	79362	AW537659	TC200171	null	Mm.972
46970	38484	AW537752	TC176494	null	Mm.25078
53931	52776	AW537567	TC175108	null	Mm.10153
182033	192144	AW537625	TC160376	null	Mm.24874
16557	13665	AW537669	TC173550	methyl purine glycosylase	Mm.33019
0	0	AW537767	TC166418	null	Mm.102530
49263	34001	C76863	TC175577	null	Mm.5544
47534	48639	C76948	null	null	null
73165	46776	C77017	null	null	null
0	0	C77096	null	null	null
271606	171466	C76882	null	null	null
381827	282724	C76958	TC168422	null	Mm.24927
10773	10696	C77044	null	null	null
32639	28979	C77108	TC163468	null	Mm.24937

12758	11431	C78069	TC188162	null	Mm.27932
14687	10713	C78148	null	null	null
389111	327234	C78257	null	null	Mm.34497
60522	51309	C78336	TC160550	h2-calponin	Mm.21776
136389	98665	C78087	null	null	null
44979	33106	C78172	null	null	null
27321	15550	C78278	null	null	null
0	0	C78361	TC194121	null	null
74916	123153	AW537799	TC174154	SIK similar protein	Mm.10303
60396	45522	AW537704	TC188859	null	Mm.28898
13051	10545	C76065	null	null	null
34747	48368	AW537811	TC161652	null	Mm.33425
576030	446699	AW537717	null	null	Mm.102535
26463	16692	C75994	null	null	null
77457	67810	C76081	TC174185	null	Mm.24488
0	0	C77164	null	null	null
0	0	C77257	null	null	Mm.5593
0	0	C77333	null	null	null
45190	27607	C77414	TC176420	G protein-coupled receptor Rec	Mm.4772
81131	75348	C77183	null	null	null
2452507	1543948	C77281	TC157774	p120	Mm.35738
0	0	C77347	null	null	null
48676	33034	C77432	TC160201	null	Mm.21450
30132	34875	C78423	TC163391	null	Mm.44200
0	0	C78485	null	null	null
302840	379182	C78555	TC201916	null	Mm.23207
9879	7520	C78625	null	null	null
13301	10221	C78441	null	null	Mm.34945
30174	27197	C78507	TC160881	null	Mm.17009
41478	30660	C78568	null	null	null
21985	16733	C78643	TC206223	null	Mm.34938
64768	84678	AW537558	TC201814	null	Mm.31227
398062	372783	AW537616	TC187397	null	Mm.24036
0	0	AW537661	TC200446	RNA polymerase I associated fa	Mm.26772
40992	26862	AW537756	null	null	Mm.102529
16320	14771	AW537568	TC174912	null	Mm.27234
89583	75552	AW537632	TC159100	null	Mm.104
34057	26771	AW537670	TC159036	heat shock protein 40	Mm.2982
0	0	AW537768	TC158178	297 aa protein	Mm.890
575356	470854	C76867	TC165243	null	Mm.19311
652222	589470	C76949	TC159894	proteasome subunit C10-II	Mm.21874
115882	118706	C77018	TC200213	ras-GTPase-activating protein	Mm.2411
5504	5464	C77097	null	null	null
276826	168459	C76884	TC197232	null	Mm.31742
71492	57488	C76960	TC163057	beta-2-andrenergic receptor	Mm.5598
14279	15821	C77049	TC199159	null	null
11493	8186	C77110	null	null	null
37909	34801	C78075	TC166769	null	Mm.24970
742362	616843	C78150	TC174006	null	Mm.29192
16414	13775	C78261	null	null	null
12653	15340	C78344	null	null	Mm.35613

33402	31616	C78089	null	null	null
18170	21508	C78173	null	null	Mm.90056
52704	33587	C78280	null	null	null
25608	18572	C78367	TC163353	null	Mm.22747
143919	138923	AW537800	TC200694	null	Mm.28538
242913	275888	AW537705	TC162539	aspartate transcarbamylase	Mm.29394
186410	145940	C75972	TC178640	putative basolateral cTAL chlo	Mm.24882
208992	158977	C76071	TC162321	pc-tp2	Mm.28896
293079	429192	AW537812	TC173217	HMG-17 protein (AA 1 - 90)	Mm.911
207946	170866	AW537724	TC188043	null	Mm.29989
121522	97357	C75999	TC187731	epidermal growth factor recept	Mm.17500
22830	27211	C76092	TC202007	null	Mm.30248
0	0	C77168	TC205734	null	Mm.24954
0	0	C77258	TC191290	null	Mm.23288
42038	41283	C77338	TC164087	null	Mm.30031
9843	9972	C77420	null	null	null
21354	18320	C77196	TC164433	null	Mm.24944
129376	125812	C77282	null	null	null
96135	126361	C77352	TC201291	null	Mm.23713
12121	12154	C77438	null	null	null
321033	225805	C78426	TC161137	null	Mm.21194
26771	31457	C78486	TC189018	null	Mm.28215
16194	16550	C78560	null	null	null
9992	10656	C78632	null	null	null
16126	17835	C78444	null	null	Mm.24992
672471	549733	C78511	TC187004	null	Mm.17912
41230	34368	C78571	TC177364	null	Mm.27284
19428	17748	C78651	null	null	Mm.24996
93993	99271	AW537561	TC159707	SPARC (aa 1-302)	Mm.35439
263240	270305	AW537619	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
0	0	AW537662	TC158626	null	Mm.30187
0	0	AW537758	TC206411	null	Mm.32554
58630	43111	AW537569	TC187997	phospholipid scramblase 3	Mm.28874
533556	479421	null	null	null	null
124352	177655	AW537671	TC186974	null	Mm.385
39309	56544	AW537769	TC160267	Dhm1 protein	Mm.3065
91507	83267	C76870	TC158475	null	Mm.32746
87951	86819	C76950	null	null	null
61917	50844	C77024	null	null	null
13354	11124	C77099	TC177623	null	Mm.5572
581720	353837	C76892	null	null	null
349811	431661	C76965	TC202315	NG22	Mm.29004
165949	135564	C77052	TC176671	null	Mm.29450
465607	407265	C77111	TC188637	null	Mm.28059
278846	254975	C78076	TC192902	null	Mm.5675
29077	30984	C78157	null	null	null
50789	44412	C78262	null	null	null
22585	22975	C78346	null	null	null
160222	190649	C78091	TC160175	serine-threonine kinase recept	Mm.22584
28897	22883	C78176	null	null	null
59343	27853	C78283	null	null	null

16272	13909	C78373	null	null	null
176041	143509	AW537801	TC163193	null	Mm.34134
145256	189419	AW537708	TC174896	platelet-derived growth factor	Mm.2924
31077	36398	C75983	null	null	null
0	0	C76073	TC173596	SATB1	Mm.4381
135746	157210	AW537813	TC174021	null	Mm.24209
301731	249646	AW537725	null	null	Mm.102536
190978	152228	C76001	TC178854	null	Mm.31327
0	0	C76094	null	null	null
35852	56105	C77170	TC178145	null	Mm.24942
0	0	C77263	null	null	Mm.24934
0	0	C77341	null	null	Mm.24951
80544	63353	C77425	TC176870	Vanin-1	Mm.27154
510858	322886	C77199	TC189246	null	Mm.28086
18319	33146	C77289	TC161272	GCN5 histone acetyltransferase	Mm.27559
242116	336238	C77361	TC200756	DNA topoisomerase IIalpha	Mm.4237
0	0	C77448	null	null	null
1094363	638844	C78427	TC200408	protein co-factor	Mm.27842
116780	140370	C78494	TC202415	null	Mm.22094
34268	33569	C78563	TC202451	null	Mm.28388
20369	16091	C78633	null	null	null
417240	422818	C78445	TC158467	null	Mm.4261
55239	54055	C78513	null	null	Mm.37806
1619014	379603	C78577	TC190558	null	Mm.26930
115546	94198	C78653	null	null	null
8646	6246	AW537563	TC159815	null	Mm.18700
88914	78971	AW537620	TC190007	null	Mm.32527
34723	28766	AW537663	TC162607	null	Mm.29255
27321	22618	AW537759	TC187065	integrin beta-5	Mm.6424
71777	59304	AW537576	TC173215	USF2	Mm.15781
821714	775070	AW537634	null	null	null
51113	47939	AW537674	TC203384	null	Mm.5267
21699	18738	AW537770	TC199439	null	Mm.102531
88031	64678	C76872	null	null	null
303649	200059	C76954	TC173902	GM2 activator protein	Mm.4140
42698	32647	C77028	TC202835	null	Mm.5727
102431	132323	C77101	null	null	null
68607	63143	C76899	null	null	null
42881	46630	C76966	null	null	Mm.24939
946524	867011	C77053	TC161769	glycolipid transfer protein	Mm.22986
10257	7572	C77112	null	null	Mm.5574
250290	244135	C78081	null	null	null
83848	87712	C78162	null	null	null
438736	731517	C78264	TC173131	null	Mm.29859
549392	704509	C78347	TC176650	null	Mm.27495
61305	48235	C78093	null	null	null
97496	86518	C78183	TC157970	null	Mm.80592
19725	19732	C78292	null	null	Mm.24991
1361573	1088362	C78376	TC196254	null	Mm.37386
46589	41527	AW537802	TC157968	null	Mm.104092
120185	114899	AW537712	TC200715	nucleolar protein	Mm.3716

47389	162049	C75984	TC196460	null	Mm.33438
14338	8979	C76076	null	null	Mm.34927
103164	98224	AW537814	TC177824	Zfp75p	Mm.12916
799568	797906	AW537726	TC159918	null	Mm.2756
17966	21031	C76002	null	null	Mm.5438
142245	115289	C76098	TC189351	null	Mm.24893
46872	37476	C77180	TC162254	null	Mm.22213
29515	17836	C77266	null	null	null
23160	16322	C77342	TC176803	REX-1 protein (put.); putative	Mm.3396
0	0	C77427	TC187951	bystin	Mm.27291
0	0	C77202	null	null	null
0	0	C77290	null	null	null
42730	39781	C77364	TC160843	DNA ligase I	Mm.1013
20958	22801	C77451	null	null	Mm.103684
48733	43960	C78430	TC158412	Cdc25a	Mm.29800
229791	192462	C78502	TC186760	BS4 peptide	Mm.5856
0	0	C78564	null	null	null
126315	115910	C78634	TC201593	null	Mm.29529
47927	32371	C78447	TC187674	BING4	Mm.2437
0	0	C78515	null	null	null
995497	1035251	C78582	TC203675	null	Mm.6772
283670	227249	C78656	TC200869	NADH-ubiquinone oxidoreductase	Mm.14442
250964	217147	AW537564	TC185383	null	Mm.102528
296943	278413	AW537621	TC186711	coat protein gamma-cop	Mm.30183
0	0	AW537667	TC160039	nonclathrin coat protein zeta-	Mm.29473
0	0	AW537764	TC189587	null	Mm.21201
0	0	AW537581	TC199436	null	null
0	0	AW537638	TC188407	null	Mm.23021
0	0	AW537675	TC187312	putative RNA helicase and RNA	Mm.993
348454	301871	AW537772	TC188464	Ankhnzn	Mm.10313
44257	40440	C76876	null	null	null
159620	155748	C76955	null	null	null
14778	13849	C77031	null	null	Mm.16893
50117	41174	C77102	null	null	null
215985	181784	C76904	TC189844	null	Mm.23885
7867	1958	C76969	TC187847	null	Mm.24110
0	0	C77054	TC201834	serine/threonine kinase	Mm.5379
0	0	C77114	TC187309	null	Mm.1444
0	0	C78082	TC164495	null	Mm.80638
0	0	C78164	null	null	null
181167	151569	C78265	null	null	Mm.35835
70840	43257	C78353	TC173689	null	Mm.24169
0	0	C78094	null	null	null
1197652	1176898	C78185	null	null	null
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0	0	C78379	null	null	null
801965	1085414	AW537805	TC186723	Int-6	Mm.880
111276	127763	AW537713	TC175157	null	Mm.19082
56847	128741	C75987	TC179131	null	Mm.39486
0	0	C76077	TC180114	null	Mm.24890
41340	48909	AW537819	TC190557	null	Mm.45349

358359	283124	AW537729	TC187616	null	Mm.29690
69413	90628	C76006	TC174325	mSUG1 protein	Mm.665
98080	98060	C76102	TC192748	null	Mm.5454
0	0	C77181	null	null	null
152418	137519	C77267	null	null	null
0	0	C77344	null	null	null
0	0	C77430	TC190107	null	Mm.30095
13794	14444	C77211	TC200379	Lsc	Mm.3181
61380	58221	C77291	null	null	Mm.34932
14932	16378	C77368	null	null	null
0	0	C77456	null	null	null
144508	109232	C78431	null	null	Mm.103537
200522	151795	C78503	TC188794	DBF4-related protein	Mm.22430
124633	121591	C78565	TC173239	t-BOP	Mm.89727
33584	31521	C78640	TC202817	null	Mm.25233
80337	65362	C78451	TC205086	null	Mm.37597
128725	117026	C78516	null	null	null
466881	329636	C78584	TC174233	null	Mm.30241
109575	94450	C78659	null	null	null
309876	217479	AW537566	null	null	Mm.99776
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51337	44939	AW537766	TC189713	null	Mm.27226
70697	63478	AW537582	TC175756	GANP protein	Mm.30098
146753	131261	AW537639	TC164101	null	Mm.102521
0	0	AW537678	TC189171	integrin alpha 5 subunit	Mm.16234
51312	26809	AW537774	TC201145	null	Mm.30965
488359	575945	C76879	TC186717	truncated SON protein	Mm.36553
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52341	61540	C77036	null	null	null
25983	21603	C77104	TC201351	null	Mm.27928
242333	241662	C76907	TC191256	null	Mm.5547
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82323	77416	C77118	TC173084	null	Mm.24776
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22872	16188	C78354	null	null	Mm.5706
47011	52520	C78108	null	null	null
33574	25398	C78187	TC170092	null	Mm.24985
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68137	70897	C78385	TC203931	null	Mm.24950
154078	136476	AW537809	TC159226	bone morphogenetic protein-4	Mm.6813
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238383	1286189	C75991	TC173504	HP1 alpha protein	Mm.28408
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32241	16846	C77277	null	null	null
36355	30504	C77346	TC163316	null	Mm.5601
34921	28708	C77431	TC175777	null	Mm.27930
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18817	51851	C78661	null	null	null
32820	18127	C79189	TC163397	null	Mm.6488
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0	0	C80408	null	null	Mm.43005
712768	272751	C80512	TC161534	creatine kinase isoenzyme, ubi	Mm.970
13739	7301	C80603	null	null	null
58559	65132	C80688	TC186640	null	Mm.2875
64968	74046	C80432	TC188538	tripeptidyl-peptidase ii	Mm.28867
22605	16701	C80532	null	null	Mm.16794
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0	0	C85358	null	null	null
217292	138147	C85448	TC177801	null	Mm.21179
0	0	C85525	null	null	Mm.25386
171627	187162	C85314	TC157675	spindlin	Mm.42193
82322	51448	C85373	TC175302	null	Mm.22363
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26171	29223	C79518	null	null	Mm.36431
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20005	19647	C79712	TC188182	null	Mm.24875
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75609	54663	C85600	null	null	null
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2316154	981834	C85298	TC162478	null	Mm.25377
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31799	30449	C85377	null	null	null
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6867	4682	C79583	null	null	Mm.31128
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326605	156049	C85601	null	null	null
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7428	4806	C85731	null	null	null
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14752	16893	C80702	null	null	null
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5936	8039	C85300	null	null	null
193045	147369	C85360	TC200641	null	Mm.21712
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180800	171939	C85531	TC158166	TBX1 protein	Mm.21119
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9653	11688	C79675	null	null	Mm.37807
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43765	26794	C85795	TC177375	null	Mm.78699
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32382	28906	C80706	TC157758	null	Mm.25608
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10571	5146	C79737	null	null	null
65486	55983	C80812	TC160957	null	Mm.28551
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34650	22666	C80924	TC191040	null	Mm.44063
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172295	136401	C81124	null	null	Mm.1777
39803	26144	C85629	null	null	null
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402950	238054	C85856	null	null	Mm.90127
28090	18383	C85661	null	null	Mm.86526
21549	17217	C85734	TC185650	null	Mm.7751

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42125	45789	C79224	TC160508	null	Mm.28968
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90960	97866	C80529	TC160188	null	Mm.24452
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0	0	C80727	TC205230	null	null
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0	0	C85370	null	null	Mm.25380
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0	0	C85537	TC210266	null	null
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51564	48894	C85399	null	null	Mm.31280
0	0	C85482	TC159041	[Mouse TIS11 primary response	Mm.1298
0	0	C85554	null	null	Mm.1806
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64889	46378	C80914	null	null	null
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261395	165932	C81126	TC200616	C8	Mm.22228
41083	41589	C85637	TC160990	null	Mm.9854
0	0	C85723	TC175946	null	Mm.24734
31471	19782	C85789	null	null	null
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27287	17715	C79225	null	null	Mm.25015
49182	42608	C79304	TC160987	H19	Mm.25203
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26822	13240	C79472	null	null	null
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40406	31541	C80633	TC173707	null	Mm.21686
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0	0	C80443	null	null	null
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0	0	C80729	null	null	Mm.18962
0	0	C85308	null	null	null
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79093	37449	C85403	null	null	Mm.9587
51469	31309	C85485	TC176701	null	Mm.8581
43381	30377	C85556	TC203123	null	Mm.31282
116003	86178	C79532	TC176668	null	Mm.6626
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0	0	C79681	null	null	null
0	0	C79740	null	null	null
43770	24853	C80816	null	null	Mm.28391
0	0	C80915	null	null	null
244785	308030	C81009	TC206952	null	null
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0	0	C80850	null	null	null
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27294	18105	C81127	null	null	null
78322	97887	C85640	TC189509	multidrug resistance protein	Mm.6404
65147	88627	C85725	null	null	null
58387	46012	C85791	TC187954	null	Mm.2822
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149670	101463	C85666	null	null	null
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93440	75476	C86591	TC162294	SDR2	Mm.18910
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12530	14120	C86767	TC199907	elongation factor 2	Mm.43907
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10345	9303	C87935	null	null	Mm.29807
19374	16668	C88020	TC201527	null	Mm.20693
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68301	67515	C87870	TC200405	null	Mm.24174
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21199	19771	C86771	null	null	null
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52392	52944	C87853	null	null	null
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37409	28868	AU022418	TC161706	null	Mm.26315
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446376	281098	C87019	null	null	null
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13104	19535	C88126	TC201871	null	Mm.24022
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17630	10112	C86532	null	null	Mm.36438
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190344	212983	C88025	null	null	Mm.16421
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26135	21913	AU022346	null	null	null
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37119	18168	C87097	TC163213	null	Mm.24035
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9640	8817	AU024309	TC183540	null	Mm.26421
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14006	7212	AU024663	null	null	null
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13509	25774	AU019243	TC174916	Eab1	Mm.2229
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22461	16737	AU018812	null	null	null
0	0	AU018909	TC176402	rck	Mm.35848
69216	74408	AU018997	TC191766	ciliary neurotrophic factor re	Mm.30367
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17405	14241	AU023525	null	null	Mm.11978
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15818	19063	AU019049	null	null	null
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18364	18966	AU024629	null	null	null
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2358561	2168472	AU019166	TC187243	uvomorulin (711 AA)	Mm.35605
119314	100737	AU019257	TC202967	claudin-6	Mm.26162
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82520	363361	AU016154	TC187022	calcyclin (AA 1-89)	Mm.1221
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216722	270574	AU020799	TC199919	null	Mm.22774
109835	123561	AU020871	TC186903	inositol polyphosphate 5-phosp	Mm.30030
31044	23446	AU020984	TC190217	null	Mm.25168
131857	105701	AU020734	null	null	null
27197	27375	AU020826	TC183644	null	Mm.26238
53074	40612	AU020895	TC174395	CD1.1	Mm.88779
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0	0	AU014956	TC157352	null	Mm.17261
118083	90549	AU015037	null	null	null
0	0	AU015113	null	null	null
7536	8849	AU015187	TC190478	null	Mm.27475
0	0	AU014973	null	null	null
11258	9177	AU015049	TC202250	null	Mm.25891
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55491	38981	AU016212	null	null	Mm.43530
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26027	24923	AU016432	null	null	Mm.42459
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96830	71674	AU016292	null	null	Mm.103365
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16309	12581	AU020402	null	null	null
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81163	65615	AU020338	TC161613	null	Mm.28904
25042	18318	AU020423	null	null	Mm.26218

176396	151576	AU020554	null	null	null
0	0	AU020637	TC175062	eIF2 gamma	Mm.20831
0	0	AU014672	null	null	null
0	0	AU014756	null	null	Mm.25871
8954	5056	AU014807	TC203699	null	Mm.35022
0	0	AU014888	null	null	null
8410	3575	AU014688	TC206597	null	Mm.100099
35415	37895	AU014770	TC177466	null	Mm.89845
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0	0	AU014900	null	null	null
0	0	AU015925	TC160377	null	Mm.28848
32518	30017	AU015988	TC164904	null	Mm.30755
28485	34043	AU016059	TC177021	null	Mm.27833
20797	16282	AU016136	null	null	Mm.103768
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9628	5401	AU016011	null	null	null
25699	19720	AU016075	TC188245	nervous system-specific RNA bi	Mm.3823
23108	10925	AU016156	null	null	Mm.25967
25810	19368	AU020708	null	null	Mm.13130
59923	51322	AU020803	TC205043	null	Mm.24295
53597	46847	AU020872	null	null	Mm.36448
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367060	338047	AU020735	TC201742	null	Mm.27561
117995	98041	AU020827	TC190341	null	Mm.57272
81000	67898	AU020896	TC160927	null	Mm.29256
185413	176239	AU020997	TC162100	mRNA capping enzyme	Mm.26153
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0	0	AU015039	null	null	null
33591	14058	AU015117	null	null	Mm.103758
12874	16334	AU015189	TC163900	D3	Mm.4880
0	0	AU014974	TC163646	Tektin-t	Mm.23895
62877	59795	AU015055	TC200570	IQ motif containing GTPase act	Mm.22343
29021	25300	AU015136	null	null	Mm.25895
15932	15441	AU015205	TC173865	null	Mm.23998
25117	10315	AU016214	null	null	null
0	0	AU016280	TC161345	null	Mm.41181
0	0	AU016356	null	null	null
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83972	74123	AU016230	null	null	Mm.11092
133130	115857	AU016293	TC197142	null	Mm.25973
24529	19830	AU016370	null	null	null
58722	52895	AU016460	TC188117	null	Mm.29900
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184921	170387	AU020539	TC200807	calcyclin binding protein	Mm.10702
0	0	AU020623	null	null	Mm.11643
69897	78867	AU020342	TC161870	null	Mm.26212
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0	0	AU020561	TC175711	null	Mm.24551
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225545	277469	AU014675	TC157770	neural specific sr protein NSS	Mm.10229

23113	18734	AU014757	TC175070	null	Mm.44228
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33284	26594	AU014889	TC187102	tumor necrosis factor alpha co	Mm.27681
85808	54511	AU014703	null	null	null
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45581	31720	AU016137	null	null	Mm.1776
0	0	AU015945	null	null	null
14636	18226	AU016013	null	null	Mm.37231
40592	47881	AU016076	null	null	Mm.37821
98814	68626	AU016160	null	null	null
235374	247627	AU020711	TC162885	null	Mm.27580
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45941	29009	AU020988	null	null	null
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97286	110374	AU020830	null	null	null
122153	115113	AU020898	TC175835	null	Mm.28774
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51807	48326	AU015139	TC161794	null	Mm.21936
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43102	26885	AU016281	TC176516	dystonin; BPAG1-n	Mm.27835
40555	36058	AU016357	null	null	Mm.25947
0	0	AU016448	null	null	null
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0	0	AU020316	TC165498	null	Mm.7732
388317	387028	AU020408	TC173385	Supl15h	Mm.29387
179330	222307	AU020544	TC187080	nuclear pore-targeting complex	Mm.16710
63053	63320	AU020627	TC157779	N-ras protein (AA 1-193)	Mm.734
253551	227377	AU020349	TC160914	null	Mm.30082
183076	211035	AU020425	TC200500	schwannoma-associated protein	Mm.6483
340926	292343	AU020568	TC164109	null	null
31594	35367	AU020644	null	null	null
24091	21561	AU014677	null	null	null
109595	99258	AU014762	TC187468	Bcl-2-binding protein	Mm.688
0	0	AU014814	null	null	null
34972	33068	AU014891	TC188622	null	Mm.21568
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60337	60542	AU014772	TC160074	casein kinase I-alpha	Mm.43737
36126	21320	AU014844	null	null	null
97336	77876	AU014908	TC201450	23kDa synaptosomal associated	Mm.30197
28019	25922	AU015931	TC207181	null	Mm.12612
111853	117372	AU016000	TC160915	eRF1	Mm.3845
96583	78839	AU016064	TC189548	left-right dynein	Mm.19726
0	0	AU016144	TC177080	null	Mm.23916
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30529	26470	AU016018	TC160925	null	null
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9503	5484	AU017415	TC165614	null
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29399	20325	AU043344	TC189569	null
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21895	30347	AU017373	TC202696	null
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35351	23219	AU040155	TC179490	null
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9579	8141	AU040108	null	null
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30393	23722	AU040263	TC188044	membrane-type-5 matrix metallo
11564	8751	AU040342	null	null
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12670	11583	AU043144	TC189393	null	Mm.27455
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21014	11534	AU040247	TC205744	null	Mm.17925
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79747	65015	AU040111	TC160461	neuronal ceroid lipofuscinosis	Mm.21578
27831	24438	AU040179	TC170268	null	null
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15858	14988	AU041294	null	null	null
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817083	618626	AU041313	null	null	Mm.5293
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43029	32785	AU043214	TC160513	null	Mm.29922
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24913	27470	AU017501	null	null	Mm.26047
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93184	79173	AU043292	TC175459	null	Mm.25552
471141	545091	AU017422	TC191086	null	Mm.22838

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23523	14041	AU017603	null	null	Mm.11282
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38411	28890	AU043574	TC178620	null	Mm.17739
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224642	244218	AU043387	TC160423	null	Mm.21667
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46803	36476	AU043776	TC176139	null	Mm.31598
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167117	213766	AU017198	null	null	Mm.37835
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38334	27624	AU017366	TC175051	c-H-ras	Mm.6793
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0	0	AU017381	null	null	null
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0	0	AU043294	null	null	null
16551	8901	AU017426	TC188745	ancient conserved domain prote	Mm.86491
337401	346185	AU017513	TC190247	null	Mm.40897
17695	18339	AU017609	TC196826	null	Mm.11283
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78858	68233	AU017443	TC160882	RIP1	Mm.17009
51150	51512	AU017529	TC203987	null	Mm.24235
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51629	38176	AU040603	null	null	null
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39764	21767	AU043367	TC176567	null	Mm.18478
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69316	45550	AU043610	TC162164	null	Mm.24887
0	0	AU043780	TC197110	null	null
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54511	56804	AU017272	null	null	null
1691866	1819775	AU017367	TC187960	null	Mm.34555
327624	431952	AU017162	TC204095	null	Mm.4419
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157932	166769	AU017382	TC174758	null	Mm.27067
92022	96259	AU040100	null	null	Mm.4784
116241	89240	AU040162	null	null	Mm.20021
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222006	78099	AU040351	TC175438	carbonic anhydrase IV	Mm.1641
15008	12382	null	null	null	null
37381	31262	AU043137	TC163013	low density lipoprotein recept	Mm.18600
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0	0	AU043272	null	null	Mm.17724
200384	234106	null	null	null	null
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24566	24243	AU017427	null	null	null
0	0	AU017514	null	null	null
192855	204563	AU017610	TC174257	null	Mm.28528
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81435	58986	AU017447	null	null	Mm.46842
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140147	201833	AU017674	null	null	Mm.11298

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489854	351183	AU040457	TC201777	transducin beta like 1	Mm.26802
1059323	527992	AU040531	TC204027	null	Mm.18111
89584	78277	AU040608	TC177318	null	Mm.4052
655794	418855	AU040400	null	null	null
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51138	45233	AU043452	null	null	null
24090	21873	AU043576	null	null	null
0	0	AU043733	null	null	null
20191	16872	AU043394	null	null	null
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22941	22749	AU043615	TC176408	null	Mm.18790
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57540	32391	AU044725	null	null	null
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62109	47875	AU044932	null	null	Mm.26882
0	0	AU045012	null	null	null
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17434	16610	AU044950	null	null	null
0	0	AU045044	TC177376	elafin-like protein I	Mm.10859
13130	9417	AU041583	null	null	Mm.36596
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7820	7730	AU041848	TC179743	null	Mm.17626
13364	10579	AU042859	TC176162	null	Mm.27110
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255527	150628	AU043000	null	null	null
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38872	37999	AU042952	TC162839	null	Mm.29242
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11230	5550	AU045113	null	null	null
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101794	77705	AU045159	TC201222	null	Mm.18739
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17914	15957	AU045494	null	null	null
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37081	26487	AW545987	TC175398	null	Mm.41420
302462	182803	AW546142	TC171354	null	Mm.102804
315182	108420	AW546196	null	null	Mm.89843
450554	257190	AW545953	TC159726	null	Mm.7500
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259212	162135	AW546153	TC188260	null	Mm.21977
11505	14044	AW546227	null	null	null
0	0	AU044733	TC189072	null	Mm.18452
34830	25705	AU044842	TC176991	null	Mm.21577
38917	33101	AU044936	TC160594	guanylate kinase	Mm.3624
14487	15970	AU045015	TC177646	null	Mm.35484
18329	15586	AU044755	null	null	null
5390	7284	AU044857	null	null	Mm.35830
50295	55918	AU044951	null	null	null
0	0	AU045048	TC170262	null	Mm.26884
6298	5719	AU041585	TC210807	null	null
169769	71849	AU041673	TC160313	null	Mm.730
35416	43568	AU041740	TC200167	fibromodulin	Mm.41573
66207	59617	AU041614	TC163901	null	Mm.5409
37438	40478	AU041696	null	null	null
94035	72928	AU041756	TC176211	null	Mm.17621
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5400	4993	AU043001	null	null	Mm.17707
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42682	30245	AU045239	TC161013	null	Mm.9348
35323	30757	AU045352	null	null	null
237322	258245	AU045477	TC200113	null	Mm.21690
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45557	42923	AU042134	TC202656	null	Mm.29941
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144690	176772	AW545988	TC160498	null	Mm.24106
32747	39512	AW546145	TC203821	null	Mm.103318
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149888	154300	AW546071	TC173656	null	Mm.28571
1080431	1506871	AW546154	TC159569	ribosomal protein L3	Mm.3486
1259377	883553	AW546231	null	null	null
74663	81273	AU044738	TC173544	somatic histone binding protei	Mm.7516
0	0	AU044846	null	null	null
85385	80361	AU044938	TC187914	magnesium dependent protein ph	Mm.28918
99306	168885	AU045027	TC162935	null	Mm.28254
99175	81253	AU044759	TC206663	null	Mm.17817
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26889	21628	AU044952	TC204001	null	Mm.26883
22343	21053	AU045050	TC209912	null	Mm.37398
140518	82548	AU041598	TC158215	MHC class I heavy chain precur	Mm.16771
0	0	AU041678	null	null	null
348260	291888	AU041748	null	null	null
45177	39966	AU041842	null	null	null
81289	79476	AU041615	TC201063	house-keeping protein	Mm.103
87539	73914	AU041699	TC162749	null	Mm.28309
37740	24088	AU041758	TC163734	null	null
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68333	64357	null	null	null	null
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39735	38092	AU045245	null	null	Mm.29067
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15773	17585	AU045482	null	null	null
82329	69337	AU045163	TC189389	null	Mm.21978
32279	24172	AU045258	TC175884	null	Mm.981
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122283	111163	AW546147	TC200672	Mdes protein	Mm.29648
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0	0	AW546075	null	null	null
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0	0	AU044742	null	null	null
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95986	96047	AU044942	TC162238	null	Mm.41540
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0	0	AU044953	TC162621	null	Mm.18898
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77671	62502	AU041682	TC201050	null	Mm.24300
58741	33313	AU041749	TC177041	null	Mm.32392
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0	0	AU041620	TC158493	null	Mm.104412
16614	16444	AU041702	TC192011	null	Mm.17639
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63125	40146	AU042865	null	null	Mm.17698
80075	59041	AU042949	null	null	null
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35172	24983	AU043080	null	null	null
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69315	55171	AU045167	null	null	null
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28619	39003	AU042003	null	null	null
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28298	31693	AW545941	null	null	Mm.104504
277690	357163	AW546000	TC160208	null	Mm.22667
143810	182861	AW546148	TC199895	null	Mm.14796
7964	11223	AW546209	TC158438	FLI-LRR associated protein-1	Mm.10272
71569	47427	AW545966	TC205456	null	Mm.41744

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257689	374316	AW546241	TC173073	16S ribosomal protein	Mm.702
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103700	103858	AU044961	null	null	null
11629	11441	AU045059	null	null	null
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0	0	null	null	null	null
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0	0	AU043007	TC160061	neuronal protein 15.6	Mm.30084
0	0	AU043081	TC174149	null	Mm.32572
442447	472665	AU042886	null	null	null
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63384	42314	AU045249	TC160513	null	Mm.103858
20080	13680	AU045373	TC189691	null	Mm.26898
0	0	AU045486	null	null	null
53152	45631	AU045168	TC163025	null	Mm.21297
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103321	78857	AU042057	TC166815	null	null
0	0	AU042129	TC191968	null	Mm.83644
54068	34466	AU041942	null	null	null
76778	77527	AU042007	TC170249	null	null
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66242	62817	AU042150	TC200652	null	Mm.12267
78936	64243	AW545947	TC160233	null	Mm.33981
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0	0	AW546149	TC202398	null	Mm.39751
0	0	AW546220	TC188976	unnamed protein product	Mm.41634
397962	498793	AW545968	null	null	Mm.16820
87446	98389	AW546079	TC160044	null	Mm.28603
1060488	1801133	AW546154	TC159569	ribosomal protein L3	Mm.3486
158006	241721	AW546241	TC173073	16S ribosomal protein	Mm.702



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133607	178293	AU044850	TC206611	null	Mm.17882
431151	511687	AU044944	TC187395	Rab 11	Mm.1387
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27492	19281	AU041767	TC164118	null	Mm.18620
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87727	93167	AU042951	null	null	Mm.17705
22563	23348	AU043011	null	null	null
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50706	36945	AU041929	null	null	null
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118891	111510	AW546162	TC161529	null	Mm.28936
39417	26055	AW546244	TC201416	null	Mm.29711
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63837	64593	AW547113	TC203347	null	Mm.46501
522085	588026	AW547204	TC200132	null	Mm.22723

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17655	11343	AW547224	TC191207	S-periaxin	Mm.10119
859005	482776	AW548483	null	null	Mm.102865
40983	36167	AW548568	TC200658	chromaffin granule ATPase II h	Mm.52254
241074	133408	AW548682	TC200857	null	Mm.30251
30325	39479	AW548759	TC206891	null	Mm.102874
11640	11210	AW548598	TC170857	null	Mm.102870
10238	5876	null	null	null	null
13007	18120	AW548780	TC173597	null	Mm.29786
40648	52051	AW549928	TC200645	null	Mm.104647
412972	334583	AW550021	TC186597	synaptotagmin 4	Mm.2446
3149170	2520079	AW550123	TC185479	null	Mm.102915
142986	121051	AW550235	TC173611	amyloid beta-peptide binding p	Mm.6994
219436	189585	AW549944	TC177565	null	Mm.12232
358734	310302	AW550036	TC176132	null	Mm.26771
137347	139995	AW550157	TC186884	null	Mm.42855
60935	42894	AW550255	TC201091	null	Mm.21162
0	0	AW547276	TC163866	null	Mm.76692
0	0	AW547344	TC190402	null	Mm.41429
22841	19625	AW547444	null	null	null
0	0	AW547563	null	null	Mm.102836
0	0	AW547287	null	null	null
108506	103214	AW547366	TC200572	subtilisin/kexin isozyme SKI-1	Mm.29791
96897	107254	AW547467	TC174508	null	Mm.18834
21417	16736	AW547581	TC191775	null	Mm.34175
84251	71351	AW548837	TC158952	null	Mm.34796
68914	70648	AW548911	TC160686	MEK Kinase 3	Mm.27041
114062	89244	AW549078	TC174649	null	Mm.39985
40418	34502	AW549001	TC162044	prion-like protein	Mm.32297
280576	174712	AW548858	TC159970	murine gelsolin protein	Mm.21109
114496	112654	AW548928	TC203986	null	Mm.31223
106063	97981	AW549106	TC174075	null	Mm.23889
0	0	null	null	null	null
536138	530062	AW550294	null	null	null
70551	54402	AW550353	TC170821	null	Mm.102925
0	0	null	null	null	null
72657	44646	AW550578	TC158971	null	Mm.8688
0	0	null	null	null	null
203888	239645	AW550401	TC202316	null	Mm.27773
56969	52598	AW550514	TC189514	null	Mm.37976
41171	77552	AW550619	TC187726	ARP-1	Mm.16519
0	0	AW546939	null	null	null
899020	1231938	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
132179	112720	AW547114	TC161181	null	Mm.41935
47707	38996	null	null	null	null
301647	367090	AW546965	TC187042	ATPase inhibitor	Mm.2171
557824	363468	AW547057	TC173409	F1F0-ATP synthase g subunit	Mm.14663
58511	46067	AW547144	null	null	Mm.102828
12241	12726	AW547228	null	null	null

52680	37188	AW548488	TC186888	null	Mm.22565
11879	17176	AW548569	TC158386	null	Mm.40802
31112	18107	AW548687	TC175185	YL-1 protein	Mm.2140
2035707	1907839	AW548764	null	null	null
586270	298845	AW548506	null	null	null
38002	36004	AW548605	TC162067	null	Mm.18268
68392	54883	AW548708	TC200683	cyclin G1	Mm.2103
44113	36882	AW548782	null	null	null
305920	248201	AW549932	TC188087	null	Mm.28121
165575	155592	AW550023	TC177155	null	Mm.11768
241083	236467	AW550134	TC203712	null	Mm.24309
288537	274258	AW550236	TC188406	null	Mm.24543
711473	823371	AW549945	null	null	null
403103	317004	AW550037	TC200678	vacuolar sorting protein VPS29	Mm.28356
512312	502024	AW550161	TC174644	cerebellar leucine rich acidic	Mm.22717
32607	31049	AW550262	TC200442	GAPIII	Mm.18517
5764	4277	AW547278	TC188507	null	Mm.27571
35576	36193	AW547349	TC176481	null	Mm.24823
0	0	AW547448	null	null	null
82851	93340	AW547569	TC162073	null	Mm.44604
370468	262737	AW547292	TC200402	null	Mm.22354
69412	107357	null	null	null	null
26320	26934	AW547468	null	null	null
221317	224661	AW547583	null	null	null
36600	30913	AW548842	TC177461	homeobox protein PSX	Mm.10105
70325	71235	AW548914	null	null	Mm.1574
326501	1514532	AW549081	TC201551	null	Mm.32553
170483	136856	AW549002	null	null	null
300356	230493	AW548860	TC174327	null	Mm.46380
204078	196281	AW548934	TC159232	null	Mm.104611
216038	197719	AW549107	null	null	Mm.27948
17204	41141	AW550295	TC200994	CIRP	Mm.17898
31728	31391	AW550359	TC174084	ferrochelatase	Mm.1070
75276	75034	AW550498	TC174765	null	Mm.1521
109642	109417	AW550586	TC173769	null	Mm.25228
34811	33251	AW550321	TC178833	null	Mm.38094
211148	194523	AW550409	TC162943	null	Mm.45774
328825	434326	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
316849	224665	AW550624	TC157209	TI-225	Mm.331
81747	73509	AW546943	null	null	Mm.29629
576525	729749	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
33514	40380	AW547118	TC163715	retinoic acid-responsive prote	Mm.10801
40015	53865	AW547208	TC164865	null	Mm.89820
220515	228748	AW546978	TC159051	ubiquitin fusion-degradation 1	Mm.1830
100383	115562	AW547060	TC203445	null	Mm.5360
46202	39837	AW547147	TC201708	epsilon-sarcoglycan	Mm.8739
23493	33007	AW547231	TC191714	null	Mm.100800
15851	9939	AW548496	TC157361	null	Mm.102866
399040	438625	AW548573	null	null	null
120209	115352	AW548688	TC204646	null	Mm.20292
292989	429355	AW548767	null	null	null

484624	560503	AW548509	TC161718	cytochrome B561	Mm.18942
68143	78951	AW548610	TC202589	null	Mm.20387
307475	299176	AW548709	TC187140	null	Mm.1706
45672	35728	AW548783	TC173291	elav-type RNA-binding protein	Mm.27880
49557	36580	AW549934	TC205961	null	Mm.31073
124245	73697	AW550024	TC159923	small EDRK-rich factor 2	Mm.1106
286552	340341	AW550140	null	null	null
0	0	AW550240	null	null	null
1134621	883651	AW549950	TC186551	aldehyde dehydrogenase	Mm.4210
170959	185037	AW550042	TC200110	snapin	Mm.28793
43766	57685	AW550163	null	null	Mm.102916
0	0	AW550263	null	null	null
50432	37863	AW547281	TC202616	null	Mm.7024
41602	51171	AW547357	TC188491	Rad51 protein	Mm.231
53981	53311	AW547460	TC203831	null	Mm.52252
28715	68059	AW547573	TC203941	null	Mm.74366
132482	132107	AW547293	TC162163	tsg24	Mm.3989
112019	97286	AW547374	TC163462	null	Mm.23286
624117	636971	AW547469	TC159770	14-3-3 epsilon	Mm.42972
10990	8410	AW547589	TC170855	null	null
295377	394747	AW548843	TC158271	ribosomal protein S26	Mm.372
603783	685077	AW548915	TC158451	null	Mm.21963
34300	32535	AW549085	TC163109	null	Mm.35564
54262	66539	AW549010	TC177062	activated leukocyte cell adhes	Mm.2877
15153	9875	AW548864	TC197699	null	Mm.102880
1076033	1476722	AW548936	TC186429	ribosomal protein S4	Mm.66
2108614	1779077	AW549108	null	null	null
235151	199710	AW550296	TC160393	SRP 54K subunit (AA 1-504)	Mm.12848
224889	150535	AW550368	null	null	null
188079	234377	AW550503	null	null	null
71072	73515	AW550594	TC161334	null	Mm.30157
334478	358700	AW550326	null	null	Mm.15571
110716	119243	AW550414	TC158495	null	Mm.34961
515882	665900	AW550518	TC159723	acidic ribosomal phosphoprotei	Mm.14843
1431133	1033670	AW550624	TC157209	TI-225	Mm.331
76000	62379	AW546949	TC162598	null	Mm.32395
318897	440653	AW547047	TC159587	37kDa oncofetal antigen	Mm.4071
301763	253981	AW547124	TC188928	tuftelin-interacting protein 3	Mm.20933
104475	89050	AW547213	TC203078	null	Mm.11778
228128	210323	AW546981	TC158957	null	Mm.17224
181190	199104	AW547061	TC164113	null	Mm.27090
95264	105754	AW547148	TC176616	null	Mm.28639
1126882	679811	AW547236	null	null	null
1974885	1475968	AW548498	null	null	null
51845	38671	AW548579	null	null	null
106478	96065	AW548691	TC188053	null	Mm.62186
40990	66613	AW548769	TC175007	null	Mm.27944
49348	38475	AW548515	TC177784	null	Mm.100607
35178	34298	AW548614	null	null	Mm.102871
475668	338990	AW548714	null	null	null
176768	121471	AW548789	TC188428	null	Mm.29556

908385	931930	AW549936	TC160778	null	Mm.34536
521331	422446	AW550025	null	null	null
233722	272145	AW550141	TC161632	null	Mm.8233
61523	65470	AW550241	TC188835	null	Mm.29783
18848	10624	AW549955	TC177339	null	Mm.36824
47374	39844	AW550049	TC188883	null	Mm.21795
170261	660276	AW550167	null	null	Mm.102917
29275	46519	AW550264	null	null	null
108149	64656	AW547284	TC159108	null	Mm.24883
43372	39397	AW547358	TC163725	null	Mm.25390
775325	477013	AW547462	TC204129	null	Mm.35097
97689	65413	AW547574	TC178073	null	Mm.30613
51824	59199	AW547297	TC163726	null	Mm.40719
54682	54095	AW547379	TC201630	null	Mm.28242
1316473	771605	AW547474	null	null	null
22607	152900	AW547590	TC201238	ets-related transcription fact	Mm.22874
124925	103189	null	null	null	null
165857	232951	AW548916	TC187232	null	Mm.21693
34650	36258	AW549090	TC162980	null	Mm.34412
308406	310311	AW549013	null	null	null
16463	12931	AW548868	TC185048	null	Mm.102881
1560141	2194774	AW548936	TC186429	ribosomal protein S4	Mm.66
606519	578479	AW549112	null	null	null
0	0	null	null	null	null
360093	365389	AW550297	TC200131	cofilin	Mm.4024
16452	13186	AW550378	null	null	Mm.102926
317521	492361	AW550508	TC199898	microsomal glutathione S-trans	Mm.14796
0	0	AW550606	TC204165	null	Mm.27149
17151	20363	AW550327	TC174675	neurotrophin receptor interact	Mm.26926
470733	549172	AW550521	TC188830	peroxisome membrane protein	Mm.21853
594855	687102	AW550625	TC173058	alpha-1 type-III collagen prec	Mm.1543
65280	58228	AW546959	TC204509	null	Mm.64914
321861	294697	AW547052	TC160362	null	Mm.391
112553	180315	AW547136	TC173589	null	Mm.26598
0	0	null	null	null	null
0	0	AW547149	TC186839	null	Mm.20348
40552	49306	AW547238	null	null	null
0	0	AW548502	TC197706	null	Mm.102867
0	0	AW548581	TC191302	null	Mm.40196
0	0	AW548695	TC164579	null	Mm.24820
0	0	AW548776	TC202772	null	Mm.39036
0	0	AW548520	TC158917	Ly-3 precursor protein	Mm.21764
44330	69164	AW548616	TC158256	null	Mm.14747
69047	40537	AW548716	TC169700	null	null
38833	24768	AW548794	TC189017	null	Mm.46019
96591	97382	AW549937	TC188898	transcriptional regulator homo	Mm.19806
0	0	AW550027	TC202854	null	Mm.30047
991618	886917	AW550148	TC160014	hepatocyte growth factor activ	Mm.26835
97392	60683	AW550250	TC162127	null	Mm.23595
0	0	AW549972	null	null	null
97458	167553	AW550050	null	null	null

0	0	AW550175	null	null	Mm.102918
183456	254535	AW550265	TC160517	chloride channel CLC-2	Mm.40955
123849	128406	AW547285	TC186531	null	Mm.2395
237526	263474	AW547363	TC173311	flavin-containing monooxygenas	Mm.1668
68386	40864	AW547463	TC157904	myotubularin homologous protei	Mm.20844
45372	40919	AW547576	null	null	Mm.38869
122498	145483	AW547298	TC200284	null	Mm.29868
329458	195527	AW547382	TC173394	cytochrome c oxidase subunit V	Mm.2151
55311	45060	AW547479	TC187611	null	Mm.29372
181742	222939	AW547591	TC174821	null	Mm.28449
635055	149552	AW548849	TC174122	Apolipoprotein C2	Mm.28394
241539	315439	AW548920	TC174999	null	Mm.34786
226023	218218	AW549093	null	null	null
451983	265790	null	null	null	null
44735	44691	AW548879	TC160795	fibulin-2	Mm.6120
511962	692329	AW548939	TC187087	Murine homolog of human ftp-3	Mm.14838
234146	194680	AW549113	TC201888	null	Mm.38886
87763	85364	AW549020	TC200451	null	Mm.10586
42860	43453	AW550306	null	null	null
125189	126350	AW550391	TC174061	multiubiquitin-chain-binding p	Mm.2261
79803	51424	AW550509	null	null	null
82716	65103	AW550609	TC163155	channel interacting PDZ domain	Mm.29127
0	0	AW550328	null	null	Mm.87156
169681	160663	AW550425	TC186420	mitotic checkpoint protein iso	Mm.27250
70977	53246	AW550523	TC161876	null	Mm.40004
0	0	AW550627	TC162143	drebrin E2	Mm.19016
61505	64914	AW546960	null	null	Mm.102823
459065	628922	AW547055	TC174191	null	Mm.34385
174475	166220	AW547140	TC159107	null	Mm.34951
1405229	1243115	AW547223	null	null	null
180708	155316	AW546988	null	null	null
218436	363388	AW547151	TC173757	SYNCRIP	Mm.27972
30672	29796	AW547239	TC186864	null	Mm.28976
101736	128512	AW548503	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
165049	169863	AW548592	TC177039	null	Mm.44849
43372	48694	AW548698	TC202707	null	Mm.87499
133366	134104	AW548777	TC160949	null	Mm.29873
32733	25895	AW548525	TC201885	Sir2alpha protein	Mm.12604
0	0	AW548628	TC174100	oxysterol-binding protein	Mm.18502
0	0	AW548720	null	null	null
123455	274509	AW548796	TC168437	null	Mm.25981
237320	286540	AW549941	TC174468	null	Mm.7361
47363	46885	AW550030	null	null	null
84319	84243	AW550149	null	null	null
40531	43773	null	null	null	null
169658	195238	AW549974	null	null	null
0	0	AW550051	null	null	Mm.102912
184998	169951	null	null	null	null
60788	63003	AW550268	TC176958	integrin beta-7 subunit	Mm.58
24109	25743	AW547286	TC173801	null	Mm.35616
341209	361396	AW547365	TC161247	null	Mm.41173

68736	38902	AW547464	TC163081	null	Mm.32022
21253	16214	AW547579	TC211360	null	null
68175	70366	AW547301	TC187511	unnamed protein product	Mm.17035
350247	406925	AW547390	TC200895	null	Mm.31353
20063	14808	AW547593	TC205006	null	Mm.45191
169224	132997	AW548852	TC203687	null	Mm.19324
131765	172583	AW548925	TC159797	null	Mm.29493
55809	37597	AW549102	TC176137	null	Mm.23965
73341	93317	AW549019	TC179927	null	Mm.34545
858181	985886	AW548881	TC204945	null	Mm.87260
270526	283509	AW548942	TC159920	null	Mm.22225
200905	179545	AW549114	TC186801	cytoplasmic dynein intermediat	Mm.6441
48259	38561	AW549130	TC180524	null	null
32407	37196	AW550308	null	null	Mm.16820
180519	170967	AW550394	TC189625	null	Mm.38853
458646	402090	AW550513	TC158355	null	Mm.30043
235190	278170	AW550610	TC159537	ribosomal protein S3	Mm.4696
27711	21909	AW550329	TC202322	null	Mm.28523
81705	69702	null	null	null	null
64637	346527	AW550525	null	null	null
172165	196400	null	null	null	null
357747	381065	AW551478	TC190197	null	Mm.38166
397322	323885	AW551683	TC186619	Sm-B protein	Mm.88216
418001	315888	AW551609	null	null	null
302639	246299	AW551674	null	null	null
1428967	1612782	AW551507	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
39340	42989	AW551696	TC186527	null	Mm.41736
56267	52800	AW551633	TC189704	null	Mm.41060
60510	98992	AW551740	TC177281	null	Mm.62101
142126	174543	AW552427	TC200202	NIPI-like protein	Mm.22776
91278	64120	AW552471	TC164296	null	Mm.100828
99904	88030	AW552351	TC211220	null	Mm.103001
218856	178775	AW552502	TC187033	null	Mm.30016
35149	21935	AW552439	TC175295	null	Mm.38795
0	0	null	null	null	null
41801	43141	AW552359	TC174225	null	Mm.26775
48900	43574	AW552513	null	null	null
65853	70828	AW553319	TC161903	null	Mm.28686
1112705	765901	AW553363	TC157635	overexpressed in testicular tu	Mm.4962
102486	81742	AW553417	TC202147	energy-dependent regulator of	Mm.30088
91559	80833	AW553462	TC188405	null	Mm.46706
19350	15521	AW553328	TC162581	null	Mm.29723
132876	143373	AW553377	TC160904	null	Mm.29921
48988	42097	AW553432	TC200294	null	Mm.9945
0	0	AW553471	TC203284	NK-type homeobox	Mm.21265
149368	152900	AW551789	null	null	null
22103	19715	AW551830	TC187544	null	Mm.14064
12718	8255	AW551875	null	null	Mm.23809
520344	529559	AW551923	TC194130	null	Mm.102978
616952	568828	AW551801	TC175120	null	Mm.33007
63547	62361	AW551841	TC174011	null	Mm.29041

326785	366341	AW551889	TC186609	Rnf4	Mm.21281
389429	280682	AW551931	TC158446	null	Mm.34546
1822924	915108	AW552561	TC160371	null	Mm.28866
92636	81172	AW552635	TC161684	null	Mm.12184
107919	108588	AW552678	TC163233	null	Mm.55211
1732702	1414119	AW552733	TC200501	initiation factor 2-associated	Mm.19170
44808	30039	AW552575	TC202722	SMCX	Mm.19790
0	0	AW552645	TC160460	null	Mm.24272
91759	66512	AW552689	TC157487	null	null
149792	130333	AW552744	TC160828	tumor susceptibility protein T	Mm.22688
74813	73105	AW553512	TC187820	null	Mm.36713
657975	499524	AW553565	TC175453	null	Mm.19804
105444	96697	AW553605	TC202996	null	Mm.41033
27493	24865	AW553655	TC163579	null	Mm.41395
1354341	2221173	AW553526	TC159460	nucleolar protein	Mm.6343
81935	73312	AW553575	TC164173	null	Mm.28854
46952	52947	AW553616	TC174529	null	Mm.28299
55424	66554	AW553674	null	null	null
82627	80929	AW551484	null	null	null
38900	40266	AW551688	TC192014	null	Mm.31795
302144	233714	AW551611	null	null	null
302778	454281	AW551726	TC160459	WW domain binding protein 5; W	Mm.512
74384	71887	null	null	null	null
23549	18250	AW551701	TC176648	null	Mm.26530
23702	27528	AW551634	TC176895	null	Mm.3926
442533	826487	null	null	null	null
45115	36098	AW552428	TC163208	null	Mm.28865
434926	237779	AW552477	TC174140	non-receptor protein tyrosine	Mm.1483
41546	32285	AW552354	TC199932	null	Mm.34854
94882	64639	AW552503	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
21941	20537	AW552440	null	null	null
43750	50240	AW552312	null	null	null
48226	44257	AW552360	null	null	Mm.103002
20174	20702	AW552518	TC201895	primase small subunit	Mm.2903
500116	553335	AW553320	TC158281	ribosomal protein L35a	Mm.19355
158830	285953	AW553366	TC160783	null	Mm.486
25571	29135	AW553420	TC162733	null	Mm.35655
36676	28330	AW553463	TC190035	null	Mm.82923
50399	53929	AW553329	TC180315	null	Mm.103347
23144	15963	AW553380	TC160041	null	Mm.44123
16528	12038	AW553434	TC201402	kinesin motor protein KIFC3	Mm.22513
15766	13292	AW553474	TC175097	Trf-proximal protein	Mm.25072
180414	152720	AW551791	null	null	null
1274685	1190604	AW551831	null	null	Mm.77432
444585	363519	AW551880	TC188292	null	Mm.2937
789342	644694	AW551926	TC187446	null	Mm.27367
19655	8634	AW551802	TC204297	null	Mm.17649
572026	481088	AW551843	TC173472	null	Mm.23836
92675	114180	AW551890	TC188720	null	Mm.20415
602045	543945	AW551933	TC188218	null	Mm.23607
304751	263683	AW552564	TC192109	null	Mm.26260



468960	289113	AW552636	TC209248	null	null
122971	98006	AW552679	TC200499	null	Mm.9559
175203	136911	null	null	null	null
99884	97691	AW552578	TC200160	null	Mm.26956
17709	23363	AW552646	TC202079	null	Mm.10281
129495	120284	AW552690	TC161998	null	Mm.27628
0	0	AW552746	TC173754	Dazh	Mm.29781
557081	637310	AW553519	TC174066	null	Mm.22117
126656	171755	AW553566	TC187897	null	Mm.32247
27071	33056	AW553606	TC189163	null	Mm.34669
69084	76605	AW553662	null	null	null
878556	1480494	AW553526	TC159460	nucleolar protein	Mm.6343
58161	42072	AW553576	TC161904	null	Mm.23951
10358	8013	AW553617	TC173259	Lutheran glycoprotein	Mm.29236
100213	77892	AW553679	null	null	null
188433	234676	AW551486	TC201439	null	Mm.28515
191799	219239	AW551689	TC157762	biglycan	Mm.2608
29918	18360	AW551612	null	null	null
337339	431839	AW551730	TC186575	null	Mm.29919
29566	23101	AW551517	null	null	null
58918	48146	AW551702	TC165152	null	Mm.102957
52695	65381	AW551635	TC164013	null	Mm.102643
197455	394600	AW551743	TC157446	null	Mm.104415
29640	21144	AW552430	TC187776	null	Mm.31879
33712	32994	AW552478	TC201424	null	Mm.41856
60990	50874	AW552355	null	null	null
60167	50453	AW552504	TC186794	null	Mm.27357
40953	33005	null	null	null	null
26947	22529	AW552313	TC161308	null	Mm.102451
23472	24233	AW552361	TC190732	null	Mm.18922
71776	64480	AW552524	TC202008	null	Mm.28195
142439	111352	null	null	null	null
20276	21822	AW553368	null	null	null
234951	192596	AW553423	null	null	null
34211	33716	null	null	null	null
49614	46654	AW553331	null	null	null
88422	146525	AW553381	TC159073	null	Mm.41419
88267	115284	AW553435	TC200944	null	Mm.29999
215354	244042	AW553478	TC157856	null	Mm.29665
324069	231758	AW551796	TC174365	null	Mm.30041
150802	150545	AW551833	TC187268	null	Mm.31076
310524	260342	AW551882	null	null	Mm.16773
101503	130226	AW551927	TC174324	UbcM4 interacting protein 48;	Mm.28409
912448	847748	AW551807	null	null	null
244141	249887	AW551845	TC158398	serine/threonine kinase	Mm.8901
54718	42431	AW551891	null	null	Mm.102974
34452	38842	AW551934	null	null	null
46570	37429	AW552566	TC204028	null	Mm.27047
657631	675720	AW552638	TC158309	dbpA murine homologue	Mm.29794
392709	375176	AW552680	TC173845	null	Mm.28647
127332	127848	AW552735	TC162777	zinc finger protein 96	Mm.24124

41365	42570	AW552579	TC204784	null	Mm.45771
826963	524170	AW552647	TC175172	null	Mm.38976
139994	136417	AW552691	TC160872	kinesin motor protein KIF22	Mm.29381
106895	94981	AW552752	TC163139	null	Mm.7070
147917	158105	AW553520	TC207614	null	Mm.103055
358668	321926	AW553568	null	null	Mm.7277
70860	78152	AW553607	null	null	null
174558	193146	AW553663	TC191816	null	Mm.26316
191944	164483	AW553527	TC201282	branched chain alpha ketoacid	Mm.25848
97345	94347	AW553579	TC158607	null	Mm.104511
34167	38930	AW553622	null	null	Mm.103058
108705	128564	null	null	null	null
263067	366569	AW551495	null	null	Mm.4071
64586	72306	AW551690	TC164120	histidine-rich calcium-binding	Mm.39968
15256	24202	AW551617	TC190964	null	Mm.41333
200968	203210	AW551732	TC194125	null	Mm.102965
0	0	null	null	null	null
16707	8348	null	null	null	null
56727	44876	AW551639	null	null	Mm.102963
376137	346684	AW551749	null	null	null
0	0	AW552431	TC159453	sterol-carrier protein X	Mm.1779
43702	50017	null	null	null	null
77071	57101	AW552356	TC176178	null	Mm.11331
73600	67404	AW552505	TC175922	null	Mm.30515
454662	315660	AW552443	null	null	null
0	0	AW552314	null	null	null
85265	66867	AW552364	TC174974	null	Mm.24806
82429	87116	null	null	null	null
27233	20458	AW553322	TC190134	null	Mm.27062
93155	85826	AW553371	TC188390	null	Mm.5381
0	0	AW553425	TC162362	P1-A	Mm.87124
11776	17896	AW553467	TC161492	rhodanese	Mm.15312
109551	99936	AW553334	TC162199	PL6 protein	Mm.27312
356406	410374	AW553382	null	null	null
39542	39676	AW553438	TC170697	null	null
461871	575974	AW553479	TC201280	D-dopachrome tautomerase	Mm.5731
675902	776456	AW551797	TC201659	Lisch7	Mm.4067
29592	29480	AW551836	TC180508	null	null
187060	198673	AW551883	TC163066	null	Mm.100117
137212	83713	null	null	null	null
181958	222455	AW551808	TC168329	null	Mm.83634
59272	50217	AW551847	null	null	null
57363	41054	AW551893	TC161934	null	Mm.27088
151491	140450	AW551936	null	null	null
42152	23476	AW552568	null	null	Mm.103006
72154	56921	AW552639	TC173696	null	Mm.30179
0	0	AW552681	TC176216	null	Mm.29249
250181	261679	AW552736	TC173237	Dlxin-1	Mm.103011
2704162	1762813	AW552580	null	null	null
533072	552741	AW552694	TC201636	null	Mm.28251
247934	162365	AW553522	TC158948	null	Mm.8486

93269	101791	null	null	null	null
10030	10163	AW553609	TC165866	null	Mm.31746
15252	10919	AW553664	null	null	null
1011890	1282021	AW553529	TC158893	CArG-binding factor-A	Mm.24
439742	418387	AW553582	null	null	null
131333	125762	AW553625	null	null	null
107264	119641	AW553694	TC162121	null	Mm.18783
75634	57250	AW551496	TC173942	null	Mm.28483
289904	335363	AW551692	TC187895	null	Mm.24104
0	0	AW551623	TC189044	null	Mm.35841
0	0	AW551735	null	null	null
45769	40294	AW551535	TC188825	ubiquitously expressed transcr	Mm.34779
549277	574117	AW551705	null	null	null
127620	111824	AW551640	null	null	null
136053	138861	AW551751	TC188464	Ankhzn	Mm.10313
36492	20757	AW552434	TC160825	null	Mm.29647
0	0	AW552307	TC161466	ferroportin1	Mm.28756
62363	89227	AW552357	TC163704	TES101RP	Mm.23385
65821	71295	AW552510	TC179676	null	Mm.40577
229481	157429	AW552445	TC159139	null	Mm.25279
717584	1067020	AW552315	TC160837	null	Mm.29834
77760	61004	AW552365	TC176100	null	null
49988	53789	AW552528	TC190637	null	Mm.29270
202059	199524	AW553323	TC205048	null	Mm.103046
101441	77913	AW553375	TC188925	alpha 3 type IX collagen	Mm.106
744174	624932	AW553426	TC159762	G protein beta subunit like	Mm.29453
131585	136680	AW553468	TC173318	null	Mm.18688
32071	26909	AW553335	TC175543	arf-like protein 2	Mm.21071
0	0	AW553383	TC200528	beta-tropomyosin (AA 1-284)	Mm.646
31890	23952	AW553441	TC188504	ANA	Mm.8702
0	0	AW553480	TC161307	null	Mm.30244
135087	176598	AW551798	TC201151	null	Mm.67998
97826	109355	AW551837	TC165903	null	null
44413	34643	AW551885	TC207963	null	null
685200	912472	AW551929	TC161747	null	null
66510	59567	AW551810	TC203920	null	Mm.30463
119410	114167	AW551849	TC190114	null	Mm.100380
176623	216145	AW551894	null	null	Mm.102975
1180878	753571	AW551937	null	null	null
67804	68316	AW552571	TC161965	null	Mm.29402
187854	168764	AW552640	TC174113	null	Mm.22266
81210	91071	AW552686	TC175805	GARP45	Mm.20450
71805	77541	AW552737	TC175284	null	Mm.11218
16198	12008	AW552581	TC201694	collagen type XIV	Mm.52777
106914	83668	AW552650	TC189449	null	Mm.41084
41619	37339	AW552696	null	null	null
54900	29093	AW552760	TC159765	null	Mm.28411
281713	266674	AW553523	null	null	null
85631	95244	AW553572	TC161260	null	Mm.24276
618787	603803	AW553611	TC173104	null	Mm.63
141389	168287	null	null	null	null

41261	37015	AW553532	TC158570	null	Mm.38028
508239	404846	AW553584	null	null	null
41632	43777	AW553627	null	null	null
171038	124236	AW553704	TC204181	null	Mm.100844
0	0	null	null	null	null
635766	587644	AW551694	null	null	Mm.102956
64316	69446	null	null	null	null
437638	387535	AW551736	TC177199	null	Mm.22832
361218	205104	AW551536	TC190583	null	Mm.34524
397057	393652	AW551707	TC175844	null	Mm.20417
836708	741070	AW551643	TC174622	microtubule-actin crosslinking	Mm.3350
1405710	1920457	AW551753	null	null	Mm.102966
57929	40276	AW552438	TC187049	null	Mm.27761
104686	86516	AW552309	null	null	Mm.102997
191940	181493	AW552358	TC173649	GTP-binding protein	Mm.3250
17019	12464	AW552512	TC185063	null	Mm.103004
92491	99972	AW552446	TC187056	null	Mm.11816
333580	467999	AW552318	TC200454	null	Mm.29853
22002	29588	AW552367	TC202549	null	Mm.90311
150583	201282	AW552534	TC158866	ribosomal protein L37a	Mm.21529
0	0	AW553324	TC200496	null	Mm.30110
52528	64032	AW553376	TC175379	null	Mm.2420
1667086	1579098	AW553427	null	null	null
0	0	AW553470	TC205421	null	Mm.103054
0	0	AW553336	TC177877	null	Mm.36154
51207	47888	AW553386	TC201183	septin-like protein Sint1	Mm.38450
269090	245820	AW553443	null	null	null
29428	27922	AW553482	null	null	null
28303	40442	AW551800	TC176966	null	Mm.31867
33004	33854	AW551838	TC205626	null	Mm.32714
293120	287021	AW551887	TC157765	null	Mm.29408
120966	111609	AW551930	TC189460	null	Mm.25695
1054347	1109160	AW551813	null	null	null
1174925	1161083	AW551850	null	null	null
96457	96265	AW551897	null	null	Mm.102976
203247	251326	AW551939	TC174932	null	Mm.41110
759917	488091	AW552574	null	null	Mm.103007
38426	38416	AW552644	TC176756	null	Mm.84531
246316	294326	AW552688	TC189290	null	Mm.23923
40563	42043	AW552743	TC165242	null	Mm.71018
0	0	AW552582	TC188316	deformed epidermal autoregulat	Mm.28392
0	0	AW552655	TC187973	null	Mm.103568
0	0	AW552699	TC188775	null	Mm.32973
0	0	AW552763	TC188100	null	Mm.29658
86833	54724	AW553525	null	null	Mm.103056
228318	251704	AW553574	TC158320	null	Mm.29345
70503	54984	AW553615	TC158763	null	Mm.104609
114341	178572	AW553669	TC207822	null	Mm.103062
129678	165977	AW553536	TC188913	mszf55-1	Mm.16650
23098	19609	null	null	null	null
142106	91505	AW553628	TC163188	null	Mm.100594

54791	65529	AW553712	TC188069	IkB kinase-beta	Mm.28269
0	0	null	null	null	null
26728	20462	AW554339	TC176656	null	Mm.39706
21165	22827	AW554397	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
29249	47922	AW554444	TC188558	null	Mm.28984
45585	44099	AW554270	TC159891	heterogenous nuclear ribonucle	Mm.2115
254295	229374	AW554361	TC178867	null	Mm.9997
2215098	2169738	AW554401	TC177074	null	Mm.30456
56878	49591	AW554472	TC162042	null	Mm.24591
246088	255799	AW555237	TC188538	tripeptidyl-peptidase ii	Mm.28867
80345	84677	AW555322	TC174542	secreted protein	Mm.3433
11152	13943	AW555450	null	null	Mm.103139
0	0	AW555502	TC211871	null	Mm.39826
17787	18316	AW555268	TC163217	null	Mm.29113
22142	19252	AW555341	null	null	null
103559	77168	null	null	null	null
99316	86665	AW555522	TC175685	osmotic stress protein 94	Mm.4150
215306	274487	AW556118	TC201535	receptor tyrosine kinase	Mm.2901
0	0	AW556176	TC158293	null	Mm.104408
833520	834316	AW556216	TC160885	null	Mm.21762
1063250	1309612	AW556256	null	null	Mm.1139
0	0	null	null	null	null
130662	119390	AW556190	null	null	Mm.103169
2100289	1989512	AW556222	TC200412	NIX	Mm.29820
122539	115289	AW556269	TC200071	null	Mm.100466
0	0	AW554518	TC183467	null	Mm.25750
89427	62660	AW554558	TC184136	null	null
172571	161425	AW554596	TC202022	null	Mm.28895
41795	34428	null	null	null	null
233031	242493	AW554529	TC202527	null	Mm.1511
1412112	1277043	AW554565	TC186413	housekeeping protein	Mm.29821
14367	12311	AW554606	null	null	null
47600	55481	AW554660	TC187718	cbp37	Mm.22327
214412	247586	AW555380	TC157838	null	Mm.36088
0	0	null	null	null	null
722200	763342	AW555585	TC190666	null	Mm.31034
485493	349908	AW555640	TC160747	null	Mm.10706
9876	15332	AW555389	TC186388	5' ORF	Mm.14802
0	0	AW555550	TC157645	casein kinase II beta subunit	Mm.26789
703405	654528	AW555605	TC157832	ATP receptor P2X4 subunit isof	Mm.27861
39262	21888	AW555650	null	null	null
33242	33802	AW556311	null	null	Mm.103176
118436	86737	AW556360	TC163439	fractionated X-irradiation-ind	Mm.1645
0	0	null	null	null	null
8714	12013	AW556484	null	null	null
446443	370590	AW556325	null	null	Mm.103180
439424	653307	null	null	null	null
22944	27139	AW556424	TC159934	null	Mm.31354
39318	26116	AW556506	TC188226	null	Mm.28169
1126677	1208067	AW554252	null	null	null
26292	26062	AW554344	TC177998	null	Mm.69083

56829	68456	AW554398	TC157649	transcription factor S-II	Mm.87235
2221326	1258119	AW554445	null	null	null
83216	61334	AW554273	TC161310	null	Mm.18875
58887	65736	AW554403	null	null	Mm.103097
40275	28156	AW554473	null	null	null
82112	74009	AW555238	TC202119	null	Mm.9864
10126	15868	AW555326	TC157250	null	Mm.29279
0	0	AW555452	TC159981	null	Mm.29151
127201	91378	null	null	null	null
67305	56099	AW555269	TC157219	null	Mm.13427
101786	74266	AW555342	TC161176	syntaxin 5	Mm.26558
59990	62713	AW555464	TC157935	null	Mm.23689
0	0	AW555524	TC165873	null	Mm.33072
226357	197578	AW556119	TC162206	null	Mm.28032
203897	195065	AW556177	TC161135	null	Mm.28932
1002013	1135166	AW556217	TC159000	similar to Drosophila ash2	Mm.27706
144278	146291	AW556258	null	null	null
472816	427859	AW556134	TC158364	Rab11b	Mm.35727
998517	1066560	AW556192	TC165068	null	Mm.103170
290343	351075	AW556225	TC186974	null	Mm.34051
1114906	1136834	AW556278	TC201021	null	Mm.28521
50746	40199	AW554519	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
0	0	null	null	null	null
203547	209828	AW554597	TC175357	null	Mm.45384
118483	90904	AW554651	null	null	null
42034	48212	AW554530	TC200554	type 1 procollagen C-proteinas	Mm.18808
1203043	794636	AW554567	TC200138	FK506-binding protein	Mm.27941
31808	35102	AW554607	TC187172	null	Mm.21852
472814	443299	AW554667	TC160271	38 kDa Mov34 homolog	Mm.2472
1194516	772981	AW555381	TC211200	null	null
70176	53001	AW555540	TC162545	null	Mm.72170
662582	457226	AW555588	TC189678	null	Mm.63068
573011	544257	AW555641	TC203011	null	Mm.9829
348361	328887	AW555391	null	null	null
392593	317685	AW555553	null	null	null
681683	512748	AW555606	null	null	null
265419	188551	AW555651	TC173491	cyclin D-interacting myb-like	Mm.22480
220467	206884	AW556314	null	null	Mm.104518
119542	97952	AW556362	TC163423	null	Mm.41761
24316	20260	AW556413	TC190814	null	Mm.9935
71443	73526	AW556485	TC163277	null	Mm.23992
39033	27523	AW556326	TC205017	null	Mm.103181
76947	70291	AW556377	TC188991	null	Mm.41539
0	0	AW556427	null	null	Mm.104519
7375	6172	AW556507	null	null	null
36408	35602	AW554253	TC190553	null	Mm.37551
159102	134090	AW554346	null	null	null
0	0	AW554412	TC202818	null	Mm.27241
42514	45916	AW554446	TC193230	null	Mm.102808
152910	97870	null	null	null	null
787545	483715	AW554370	TC163323	null	Mm.100587

234907	296117	AW554404	TC170828	null	null
0	0	AW554476	TC190830	null	Mm.41372
152671	103390	AW555263	TC182859	null	Mm.86671
43927	47368	AW555329	null	null	Mm.103136
104363	80624	AW555453	TC200601	null	Mm.24201
221748	246019	AW555504	TC177137	null	Mm.24136
298694	281108	AW555272	TC158402	null	Mm.46654
314158	274980	AW555346	TC175082	peroxisome membrane protein PE	Mm.16453
216587	261839	AW555468	null	null	null
20027	24192	AW555526	null	null	null
1034785	726117	AW556120	TC187015	null	Mm.30188
143039	143817	AW556179	null	null	null
127674	131400	AW556218	TC167070	null	null
135318	122778	AW556259	null	null	null
1156985	1108616	AW556136	TC176845	null	Mm.100615
2681033	2378253	null	null	null	null
415609	399569	AW556226	TC162995	null	Mm.28062
58093	54325	AW556279	null	null	null
65558	64619	AW554520	TC199980	null	Mm.43452
1699411	1717980	AW554560	null	null	null
17844	13758	AW554599	null	null	Mm.103106
164140	149911	null	null	null	null
38163	34244	AW554531	TC204251	null	Mm.33492
3819301	2259387	AW554569	TC173415	null	Mm.29719
448832	328627	null	null	null	null
34544	29665	AW554674	TC159535	preprocomplement component C3	Mm.19131
1270611	743550	AW555383	TC173042	null	Mm.4537
801643	1087634	AW555541	TC189222	lymphocyte specific helicase	Mm.57223
421066	380763	AW555592	TC188467	null	Mm.27665
1183808	1230131	AW555642	TC157609	null	Mm.29923
2910136	3139241	AW555395	TC197547	null	null
1547380	1535668	AW555555	null	null	null
167934	177384	AW555607	TC158543	null	Mm.34027
25724	23181	AW555652	TC197559	null	null
200823	162804	AW556319	null	null	Mm.103179
405548	343481	null	null	null	null
130888	171432	null	null	null	null
0	0	AW556495	null	null	null
547159	467389	AW556329	null	null	null
0	0	AW556381	TC159640	eukaryotic translocation facto	Mm.16317
150910	151904	AW556431	TC186415	null	Mm.14245
46951	61386	AW556508	null	null	Mm.104382
91376	86542	AW554257	TC207789	null	null
72576	135246	AW554413	TC197574	null	Mm.103096
143449	193337	AW554453	TC203066	short ORF	Mm.87561
63441	40374	AW554276	TC170835	null	Mm.103092
138981	118898	AW554373	TC174111	null	Mm.29328
38424	39606	AW554480	null	null	null
29748	18276	AW555264	TC159991	alpha-B crystallin	Mm.178
85235	104030	AW555335	null	null	null
61933	81124	AW555456	TC202028	centrin	Mm.24643

44110	43458	AW555507	TC200934	beta-1,4-galactosyltransferase	Mm.24545
28611	28468	AW555280	null	null	null
19387	17093	AW555347	TC162117	cAMP-dependent protein kinase	Mm.19111
34215	38828	AW555469	TC205800	null	Mm.74640
24671	26246	null	null	null	null
330711	342526	AW556123	TC200208	keratinocyte growth factor rec	Mm.16340
826112	929879	AW556184	null	null	null
365049	315805	null	null	null	null
2841391	2978135	AW556262	null	null	Mm.103172
180466	174726	AW556138	TC188972	null	Mm.90071
1498818	1373641	AW556196	TC202429	null	Mm.4002
0	0	AW556229	TC200900	MEK binding partner 1	Mm.20922
2628044	2589738	AW556280	TC201032	null	Mm.87700
19106	14579	AW554524	null	null	null
770394	789293	AW554562	TC173932	null	Mm.35508
251234	241630	AW554600	TC186650	p68 lipocortin protein (AA 1-6	Mm.22619
135872	194126	AW554656	TC177584	null	Mm.17610
35437	34456	AW554532	TC174702	null	Mm.13148
447866	383542	AW554570	TC186581	integral membrane protein	Mm.4891
864392	572780	AW554628	null	null	null
26160	15433	AW554676	null	null	null
165610	140233	AW555385	TC184004	null	null
574347	692852	AW555543	TC203547	null	Mm.32659
1911114	1787981	AW555594	null	null	null
1863342	992623	AW555644	TC173854	glutathione-S-transferase clas	Mm.31041
0	0	AW555399	TC210617	null	Mm.66402
1947535	1980640	AW555558	null	null	Mm.103147
176329	664750	null	null	null	null
111443	166346	AW555653	TC203777	null	Mm.44578
57498	46894	AW556320	TC162660	Ferredoxin-NADP Reductase prec	Mm.4719
193809	320634	AW556371	TC173237	Dlxin-1	Mm.27578
68603	53518	null	null	null	null
36675	27539	AW556496	TC188644	null	Mm.23826
125585	153641	AW556331	TC187013	null	Mm.10278
61380	73200	AW556382	TC161092	null	Mm.33951
265061	232320	AW556440	TC161132	null	Mm.12775
551520	759062	AW556509	TC186973	null	Mm.385
130320	113458	AW554258	TC162945	midnolin	Mm.103091
0	0	AW554353	TC194115	null	Mm.25000
0	0	AW554418	null	null	Mm.41719
407060	495049	AW554457	TC186464	null	Mm.30011
37136	32586	AW554277	null	null	Mm.103093
177915	167373	AW554376	null	null	Mm.382
1768030	1088493	AW554406	TC206330	null	Mm.38597
345507	273388	AW554482	null	null	Mm.103100
0	0	AW555265	TC186822	null	Mm.17307
0	0	AW555338	TC157964	null	Mm.65678
0	0	AW555458	TC199387	null	Mm.102291
0	0	AW555509	TC187292	null	Mm.30214
0	0	AW555281	TC175873	null	Mm.44224
0	0	AW555349	null	null	null



0	0	AW555473	TC161636	null	Mm.4051
0	0	AW555530	null	null	null
518731	549675	AW556129	TC157729	unnamed protein product	Mm.23841
213762	191757	AW556185	TC175527	MGA protein	Mm.87532
0	0	AW556220	TC189178	null	Mm.11382
767531	795432	AW556264	null	null	null
0	0	AW556139	TC176140	null	Mm.32329
0	0	AW556197	null	null	null
2009147	1565161	AW556230	TC173055	CDC42 protein	Mm.1022
93521	82840	AW556282	TC201755	tum- transplantation antigen	Mm.22596
110547	99421	AW554527	TC174857	formerly known as STM2; homol	Mm.4338
651137	726091	AW554563	null	null	null
356936	344413	AW554601	TC189819	null	Mm.87599
397055	536900	AW554658	TC202367	null	Mm.60794
50817	41499	AW554535	null	null	null
3090489	1652770	AW554572	TC188870	null	Mm.22258
610117	403678	AW554630	TC177012	null	Mm.18001
0	0	AW554683	TC162685	null	Mm.23816
1145359	1225637	AW555387	null	null	null
113372	92858	AW555547	null	null	null
2102948	1942571	AW555595	null	null	null
794555	674738	AW555645	TC203457	aldehyde oxidase homolog-1	Mm.20108
155449	211573	AW555400	null	null	null
131392	119398	AW555559	null	null	null
1692581	1690493	AW555618	TC159935	matrin3	Mm.41480
145375	92549	AW555660	null	null	Mm.103151
0	0	AW556321	TC160986	null	Mm.34081
1158062	1541924	AW556372	TC159930	decorin	Mm.1987
667594	501310	AW556422	TC157221	null	Mm.2041
432873	400685	AW556499	null	null	Mm.103185
197859	159669	AW556332	TC201846	m6a methyltransferase	Mm.76983
421913	433939	AW556383	TC200401	zeta proteasome chain; PSMA5	Mm.2287
289366	256145	AW556441	TC173517	null	Mm.41495
0	0	AW556511	TC167226	null	Mm.102585
506659	425509	AW554268	TC187987	bromodomain-containing protein	Mm.5400
181588	113883	AW554355	TC157313	Mpv17	Mm.999
267385	307218	AW554421	TC174865	complement subcomponent C1Q A	Mm.370
0	0	AW554463	TC174003	kidney predominant protein	Mm.21976
100054	88174	AW554281	null	null	Mm.38247
384294	271491	AW554377	TC172237	null	Mm.59137
2485853	1608647	AW554408	TC160269	unknown	Mm.396
50123	50609	AW554484	null	null	Mm.16767
67843	57935	null	null	null	null
345662	351296	AW555339	TC174268	null	Mm.21218
84710	73568	null	null	null	null
11528	13177	AW555517	TC182179	null	Mm.54911
49063	43854	AW555282	null	null	null
67195	73642	AW555351	TC160323	mitochondrial carrier homolog	Mm.29650
79048	90384	AW555477	TC173634	CTP synthetase homolog	Mm.2065
101135	115354	AW555537	TC200699	null	Mm.35695
413297	420116	null	null	null	null

681243	1061004	AW556189	TC157671	tyrosine kinase	Mm.6839
126365	74479	AW556221	TC160313	null	Mm.730
307958	254694	AW556266	TC200807	calcyclin binding protein	Mm.10702
90111	101096	AW556144	null	null	null
2395432	2728478	AW556198	TC186853	unknown	Mm.692
335780	298647	AW556233	TC202783	null	Mm.99704
1514750	1517297	AW556284	null	null	Mm.103173
200764	192023	AW554528	null	null	null
1217216	1371887	AW554564	TC201287	null	Mm.27653
125518	100023	AW554605	TC176777	Smad interacting protein 1	Mm.37676
74575	57087	AW554536	TC159001	null	Mm.43358
1751456	1215708	AW554573	TC200985	null	Mm.26949
729536	531419	AW554632	TC202535	null	Mm.35084
1107888	1275787	AW554685	TC200030	BAP-135 homolog	Mm.22593
491262	613576	AW555389	TC186388	5' ORF	Mm.14802
1045516	986516	AW555549	TC158381	null	Mm.21435
474847	355360	AW555596	TC158326	adipose differentiation relate	Mm.381
21891	14335	AW555646	TC170705	null	null
514239	498657	AW555403	TC178315	null	Mm.17850
115771	124974	AW555560	TC175425	F-box protein FBW5	Mm.29170
765139	654577	AW555610	TC161209	null	Mm.29139
1066610	828053	AW555661	TC160932	null	Mm.28347
77745	53632	AW556324	null	null	null
317361	338614	AW556373	TC173563	null	Mm.21399
90662	92551	AW556423	TC202739	null	Mm.56098
115412	90016	AW556501	TC161731	huntingtin interacting protein	Mm.33797
32187	37613	AW556334	null	null	null
301822	290191	AW556384	null	null	null
76962	77140	AW556444	TC191740	null	Mm.23657
87734	97553	AW556513	TC173252	translation repressor NAT1	Mm.525
229935	243631	AW557010	TC203106	null	Mm.32357
120782	95815	AW557056	TC197613	null	Mm.103215
45055	42909	AW557124	TC164098	null	Mm.42710
114756	104564	AW557180	null	null	Mm.103219
96790	83896	AW557022	TC162511	null	Mm.18617
12685	13693	AW557065	TC176635	null	Mm.22955
118375	103436	AW557137	TC161152	collagen alpha 1 chain type V	Mm.2509
38124	30509	AW557191	TC161678	hypothetical protein	Mm.34697
351027	257371	AW558000	TC158986	Bcl-2-interacting protein becl	Mm.30040
90447	110599	AW558059	null	null	null
0	0	AW558131	null	null	null
604585	711635	AW558184	TC199992	nonamer binding protein	Mm.4280
390434	249554	AW558016	TC200483	null	Mm.30113
151881	149731	AW558078	TC175489	fosB protein (AA 1-338)	Mm.26091
257085	242524	AW558145	TC202597	null	Mm.29464
108695	87872	AW558200	TC157987	null	Mm.88628
0	0	null	null	null	null
100339	77479	AW559064	TC188534	kinase	Mm.8108
48361	49548	AW559127	TC192097	potassium channel subunit	Mm.5177
38813	41082	AW559022	TC189329	null	Mm.35756
31528	19321	AW559084	TC175260	cytokine inducible SH2-contain	Mm.4592

142501	130810	AW559135	null	null	null
79113	105855	AW557252	null	null	Mm.104520
298932	260145	AW557306	TC186746	D-type cyclin	Mm.3141
422176	245967	AW557397	TC188106	null	Mm.25539
548218	443042	AW557458	TC174718	ubiquitin-specific processing	Mm.40986
70238	75838	AW557260	null	null	Mm.90760
18263	21611	AW557322	TC177677	null	Mm.33039
76891	63815	null	null	null	null
162581	113659	AW557474	TC186835	null	Mm.28058
22172	24410	AW558231	TC165867	null	Mm.100443
91214	62404	AW558293	TC160505	null	Mm.30153
648560	630242	AW558347	null	null	Mm.103280
50910	55838	null	null	null	null
313911	200877	AW558245	null	null	null
187831	157454	AW558309	TC161072	polypeptide GalNAc transferase	Mm.30249
800388	513408	AW558357	TC202471	null	Mm.29483
147141	126269	AW558510	TC189596	null	Mm.27070
9561	5919	AA016470	null	null	null
0	0	AA104143	null	null	null
0	0	AA404189	null	null	null
0	0	AA422631	null	null	null
0	0	AA023641	null	null	null
17522	13460	AA146556	null	null	null
180864	114663	AA269839	null	null	null
0	0	AA499251	null	null	null
35484	42530	AW557011	TC187499	equilibrative nitrobenzylthioi	Mm.29744
72020	53487	AW557058	null	null	Mm.103216
72412	65107	AW557129	TC201615	poly(A) polymerase V	Mm.3170
68755	65143	AW557181	null	null	Mm.103220
157674	160975	AW557024	null	null	null
0	0	AW557067	TC159505	defender against cell death 1	Mm.2547
64339	50436	AW557138	TC174719	null	Mm.41390
75373	56691	AW557192	TC203641	null	Mm.60166
1011297	958353	AW558008	TC200200	calumenin	Mm.7515
149459	121220	AW558065	TC162398	null	Mm.18814
625958	506206	AW558132	null	null	null
75551	84749	AW558188	TC159037	null	Mm.27529
1775577	999978	AW558020	TC201642	null	Mm.28560
0	0	AW558079	TC203322	null	Mm.2415
110379	95024	AW558146	TC201994	null	Mm.20488
54569	65612	null	null	null	null
48699	41788	AW559014	TC202620	null	Mm.24411
12581	9816	null	null	null	null
42473	47464	AW559128	TC187557	null	Mm.23702
35914	22472	null	null	null	null
22603	18869	AW559085	TC203264	null	Mm.306
17158	10954	null	null	null	null
56340	44847	null	null	null	null
36760	24722	AW557309	TC192989	null	Mm.103230
267362	301765	AW557402	TC173272	null	Mm.534
487827	410365	AW557461	TC200246	null	Mm.8195

167131	120274	AW557261	TC201133	null	Mm.27692
938034	807571	AW557330	TC191148	null	Mm.46102
35760	41297	AW557415	TC200516	null	Mm.86625
84183	88066	AW557475	TC157724	myelin proteolipid	Mm.1268
116013	127051	AW558233	TC188616	null	Mm.90289
470228	302143	AW558295	TC163996	null	Mm.87487
227147	195726	AW558348	TC199989	ISRE-binding protein	Mm.4280
410176	338415	AW558410	TC201278	null	Mm.27302
176453	130021	AW558247	TC206150	null	Mm.86150
744454	563135	AW558313	null	null	null
0	0	AW558361	TC191436	2B4	Mm.2299
71992	69350	AW558512	TC176092	null	Mm.30252
21574	14961	AA013571	null	null	null
30092	22203	AA210248	null	null	null
0	0	AA403424	null	null	null
91756	74046	AA403649	null	null	null
44260	41168	AA021792	null	null	null
8268	5269	AA138835	null	null	null
80551	82997	AA270270	null	null	null
0	0	AI480613	null	null	null
174129	133953	AW557015	TC201733	null	Mm.39038
56579	44404	AW557059	TC164017	null	Mm.35521
79849	88963	AW557130	TC188935	null	Mm.4095
122849	120593	AW557025	TC187727	null	Mm.27388
866489	851346	AW557070	TC203658	null	Mm.28496
0	0	AW557145	TC162329	null	Mm.40036
0	0	AW557193	null	null	null
22175	20353	null	null	null	null
36165	27596	AW558066	TC192331	null	Mm.23471
269790	264509	AW558136	null	null	null
724351	867301	AW558191	null	null	Mm.103276
433435	321728	AW558021	TC163520	null	Mm.32675
227157	216269	AW558090	TC192589	null	Mm.82640
339177	249785	AW558147	TC160398	epsilon-COP	Mm.28668
15346	11664	AW558201	TC189670	inducible IKappaB kinase	Mm.37672
27326	20494	AW559016	TC201921	null	Mm.5264
62440	58890	AW559077	TC188187	null	Mm.45739
91233	80333	AW559129	null	null	Mm.103304
117578	102848	AW559023	TC188295	null	Mm.100190
37732	25617	null	null	null	null
152633	106610	AW559139	TC157346	null	Mm.104045
166045	138859	AW557254	null	null	Mm.57057
127256	103940	AW557310	TC188546	null	Mm.13052
84967	93748	AW557403	null	null	null
16801	21831	AW557463	TC193907	null	Mm.103239
1944843	1785608	AW557263	TC174126	FXR1	Mm.4038
988980	802107	AW557331	TC200975	null	Mm.27477
158935	146388	AW557416	TC161458	null	Mm.22115
342908	301054	AW557480	TC202739	null	Mm.29525
294410	147561	AW558234	TC188040	null	Mm.29742
41306	33325	AW558298	TC163178	null	Mm.23990

204935	251878	AW558351	TC162178	null	Mm.39856
169852	184836	AW558411	TC158974	contains transmembrane (TM) re	Mm.15985
26578	17540	AW558248	null	null	null
132093	131801	AW558319	TC174517	protein 4.1	Mm.30038
466441	523052	AW558365	TC188389	null	Mm.28818
28115	25080	AW558513	TC184078	null	Mm.103286
37049	43762	AA016913	null	null	null
15018	5657	AI323605	null	null	null
20804	20484	AA249928	null	null	null
119152	107003	AA426945	null	null	null
53836	47778	AA030139	null	null	null
26148	25689	AI325148	null	null	null
34964	31919	AA271781	null	null	null
114141	81749	AA517162	null	null	null
0	0	AW557019	TC173810	null	Mm.34772
352448	243197	AW557061	TC186392	null	Mm.26838
460805	260766	AW557132	null	null	null
35092	27423	AW557183	TC192534	homolog of the human ataxia te	Mm.5088
397048	337735	AW557028	null	null	null
60468	71427	AW557075	TC188724	null	Mm.2069
229085	223373	AW557146	TC186446	protein phosphatase 1cgamma	Mm.7793
59091	56968	AW557194	null	null	null
145164	159156	AW558010	TC189803	null	Mm.27165
27546	20266	AW558067	TC179275	null	Mm.103270
0	0	AW558142	TC162183	null	Mm.34023
459402	357102	AW558197	TC188791	null	Mm.27829
88194	77633	AW558022	TC203670	null	Mm.26600
30219	26891	AW558091	TC175962	null	Mm.78186
152768	134162	null	null	null	null
0	0	AW558202	TC157909	synaptonemal complex protein	Mm.21754
30123	25152	null	null	null	null
40457	33019	AW559079	null	null	Mm.103467
54147	51019	AW559130	TC200223	null	Mm.27039
90406	89081	AW559031	TC189855	null	Mm.27650
22670	20293	AW559089	null	null	Mm.103300
60335	37664	AW559143	null	null	null
171401	248196	AW557255	TC201418	null	Mm.38955
48124	33131	AW557311	TC211267	null	Mm.103231
599745	313265	AW557404	TC186390	Selenoprotein P	Mm.22699
88328	79119	AW557467	null	null	null
470096	585188	AW557266	TC200211	null	Mm.6932
330600	293995	AW557335	TC160377	null	Mm.28848
64418	90712	AW557419	TC187828	null	Mm.41009
2010315	2072236	AW557481	TC186539	14-3-3 zeta protein	Mm.3360
31738	32971	AW558241	TC187889	null	Mm.13835
97902	69530	AW558301	TC202777	null	Mm.88730
239101	153313	AW558352	null	null	Mm.103281
304877	196660	null	null	null	null
351225	254225	AW558254	TC189519	null	Mm.27325
22648	21416	AW558321	TC190739	null	Mm.87513
804590	706439	AW558366	null	null	Mm.103283

154833	154750	AW558514	TC174956	null	Mm.29054
0	0	AI426105	null	null	null
67958	52984	AA125302	null	null	null
18376	17384	AA261175	null	null	null
24339	21740	AA423684	null	null	null
228596	187463	AI323333	null	null	null
26787	130345	AA171309	null	null	null
28552	37478	AA270904	null	null	null
0	0	AA541835	null	null	null
0	0	AW557020	TC174745	null	Mm.24655
0	0	AW557063	null	null	Mm.20903
25041	23675	AW557133	null	null	Mm.103287
0	0	AW557187	TC184070	null	Mm.103221
0	0	AW557029	null	null	null
0	0	AW557082	TC158232	sulfated glycoprotein	Mm.3363
0	0	AW557148	null	null	null
0	0	AW557197	TC202193	ELL	Mm.1552
327628	310373	AW558011	TC201918	null	Mm.21173
180110	179710	AW558070	TC164626	null	Mm.41078
0	0	AW558143	TC204127	null	Mm.34745
622193	553189	AW558198	TC200824	endothelial-monocyte activatin	Mm.10507
352266	337535	AW558025	TC161151	NF-YC-like protein	Mm.4748
122774	98956	AW558095	TC163433	null	Mm.74704
64042	65859	AW558153	null	null	null
0	0	AW558203	null	null	null
0	0	AW559020	TC201292	null	Mm.3224
0	0	AW559081	TC162634	null	Mm.28827
0	0	null	null	null	null
0	0	AW559033	TC188381	null	Mm.13080
0	0	null	null	null	null
0	0	AW559145	null	null	null
422182	456328	AW557257	TC161223	nuclear body associated kinase	Mm.27601
46835	54462	AW557317	null	null	Mm.103232
161015	180747	AW557408	TC187176	ufo	Mm.4128
0	0	AW557469	TC161088	putative E1-E2 ATPase	Mm.10288
87436	77094	AW557270	null	null	null
634507	408633	AW557336	TC188125	GES30	Mm.6577
0	0	AW557421	null	null	Mm.103237
38799	36538	AW557482	TC158347	nedd-1 protein	Mm.2998
34397	26507	AW558242	null	null	Mm.103278
649597	457130	AW558305	TC159976	adenylate kinase isozyme 2	Mm.29460
43061	36461	AW558354	null	null	null
92446	94993	AW558418	null	null	null
68045	44166	AW558257	TC174409	null	Mm.29233
0	0	null	null	null	null
0	0	AW558368	TC201905	null	Mm.7196
24141	23380	AW558515	TC188086	null	Mm.25595
61204	35048	AA017810	null	null	null
42844	49692	AA153597	null	null	null
49831	29607	AA267085	null	null	null
125152	159688	AA419842	null	null	null

53128	33237	AA033085	null	null	null
76108	50529	AA174705	null	null	null
658496	763847	AA271795	null	null	null
67830	60913	AA538277	null	null	null
327255	319721	AW557021	null	null	null
51871	32502	AW557064	null	null	Mm.34194
476959	216647	AW557135	TC175445	xanthine dehydrogenase	Mm.3043
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17249	16435	AI836026	TC187575	null	Mm.34356
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23714	18385	AI835900	null	null	null
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47869	23549	AI836731	null	null	null
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74436	31172	AF159803	null	null	null
372842	584572	X58149	null	null	null
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0	0	AF168390	null	null	null
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0	0	AF198054	null	null	null
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81401	108584	AI835784	TC186986	sphingosine-1-phosphate phosph	Mm.28948
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319802	537853	AF247559	null	null	null
764621	475695	X56062	null	null	null
2127203	475338	AF198054	null	null	null
82039	98627	AI836117	TC173747	null	Mm.2241
33540	26823	AI835125	TC186455	cytohesin-2	Mm.19097
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229930	183438	AI835177	TC161835	null	Mm.24244
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73950	50349	AI835691	TC189106	null	Mm.4772
85308	89009	AI836942	TC161067	null	Mm.27839
535431	420705	AI839636	null	null	null
0	0	AI836732	TC202283	null	Mm.29970
134927	121619	AI836902	TC188398	glutathione S-transferase thet	Mm.24118
68858	49835	AI839627	TC162811	null	Mm.40775
83194	82643	AI836711	TC200031	brain expressed X-linked prote	Mm.14768
195486	226485	AI839652	TC186472	t-complex protein; (Tcp-1x)	Mm.6797
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313720	169828	AF159803	null	null	null
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2465554	1548562	U91966	null	null	null
2218537	549098	AF168390	null	null	null
1124596	1584547	AF247559	null	null	null
1511394	946618	X56062	null	null	null
2058483	553467	AF198054	null	null	null
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95438	81487	AI836025	TC186858	FBP 21	Mm.20938
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273673	283139	AI835777	TC160481	SDF4	Mm.30149
112301	66912	AI835855	TC159795	null	Mm.34246
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31858	40482	AI835876	TC160925	null	Mm.29424
81699	47997	AI835654	TC161548	null	Mm.28040
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1734994	1099564	X56062	null	null	null
0	0	AF198054	null	null	null
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89700	121781	AI835128	TC176664	null	Mm.30612
93629	85963	AI835167	TC187046	kinesin light chain 1	Mm.20354
129138	182289	AI836289	TC157712	EWS	Mm.22691
1139248	1470727	AI835106	TC200020	elongation factor 1-beta homol	Mm.2718
84543	75253	AI835132	TC164938	null	Mm.31675
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24718	26772	AI835693	TC179606	null	null
37250	27229	AI836943	TC159958	Y box transcription factor	Mm.21054
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113910	85595	AI836691	TC175823	null	Mm.36501
171353	222129	AI836712	TC159517	ribosomal protein S24	Mm.16775
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0	0	AI836856	TC163285	null	Mm.29579
490165	507232	AI836541	TC186373	Mus musculus ribosomal protein	Mm.30806
335219	258542	AI839755	TC175625	null	Mm.31069
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0	0	AI836529	TC187364	null	Mm.44244
0	0	AI836550	TC189984	selenocysteine lyase SCLY	Mm.29595
18061	14787	AI836561	TC203215	null	Mm.41159
15906	11116	AI839842	TC177943	null	Mm.40760
69402	57717	AI841581	TC167135	null	Mm.45553
9983	5977	AI841715	TC176304	null	Mm.45145
64993	51124	AI838550	TC161102	null	Mm.24646
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14292	8122	AI841594	TC204836	null	Mm.40794
8657	4531	AI834807	TC190269	lymphocyte specific formin rel	Mm.43069
19698	16207	AI838556	TC170631	null	Mm.26647
143783	95530	AI837906	TC186741	semaphorin B	Mm.22061
118808	95446	AI838660	TC189094	null	Mm.26248
134128	141378	AI838700	TC162097	null	Mm.27887
342023	258786	AI839289	TC157609	null	Mm.29923
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164230	139751	AI838668	null	null	Mm.21417
65025	62721	AI841815	TC160761	cleavage and polyadenylation s	Mm.716
9486	10690	AI841835	TC174046	matrilin-2 precursor	Mm.3511
8860	4497	AI840132	TC173908	phosphomannomutase Sec53p homo	Mm.18939
638190	402080	AI836589	TC159417	ATP synthase beta-subunit	Mm.17869
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8701	9275	AI840093	TC178417	null	Mm.22866
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43754	38071	AI841866	TC199982	null	Mm.21289
573673	559124	AI841921	null	null	Mm.40115
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42868	30040	AI840174	TC157384	null	Mm.27700
88979	80342	AI841880	TC162361	null	Mm.41751
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82600	51978	AI839756	TC200301	thioredoxin	Mm.3533
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163203	82356	AI839742	TC189053	N system amino acids transport	Mm.30058
126241	92835	AI839759	TC188125	GES30	Mm.6577
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56002	54950	AI838551	TC160774	prostaglandin endoperoxide	Mm.2792
55384	56359	AI838520	TC188378	GTP-binding protein	Mm.41803
8189	5554	AI841597	TC161700	null	Mm.26958
623897	350932	AI841739	TC201332	null	Mm.29174
17222	19674	AI838557	TC189032	acetylglucosaminyltransferase-	Mm.20872
0	0	AI837912	TC205840	neuritized-like protein	null
25456	24504	AI838661	TC161440	null	Mm.31726
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102845	334103	AI840126	TC159456	stearoyl-CoA desaturase 2	Mm.298
88187	77214	AI838669	TC160423	null	Mm.21667
27682	22445	AI839271	TC186825	null	Mm.21069
556482	239703	AI841837	TC201710	prolidase	Mm.12838
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95669	88470	AI839862	TC188373	null	Mm.40037
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221991	187380	AI836623	TC186440	null	Mm.19060
0	0	AI836599	TC169488	null	Mm.44098
8678	6802	AI836218	null	null	null
22439	16890	AI836883	TC175237	unnamed protein product	Mm.22637
53641	39547	AI836631	TC160286	Ndr1 related protein Ndr3	Mm.36775
19625	23568	AI837465	TC203876	null	Mm.46606
321553	214042	AI837563	TC160932	null	Mm.28347

36354	41760	AI840083	null	null	Mm.16820
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110806	86553	AI837584	TC175374	null	Mm.18550
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129939	115091	AI838940	null	null	null
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17343	9708	AI841881	TC202078	null	Mm.41449
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134040	93289	AI839758	TC176289	null	Mm.28497
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88948	63078	AI841729	TC206070	null	null
36634	27561	AI838552	TC203895	null	Mm.34769
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16619	21108	AI837915	TC162050	null	Mm.27848
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70644	81660	AI840128	null	null	null
122122	129171	AI838671	null	null	null
31379	22451	AI839272	null	null	Mm.39335
16329	11887	AI839297	TC175803	fibroblast activation protein	Mm.41816
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42366	30900	AI839852	TC164776	null	Mm.39151
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189337	189336	AI836882	TC173151	cystatin C	Mm.4263
74195	924421	AI836624	TC157596	sulfated glycoprotein-2	Mm.18700
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347243	277543	AI836632	null	null	Mm.39122
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108383	92547	AI840168	TC186956	piL	Mm.26562
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76170	60735	AI841927	TC187850	null	Mm.22397
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117009	387687	AI841883	null	null	Mm.39353
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76712	67607	AI836558	TC187891	null	Mm.26696
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0	0	AI836531	null	null	null
41070	52841	AI836552	TC202003	null	Mm.20559
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27603	19527	AI838553	TC204721	null	Mm.208
11163	7722	AI837894	null	null	null
87799	65664	AI841599	TC187608	LZIP-1 and LZIP-2	Mm.12407
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76680	64905	AI837922	TC186531	null	Mm.2395
65521	54617	AI838663	TC187313	null	Mm.28258
142559	127728	AI838704	TC157795	null	Mm.11223
63595	50847	AI841831	TC200554	type 1 procollagen C-proteinas	Mm.18808
65915	50019	AI840129	TC159856	nitrilase 1	Mm.12915
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436773	411012	AI840135	TC186934	cyclin I	Mm.22711
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61934	65063	AI836616	TC161521	null	Mm.21458
245403	190924	AI840425	null	null	null
41537	50246	AI836625	TC158387	null	Mm.22440
36478	33691	AI836600	TC160614	D9 splice variant 3	Mm.1973
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150252	141615	AI840429	TC189588	null	Mm.26500
59946	50062	AI836635	null	null	Mm.39768
19846	16258	AI837469	TC202415	null	Mm.22094
40854	41165	AI837573	TC188747	null	Mm.4532
34949	45914	AI840088	TC187177	30-kDa subunit of replication	Mm.2870
44118	47140	AI838800	TC161595	Ariadne protein (ARI)	Mm.27783
0	0	AI837496	null	null	Mm.39776
126990	118565	AI837587	null	null	null
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38105	34961	AI838816	TC178791	null	Mm.40069

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78191	102268	AI841928	TC202918	null	Mm.21284
13314	12611	AI838942	null	null	Mm.39141
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18902	20138	AI841884	TC159962	null	Mm.33808
125858	170047	AI838913	TC173398	synexin	Mm.20794
216726	183329	AI838954	TC159490	cadherin associated protein	Mm.18962
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0	0	AI841737	TC186711	coat protein gamma-cop	Mm.26422
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163158	137210	AI838705	TC187090	nucleobindin	Mm.2283
271811	303929	AI839296	TC186556	null	Mm.29057
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72110	132251	AI839275	TC200181	basement membrane collagen alp	Mm.738
23710	14822	AI841840	TC161878	lysyl oxidase-2	Mm.21049
0	0	AI840136	TC157622	proline-rich protein	Mm.28797
0	0	AI836596	TC203654	null	Mm.29639
45955	66719	AI836617	TC204864	null	null
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90221	72867	AI836627	null	null	Mm.39519
79119	61143	AI836601	TC160590	null	Mm.27841
56259	36178	AI836221	TC190324	RING finger protein HAC1	Mm.29290
75246	76514	AI840430	TC200780	null	Mm.9257
13997	14554	AI836636	TC202317	X-linked PEST-containing trans	Mm.5045
13957	12364	AI837474	TC191954	null	null
23589	19694	AI837574	TC191470	null	null
106188	130563	AI840089	TC159865	X16	Mm.6787
35071	36854	AI838805	TC200794	null	null
15606	9993	AI837498	null	null	Mm.34664
225606	204431	AI837588	TC189278	null	Mm.27176
105477	94784	AI840100	TC173256	null	Mm.21207
47155	32253	AI839477	TC173341	RNA-binding protein alpha-CP1	Mm.29089
0	0	AI840172	TC163123	null	Mm.9986
23389	15610	AI841875	TC204592	null	Mm.32599
33723	30191	AI841931	TC202412	null	Mm.35466

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62698	95126	AI841886	TC173053	pro-alpha-2(I) collagen	Mm.4482
55736	39109	AI838914	TC188546	null	Mm.13052
81501	77433	AI838955	TC201858	null	Mm.29620
285662	173379	AI840347	null	null	Mm.40422
118228	90465	AI836548	TC160759	null	Mm.29852
320843	176050	AI836560	TC160170	transcobalmin II	Mm.20948
26930	25575	AI836576	TC186918	prion protein PrP27-30	Mm.648
0	0	AI839735	TC187757	null	Mm.37751
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146965	113196	AI839797	null	null	Mm.42644
22076	22294	AI836579	null	null	Mm.39766
125625	176032	AI841591	TC173146	multiple inositol polyphosphat	Mm.43580
86623	84475	AI841738	TC163254	null	Mm.39808
266621	275052	AI838555	null	null	null
26263	20212	AI837905	null	null	Mm.4784
109010	118575	AI841606	TC202054	null	Mm.1947
0	0	AI838527	TC187188	null	Mm.24831
133133	105834	AI838487	TC161576	annexin III	Mm.7214
0	0	AI837932	TC163179	null	Mm.41483
18420	31325	AI838666	TC176393	null	Mm.24529
55931	41083	AI838707	null	null	Mm.39780
453721	729803	AI841834	TC157604	M-TAXREB107	Mm.588
89399	52234	AI840131	TC177691	null	Mm.41026
155133	146795	AI838676	TC200401	zeta proteasome chain; PSMA5	Mm.2287
0	0	AI839277	TC191018	stress-activated protein kinas	Mm.38343
199468	169057	AI839299	TC160321	acinusS'	Mm.30236
0	0	AI840141	TC189965	null	Mm.41888
0	0	AI839855	null	null	Mm.39790
378563	496243	AI836618	TC199928	5S ribosomal protein	Mm.5291
75621	65236	AI836241	null	null	Mm.10727
79033	87671	AI836628	TC187628	null	Mm.28063
32019	24125	AI839858	TC177688	syntrophin-associated serine-t	Mm.23721
358043	265098	AI836222	TC188562	vesicle trafficking protein se	Mm.33128
59404	61810	AI836887	TC158447	null	Mm.22145
90160	44276	AI836637	TC176281	null	Mm.40773
33537	45796	AI837483	TC202573	null	Mm.25322
122869	113300	AI837581	null	null	null
27409	31909	AI840092	TC174447	stat-like protein	Mm.38469
93253	88646	AI838809	null	null	null
18259	13392	AI837503	TC187889	null	Mm.13835
41577	34038	AI837590	TC204870	null	Mm.40756
25853	23850	AI840103	TC162671	null	Mm.38058
112975	100395	AI839478	null	null	Mm.40087
63251	43118	AI840173	TC187332	null	Mm.33926
174565	551532	AI841876	null	null	Mm.2329
124266	181091	AI841933	TC186421	TGF-beta receptor binding prot	Mm.18921
22392	16598	AI838945	null	null	null
63561	83356	AI840182	TC159924	retinoblastoma-binding protein	Mm.1603
0	0	AI841889	TC188824	mouse a1(XI) collagen chain	Mm.5017

51311	56169	AI838915	TC187118	null	Mm.23825
0	0	AI838956	TC162493	null	Mm.38783
20191	8662	AI839345	TC178783	null	Mm.40790
21083	15247	AI838844	TC162462	Ly-6/neurotoxin homolog	Mm.35270
502405	365576	AI838907	null	null	Mm.39140
0	0	AI841797	TC202046	vacuolar proton-translocating	Mm.34480
12316	7626	AI839352	TC161684	null	Mm.12184
39183	26147	AI838857	TC189702	ecto-ATPase	Mm.31308
0	0	AI841752	TC163837	null	null
189105	162940	AI841806	TC174426	adenylosuccinate synthetase	Mm.6317
0	0	AI840405	null	null	null
21210	15980	AI839908	TC157925	null	Mm.36545
30465	18094	AI841419	TC201514	calmodulin-binding protein	Mm.1222
0	0	AI841477	TC201585	neurochondrin-2	Mm.43445
167616	114795	AI839874	TC162649	carbonic anhydrase-related pol	Mm.40711
18303	19486	AI839920	TC175808	null	Mm.41440
45101	41646	AI841433	TC199965	null	Mm.24600
1138536	505878	AI841487	TC177157	null	Mm.14189
422740	325324	AI839062	null	null	null
0	0	AI837685	TC192878	FMR2 protein	Mm.8031
125686	81927	AI837740	TC201641	null	Mm.30869
0	0	AI840978	TC202223	null	Mm.41067
278946	251513	AI839071	TC188405	null	Mm.46557
11742	17022	AI837696	TC200479	protein 4.1G	Mm.37941
6613	6186	AI840935	TC204275	null	Mm.22998
0	0	AI841037	TC157961	null	Mm.24075
0	0	AI839008	TC188576	uroporphyrinogen III synthase	Mm.3160
44371	26310	AI839499	TC203275	rho7	Mm.33801
215875	170332	AI839535	TC181593	null	Mm.40415
31069	20707	AI839442	null	null	Mm.39788
285504	193509	AI839017	TC174365	null	Mm.30041
12135	10147	AI839511	TC189463	alpha-2,8-sialyltransferase	Mm.5173
43834	33116	AI839548	null	null	Mm.40089
8126	7022	AI839455	null	null	null
0	0	AI841532	null	null	Mm.39162
128240	115287	AI841116	TC200075	putative TSA, thiol specific a	Mm.42948
89674	59087	AI842007	TC157882	null	Mm.30062
0	0	AI840814	TC200680	null	Mm.27718
33969	32492	AI841078	null	null	Mm.39351
76427	43306	AI841124	TC188023	null	Mm.29571
80208	61366	AI842025	TC162077	null	Mm.39811
41621	34987	AI840829	TC165717	null	Mm.45058
58143	49972	AI837768	TC163745	null	Mm.40992
55907	49293	AI837821	TC174993	null	Mm.29183
237865	144626	AI840929	null	null	null
0	0	AI840773	TC200899	null	Mm.28285
32152	32845	AI837774	TC200995	null	Mm.28144
159305	131885	AI840878	TC186528	null	Mm.27401
56860	73717	AI840738	TC174896	platelet-derived growth factor	Mm.2924
51998	39476	AI840790	null	null	null
36914	26399	AI839346	TC202569	null	Mm.26627

578771	457488	AI838847	null	null	null
24524	24832	AI841742	TC176135	homology to nucleosome assembl	Mm.1441
20146	19455	AI841798	TC159424	tissue inhibitor of metallopro	Mm.4871
37203	42381	AI839353	TC186742	intracellular chloride channel	Mm.22409
23826	15748	AI838861	TC190502	null	Mm.41399
123587	146215	AI841753	TC205593	null	Mm.33558
41538	41450	AI841809	TC160142	Smt3A protein	Mm.24433
617324	356068	AI840407	null	null	Mm.39555
283655	220006	AI839909	null	null	null
287155	219564	AI841424	null	null	null
77609	45077	AI841478	null	null	null
260758	174239	AI839875	null	null	null
110732	84167	AI839924	TC181197	null	Mm.44108
71262	54449	AI841437	TC210084	null	Mm.41828
42775	42394	AI841490	TC162575	sulfonylurea receptor-1	Mm.20868
20132	13985	AI839063	TC162676	null	Mm.40355
16190	19731	AI837687	TC158492	null	Mm.27536
501606	542466	AI837745	TC200445	telomerase binding protein p23	Mm.22421
202465	123978	AI840979	TC160256	succinyl-CoA synthetase	Mm.29845
73886	58808	AI839072	null	null	null
255338	204073	AI837697	TC187278	magnesium dependent protein ph	Mm.3766
231329	229142	AI840938	TC160561	null	Mm.21859
16248	14101	AI841038	TC203381	null	Mm.41000
23036	37053	AI839009	TC200046	null	Mm.29902
97907	66697	AI839501	TC169526	null	null
14399	18918	AI839536	TC161141	null	Mm.14992
804293	660365	AI839445	null	null	null
0	0	AI839023	null	null	null
41087	29693	AI839512	TC174366	mitochondrial inner membrane t	Mm.2368
17818	17250	AI839550	TC188066	null	Mm.40726
0	0	AI839461	TC165325	null	null
427169	295857	AI841534	null	null	Mm.39564
33958	32547	AI841117	TC162048	null	Mm.41673
98230	83851	AI842011	TC175909	null	Mm.29219
6711	7421	AI840815	TC162001	null	Mm.25269
0	0	AI841082	TC202340	erythroid ankyrin	Mm.4789
44439	38698	AI841125	null	null	Mm.17446
115598	100167	AI842029	TC202127	null	Mm.28537
177683	139265	AI840831	null	null	null
61188	45125	AI837769	TC200208	keratinocyte growth factor rec	Mm.16340
130112	161577	AI837822	TC158866	ribosomal protein L37a	Mm.21529
263161	216233	AI840724	null	null	null
23822	18108	AI840776	null	null	null
0	0	AI837781	null	null	null
0	0	AI840880	null	null	null
0	0	AI840740	null	null	null
32719	19823	AI841046	TC189796	mGLT-1A	Mm.2861
67777	53432	AI839347	TC161154	null	Mm.28760
19364	10738	AI838848	TC187361	null	Mm.29412
177245	107611	AI841743	TC160039	nonclathrin coat protein zeta-	Mm.29473
88283	81943	AI841801	TC160828	tumor susceptibility protein T	Mm.22688



0	0	AI839355	TC200382	PCTAIRE-1 protein kinase	Mm.4597
13713	15908	AI838864	null	null	Mm.40768
50412	65602	AI841755	TC158998	RHOB	Mm.687
6029	6372	AI841810	TC201124	ornithine decarboxylase antizy	Mm.675
921189	585714	AI840409	TC196395	null	Mm.40101
23142	21994	AI839911	TC173715	tetracycline transporter-like	Mm.3792
218168	143202	AI841426	TC174505	null	Mm.29829
2548926	1315246	AI841479	TC188425	null	Mm.29096
32596	19324	AI839876	TC203627	null	Mm.28376
52048	42336	AI839925	TC201961	null	Mm.21474
20226	15289	AI841439	null	null	null
46309	31401	AI841492	TC207033	null	Mm.44110
28970	18580	AI839064	null	null	null
0	0	AI837688	TC175181	null	Mm.18311
92303	64919	AI840930	null	null	null
9859	10469	AI840980	TC164006	null	Mm.29320
68779	50763	AI839079	TC188245	nervous system-specific RNA bi	Mm.3823
238533	208413	AI837699	null	null	null
91055	81722	AI840941	TC201742	null	Mm.27561
531698	314180	AI841041	TC161668	null	Mm.10717
31644	25719	AI839010	null	null	Mm.40407
118928	108783	AI839503	TC187977	null	Mm.24575
62411	55352	AI839539	TC202591	null	Mm.35843
171211	180225	AI839447	TC158458	null	Mm.38248
26518	18715	AI839025	null	null	Mm.25311
29472	31247	AI839513	TC188453	ES2 protein	Mm.10094
19210	23381	AI839384	TC166005	null	Mm.23307
0	0	AI839665	TC201110	H5	Mm.2214
32526	28091	AI841535	TC189014	null	Mm.34047
100124	74913	AI841118	null	null	Mm.36865
148274	122549	AI842014	TC190872	null	Mm.29950
38110	36188	AI840823	null	null	null
344536	377297	AI841084	TC160985	null	Mm.28870
0	0	AI841128	TC205174	null	Mm.41564
7721	8758	AI842033	null	null	null
709807	531821	AI840835	null	null	Mm.39797
79814	71315	AI837780	TC159811	thioredoxin-related protein	Mm.19169
10498	10019	AI840869	TC186465	null	Mm.21840
0	0	AI840731	TC202701	null	Mm.41897
163020	150644	AI840781	TC192292	null	Mm.40685
215687	172255	AI837783	null	null	null
82782	81984	AI840884	TC187707	null	Mm.29741
147921	125818	AI840741	null	null	null
82661	70250	AI841048	TC199989	ISRE-binding protein	Mm.4280
21078	16252	AI839348	TC177027	null	Mm.11582
18929	18276	AI838850	TC161171	null	Mm.28703
72377	79482	AI841746	TC157675	spindlin	Mm.42193
58078	51424	AI841802	TC157633	Seryl-RS	Mm.28688
9509	9383	AI839356	null	null	Mm.39338
103872	81330	AI838866	null	null	Mm.39329
25634	19804	AI841757	TC157564	null	Mm.32198

293012	155859	AI841811	TC175199	DXImx39e protein	Mm.29596
14593	13626	AI839865	TC175416	precursor polypeptide (AA -17	Mm.4915
42852	37835	AI839913	TC201591	MAL	Mm.39040
170097	157701	AI841427	TC161846	null	Mm.12193
290799	179382	AI841480	TC190889	null	Mm.24524
334359	188930	AI839881	TC157231	ENO2	Mm.3913
152693	142821	AI839929	TC210076	null	Mm.44623
101488	69003	AI841440	TC161566	null	Mm.28778
107508	80967	AI841494	TC189132	UDP-Gal:betaGlcNAc beta 1,3-ga	Mm.36174
129605	167916	AI839067	TC187158	hypothetical protein A	Mm.3752
214605	158756	AI837689	null	null	Mm.34775
243895	210426	AI840931	TC200138	FK506-binding protein	Mm.27941
106852	105208	AI840993	TC175233	null	Mm.23814
59392	50937	AI839082	TC190260	null	Mm.2775
99797	75708	AI837701	TC175896	null	Mm.29360
41795	38055	AI840943	TC203432	null	Mm.41882
35734	23117	AI837747	TC175247	null	Mm.34169
0	0	AI839014	TC202701	null	Mm.41897
254351	175342	AI839506	TC161329	Sac1 protein	Mm.45214
225704	197674	AI839541	null	null	Mm.40088
53543	53771	AI839448	null	null	null
57842	34638	AI839027	TC175698	null	Mm.34914
16513	13607	AI839515	TC174201	null	Mm.23686
54719	41997	AI839386	TC169563	null	Mm.32723
39586	35401	AI839681	TC187798	null	Mm.29795
301134	260603	AI841536	null	null	null
119525	105250	AI841121	null	null	null
84182	66063	AI842020	TC159430	myelin basic protein	Mm.2992
21070	20857	AI840824	TC205325	null	Mm.5209
93971	143107	AI841088	TC202020	null	Mm.28895
26659	21263	AI841134	null	null	null
22010	15344	AI842035	null	null	Mm.40800
107941	82063	AI840836	TC159762	G protein beta subunit like	Mm.29453
50610	50220	AI837771	TC161039	null	Mm.27831
421656	449269	AI840873	TC157727	kinesin heavy chain	Mm.2632
108303	85358	AI840732	null	null	null
332316	327657	AI840782	null	null	null
143907	108266	AI837786	TC163616	null	Mm.24385
66104	49488	AI840889	TC160977	vacuolar adenosine triphosphat	Mm.20476
113166	96091	AI840742	TC189531	null	null
0	0	AI841051	null	null	null
14946	6334	AI839349	TC160426	null	Mm.22086
0	0	AI838852	TC160312	null	Mm.28291
39033	25039	AI841750	TC162817	null	Mm.41829
0	0	AI841804	TC158242	nucleoside diphosphate kinase	Mm.1260
0	0	AI839360	TC187231	null	Mm.30163
258099	85939	AI838867	TC200060	malate dehydrogenase	Mm.3156
0	0	AI841759	TC159935	matrin3	Mm.69078
0	0	AI841812	TC173945	null	Mm.27272
0	0	AI839869	TC160420	contains transmembrane (TM) re	Mm.29870
0	0	AI839914	TC199942	null	Mm.3428

0	0	AI841431	null	null	Mm.40113
210468	210375	AI841481	TC158500	null	Mm.32508
0	0	AI839882	TC201137	null	Mm.21911
310413	291036	AI839932	TC158172	heat shock-like protein	Mm.1843
18139	15093	AI841445	null	null	Mm.37811
55257	55276	AI841498	TC160111	C10	Mm.22195
0	0	AI839068	TC186931	null	Mm.3774
32284	38409	AI837690	TC205691	double-stranded RNA specific a	null
179003	156106	AI840932	TC186948	cornichon	Mm.3261
0	0	AI841031	TC160341	null	Mm.29865
73151	53190	AI839083	TC175433	pseudouridine synthase 1	Mm.23653
73690	59301	AI837705	TC200126	p59 immunophilin	Mm.12758
0	0	AI840945	null	null	Mm.2632
0	0	AI837748	TC159135	null	Mm.21569
159012	127642	AI834850	TC160394	AES-2 protein	Mm.2626
39254	26834	AI839508	TC202845	null	Mm.41269
34057	23873	AI839542	TC201546	null	Mm.34798
149340	132816	AI839452	null	null	null
65809	83739	AI834852	TC199923	ribosomal protein S19	Mm.22103
1285553	894890	AI839516	null	null	null
73199	86475	AI839392	TC200405	null	Mm.24174
43914	49785	AI839689	TC161389	unnamed protein product	Mm.28911
30752	18055	AI841073	null	null	Mm.39802
74073	70889	AI841122	null	null	Mm.39804
146195	178978	AI842022	TC173153	PR65	Mm.1034
47635	32592	AI840826	TC201108	null	Mm.38488
26862	30138	AI841090	TC157918	alpha 2,3 sialyltransferase	Mm.38248
0	0	AI841135	TC188684	null	Mm.28646
81569	65428	AI842038	TC162031	null	Mm.29587
55907	38774	AI840839	null	null	null
54535	39108	AI837772	TC176930	null	Mm.39474
76323	75495	AI840874	TC205610	null	Mm.41321
21887	26413	AI840734	null	null	null
444330	413540	AI840786	TC160657	SKD3	Mm.3990
28420	22152	AI837791	TC202002	imogen 44	Mm.1841
45252	26229	AI840891	null	null	Mm.51150
37683	22597	AI840744	TC200408	protein co-factor	Mm.27842
459436	294602	AI841059	TC174876	cyclin C protein	Mm.4300
38467	19815	AI839351	TC205209	null	Mm.39787
83941	87641	AI838853	TC157865	ubiquitin C-terminal hydrolase	Mm.47405
120645	145066	AI841751	TC174878	tetraspanin Tspan-5	Mm.31927
59187	47106	AI841805	TC189044	null	Mm.35841
0	0	AI839362	TC200982	null	Mm.7261
45852	35185	AI838870	TC174709	null	Mm.5265
74526	77615	AI841763	null	null	Mm.37811
0	0	AI838987	TC190403	null	Mm.40298
41576	27148	AI839870	null	null	null
363737	269626	AI839919	null	null	null
94067	93589	AI841432	TC159913	null	Mm.27429
63059	53200	AI841484	TC160486	unnamed protein product	Mm.5166
53505	34489	AI839884	TC175587	null	Mm.27233

0	0	AI839934	TC193605	null	Mm.40417
135059	120056	AI841447	null	null	Mm.40791
104867	96072	AI841499	TC161522	Bodenin	Mm.29258
0	0	AI839069	TC210035	null	Mm.39332
87249	79734	AI837694	TC174374	NG26	Mm.43745
42476	49995	AI840933	null	null	Mm.39801
63601	63023	AI841034	TC200398	UBE-1c2	Mm.42795
54029	49924	AI839084	TC169484	null	Mm.39542
59953	44013	AI837706	TC165274	null	Mm.35041
101814	126967	AI840949	TC160117	argininosuccinate synthetase (	Mm.3217
0	0	AI837749	TC161788	null	Mm.40070
109918	110750	AI839015	TC173354	prohibitin or B-cell receptor	Mm.2355
76645	73741	AI839509	TC188049	Dcra	Mm.7472
72882	181707	AI839543	TC178328	voltage-sensitive calcium chan	Mm.41842
0	0	AI839453	TC165868	null	Mm.40314
122655	98619	AI834854	null	null	Mm.39104
101151	52528	AI839517	TC161124	null	Mm.34711
59190	52751	AI839394	TC177986	null	Mm.32422
74073	71954	AI839690	TC157760	null	Mm.25034
159554	211967	AI841075	TC200284	null	Mm.29868
71443	44675	AI841123	TC188158	null	Mm.34525
42978	43055	AI842024	TC210063	null	Mm.39567
155054	133517	AI840828	TC201495	unknown	Mm.32548
0	0	AI841091	TC188493	null	Mm.61318
18920	20328	AI841136	TC192305	null	Mm.40340
29063	28347	AI842039	TC206350	null	Mm.41676
78211	89019	AI840840	TC173671	null	Mm.29714
34269	24396	AI837773	TC189298	metallopeptidase	Mm.44420
168563	193599	AI840876	TC159924	retinoblastoma-binding protein	Mm.1603
354073	462811	AI840736	null	null	null
176644	151872	AI840788	null	null	Mm.40428
162520	155312	AI837793	TC200720	null	Mm.29965
41853	34948	AI840892	TC187271	null	Mm.11112
124341	136127	AI840745	TC200362	ablphilin-1	Mm.695
56273	43741	AI841061	TC162440	null	Mm.41786
298921	227398	AI841245	TC177207	null	Mm.40485
1370712	762613	AI841290	null	null	null
143814	151590	AI841333	null	null	null
62115	52608	AI841365	TC159928	null	Mm.22514
157557	123933	AI841264	TC163373	alpha-endosulfine	Mm.30611
221888	307745	AI841296	TC160893	proteolipid protein 2	Mm.18565
647576	328145	AI841340	TC160000	null	Mm.22227
89310	91281	AI841373	TC157785	latexin	Mm.2632
66622	48294	AI842661	TC175146	null	Mm.29948
5224	2812	AI846433	TC190534	null	Mm.41016
8759	8459	AI846570	TC203315	null	Mm.38295
19301	16497	AI846608	TC157665	tctex-1 protein	Mm.1948
0	0	AI846402	null	null	Mm.40484
26071	17367	AI846446	TC194253	neurocan	Mm.4778
23355	15864	AI846580	TC157950	null	Mm.37602
28746	36604	AI846615	TC188978	null	Mm.22379

0	0	AI842931	TC196294	null	Mm.40810
88779	87911	AI842966	TC200467	null	Mm.29773
19386	23798	AI843552	TC179778	null	Mm.39575
35399	35884	AI843629	TC173207	guanine nucleotide dissociatio	Mm.5236
0	0	AI842939	TC190621	tryptophan hydroxylase	Mm.4421
24731	20761	AI842979	TC189359	unnamed protein product	Mm.23158
49953	59791	AI843564	null	null	Mm.27415
38953	28578	AI843644	TC157238	null	Mm.36685
105252	83782	AI845561	null	null	null
36380	34770	AI845602	TC187924	PDGF receptor precursor	Mm.4146
136033	119326	AI845643	TC186405	null	Mm.10009
11662	10254	AI845695	TC190754	null	Mm.39480
0	0	AI845572	TC182777	null	Mm.39380
60794	42305	AI845611	TC203032	null	Mm.30734
18960	14615	AI845663	TC167632	null	null
27313	29715	AI845699	TC161277	protein tyrosine phosphatase P	Mm.4220
81635	62484	AI846640	TC200721	null	Mm.34103
10541	12307	AI845842	TC170012	null	Mm.40474
45113	35777	AI845875	TC200821	mitochondrial outer membrane p	Mm.20843
9994	7667	AI843515	TC175143	ESG protein	Mm.24255
0	0	AI845815	TC175049	null	Mm.18228
125607	103392	AI845854	TC186685	null	Mm.29916
222985	209527	AI845883	TC200445	telomerase binding protein p23	Mm.22421
71191	62588	AI843526	TC159678	cyclin ania-6a	Mm.5293
0	0	AI842687	TC178489	null	Mm.45211
37453	27771	AI842742	TC200039	neuroendocrine secretory prote	Mm.17446
0	0	AI847180	null	null	Mm.40853
30904	25244	AI843034	null	null	null
43624	30901	AI842702	null	null	null
67109	55698	AI847139	TC161319	null	Mm.23566
36194	19565	AI847189	TC177983	170 kDa glucose regulated prot	null
0	0	AI843052	TC175926	null	Mm.37837
245888	257158	AI841246	TC187123	eIF3 p66	Mm.3955
564550	703429	AI841291	null	null	Mm.40111
628171	624823	AI841334	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
65017	57837	AI841367	TC201798	null	Mm.28978
89628	69910	AI841256	null	null	null
26885	20037	AI841298	TC187639	null	Mm.23671
497603	404861	AI841344	TC158172	heat shock-like protein	Mm.1843
59982	41245	AI841374	TC201357	null	Mm.8356
67313	48723	AI842662	TC207127	null	Mm.39821
5696	5401	AI846434	null	null	Mm.28013
56451	38271	AI846572	TC187465	null	Mm.37516
124240	141048	AI846609	TC159696	aldolase A (aa 99-355) (772 is	Mm.16763
20218	21980	AI846404	TC161124	null	Mm.41531
5514	6496	AI846447	null	null	null
65809	68963	AI846582	TC187038	Sm-D autoantigen	Mm.603
137093	103128	AI846617	TC164244	null	Mm.45775
28587	18923	AI842933	TC162713	null	Mm.36753
43052	48393	AI842967	TC186433	null	Mm.27074
353421	225652	AI843553	TC158844	immunoglobulin heavy chain-bin	Mm.918

61275	45863	AI843631	TC161682	DNA helicase	Mm.3674
46319	31504	AI842940	TC203909	null	Mm.22370
54213	53733	AI842980	TC158956	myeloid associated differentia	Mm.29874
129251	136142	AI843565	TC200088	CCT (chaperonin containing TCP	Mm.6821
25649	26395	AI843645	TC176955	null	Mm.28448
20473	24193	AI845564	TC189570	null	Mm.6128
76446	89756	AI845605	TC204339	null	Mm.36081
23263	20962	AI845650	TC189428	null	Mm.32011
228678	220289	AI845686	null	null	Mm.39382
26430	20562	AI845573	TC190107	null	Mm.30095
11844	8592	AI845612	TC174512	F41	Mm.21673
0	0	AI845664	TC174429	null	Mm.21070
89883	66436	AI845700	null	null	Mm.39847
80980	67085	AI845803	TC175912	null	null
53493	54361	AI845844	TC175891	null	Mm.23222
29659	22740	AI845876	TC192950	null	Mm.40163
181723	168327	AI843517	TC186505	null	Mm.21802
18812	11399	AI845817	TC179651	homeodomain protein	Mm.8008
70908	60930	AI845855	TC187163	zinc finger protein 289	Mm.43636
170477	152814	AI845884	TC175056	null	Mm.27683
78901	54664	AI843529	null	null	Mm.39572
203385	167232	AI842688	TC173675	null	Mm.29580
53706	44772	AI847127	TC160041	null	Mm.44123
40693	28840	AI847181	TC166337	null	Mm.39200
44282	89536	AI843035	TC189794	null	Mm.2861
289168	298738	AI842703	TC173058	alpha-1 type-III collagen prec	Mm.4271
17969	16534	AI847140	TC188706	null	Mm.31527
20372	19597	AI847197	TC161407	PalBH	Mm.24778
37666	17275	AI843055	TC157850	null	Mm.24876
150267	149599	AI841247	TC162488	null	Mm.41711
981688	1284061	AI841292	TC158974	contains transmembrane (TM) re	Mm.15985
682001	622011	AI841335	null	null	null
854408	580698	AI841368	null	null	null
43470	30821	AI841257	TC163002	null	Mm.41924
56310	42721	AI841302	TC206902	null	null
418316	354815	AI841345	TC160219	14-3-3 eta protein	Mm.3308
28542	17472	AI841375	TC189477	null	Mm.27265
43605	26167	AI842663	TC164349	null	Mm.40293
70184	58743	AI846435	TC202302	ecotropic viral integration si	Mm.24020
13157	10501	AI846573	TC162803	beta-B1 crystallin	Mm.29488
37006	27237	AI846611	TC204518	null	Mm.45218
11059	6737	AI846405	TC169447	null	Mm.25777
107999	88803	AI846449	null	null	null
36317	38451	AI846584	TC201009	COP9 complex subunit 3	Mm.40
0	0	AI846619	TC174767	calmodulin dependent phosphata	Mm.8302
26841	19599	AI842934	TC200280	dystroglycan	Mm.7524
33435	28705	AI842968	TC161684	null	Mm.12184
14189	8871	AI843554	TC201491	coilin p80	Mm.29736
54916	43699	AI843635	TC176695	tescalcin	Mm.26378
32625	20379	AI842941	TC187954	null	Mm.2822
33992	39092	AI842981	TC188367	null	Mm.33970

29885	25393	AI843566	TC202578	nuclear factor kappa B subunit	Mm.20225
59815	51076	AI843646	TC158364	Rab11b	Mm.35727
18807	15109	AI845566	null	null	Mm.39594
17031	12955	AI845606	TC189502	null	Mm.35302
183966	169470	AI845651	null	null	null
607533	645819	AI845688	TC159775	null	Mm.2795
27804	19015	AI845574	TC207561	null	Mm.41830
9540	11519	AI845613	TC188406	null	Mm.24543
223895	179283	AI845665	null	null	null
314899	233966	AI845702	TC163746	transcription repressor Ring1A	Mm.20343
18206	20098	AI845807	TC203010	null	Mm.27540
7351	6386	AI845846	null	null	null
50510	43602	AI845877	TC174555	null	Mm.27259
10063	8623	AI843519	TC204692	null	Mm.23434
6488	7613	AI845818	TC189238	null	Mm.44180
81488	73078	AI845857	TC167906	null	null
35679	37902	AI845885	TC201159	KIAA312p	Mm.27372
126954	115610	AI843530	null	null	null
13406	9127	AI842693	null	null	Mm.40807
17528	21657	AI847129	TC188343	11-beta-hydroxysteroid dehydro	Mm.28328
5691	4718	AI847192	TC174408	Hox-7 protein	Mm.870
0	0	AI843036	TC202658	null	Mm.49259
67503	73250	AI842707	null	null	Mm.40808
46866	48454	AI847142	TC174468	null	Mm.7361
111317	73733	AI842989	TC174637	null	Mm.2053
11874	21579	AI843056	TC164923	Cegp1 protein	Mm.40447
9287	6038	AI841249	TC202102	null	Mm.58554
480394	314253	AI841293	TC158323	null	Mm.2632
68906	49268	AI841336	TC207163	null	Mm.40705
434244	395806	AI841370	null	null	null
1610789	993993	AI841258	null	null	null
23775	20258	AI841303	TC201514	calmodulin-binding protein	Mm.1222
1001115	463636	AI841346	TC173392	glutathione transferase (EC 2.	Mm.2011
70886	45902	AI841376	TC188047	protein phosphatase 5; PP5	Mm.3294
19498	31496	AI846398	TC158257	null	Mm.27846
34772	33554	AI846437	TC163457	null	Mm.20883
138400	78744	AI846576	TC174135	null	Mm.2033
26620	15141	AI846612	TC201355	null	Mm.5293
40999	40241	AI846406	TC200041	null	Mm.44906
0	0	AI846451	TC200864	null	Mm.41116
24567	18475	AI846587	TC201433	KAP3A	Mm.4651
0	0	AI846620	TC206869	null	Mm.44116
14547	8366	AI842935	null	null	null
43400	29497	AI842974	TC203484	null	Mm.16963
121966	98433	AI843557	null	null	null
46057	44159	AI843638	TC161179	ubiquitin-conjugating enzyme U	Mm.1485
150604	101641	AI842942	TC164659	null	Mm.33537
38940	51663	AI842983	null	null	null
48757	52230	AI843568	null	null	null
38908	54871	AI843647	null	null	Mm.41430
158252	124436	AI845567	TC160551	copper transport protein Atox1	Mm.9703

84675	69248	AI845607	TC187552	null	Mm.27243
74735	54316	AI845655	TC176520	null	Mm.41581
30670	21359	AI845689	TC173302	P2B/LAMP-1	Mm.16716
19722	14826	AI845575	TC210012	null	null
57915	45684	AI845617	TC162121	null	Mm.18783
194548	150735	AI845667	TC159100	null	Mm.104
79619	45620	AI845703	TC175931	null	Mm.36823
33129	31197	AI845809	TC208654	null	Mm.39193
32284	16360	AI845847	null	null	Mm.39849
882828	426015	AI845880	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
246896	226368	AI843520	TC161850	null	Mm.23842
102796	94299	AI845819	TC187464	retinoblastoma binding protein	Mm.24216
117689	88242	AI845858	TC163172	null	Mm.21158
126094	145922	AI845886	TC160915	eRF1	Mm.3845
27939	31199	AI843531	TC162066	calcitonin gene-related peptid	Mm.18072
33596	36322	AI842696	TC158447	null	Mm.22145
79983	61035	AI847131	TC188464	Ankhzn	Mm.10313
23542	19175	AI847194	TC203246	null	Mm.61702
108176	137358	AI843041	TC199961	25kDa nuclear protein	Mm.19117
136990	136760	AI842715	TC174064	null	Mm.26599
39203	52996	AI847148	TC175664	null	Mm.21767
537506	333132	AI842990	TC160182	null	Mm.22467
39085	30061	AI843057	TC176358	null	Mm.38408
53266	43166	AI841252	TC158333	putative secreted protein SIG9	Mm.44220
0	0	AI841294	TC206613	null	Mm.41240
317711	264542	AI841338	TC158923	unnamed protein product	Mm.28650
19128	15751	AI841371	TC163396	null	null
0	0	AI841260	TC158834	unnamed protein product	Mm.20877
1121983	945855	AI841304	null	null	null
313071	227711	AI841348	TC160135	SNRPN upstream reading frame p	Mm.43721
79066	56223	AI841377	TC174068	null	Mm.28872
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112174	118312	AI842937	TC176326	null	Mm.37736
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39421	21749	AI842943	TC202939	null	Mm.22645
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181449	149914	AI843570	TC191980	null	Mm.40814
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37782	31615	AI845568	TC201381	null	Mm.40158
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70002	65791	AI845657	TC200308	BTEB-1 transcription factor	Mm.40718
25285	17977	AI845696	TC187627	null	Mm.29614



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36697	45201	AI845618	TC174859	null	Mm.20921
49743	51851	AI845668	TC203898	null	Mm.39291
20155	18514	AI845704	TC191400	null	Mm.40270
0	0	AI845812	TC162614	null	Mm.17665
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31189	25823	AI843524	TC188874	tyrosine phosphatase	Mm.3414
191145	222944	AI845820	TC173137	vimentin	Mm.7
22529	44471	AI845860	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
19136	15641	AI845887	TC188600	unnamed protein product	Mm.41180
24871	28835	AI843532	TC173463	null	Mm.21819
126511	163997	AI842697	null	null	Mm.2632
266965	157775	AI847132	null	null	null
30437	25602	AI847195	TC190015	Evf protein	Mm.23592
221134	277862	AI843046	TC188102	null	Mm.27685
205462	412062	AI842716	TC174043	null	Mm.24155
288696	188024	AI847151	TC201722	null	Mm.41641
55225	32704	AI842993	null	null	Mm.36612
27735	14282	AI843058	TC164114	null	Mm.17668
219434	209208	AI841262	TC165091	null	Mm.40001
156489	116706	AI841295	TC174978	null	Mm.27395
55068	40329	AI841339	TC190789	null	Mm.41789
27744	18441	AI841372	TC175415	null	Mm.29846
88635	80916	AI841267	TC160691	SCG10-related protein HiAT3	Mm.2319
59612	35363	AI841306	null	null	null
534939	636177	AI841349	TC160277	null	Mm.29812
71558	78145	AI841379	TC160096	cyclin 3	Mm.7417
713552	680032	AI846401	TC159949	syntenin	Mm.14744
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161416	127532	AI846579	TC175749	null	Mm.29946
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0	0	AI846409	TC166374	voltage-dependent calcium chan	null
103568	101427	AI846461	null	null	Mm.37214
44659	33672	AI846590	TC204351	null	Mm.41600
83406	98718	AI846622	TC159097	cell surface molecule OX-2	Mm.14203
78407	63692	AI842938	TC175316	null	Mm.26242
74955	37117	AI842977	TC176698	null	Mm.31203
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0	0	AI843642	TC196301	null	null
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28801	21124	AI843571	TC160865	null	Mm.2275
40105	28458	AI843650	TC173418	null	Mm.24455
23996	21698	AI845571	TC190070	null	Mm.40357
40748	31342	AI845609	TC176186	null	Mm.41759
0	0	AI845662	TC165226	null	Mm.39191
44781	31632	AI845698	TC173596	SATB1	Mm.4381
55834	76010	AI845577	TC188677	RA70	Mm.10019
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100232	69814	AI845882	TC188121	null	Mm.20309
40220	31101	AI843525	TC201010	connexin 37 or connexin 37.6	Mm.24615
664073	750238	AI845821	null	null	Mm.40473
83301	71783	AI845861	TC200531	syntaxin 6	Mm.41462
111553	112575	AI845888	TC160030	Sid470p	Mm.27065
191993	124867	AI843535	TC160933	null	Mm.37326
373671	400580	AI842699	TC187317	transmembrane protein TM9SF3	Mm.2986
23269	13731	AI847133	TC208828	null	Mm.39608
85944	65992	AI847188	TC188707	pp105 Rb protein	Mm.304
53573	49914	AI843048	null	null	Mm.32803
38414	21601	AI842717	TC210068	null	Mm.4505
366338	410997	AI847155	TC161339	mitogen- and stress-activated	Mm.20914
53305	49879	AI842994	TC201829	null	Mm.57068
14910	12454	AI843059	TC177802	null	Mm.37499
0	0	AI843918	TC163386	acupuncture induced protein 1	Mm.23645
28278	23226	AI847784	TC200825	null	Mm.29798
44525	36842	AI846038	TC174376	null	Mm.27151
40787	41053	AI846050	TC187664	null	Mm.25126
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90507	77732	AI847787	TC161439	null	Mm.24704
21567	16668	AI846085	TC203309	null	Mm.24372
31830	31340	AI846073	TC177036	null	Mm.37607
23995	26561	AI834924	TC186730	null	Mm.28114
69173	51118	AI846501	TC161801	core promoter binding protein	Mm.33892
49436	42554	AI846542	TC187638	null	Mm.28558
9860	8641	AI842081	TC174996	null	Mm.41905
25344	18637	AI834934	TC176720	null	Mm.29327
30913	26968	AI846512	TC158876	histone H3.3A	Mm.16820
12327	9689	AI846556	TC191740	null	Mm.23657
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443042	569810	AI847260	null	null	null
20420	15824	AI847351	TC158365	null	Mm.35610
11072	9739	AI847432	TC201068	null	Mm.32208
28282	28906	AI847464	TC179454	null	Mm.41036
16914	12144	AI847273	TC203151	null	Mm.22305
14061	10434	AI847398	TC191631	null	Mm.40632
67567	63326	AI847440	TC174217	null	Mm.24220
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88541	70337	AI846895	null	null	null
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40539	34785	AI846279	TC187132	null	Mm.30145
20469	13713	AI842117	TC201457	null	Mm.41608
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15320	14455	AI846670	TC204248	null	null
17589	11759	AI842127	TC207109	null	Mm.39166
51542	42611	AI847319	TC159803	ARF1	Mm.6836
24495	17638	AI846646	TC161513	null	Mm.41739
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0	0	AI847862	TC188194	null	Mm.29530
0	0	AI847896	TC187815	null	Mm.35854
0	0	AI847554	null	null	null
17368	13053	AI847837	TC202718	FLASH	Mm.22279
22283	21602	AI847872	TC158478	null	Mm.37811
0	0	AI847515	TC189298	metallopeptidase	null
52758	35357	AI847567	TC203020	null	Mm.26724
30069	24828	AI847740	TC189626	null	Mm.34014
320063	290256	AI847785	TC200508	ubiquitin activating enzyme E1	Mm.1104
191677	232259	AI846039	null	null	Mm.11376
15014	12334	AI846052	TC173491	cyclin D-interacting myb-like	Mm.22480
131715	90884	AI847749	TC173353	null	Mm.30159
41652	43414	AI847788	TC186841	null	Mm.24703
19910	17523	AI846086	null	null	Mm.40165
13962	9161	AI846075	TC206849	null	Mm.40478
24378	15869	AI834925	TC170912	null	Mm.39307
17121	19620	AI846502	TC204008	testican	Mm.5091
21771	20522	AI846543	TC189585	null	Mm.40840
48252	36684	AI842082	TC176044	null	null
0	0	AI834937	TC178176	PC4	Mm.3251
69872	63593	AI846515	TC190854	null	Mm.41465
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27031	19191	AI842090	TC175219	peroxisome proliferator-activa	Mm.12926
69791	54610	AI847261	TC194867	null	Mm.39803
129644	124851	AI847353	TC175943	null	Mm.35754
21708	16235	AI847434	TC188044	membrane-type-5 matrix metallo	Mm.21306
54032	52246	AI847468	TC186841	null	Mm.24703
37705	37638	AI847388	TC161317	null	Mm.34662
33963	29697	AI847400	TC190633	null	Mm.27120
102588	86415	AI847441	TC174325	mSUG1 protein	Mm.665
0	0	AI847478	TC196678	null	null
5263	4863	AI845928	null	null	null
42529	42192	AI846902	null	null	null
4294	7467	AI846955	TC170974	null	null
10953	6230	AI846271	TC202124	pericentriolar material-1	Mm.28192
56430	35943	AI845938	TC202203	null	null
81588	42133	AI846919	TC178871	null	null
22463	19457	AI846237	TC174465	null	Mm.8540
40623	33904	AI846282	null	null	Mm.10964
17959	7029	AI842118	TC176650	null	Mm.27495
20135	14353	AI847304	TC170002	null	Mm.51563
0	0	AI847387	TC209997	null	Mm.39860
0	0	AI846671	TC161807	mouse parvalbumin	Mm.2766
42493	35740	AI842128	TC189901	null	Mm.41880

146001	143261	AI847356	TC190143	null	Mm.18979
176952	160546	AI846647	TC187353	carnitine palmitoyltransferase	Mm.18522
0	0	AI846680	TC176036	regulator of G-protein signali	Mm.7956
12334	5752	AI847830	TC205857	null	Mm.41049
16905	9439	AI847864	TC189774	PML isoform 1	Mm.38497
5647	7564	AI847505	TC174952	null	Mm.41063
0	0	AI847555	TC204523	kinesin family protein KIF1a	Mm.4762
43046	39998	AI847838	TC175284	null	null
16585	13946	AI847873	TC163439	fractionated X-irradiation-ind	Mm.1645
17937	14704	AI847519	null	null	Mm.35426
46371	34675	AI847568	TC202144	cyclin-dependent protein kinas	Mm.4414
18578	17627	AI847741	null	null	null
41940	46491	AI847777	TC176278	null	Mm.25751
34526	30166	AI846040	TC161346	null	Mm.46653
18432	17623	AI846061	TC158593	null	Mm.38362
119989	117071	AI847750	TC176663	invasion inducing protein	Mm.1211
0	0	AI847791	TC178209	acetylcholinesterase	Mm.3142
11516	11639	AI846088	TC162742	null	Mm.31574
161639	125050	AI845892	TC161577	null	Mm.28972
0	0	AI834928	TC189583	null	null
0	0	AI846503	null	null	Mm.39390
33892	28973	AI846544	TC161945	RNA polymerase II subunit RPB	Mm.4896
31300	21240	AI842083	TC175379	null	Mm.2420
28907	27454	AI846476	TC173105	null	Mm.29048
108628	110961	AI846517	TC161718	cytochrome B561	Mm.18942
77507	91958	AI842057	TC188854	IgD B-cell receptor-associated	Mm.4236
96841	78546	AI842091	TC161357	TGN38B precursor	Mm.9940
37659	25945	AI847264	TC177176	null	Mm.23791
173742	115924	AI847354	TC158504	null	Mm.1776
28831	23190	AI847435	TC188477	Sox10	Mm.1493
44738	41895	AI847469	TC178727	null	Mm.44163
36412	36044	AI847389	TC174255	connexin 30	Mm.25652
63983	65664	AI847403	TC167576	null	Mm.44548
37788	26919	AI847443	TC189578	8-oxo-dGTPase	Mm.2539
53341	43161	AI847480	TC170180	null	Mm.54511
0	0	AI845930	TC161385	null	Mm.41164
29585	19740	AI846903	TC210002	null	Mm.39607
39682	37522	AI846960	TC162860	null	Mm.25450
35158	29451	AI846272	TC182780	null	Mm.44751
42086	30588	AI845939	TC204025	null	Mm.40832
41450	42496	AI846922	TC189403	null	Mm.41224
96487	85452	AI846238	TC163904	null	Mm.27231
164878	112529	AI846283	TC162717	cytoplasmic phosphoprotein PAC	Mm.23978
7380	5231	AI842119	TC188875	null	Mm.40739
11143	9592	AI847306	TC176279	null	Mm.40854
25152	16090	AI846642	TC179783	null	Mm.41590
33209	24112	AI846672	TC205030	null	Mm.27054
127842	74075	AI842131	TC173235	H+ ATP synthase	Mm.258
40700	40396	AI847357	null	null	Mm.39395
10136	6571	AI846648	TC192030	null	Mm.40842
43417	35993	AI846681	TC157352	null	Mm.17261

0	0	AI847831	TC176170	null	Mm.25427
7954	6892	AI847865	TC187666	HNF-3/fork-head homolog-1	Mm.455
6610	5849	AI847507	TC187008	null	Mm.17173
70517	50778	AI847556	null	null	Mm.37214
126331	110849	AI847839	null	null	Mm.39203
93138	54033	AI847875	TC161821	null	Mm.21832
4887	3960	AI847520	TC197032	null	null
76558	81929	AI847571	TC159935	matrin3	Mm.25575
11881	9936	AI847742	TC183484	null	null
159534	175558	AI847778	TC174979	alpha-N-acetylgalactosaminidas	Mm.20325
44445	39815	AI846041	TC201326	null	Mm.3572
119472	118303	AI846062	TC175082	peroxisome membrane protein PE	Mm.16453
110006	118626	AI847752	TC174586	null	Mm.27476
84549	75192	AI847793	TC160987	H19	Mm.25203
56250	47939	AI846092	TC176777	Smad interacting protein 1	null
20349	14035	AI845893	TC203449	Lim-homeodomain protein Islet1	Mm.42242
38374	35289	AI834929	TC201267	small nuclear RNA	Mm.4633
0	0	AI846505	TC160245	null	Mm.12864
52088	41037	AI846548	null	null	null
31278	42785	AI842085	TC202000	null	Mm.25042
15287	11642	AI846477	TC190735	null	null
85362	99481	AI846518	null	null	Mm.43850
46913	45302	AI842058	null	null	Mm.39354
45311	38311	AI842092	TC174878	tetraspanin Tspan-5	Mm.41448
15856	11190	AI847267	TC177633	null	Mm.45745
616046	313004	AI847355	TC200194	cytochrome c	Mm.35389
21067	22393	AI847436	TC201431	protein arginine methyltransfe	Mm.41705
0	0	AI847472	TC187321	null	Mm.41027
111884	99003	AI847392	TC188483	null	Mm.12468
30069	26966	AI847404	null	null	Mm.4550
41179	34505	AI847444	TC161622	replication factor C, 40kDa su	Mm.27855
37670	29611	AI847481	TC158430	null	Mm.2632
118762	115917	AI845932	TC176343	null	Mm.21989
0	0	AI846913	TC205124	null	null
26807	24043	AI846961	TC187740	null	Mm.24821
123529	106835	AI846273	TC203097	null	Mm.28335
173440	138412	AI845940	TC200831	null	Mm.3373
5079	9439	AI846923	TC164049	transcription factor	Mm.27015
18099	19742	AI846239	TC193515	null	Mm.58558
15831	14843	AI846285	TC188589	null	Mm.28207
33538	38308	AI842124	TC161089	null	Mm.27863
105382	90201	AI847307	TC187847	null	Mm.24110
28368	28170	AI846643	TC177406	null	Mm.25683
16516	12131	AI846674	TC161883	nuclear transcriptional repres	Mm.6822
26085	14858	AI847276	TC202927	null	Mm.27469
20648	10632	AI847360	null	null	null
70285	40403	AI846650	TC188566	serotonin transporter	Mm.3907
29594	18636	AI846682	TC189908	proton-dependent high affinity	Mm.25005
38775	37701	AI847832	TC203754	alphaA-CRYBP1	Mm.4808
32496	24219	AI847866	null	null	null
45520	50849	AI847511	TC201879	null	Mm.37562

20128	24562	AI847563	TC200617	null	Mm.31051
17815	12802	AI847844	TC160913	tyrosine protein kinase B (trk	Mm.3993
329163	219897	AI847876	TC201385	null	Mm.29036
12406	12394	AI847521	null	null	null
32700	29756	AI847572	null	null	Mm.40858
49833	48103	AI847745	TC174467	MMAC1	Mm.1591
133514	106197	AI847779	TC164086	null	null
0	0	AI846081	TC158482	null	Mm.14245
31973	29169	AI846067	TC160721	null	Mm.43871
0	0	AI847755	TC178268	null	Mm.31256
8016	2109	AI847794	TC197027	null	Mm.44325
0	0	AI846096	TC174061	multiubiquitin-chain-binding p	Mm.2261
0	0	AI845894	TC162524	ASC-1	Mm.27462
0	0	AI834930	TC200886	null	Mm.41792
0	0	AI846507	TC188350	dual specificity A-kinase anch	Mm.2969
135940	121255	AI846549	TC202835	null	Mm.5727
354848	303170	AI842086	TC173224	basigin	Mm.726
49680	38112	AI846478	TC203161	warts/lats-like kinase	null
0	0	AI846520	TC177490	null	Mm.40334
38989	31197	AI842059	null	null	Mm.15571
0	0	AI842094	TC207457	null	Mm.41703
144478	122335	AI847270	TC160517	chloride channel CLC-2	Mm.40496
100569	104257	AI847396	TC174191	null	Mm.34385
0	0	AI847437	TC160175	serine-threonine kinase recept	Mm.22584
37714	21532	AI847474	TC177258	null	Mm.41556
0	0	AI847394	TC181059	null	Mm.41834
0	0	AI847406	TC165725	null	Mm.41152
13509	11644	AI847445	TC166357	null	Mm.40353
0	0	AI847482	TC187197	null	Mm.19973
168666	117137	AI845934	TC174248	null	Mm.29906
154701	98380	AI846914	TC192087	null	Mm.40848
83562	81959	AI846963	TC177029	plasma membrane protein syntax	Mm.24867
24993	20999	AI846274	TC191863	null	Mm.40352
109480	102807	AI845941	TC159075	null	Mm.35731
17721	13659	AI846924	TC158516	frataxin	Mm.7319
104206	112216	AI846240	TC175633	null	null
334819	379567	AI846286	TC176220	null	Mm.28531
0	0	AI842125	TC158552	null	Mm.27248
11181	8741	AI847310	TC192192	null	Mm.41126
26171	13898	AI846644	TC189470	null	Mm.31224
42030	30307	AI846675	null	null	Mm.40488
319833	473399	AI847279	TC186373	Mus musculus ribosomal protein	Mm.30806
63401	43268	AI847363	TC160500	null	Mm.27570
89163	65526	AI846651	TC203728	ectodysplasin	Mm.6258
29617	23081	AI846684	TC188604	null	Mm.41629
13593	15999	AI847835	TC188137	null	Mm.31274
44717	22116	AI847868	TC201479	null	Mm.6803
27313	24670	AI847512	null	null	null
0	0	AI847564	TC187073	null	Mm.15701
23846	22764	AI847845	TC187602	Cadherin-related neural recept	Mm.15528
36984	30038	AI847877	TC203245	null	Mm.40336

589625	509159	AI847523	null	null	null
127589	567585	AI847573	TC160210	lysyl oxidase-related protein	Mm.21880
106006	80777	AI847747	TC175092	putative gap junction protein	Mm.7604
128900	107048	AI847780	TC200900	MEK binding partner 1	Mm.20922
40607	51097	AI846083	TC206971	null	Mm.41366
60694	74627	AI846068	TC159454	DRPLA protein	Mm.3172
59636	55165	AI847759	TC202855	null	Mm.40269
57362	58687	AI847797	TC187921	sid2057p	Mm.24231
0	0	AI846097	TC187056	null	Mm.30001
0	0	AI845895	TC201477	null	Mm.44905
18913	13776	AI834932	TC206856	null	Mm.39308
58709	65207	AI846508	TC193472	null	Mm.40839
13452	12597	AI846555	TC205902	PXR2	Mm.44704
0	0	AI842088	TC193626	null	Mm.39812
129220	103433	AI846481	TC209993	null	null
55048	38861	AI846522	TC176893	null	Mm.12914
65080	58129	AI842060	TC160249	gamma2-adaptin	Mm.10698
852895	577269	AI842095	TC160827	null	Mm.27733
124706	95992	AI847271	TC157705	null	Mm.27378
0	0	AI847397	TC182822	null	Mm.40804
0	0	AI847438	null	null	Mm.40499
131098	189251	AI847475	TC160328	null	Mm.27591
18599	22649	AI847395	TC165080	null	Mm.40171
47384	42458	AI847409	TC174347	null	Mm.41317
23026	14676	AI847446	TC187249	sodium bicarbonate cotransport	Mm.34747
31477	24409	AI847483	TC186943	null	Mm.43212
149071	96636	AI845935	TC160236	G protein beta 36 subunit	Mm.30267
34876	26219	AI846915	TC166059	null	null
55329	53926	AI846965	null	null	null
0	0	AI846275	null	null	null
40915	18703	AI845946	TC187488	heat shock protein 105 kDa bet	Mm.34828
58008	32015	AI846925	TC202814	null	Mm.33754
54861	46169	AI846241	TC205275	null	Mm.39822
142606	153685	AI846288	TC174512	F41	Mm.21673
65207	81448	AI842126	TC189274	null	Mm.31374
34853	25234	AI847315	TC189024	null	Mm.37954
35114	21141	AI846645	TC187725	null	Mm.41307
36379	27265	AI846676	null	null	null
0	0	AI847280	null	null	null
0	0	AI847364	TC159156	null	Mm.2632
22914	17697	AI846652	null	null	null
38677	22616	AI846685	TC201358	null	Mm.41202
15590	19593	AI847836	TC177032	null	Mm.58615
73971	66886	AI847870	TC162295	null	Mm.28817
0	0	AI847514	TC200422	null	Mm.33356
20902	33571	AI847565	TC188181	WW-domain oxidoreductase	Mm.33369
88738	109567	AI847846	TC159647	prealbumin	Mm.2108
267017	302160	AI847878	TC188512	null	Mm.20363
28368	28804	AI847524	TC161584	NG28	Mm.29088
76131	63299	AI847575	TC164128	null	null
84268	102451	AI842767	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099

57948	52870	AI842814	TC177585	null	Mm.41546
23732	13427	AI847003	TC191146	FK506-binding protein 12.6	Mm.20453
47702	30884	AI848066	TC189662	null	Mm.41925
26622	22285	AI842778	TC203131	null	Mm.40294
25031	23839	AI842823	TC201716	null	Mm.11333
31897	31259	AI847018	null	null	null
53315	33808	AI848073	TC188581	P400 protein	Mm.2726
819701	444262	AI848157	TC176133	null	Mm.11186
32313	36601	AI848195	TC161251	null	Mm.28171
113231	93410	AI849546	TC197020	null	Mm.40875
13724	7434	AI849607	null	null	Mm.40260
14933	8665	AI848164	TC176841	null	Mm.835
56672	40123	AI848204	TC201589	null	Mm.31946
65266	49376	AI849566	TC160719	null	Mm.27424
37240	37209	AI849620	TC186910	null	Mm.29144
34484	28388	AI844849	TC163507	Ca <sup>2+</sup> dependent activator prote	Mm.5058
126958	122296	AI844879	TC205616	null	Mm.39748
64120	48488	AI849121	TC175955	null	Mm.28557
33671	35991	AI849151	TC164467	alpha1,3-fucosyltransferase IX	Mm.20448
31715	29253	AI844859	TC162432	null	Mm.41616
38115	43845	AI844811	TC188173	null	Mm.28024
62080	63401	AI849129	TC173398	synexin	Mm.20794
21316	22959	AI849159	TC176661	null	Mm.32607
7509	6540	AI848098	TC159929	poly-glutamine tract-binding p	Mm.14616
13978	10733	AI848129	TC191481	null	null
181193	156276	AI845982	TC174006	null	Mm.29192
63704	41415	AI846022	TC200311	fractalkine/neurotactin	Mm.3205
25013	26116	AI848107	TC201906	null	Mm.28094
14935	12265	AI848145	TC189313	null	Mm.24633
19126	16599	AI845991	TC162147	null	Mm.41174
17273	13894	AI847660	TC177509	null	Mm.44755
190767	187305	AI848411	TC186959	B-cell translocation gene-1 pr	Mm.16596
14913	11364	AI848442	TC186845	null	null
84298	57560	AI848471	TC200784	protein-tyrosine-phosphatase	Mm.29855
133256	96805	AI849511	TC163041	null	Mm.28809
700001	378754	AI848417	TC160120	mitochondrial carrier homolog	Mm.28023
32498	23320	AI848448	TC190197	null	Mm.38166
81639	79039	AI849476	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
19492	12981	AI849519	null	null	Mm.39214
180244	171764	AI849181	TC157702	null	Mm.22635
41001	30895	AI849211	TC186458	null	Mm.30175
26836	22550	AI849250	TC187286	vacuolar adenosine triphospat	Mm.1081
14819	13421	AI849285	TC186912	unnamed protein product	Mm.45559
152551	122758	AI849188	TC186940	tomoregulin-1	Mm.40049
86179	88586	AI849217	TC173272	null	Mm.534
38422	35358	AI849260	TC200694	null	Mm.28538
6964	4853	AI849293	TC161354	cavatellin-1	Mm.2931
25433	45291	AI842770	TC161323	null	Mm.28777
47934	49631	AI842817	TC193468	null	Mm.40130
105963	75904	AI847007	TC160987	H19	Mm.25203
20802	10247	AI848067	TC159991	alpha-B crystallin	Mm.178



17744	14197	AI842780	TC165879	null	Mm.49722
70755	53762	AI842824	TC188149	null	Mm.41902
137961	71845	AI847020	TC175717	null	Mm.37950
53362	44163	AI848074	TC187698	BRAK CXC chemokine	Mm.30211
24728	15657	AI848158	null	null	null
24346	18400	AI848197	TC164751	null	Mm.7817
19175	12074	AI849548	TC159170	null	Mm.39408
25438	24600	AI849608	TC160282	APC-binding protein EB1 homolo	Mm.18418
25365	22790	AI848165	TC188497	unnamed protein product	Mm.29668
132413	198001	AI848205	TC160346	null	Mm.884
22137	27473	AI849568	TC162532	null	Mm.25783
78361	57489	AI849622	TC159461	alpha glucosidase II, beta sub	Mm.14244
84488	47812	AI844850	TC190964	null	Mm.41333
150624	179696	AI844880	null	null	Mm.39589
21988	13974	AI849122	null	null	null
18250	10112	AI849153	null	null	null
17066	16716	AI844860	TC174873	null	Mm.10407
22881	18515	AI844814	TC199940	beta-sarcoglycan	Mm.41280
116155	100631	AI849130	TC203800	unknown	Mm.29235
139533	175569	AI849160	TC201192	cytoplasmic dynein intermediat	Mm.20893
57500	57738	AI848099	TC187809	null	Mm.30709
19180	11912	AI848130	TC159163	null	Mm.41808
51848	31557	AI845983	TC175554	null	Mm.29485
0	0	AI846023	TC190075	null	Mm.3388
29292	21265	AI848108	TC201153	null	Mm.1982
12578	10624	AI848136	TC179669	null	null
15160	19323	AI845993	TC176554	null	Mm.18562
26176	24623	AI847661	TC175021	null	Mm.11946
43633	35337	AI848412	TC176317	null	Mm.25699
87369	57592	AI848443	TC189402	ABINI, A20-binding inhibitor o	Mm.24782
127441	137959	AI849463	TC188314	testis specific methyl-CpG bin	Mm.322
29831	21622	AI849512	null	null	null
38512	35139	AI848418	TC189284	null	Mm.45199
44203	26015	AI848449	TC189864	null	Mm.34749
14701	18926	AI849477	TC205209	null	Mm.39787
403600	386942	AI849521	TC160074	casein kinase I-alpha	Mm.1581
0	0	AI849182	TC165933	null	Mm.40871
59959	58290	AI849212	TC161713	null	Mm.28964
17145	12425	AI849251	TC187715	Homeodomain protein Meis2d	Mm.31436
17673	17955	AI849286	TC188954	null	Mm.41863
252492	324887	AI849189	TC200161	null	Mm.1538
15595	8245	AI849218	TC187459	ELKL motif kinase 2 long form	Mm.28678
51916	47279	AI849261	TC175418	R-ras	Mm.257
11682	9287	AI849294	TC187374	type I transmembrane protein F	Mm.22469
110160	118892	AI842771	null	null	Mm.30093
27378	16900	AI842819	TC160438	MECA39	Mm.4606
20338	21208	AI847013	null	null	null
8563	10959	AI848068	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323
42346	39049	AI842782	null	null	Mm.1944
52630	48764	AI842829	TC173961	null	Mm.28402
34584	36099	AI847022	TC189295	null	Mm.30752

46599	43090	AI848076	TC176038	DNA binding protein NFI-C	Mm.5104
27780	19408	AI848159	TC211569	null	null
30020	28242	AI848199	TC162269	null	Mm.41567
21004	20660	AI849552	TC200367	cellular repressor of E1A-stim	Mm.459
42275	29371	AI849609	TC174051	similar to Drosophila dishevel	Mm.3400
66632	51596	AI848167	TC192663	null	Mm.5277
18565	12946	AI848212	TC201125	fumarylacetoacetase	Mm.3798
36084	43112	AI849571	null	null	Mm.39877
57067	51709	AI849625	TC177052	null	Mm.39481
60094	71194	AI844851	null	null	Mm.10406
340218	364933	AI844881	TC173154	dead-box RNA helicase	Mm.18459
63531	45651	AI849123	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
48782	26873	AI849155	TC163089	C9	Mm.2624
184187	221088	AI844861	TC200601	null	Mm.29230
211684	207904	AI844819	TC186761	null	Mm.30005
181220	226880	AI849132	TC161394	null	Mm.38444
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57164	55241	AI848100	TC203345	null	Mm.26019
45833	44608	AI848133	TC200331	null	Mm.29541
9496	8757	AI845984	null	null	Mm.39194
72955	72867	AI846025	TC173667	null	Mm.24789
154272	123046	AI848110	TC176240	null	Mm.20374
103154	101792	AI845959	TC201639	null	Mm.41907
137692	107513	AI845994	TC160612	null	Mm.29034
81224	73955	AI847663	TC200356	makorin 1	Mm.7198
29522	21289	AI848413	TC188829	null	Mm.23821
331923	219305	AI848444	TC175142	null	Mm.28056
33701	26575	AI849466	TC192256	null	Mm.22879
135979	127949	AI849515	TC173816	mkf-1	Mm.310
1050968	1025086	AI848419	TC158876	histone H3.3A	Mm.16820
30388	23822	AI848450	TC178551	null	Mm.39617
59546	62369	AI849481	TC200716	Method: conceptual translation	Mm.2469
0	0	AI849522	TC165413	null	Mm.41999
30663	21532	AI849183	TC163898	null	Mm.40993
126681	173555	AI849213	TC189510	multidrug resistance protein	Mm.16086
15418	19255	AI849253	TC163022	peptidoglycan recognition prot	Mm.21855
15390	16870	AI849288	TC161517	unnamed protein product	null
63811	52357	AI849191	TC187868	null	Mm.27635
18668	11910	AI849219	null	null	null
20182	25279	AI849264	TC187760	null	Mm.30938
15065	15548	AI849295	TC199917	beta-tubulin	Mm.22774
97317	86232	AI842775	TC200228	B cell antigen receptor Ig bet	Mm.30235
40740	37186	AI842820	TC157273	null	Mm.41748
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116281	97895	AI848069	TC175386	null	Mm.12319
98058	81750	AI842783	TC160674	unknown	Mm.24541
58387	52827	AI846972	null	null	Mm.39393
47646	45930	AI847026	TC186634	null	Mm.40849
13108	6467	AI848077	TC177515	null	Mm.33121
82668	97021	AI848160	TC160799	peripheral-type benzodiazepine	Mm.1508
28542	25427	AI848201	TC203997	null	Mm.18889

52676	31588	AI849556	TC202328	null	Mm.25248
95988	82885	AI849610	TC188580	null	Mm.24025
26598	22119	AI848168	TC165168	null	Mm.39352
81736	62072	AI848213	TC175770	null	Mm.41625
64609	62615	AI849573	TC187275	null	Mm.29743
10732	7380	AI849626	null	null	Mm.39626
92791	84381	AI844854	TC161485	null	Mm.40276
425636	438943	AI844883	TC186669	Sec61	Mm.28375
18576	16462	AI849124	TC160032	P311	Mm.4919
45537	40497	AI849156	TC179784	null	Mm.39407
85944	66995	AI844862	null	null	null
313610	323852	AI844820	TC201162	null	Mm.26740
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14167	11411	AI849162	TC209660	null	Mm.60583
135282	152665	AI848102	TC162437	null	Mm.22641
79148	74175	AI848134	TC158212	insulin-like growth factor bin	Mm.38748
0	0	AI845987	TC160874	null	Mm.28092
46354	43198	AI846031	TC162216	phosphatidylethanolamine-N-met	Mm.2731
44925	40221	AI848111	TC183490	null	Mm.40862
0	0	AI845960	TC202758	null	Mm.25137
21214	20697	AI845998	TC189962	null	Mm.40706
20704	13128	AI847665	TC206294	null	null
42894	38593	AI848414	TC175028	null	Mm.28996
112116	112637	AI848445	TC173237	Dlxin-1	Mm.27578
24417	15527	AI849467	null	null	null
195162	142173	AI849516	TC173594	null	Mm.27050
30531	24322	AI848420	TC157724	myelin proteolipid	Mm.1268
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169628	142590	AI849184	null	null	Mm.38490
90225	329544	AI849214	TC164908	null	null
62557	35142	AI849256	null	null	null
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83349	89363	AI849192	TC200366	C10A gene product	Mm.31239
317488	220134	AI849220	null	null	Mm.35835
19697	20312	AI849267	TC188784	null	Mm.39077
5890	10431	AI849297	TC204794	null	Mm.23064
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88496	58535	AI842821	TC158525	phospholipase C-L2	Mm.28034
0	0	AI847016	TC161035	cysteine and histidine-rich pr	Mm.27731
20511	16190	AI848070	TC208611	null	Mm.39204
67383	59523	AI842784	TC160739	null	Mm.41684
190933	164132	AI846973	null	null	null
0	0	AI847027	TC163587	null	Mm.4501
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0	0	AI848162	TC188644	null	Mm.23826
17823	14806	AI848202	TC206173	null	Mm.40863
0	0	AI849557	TC186573	null	Mm.29657
0	0	AI849613	TC190409	null	Mm.34198
144046	178797	AI848171	null	null	Mm.39865

30036	18654	AI848214	TC205975	L-CaBP1	Mm.38551
263500	382601	AI849574	TC159477	ribosomal protein L7	Mm.37835
0	0	AI849627	TC201614	null	Mm.29881
50220	40615	AI844855	TC203531	null	Mm.44181
80909	75421	AI844884	TC186835	null	Mm.28058
0	0	AI849127	TC167045	null	null
90012	67997	AI849157	TC173097	null	Mm.3035
63393	59863	AI844863	TC165731	small heat shock protein B3	Mm.41410
89056	69592	AI844821	TC186979	null	Mm.29995
0	0	AI849135	TC161951	null	Mm.4948
13630	8142	AI849163	TC163954	null	Mm.45213
30274	20280	AI848103	TC201463	null	Mm.34812
27979	26144	AI848135	TC188120	Trp4-associated protein TAP1	Mm.27942
129662	100765	AI845988	TC187435	null	Mm.29476
13553	13427	AI846032	TC204029	null	Mm.34191
107105	74514	AI848112	TC200849	null	Mm.41013
17541	12260	AI845961	TC158918	UbcM4 protein	Mm.3074
208103	219619	AI845999	TC199927	null	Mm.31435
58271	48234	AI847667	TC178125	endonuclease III homologue 1	Mm.6207
107895	68706	AI848415	TC158488	null	Mm.35443
128457	93095	AI848446	TC201270	null	Mm.23839
92388	69878	AI849471	TC201282	branched chain alpha ketoacid	Mm.25848
34205	13174	AI849517	null	null	Mm.40518
78489	57921	AI848422	TC163166	null	Mm.41122
81476	57578	AI848452	TC194744	null	Mm.32480
129067	86963	AI849483	TC161363	null	Mm.29637
0	0	AI849528	TC176913	null	Mm.19172
48837	38195	AI849186	TC179518	null	Mm.40287
193722	166378	AI849215	TC166255	glutamate receptor channel sub	Mm.39090
0	0	AI849257	TC186432	beta-catenin	Mm.3476
0	0	AI849290	null	null	null
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169046	142134	AI849221	TC160334	translin	Mm.14644
20277	19592	AI849268	TC201639	null	Mm.41907
0	0	AI849298	null	null	Mm.39875
110993	130506	AI842777	TC203224	leucine-rich glioma-inactivate	null
51148	53798	AI842822	TC200549	null	Mm.23014
51987	38644	AI847017	TC201720	G21 protein	Mm.11337
34882	16577	AI848071	TC187889	null	Mm.13835
91248	77699	AI842786	TC196298	null	null
0	0	AI846978	TC201876	null	Mm.29797
92451	73561	AI847028	TC203358	null	Mm.35083
37161	34848	AI848081	TC173694	null	Mm.40039
238562	177660	AI848163	null	null	Mm.39615
1080194	767209	AI848203	TC157651	precursor Apoprotein A-I	Mm.26743
51798	50303	AI849558	TC175014	compared with human FXR2 mRNA;	Mm.41930
201378	155128	AI849616	TC201243	TF-1 cell apoptosis related pr	Mm.28441
77511	51397	AI848172	TC190252	null	Mm.19440
144244	143565	AI848215	TC161067	null	Mm.27839
79903	107681	AI849575	TC187754	reproduction 8	Mm.29301
76943	119727	AI849629	TC158175	possible ubiquitin protein lig	Mm.16553

264979	334119	AI844856	TC187312	putative RNA helicase and RNA	Mm.993
59988	52226	AI844885	null	null	null
67551	63612	AI849128	TC162679	null	Mm.23879
0	0	AI849158	TC177317	null	Mm.40654
114149	86935	AI844864	TC200110	snapin	Mm.21534
82557	108476	AI844822	TC160259	ATRX protein	Mm.34371
226262	251640	AI849136	null	null	Mm.39623
55229	43181	AI849164	null	null	null
59749	54542	AI848105	TC186485	null	Mm.23345
25667	29876	AI848144	TC187365	p19	Mm.3304
65335	63024	AI845990	TC192114	null	Mm.40835
53254	66270	AI846034	TC162639	null	Mm.9984
202272	176843	AI848113	TC188553	null	Mm.44223
34664	24283	AI845962	TC189300	unnamed protein product	Mm.40687
53835	49663	AI846001	TC200308	BTEB-1 transcription factor	Mm.19788
0	0	AI847669	TC173486	clathrin-associated protein 19	Mm.833
93880	75171	AI848416	TC174225	null	Mm.26775
116903	93545	AI848447	TC162524	ASC-1	Mm.27462
41293	47243	AI849475	TC157620	enhancer of polycomb	Mm.20828
108881	60786	AI849518	TC161956	null	Mm.28628
131619	101542	AI848423	TC175321	null	Mm.41245
207274	144050	AI848453	TC160600	null	Mm.29032
73599	60752	AI849486	TC161115	null	Mm.25157
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147687	162945	AI849187	TC162896	null	Mm.40309
41918	34408	AI849216	null	null	Mm.40516
334756	272301	AI849259	TC200170	cellular nucleic acid binding	Mm.7335
499651	468333	AI849291	TC199904	ribosomal protein L28	Mm.3111
56470	90764	AI849194	TC175187	null	Mm.40389
180218	175356	AI849226	TC191487	null	Mm.38404
0	0	AI849269	null	null	Mm.39624
44393	50682	AI849299	TC201366	Sin3-associated protein	Mm.118
264149	246760	AI849023	TC202666	null	Mm.41592
40071	28036	AI844478	TC161980	null	Mm.28151
222430	145258	AI844520	TC174233	null	Mm.30241
76446	44263	AI844533	TC159923	small EDRK-rich factor 2	Mm.1106
52217	53001	AI844446	TC158561	zinc finger type transcription	Mm.67034
63619	50801	AI844487	TC201596	null	Mm.17523
73649	69357	AI848716	null	null	Mm.39619
11718	12776	AI844535	TC187760	null	Mm.39910
669331	429724	AI844285	TC190996	null	Mm.12261
14414	10764	AI844322	TC163252	null	Mm.25874
7191	3597	AI849735	TC159105	null	Mm.23781
31806	23425	AI849782	TC201910	null	Mm.28860
151615	87057	AI844295	TC176003	null	Mm.46764
50727	42488	AI844334	TC161166	null	Mm.31990
66809	63267	AI849747	TC204755	null	Mm.17711
46354	56196	AI849793	TC188008	mORC2L	Mm.3411
316828	226466	AI850361	TC162654	null	Mm.41127
125634	92397	AI850403	TC202820	null	Mm.24676
42902	44994	AI850437	TC191610	null	null

29100	19683	AI850488	TC177678	null	Mm.39886
107949	111773	AI850375	TC158179	null	Mm.1843
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22360	8180	AI850453	TC163232	null	Mm.41370
33391	40452	AI850505	TC188969	null	Mm.27885
392817	449357	AI848752	null	null	Mm.4093
46642	42929	AI848774	TC204193	null	Mm.65608
77968	67433	AI844568	TC200569	null	Mm.29775
21685	10240	AI848905	TC177495	null	Mm.41130
27697	15680	AI848757	TC204226	null	Mm.37361
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48957	38629	AI844648	TC186460	histone H2A.X	Mm.14767
6685	6121	AI844683	TC205813	null	Mm.41028
233535	1100260	AI844743	null	null	Mm.40465
24997	23174	AI844625	TC200184	null	Mm.23744
80999	47833	AI844656	TC200712	thyroid hormone receptor	Mm.4015
147141	140549	AI844689	null	null	null
326082	214648	AI850773	TC204588	null	Mm.38976
167375	181890	AI850810	null	null	Mm.48704
63525	54889	AI850536	TC199347	null	Mm.44132
89860	74625	AI850583	TC186568	ras-related C3 botulinium tox	Mm.889
40956	37640	AI850782	null	null	Mm.39890
52819	62798	AI850819	TC173842	fatty acid synthase	Mm.3760
21150	20439	AI850545	null	null	Mm.26743
17251	14554	AI850593	TC163084	null	Mm.36835
571328	361097	AI849024	TC157752	null	Mm.2602
11357	8849	AI844481	null	null	Mm.43101
169190	165295	AI844521	TC186700	proteasome subunit iota	Mm.30210
57017	44567	AI848732	TC187657	cysteinyl-tRNA synthetase	Mm.21505
76122	72684	AI844447	TC202407	centromere autoantigen B (CENP	Mm.41454
106071	88300	AI844488	TC161405	BCL-W	Mm.6967
82328	84804	AI848717	TC173273	follistatin-like protein	Mm.534
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96098	68540	AI844286	TC188004	null	Mm.25726
205604	201501	AI844326	null	null	null
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11633	7741	AI849783	null	null	Mm.40523
57402	61090	AI844297	TC194804	null	Mm.39185
12613	12075	AI844337	null	null	Mm.40459
16229	11402	AI849748	TC173950	null	Mm.1155
133124	80818	AI849795	TC162893	precursor NEFA protein	Mm.9901
34417	39048	AI850362	TC175766	null	Mm.25309
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27608	24428	AI850439	TC187819	null	Mm.29081
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61235	55235	AI850376	TC205028	null	Mm.28530
24331	22363	AI850412	TC187200	null	Mm.38477

17817	15332	AI850455	null	null	null
16839	15456	AI850507	TC162194	null	null
85335	124570	AI844542	TC200290	SET	Mm.28805
261769	218360	AI844558	null	null	null
21689	22532	AI844569	TC201148	null	Mm.39072
0	0	AI844604	TC160492	skeletal muscle LIM protein	Mm.3126
14808	13168	AI848758	TC175358	cholesterol acyltransferase	Mm.1593
33932	17273	AI848783	TC158163	pyruvate dehydrogenase kinase	Mm.29768
19137	9527	AI844575	TC176555	ventricular potassium channel	Mm.1241
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50314	51625	AI844784	TC202589	null	Mm.20387
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1020987	941482	AI844744	TC160643	G protein signaling regulator	Mm.28262
126231	87865	AI844626	TC186919	null	Mm.29975
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278410	234648	AI844691	TC157635	overexpressed in testicular tu	Mm.4962
34519	57220	AI850775	null	null	Mm.39889
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17552	16796	AI850820	TC186673	heparin cofactor II precursor	Mm.6609
46760	47802	AI850546	TC186864	null	Mm.28976
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32932	33468	AI849025	TC161971	null	Mm.6667
10743	11365	AI844483	TC175608	null	Mm.30710
135012	105462	AI848713	TC173719	null	Mm.42925
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310563	231019	AI844299	TC186790	transaldolase	Mm.29182
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252424	189026	AI850377	TC177353	B7	Mm.3207
20472	18679	AI850414	TC175221	null	Mm.50
28576	36742	AI850456	TC187237	putative NAD(P)H steroid dehyd	Mm.38792
58896	44173	AI850509	TC158486	null	Mm.58058
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28132	18692	AI848784	TC200979	null	Mm.30123
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24784	23568	AI848914	TC159632	Tssc4 protein	Mm.5293
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154265	136788	AI844786	TC189816	unnamed protein product	Mm.24829
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31699	28647	AI844692	TC203166	nemo-like kinase	Mm.9001
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23761	20292	AI850587	TC177614	null	Mm.41175
347505	267766	AI850786	TC202456	transcytosis associated protei	Mm.15868
24203	23145	AI850822	TC203263	null	Mm.63742
99168	110529	AI850549	TC162077	null	Mm.5285
11250	14440	AI850596	null	null	null
37229	41073	AI849027	TC200704	null	Mm.43765
9892	6593	AI844484	TC190382	null	Mm.17353
127673	85458	AI844522	TC161567	phosphatidylinositol 4-phospha	Mm.1945
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22922	16889	AI848718	TC205783	null	null
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44601	31672	AI844290	TC194779	null	Mm.44109
20554	20081	AI844330	TC162781	null	Mm.29019
49489	37492	AI849742	TC178710	null	Mm.32441
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258240	201613	AI844300	TC161551	null	Mm.23173
23246	17423	AI844343	TC162329	null	Mm.40036
23042	20932	AI849756	null	null	Mm.40879
71308	63207	AI849799	TC158467	null	Mm.22458
260466	184857	AI850365	TC186749	null	Mm.22651
113278	99149	AI850407	TC160506	NF2d9	Mm.28052
21038	17109	AI850449	TC187023	unnamed protein product	Mm.41730
67694	42576	AI850497	TC203175	arachidonate 5-lipoxygenase	Mm.41072
161383	139215	AI850379	TC187458	tyrosine kinase	Mm.36605
29256	17419	AI850416	TC164319	null	null
16757	12271	AI850458	null	null	null
47039	38331	AI850510	TC187104	null	Mm.44120
49002	40712	AI844544	null	null	Mm.39584
0	0	AI848777	TC163690	null	Mm.39210
773801	547793	AI848800	TC200556	null	Mm.28892
62441	53349	AI844597	TC203973	null	Mm.31392



282687	195528	AI848760	TC178105	null	Mm.26334
42835	28607	AI844561	TC187521	null	Mm.28378
110761	72724	AI848809	TC164126	null	Mm.39983
59380	34864	AI848915	TC201677	null	Mm.23747
39773	37258	AI844734	TC202781	null	Mm.34363
109416	74896	AI844789	null	null	Mm.39588
34328	13652	AI844652	TC173672	null	Mm.28001
78770	48024	AI844686	TC187625	null	Mm.29042
200456	178054	AI844747	TC160628	mesoderm/mesenchyme forkhead 1	Mm.12949
178112	146369	AI844628	TC176750	null	Mm.41306
173676	140646	AI844659	TC164063	adenylyl cyclase type 9	Mm.4294
33118	27686	AI844694	TC176429	null	Mm.40464
43087	41740	AI850777	TC205906	null	null
0	0	AI850816	TC183516	null	null
0	0	AI850540	null	null	null
52982	43737	AI850589	TC201232	null	Mm.22627
61835	43700	AI850787	TC163847	null	Mm.41835
329894	216208	AI850823	TC165174	null	Mm.67039
59023	42807	AI850550	TC189423	null	Mm.29333
15121	12185	AI850597	TC173832	null	Mm.21645
15698	11491	AI844441	null	null	null
37901	35700	AI844485	TC160988	null	Mm.26893
60936	36308	AI848714	TC192032	null	Mm.40345
0	0	AI848735	TC160790	EGF repeat transmembrane prote	Mm.4173
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66391	65673	AI844526	null	null	Mm.42436
0	0	AI848740	TC174013	protein kinase inhibitor gamma	Mm.10091
0	0	AI844291	TC163462	null	Mm.23286
90662	44260	AI844331	TC200455	pyrroline-5-carboxylate synthe	Mm.29751
0	0	AI849743	TC203416	null	Mm.24616
0	0	AI849789	TC163015	null	Mm.40347
0	0	AI844302	TC189996	null	Mm.28621
115704	93198	AI844345	TC200677	myosin containing PDZ domain	Mm.29351
0	0	AI849757	null	null	null
28385	21506	AI849800	TC162321	pc-tp2	Mm.28896
40850	41417	AI850369	null	null	Mm.39885
0	0	AI850408	TC174638	zinc finger protein	Mm.323
30382	28682	AI850450	TC164306	null	Mm.41524
0	0	AI850499	TC165041	null	Mm.5014
0	0	AI850381	TC160520	null	Mm.29128
91327	69787	AI850417	TC190127	null	Mm.42873
0	0	AI850461	TC202597	null	Mm.29464
0	0	AI850751	TC161148	MALA-2 protein	Mm.21441
29201	25386	AI848755	TC186903	inositol polyphosphate 5-phosp	Mm.30030
72997	56314	AI844559	TC162457	Nmi	Mm.7491
33044	39242	AI848802	TC187241	null	Mm.44177
209976	203034	AI848909	TC186463	null	Mm.45425
32524	26144	AI848761	TC186843	14-3-3 protein gamma	Mm.29717
51727	47659	AI848786	TC159876	glutamine synthetase	Mm.2338
0	0	AI848810	TC160831	null	Mm.32780

0	0	AI848916	TC197009	null	Mm.63859
119195	117743	AI844736	TC189149	null	Mm.28535
146976	133579	AI844791	TC199991	null	Mm.40152
124528	83168	AI844653	TC161241	H2-M alpha chain	Mm.16373
39296	37993	AI844687	TC174767	calmodulin dependent phosphata	Mm.3150
46455	35917	AI844749	TC174026	null	Mm.34333
49193	51636	AI844630	TC189068	null	Mm.38594
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80639	69590	AI844695	null	null	null
32340	16950	AI850779	null	null	null
36758	41558	AI850817	TC177842	null	Mm.40332
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296896	322805	AI850788	TC200256	thymic dendritic cell-derived	Mm.24847
90964	75851	AI850824	null	null	Mm.39891
0	0	AI850551	TC159051	ubiquitin fusion-degradation 1	Mm.1830
93468	81342	AI850598	TC157219	null	Mm.13427
35010	43626	AI844443	null	null	null
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19931	18844	AI848715	TC190670	null	Mm.40002
88292	82780	AI848736	TC202514	null	Mm.24658
43954	29440	AI844454	TC199997	glutaryl-CoA dehydrogenase pre	Mm.2475
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53474	38197	AI848719	TC163761	null	Mm.4281
43646	31011	AI848741	TC188271	null	Mm.29565
0	0	AI844293	null	null	null
22623	23131	AI844333	TC188407	null	Mm.23021
0	0	AI849746	TC187608	LZIP-1 and LZIP-2	Mm.14458
58979	44631	AI849791	null	null	null
58754	63311	AI844304	TC182722	null	Mm.60579
16661	14820	AI849707	TC173696	null	Mm.30179
0	0	AI849758	TC192982	microtubule associated protein	Mm.413
59032	57852	AI849805	TC160666	RNA-binding protein staufen	Mm.41650
75806	74287	AI850370	TC189061	null	Mm.28900
0	0	AI850410	TC190549	null	Mm.40329
98982	77263	AI850452	TC189628	null	Mm.30659
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35626	34899	AI850382	TC161773	null	Mm.34038
33911	19073	AI850418	TC209939	null	Mm.49694
0	0	AI850467	TC200880	null	Mm.2607
0	0	AI850754	TC188991	null	null
0	0	AI848756	TC174767	calmodulin dependent phosphata	Mm.38091
52241	32284	AI848779	TC174742	calcium channel gamma 5 subuni	Mm.24750
62683	49175	AI848803	TC187127	FK-506 binding protein homolog	Mm.6565
22707	17771	AI848910	TC201091	null	Mm.21162
0	0	AI848762	TC176015	homologue of AF022152 Homo sap	Mm.44105
32539	23453	AI848787	TC174179	transcription factor p65	Mm.28170
63838	57614	AI848811	TC179073	null	Mm.63805
37848	35061	AI844600	TC160558	null	Mm.18761
0	0	AI844740	TC200358	null	Mm.7198
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121518	165255	AI844654	TC173712	modifier 2	Mm.28148
56850	38686	AI844688	TC173617	serine racemase	Mm.19015
221777	185902	AI844750	TC207061	null	Mm.40931
29274	26161	AI844631	TC191182	null	Mm.5295
55700	36839	AI844663	TC202691	null	Mm.24984
0	0	AI844696	TC161263	66 kDa neurofilament protein N	Mm.2496
0	0	AI850781	null	null	null
73761	85088	AI850818	TC160259	ATRX protein	Mm.10141
42986	34673	AI850544	TC203676	null	Mm.41507
0	0	AI850592	null	null	Mm.39635
75870	64540	AI850789	TC175541	Nibrin	Mm.20866
387823	330210	AI850825	null	null	null
185829	157032	AI850552	TC173902	GM2 activator protein	Mm.4140
167273	130289	AI850599	TC177559	null	Mm.37606
111736	92066	AI851687	null	null	Mm.40538
19157	17251	AI851723	TC189814	null	Mm.28037
25592	14429	AI852397	null	null	Mm.40924
33998	24936	AI852470	TC188678	nucleoside diphosphate kinase	Mm.27278
63940	63492	AI851694	TC205188	null	null
14001	11631	AI851732	TC163377	null	Mm.24291
15476	14996	AI852408	TC190981	glucokinase	Mm.1328
13970	12816	AI852478	null	null	null
30918	30530	AI853948	TC175756	GANP protein	Mm.30098
23058	19487	AI853984	TC206486	null	Mm.43974
0	0	AI852498	null	null	Mm.40222
151678	167118	AI852534	TC159888	null	Mm.21848
16639	7133	AI853957	TC164603	null	Mm.41659
15390	18708	AI853993	TC174357	focal adhesion kinase	Mm.29674
14820	9911	AI852507	null	null	Mm.40928
484050	312210	AI852541	TC158905	polymorphic tumor rejection an	Mm.4526
6344	7748	AI852208	TC177431	null	Mm.39951
7383	8142	AI852240	TC204699	null	Mm.41183
22941	6833	AI853504	TC187960	null	Mm.39704
9236	3908	AI853534	TC188600	unnamed protein product	Mm.41180
24638	19984	AI852218	TC175507	null	Mm.3241
7977	9494	AI853483	TC174892	thrombospondin 3	Mm.2114
81501	82918	AI853513	TC196226	null	Mm.68840
0	0	AI853542	null	null	Mm.30205
61687	50733	AI851966	TC202792	signal transducer and activato	Mm.21935
34884	28220	AI851996	TC188845	null	Mm.41382
138414	123502	AI852028	TC160269	unknown	Mm.396
23243	18268	AI853347	TC162701	null	Mm.21884
122944	113992	AI851973	TC187080	nuclear pore-targeting complex	Mm.16710
12505	10835	AI852003	TC175746	null	Mm.28325
17432	12908	AI852035	TC205688	null	Mm.27084
11496	9434	AI853357	TC187622	null	Mm.10754
27449	24675	AI852567	null	null	Mm.2632
20338	15104	AI851895	null	null	Mm.39904
69266	36845	AI851921	TC202886	null	Mm.41720
20044	21285	AI852747	null	null	null
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59067	53055	AI851901	null	null	Mm.25608
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34646	23817	AI852324	TC188234	zinc finger RNA binding protei	null
0	0	AI853102	null	null	null
28982	23846	AI852259	TC179027	null	Mm.41211
32771	30409	AI852296	TC192406	null	Mm.41864
112174	113623	AI853077	TC158410	testis-specific calpastatin, I	Mm.40656
11324	10704	AI853110	TC176092	null	Mm.30252
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11396	7815	AI852399	null	null	Mm.63745
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45507	23809	AI853949	TC176368	null	Mm.946
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31650	19983	AI853959	TC187808	null	Mm.28241
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297995	139675	AI852543	TC161189	Epoxide Hydrolase	Mm.15295
20055	12576	AI852211	TC178964	null	Mm.40218
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15024	17461	AI852219	TC174140	non-receptor protein tyrosine	Mm.1483
160933	160399	AI853484	TC173049	null	Mm.14833
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5976	7045	AI853543	TC162798	null	Mm.29330
12408	10863	AI851967	TC179365	null	Mm.30813
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17862	10538	AI852029	TC174702	null	Mm.33984
21957	13088	AI853350	null	null	null
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20912	14006	AI851902	TC201637	IL-16 precursor	Mm.10137
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0	0	AI852291	null	null	null
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27416	22789	AI852472	TC187402	null	Mm.25727
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38042	19329	AI851735	TC177942	null	Mm.40909
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23184	30090	AI852481	TC175865	L-myc protein	Mm.1055
36550	25541	AI853951	TC187543	null	Mm.29386
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396046	180082	AI852536	TC163137	chemokine	Mm.7275
83486	50291	AI853960	null	null	Mm.43243
36147	32720	AI853996	TC202670	null	Mm.28807
29667	17784	AI852510	TC210703	null	Mm.39661
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42992	31789	AI852243	TC174227	translin associated protein X	Mm.40006
85008	83189	AI853506	TC186810	null	Mm.21132
25456	15813	AI853536	TC202616	null	Mm.7024
7125	6157	AI852220	TC175925	null	Mm.23531
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24156	25048	AI851999	TC202362	null	Mm.19835
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39669	41119	AI852572	TC158995	EMeg32 protein	Mm.41304
23570	22831	AI851897	null	null	Mm.40543
13824	22042	AI851923	TC201021	null	Mm.41218
100060	72890	AI852753	TC160376	null	Mm.24874
56843	58768	AI851874	TC180231	receptor tyrosine kinase	Mm.1977
73402	57655	AI851903	TC179868	null	Mm.40175
40235	31388	AI851932	TC166445	null	Mm.41623
5062	9121	AI852766	TC164524	null	Mm.40935
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221135	158155	AI852292	TC175395	S182 protein	Mm.998
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23113	13818	AI851702	TC161876	null	Mm.40004
68985	83293	AI852453	TC162023	glycosylphosphatidylinositol-s	Mm.2779
41283	92006	AI852411	TC175096	null	Mm.46607
21439	22522	AI852482	null	null	null
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70287	63022	AI852511	TC187420	galactokinase	Mm.2820
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21312	9901	AI852213	TC201597	UDP-glucose dehydrogenase	Mm.10709
117892	99919	AI852247	null	null	Mm.19945
21740	19236	AI853507	TC200788	ABC transporter	Mm.22759
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27169	40692	AI851905	TC174617	null	Mm.40914
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15029	16997	AI852769	TC206098	null	null
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16022	9658	AI853074	TC207017	null	Mm.36166
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16906	13998	AI852303	TC210612	null	null

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11870	12990	AI851692	TC178645	null	null
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4801	4660	AI852405	TC188008	mORC2L	Mm.3411
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15525	7910	AI851703	TC203201	null	Mm.22831
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20593	15573	AI852483	null	null	Mm.39916
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84522	72307	AI853963	null	null	Mm.30704
59542	37818	AI853999	TC160536	null	Mm.28952
34664	24037	AI852512	TC164810	type 2 deiodinase	Mm.21389
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20717	18710	AI852033	TC157270	null	null
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0	0	AI852008	TC163101	null	Mm.32542
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0	0	AI853361	TC174048	null	Mm.27384
27361	18494	AI851870	null	null	null
55813	59854	AI851899	TC202526	null	Mm.41409
51524	36779	AI851926	TC159074	null	Mm.23896
17909	25167	AI852759	TC162627	factor VIII-associated protein	Mm.5154
48292	40906	AI851876	TC161531	splicing factor U2AF	Mm.3358
73113	45517	AI851906	TC176466	null	Mm.28478
47513	32481	AI851938	TC190937	null	Mm.40216
67253	60495	AI852770	TC176231	null	Mm.27100
33853	22670	AI852256	null	null	Mm.39233
35408	37479	AI852294	TC160196	REV1 protein	Mm.12730
21550	23253	AI853075	TC189138	null	Mm.28660
0	0	AI853107	TC186601	semaphorin M-sema G	Mm.33903
59948	76969	AI852265	TC190424	null	Mm.40566
25731	22533	AI852305	TC176211	null	Mm.17621
0	0	AI853083	TC189346	null	Mm.19091
661817	715341	AI853115	null	null	Mm.35059
0	0	AI851693	TC161097	BTEB3 protein	Mm.17468

0	0	AI851730	TC157674	adenine nucleotide translocase	Mm.16228
38029	25701	AI852407	null	null	null
0	0	AI852477	null	null	null
0	0	AI851704	TC161506	null	Mm.25504
0	0	AI852382	null	null	null
46792	39763	AI852413	TC202156	null	Mm.30445
24482	22881	AI852485	TC187304	fibroglycan (syndecan-2)	Mm.29350
26311	23027	AI853956	TC188096	null	Mm.22281
66214	34907	AI853992	TC204745	null	Mm.39262
0	0	AI852505	TC191796	null	null
23231	21078	AI852540	TC202887	null	Mm.24522
0	0	AI853964	null	null	null
0	0	AI854000	TC166116	null	Mm.63747
21852	18856	AI852513	TC204148	null	Mm.40554
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23486	16728	AI852216	TC171453	null	Mm.39656
19475	13261	AI853481	null	null	Mm.39251
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56641	31928	AI853539	TC162177	null	Mm.44147
41824	41107	AI852223	TC187666	HNF-3/fork-head homolog-1	Mm.455
0	0	AI853488	TC162021	null	Mm.25445
68374	66316	AI853518	TC189047	null	Mm.22573
19791	20190	AI853548	TC178699	null	Mm.21402
46796	30235	AI851972	TC210078	null	null
50892	45324	AI852002	TC174081	null	Mm.25383
0	0	AI852034	TC191101	null	Mm.2658
0	0	AI853356	TC163146	null	null
0	0	AI851981	TC173104	null	Mm.63
0	0	AI852009	TC188300	GRIN1	Mm.41812
63240	43171	AI853330	TC174712	choline/ethanolamine kinase	Mm.10124
54748	43732	AI853362	TC166536	null	Mm.40161
205932	190619	AI851871	TC161943	null	Mm.22682
98435	77782	AI851900	TC175851	null	Mm.40275
22274	12268	AI851927	TC190366	null	Mm.41338
31083	67218	AI852760	TC174901	null	Mm.24472
38747	35123	AI851877	TC202746	null	Mm.40912
366695	252462	AI851907	TC160236	G protein beta 36 subunit	Mm.2344
0	0	AI851940	TC203731	GD1 alpha synthase	Mm.40915
0	0	AI852771	TC207635	null	Mm.40229
52600	36763	AI852258	TC189499	null	Mm.38405
15512	9785	AI852295	null	null	null
19273	16129	AI853076	TC175613	null	Mm.44221
24246	19854	AI853109	null	null	Mm.40940
36050	38239	AI852267	TC163469	null	Mm.40640
0	0	AI852306	null	null	Mm.39427
0	0	AI853085	TC201826	Ran-interacting protein MOG1	Mm.5669
218392	229233	AI853117	TC186750	protein tyrosine phosphatase	Mm.28909
91067	51745	AI854493	TC202426	claudin-5	Mm.22768
16019	13132	AI854525	TC165208	null	Mm.40012
16424	11144	AI854564	TC196947	TRAAK K+ channel subunit	Mm.12894
5290	7529	AI852838	TC186594	null	Mm.23675



10701	11282	AI854501	TC201992	null	Mm.41012
39171	41031	AI854536	TC183398	null	null
9720	8319	AI854571	null	null	null
62876	31550	AI852851	TC189954	null	Mm.28282
22855	13097	AI853583	null	null	null
55442	50740	AI853616	TC160512	null	Mm.30256
7496	5105	AI853643	TC203908	null	Mm.39747
64669	69339	AI853708	TC173959	null	Mm.28402
8596	6781	AI853589	null	null	null
10548	6053	AI853623	TC165085	null	Mm.40003
93956	80850	AI853651	TC187121	null	Mm.1985
12983	13635	AI853714	TC177144	null	Mm.35482
122727	105703	AI851022	TC160960	null	Mm.28707
214766	129336	AI851055	TC200172	null	Mm.7884
19237	16282	AI854087	TC203426	null	Mm.51566
29328	24758	AI854112	TC174280	null	Mm.34126
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101957	77384	AI851061	TC175568	retinoid X receptor-beta	Mm.1243
34696	56069	AI854093	TC202257	null	Mm.40295
119273	107000	AI854118	TC176295	null	Mm.28691
35787	16297	AI852879	null	null	Mm.39242
179266	97083	AI853250	TC161052	carnitine palmitoyltransferase	Mm.29499
136420	107399	AI853286	TC160646	null	Mm.29349
95784	118970	AI854010	TC200005	Ran	Mm.14426
15854	10676	AI852888	TC179428	D7H11orf14 protein	null
44774	45764	AI853259	null	null	Mm.30071
21251	28700	AI853294	TC162965	null	Mm.29789
23354	18785	AI854017	TC203152	null	Mm.24381
94081	68516	AI853659	TC200191	mCASP	Mm.34465
0	0	AI853683	null	null	null
6647	4218	AI853834	TC200274	UbcM4 interacting protein 28;	Mm.28806
5717	8528	AI853867	TC211890	null	null
37042	33296	AI853665	TC176693	null	null
89646	91213	AI853689	TC202172	null	Mm.41347
39277	42843	AI853842	TC174257	null	Mm.28528
0	0	AI853875	TC160889	null	Mm.29479
182211	125077	AI854137	TC200139	null	Mm.21420
20032	9637	AI851120	TC202026	null	Mm.21759
29990	21668	AI851195	TC175985	null	Mm.523
62745	57385	AI851227	TC174256	actin-related protein 11	Mm.29317
70080	56646	AI854144	TC161158	null	Mm.18460
48569	45146	AI851129	TC187079	null	Mm.27403
11361	6254	AI851202	TC176685	null	null
199504	174712	AI853411	TC187811	microtubule-associated protein	Mm.20928
10744	5337	AI854494	TC180296	null	Mm.40300
20831	11764	AI854528	TC176767	null	Mm.45063
31985	25737	AI854565	TC195251	null	Mm.40965
14640	7314	AI852839	TC162705	sh3bgr protein	Mm.28638
7768	5240	AI854504	null	null	Mm.39449
58244	52373	AI854538	TC201201	null	Mm.28792
109707	79631	AI854572	TC186710	null	Mm.38471

18648	11499	AI852852	TC189668	null	Mm.24363
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15313	27821	AI853617	TC175531	xeroderma pigmentosum group C	Mm.2806
895944	808290	AI853644	TC177185	null	Mm.41511
4845	4730	AI853709	TC175702	null	Mm.28810
15158	13848	AI853590	TC198333	null	Mm.22854
272868	176676	AI853625	TC177606	L-glutamate decarboxylase	Mm.3536
13933	12506	AI853652	null	null	Mm.39937
0	0	AI853715	TC202319	null	Mm.17846
22541	18709	AI851023	TC189385	null	Mm.30209
39054	28509	AI851056	null	null	null
10582	9394	AI854088	TC190966	null	Mm.36100
22681	22293	AI854113	TC187304	fibroglycan (syndecan-2)	Mm.29350
22967	15104	AI851029	TC162544	proton-gated cation channels m	Mm.8028
206366	151968	AI851062	TC173583	null	Mm.21752
13376	8654	AI854094	TC190506	Hox-8 protein	Mm.1763
76452	71264	AI854119	TC174616	null	Mm.21048
31408	39806	AI852880	TC162271	null	Mm.26362
84958	82638	AI853251	TC161703	null	Mm.26609
19844	15527	AI853287	TC187074	null	Mm.32126
15747	10375	AI854011	null	null	null
22802	21512	AI852889	TC175788	ribonuclease H1	Mm.10152
22662	21381	AI853260	TC162780	null	Mm.27117
25570	25420	AI853296	null	null	Mm.41609
14625	10347	AI854018	TC161112	null	Mm.22357
20688	35885	AI853660	TC203195	laminin alpha 5 chain	Mm.4339
42710	47741	AI853684	TC173091	mtprd	Mm.39490
607827	563266	AI853835	TC205497	null	Mm.28639
11538	11270	AI853868	null	null	Mm.39679
24727	13462	AI853666	TC194568	null	null
90767	69917	AI853814	TC176605	guanine nucleotide-binding reg	Mm.4478
27978	25386	AI853843	TC200692	null	Mm.22021
13114	6814	AI853877	TC160058	zipper protein kinase	Mm.4358
43642	27947	AI854138	TC203221	null	Mm.35423
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24578	20479	AI854145	TC173496	carboxypeptidase E	Mm.43603
35862	25759	AI851130	TC175248	null	Mm.34656
17835	13775	AI851205	TC202336	null	Mm.34205
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60491	127814	AI854495	TC174463	null	Mm.41383
41226	25174	AI854529	TC175530	null	Mm.27965
14380	16808	AI854566	TC210606	synaptotagmin VII	null
67984	63857	AI852842	TC176292	null	Mm.37457
40513	27810	AI854505	null	null	null
45760	37994	AI854539	TC176810	null	Mm.6720
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35523	27088	AI853585	TC201109	null	Mm.25337
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0	0	AI853646	null	null	Mm.40236
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72331	58092	AI853592	TC174898	null	Mm.43591
63875	38952	AI853626	TC175747	dihydrofolate reductase	Mm.23695
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25585	19394	AI851057	TC175190	null	Mm.37383
422654	227424	AI854089	TC159438	cytochrome oxidase subunit 3	Mm.5293
16221	15497	AI854114	TC174051	similar to Drosophila dishevel	Mm.3400
89596	74245	AI851030	TC174168	tyrosine kinase	Mm.21974
24473	27700	AI851063	TC200133	A10	Mm.16898
45916	37960	AI854095	TC157849	null	Mm.58683
274676	207155	AI854120	TC200766	null	Mm.27959
71031	47619	AI852882	TC188990	null	Mm.23230
0	0	AI853252	TC164245	null	Mm.44910
343752	264966	AI853288	null	null	null
42297	42841	AI854013	TC161376	MPTPdelta	Mm.3449
31835	28364	AI852890	TC182622	null	Mm.40043
36013	36933	AI853261	TC200922	melanoma adhesion molecule	Mm.39103
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22531	16465	AI854019	TC170115	null	Mm.40957
48620	58893	AI853661	TC175324	null	null
55458	49863	AI853685	TC161963	null	Mm.28811
8212	7238	AI853837	TC188664	null	Mm.33720
42769	40358	AI853870	TC200384	C7-1 protein	Mm.21961
52027	37164	AI853667	TC182632	null	Mm.43268
305598	216664	AI853815	TC186695	brain protein 44-like protein	Mm.2576
132840	112583	AI853846	TC186836	keratinocyte lipid-binding pr	Mm.741
57850	36620	AI853878	TC162352	null	Mm.41894
248168	208350	AI854139	null	null	Mm.39265
80321	51004	AI851125	TC186652	null	Mm.30000
25730	28879	AI851198	TC162903	null	Mm.24873
22823	20859	AI851231	TC203493	gamma-aminobutyric acid A rece	Mm.5309
25825	22342	AI854146	TC203962	null	Mm.41135
69730	75266	AI851131	TC206929	null	null
52594	39995	AI851206	TC174001	hypothetical protein	Mm.22405
34850	33419	AI853413	TC162059	null	Mm.23974
12178	11424	AI854496	TC188205	null	Mm.28606
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71556	74762	AI854567	TC157729	unnamed protein product	Mm.23841
30505	30369	AI852846	TC201812	methyl-CpG-binding protein 2	Mm.40984
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21076	11111	AI854540	TC161076	null	Mm.27964
42984	45672	AI852819	TC202840	homolog of human gene underlyi	Mm.135
26654	23674	AI852856	null	null	Mm.40561
373931	394538	AI853586	TC157774	p120	Mm.35738
8627	6354	AI853619	null	null	null
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22633	29873	AI853711	TC189310	null	Mm.23596
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14536	12316	AI853717	TC173985	null	Mm.28029
24138	17823	AI851025	null	null	null
64416	66134	AI851058	TC202808	calcium- and diacylglycerol-re	Mm.10161
23255	19863	AI854090	TC163016	null	Mm.19831
482938	283946	AI854115	TC161704	null	Mm.41473
29930	16059	AI851031	null	null	null
23827	15542	AI851064	TC187271	null	Mm.11112
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25670	21809	AI854121	TC210622	null	Mm.44388
10862	14255	AI852884	TC202704	null	Mm.44714
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21109	18096	AI853291	null	null	null
25096	19674	AI854014	TC174327	null	Mm.41438
76805	61055	AI852893	TC200302	involved in signaling by the e	Mm.35677
13270	9680	AI853262	TC177217	male-specific histocompatibili	Mm.20477
43611	44131	AI853299	TC187357	null	Mm.28053
25006	15546	AI854020	null	null	Mm.29996
28940	19055	AI853662	TC166658	null	null
36933	32923	AI853686	TC179336	glutamate receptor channel alp	Mm.42021
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46433	41336	AI853816	TC162127	null	Mm.23595
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28467	14287	AI853879	TC189888	putative transcription factor	Mm.3594
46728	44892	AI854141	TC175304	null	Mm.21489
13843	8419	AI851126	TC212749	null	Mm.39643
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16610	17521	AI854147	TC204557	null	Mm.44234
62766	67642	AI851133	TC200700	membrane glycoprotein	Mm.944
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29977	27292	AI852820	TC159312	null	null
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23510	26444	AI853692	null	null	null
0	0	AI853718	TC159868	necdin	Mm.7089

35126	32354	AI851026	TC175171	null	Mm.28744
0	0	AI851059	TC161117	SKD1	Mm.18705
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23665	17624	AI852886	TC201217	null	Mm.41765
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93792	51237	AI853880	TC190624	null	Mm.41069
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119614	128037	AI853588	TC177020	null	Mm.26936
30685	25389	AI853621	TC176380	null	Mm.29708
101148	95216	AI853649	TC160124	porphobilinogen deaminase (hou	Mm.1710
151456	166221	AI853713	TC200544	null	Mm.22024
40281	29298	AI853599	TC161479	Bce-1 protein	Mm.17915
16189	13429	AI853629	null	null	Mm.39444
111043	73549	AI853694	TC210623	null	Mm.39938
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38079	62719	AI851060	TC200481	beta-glucuronidase	Mm.3317
0	0	AI854092	TC201919	null	Mm.39483

15899	10147	AI854117	TC191758	null	Mm.44403
32446	27812	AI851034	null	null	Mm.39892
48944	34923	AI851066	TC180132	null	Mm.20118
239021	198015	AI854099	TC160319	unnamed protein product	Mm.41782
0	0	AI854123	TC176531	null	Mm.27204
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68067	47388	AI853257	TC161288	ganglioside-induced differenti	Mm.12962
82966	80285	AI853293	TC173192	null	Mm.22073
34735	23807	AI854016	TC183006	null	Mm.40544
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129222	161508	AI854022	TC186927	null	Mm.29076
137654	140733	AI853664	null	null	Mm.40953
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23726	19392	AI854250	TC193384	null	Mm.40958
223230	200933	AI854143	TC173727	null	Mm.41374
33345	42405	AI851128	TC160982	glypican-1	Mm.24817
27644	22791	AI851201	TC207193	null	Mm.40695
290842	150106	AI853409	TC173952	null	Mm.29185
65800	52394	AI854149	TC189966	null	Mm.27290
0	0	AI851136	null	null	null
964379	539189	AI851210	TC176222	null	Mm.34108
0	0	AI853416	null	null	null
23339	18244	AI854834	TC161494	null	Mm.25543
11829	10642	AI854865	null	null	Mm.40591
28700	29762	AI854897	TC200959	red-1	Mm.27915
12106	9793	AI854677	TC190684	null	Mm.40967
29725	26611	AI854840	TC196942	null	null
12897	10081	AI854874	TC164328	Plasma membrane Ca <sup>2+</sup> -ATPase is	Mm.20441
61458	62768	AI854658	TC190978	null	Mm.26071
112036	79974	AI854684	TC200914	null	Mm.22710
126768	125079	AI851319	TC162345	null	Mm.39097
356475	368441	AI851354	null	null	null
14804	11033	AI851389	null	null	null
25805	30151	AI851534	TC159457	vacuolar adenosine triphospat	Mm.10727
62197	41462	AI851329	TC162868	COP9 complex subunit 7b	Mm.12973
40448	38477	AI851363	TC175511	null	Mm.35986
57149	46087	AI851512	null	null	null
91139	62056	AI851540	TC201825	null	Mm.25762
20125	22818	AA407441	TC188578	null	Mm.38739
13779	11362	AA407562	TC175004	null	Mm.30004
50143	47859	AA409240	TC162204	B61	Mm.15675
11816	10738	AA409509	null	null	null
6503	5910	AA407512	TC158684	null	Mm.88762
9041	5839	AA407619	TC164917	null	Mm.24462

0	0	AA409279	TC203346	erythroid membrane-associated	Mm.24043
36746	37074	AA409448	TC160186	null	Mm.27190
24077	18082	AI854704	TC162961	Na <sup>+</sup> /H <sup>+</sup> exchanger	Mm.4312
12744	7991	AI854730	TC202212	null	Mm.24761
0	0	AI850928	TC170210	null	Mm.39639
0	0	AI850962	TC187018	null	Mm.31533
47872	47767	AI854711	TC162168	null	Mm.24868
41964	37708	AI854736	TC168151	null	null
0	0	AI850936	null	null	null
15921	12623	AI850969	TC164123	null	Mm.44416
37141	19708	AI851561	TC163883	null	Mm.36745
579899	671620	AI851588	TC159689	ribosomal protein L23	Mm.16820
0	0	AI851423	null	null	null
24841	12715	AI851462	TC202248	null	Mm.26713
35504	27790	AI851567	null	null	null
242563	252227	AI851595	TC158296	null	Mm.16820
0	0	AI851431	TC176957	null	null
59413	39392	AI851470	TC189787	null	Mm.28633
8128	5044	AA409525	null	null	Mm.100620
11192	10478	AA409862	null	null	Mm.100526
100801	129436	AA407431	TC158287	JKTBP	Mm.7861
9443	10516	AA409912	TC179559	null	Mm.27297
181252	136643	AA409688	TC201365	null	Mm.28393
52140	37369	AA409824	TC174815	ribosomal protein S6 kinase	Mm.29910
263228	171937	AA407909	TC160833	null	Mm.30053
15290	17260	AA410151	TC202607	null	Mm.41305
15402	15883	AI854835	TC160568	null	Mm.41488
96955	82691	AI854866	TC202607	null	Mm.41305
282109	151552	AI854898	TC159974	null	Mm.29460
61664	57330	AI854678	TC160100	null	Mm.27707
110629	102138	AI854841	TC186992	null	Mm.155
16930	11396	AI854875	null	null	null
48547	22418	AI854659	TC174460	fibroblast growth factor recep	Mm.6904
264456	135594	AI854685	TC191200	null	Mm.40610
27167	26464	AI851320	TC187577	alkaline phosphatase	Mm.1265
66120	57803	AI851355	TC208086	null	null
41854	34402	AI851391	TC174621	null	Mm.41891
33799	26526	AI851535	TC187733	peroxisomal biogenesis factor	Mm.20901
66078	52824	AI851330	TC161043	LIM kinase 2	Mm.42927
26424	22329	AI851365	TC189071	null	Mm.27216
17110	14092	AI851514	TC162922	null	Mm.41784
13600	12859	AI851541	TC178562	null	Mm.36490
15968	17528	AA407443	TC200842	null	Mm.34091
12357	15893	AA407565	TC202475	heparan sulfate D-glucosaminyl	Mm.12559
20778	19584	AA409242	null	null	Mm.34039
44373	34628	AA407514	TC161827	protein-tyrosine kinase (EC 2.	Mm.1834
0	0	AA407681	null	null	null
0	0	AA409260	TC200868	null	Mm.20491
0	0	AA409539	TC200839	adrenomedullin precursor	Mm.1408
90744	92254	AI854705	TC158418	null	Mm.32512
46240	31282	AI854731	TC174439	null	Mm.34028

17062	8269	AI850929	TC176033	null	Mm.41348
0	0	AI850964	TC179097	null	Mm.40065
86865	85509	AI854712	TC179344	spalt protein	Mm.5089
12628	5322	AI850904	null	null	Mm.40894
7831	9932	AI850937	TC201756	null	Mm.41423
43083	30118	AI850971	TC186907	cAMP-dependent protein kinase	Mm.16766
167095	139753	AI851562	null	null	Mm.31319
41374	29502	AI851589	TC196153	null	null
23915	15135	AI851425	TC204832	null	Mm.41529
61446	47883	AI851463	TC188402	null	Mm.24558
0	0	AI851568	TC158667	neural cell adhesion molecule	Mm.4974
74330	51771	AI851596	TC160109	secreted apoptosis related pro	Mm.19155
0	0	AI851433	null	null	null
24952	16237	AI851471	TC175709	null	Mm.4285
54729	42178	AA409654	TC200761	profilin (AA 1-140)	Mm.2647
937568	683939	AA409871	TC159560	cytoskeletal beta-actin	Mm.297
205249	119941	AA407434	null	null	null
36304	18121	AA407393	TC163250	null	Mm.43948
200580	103634	AA409679	TC190511	null	Mm.23044
33958	24549	AA409895	TC173778	null	Mm.22277
35832	33843	AA407916	TC203545	SOX13	Mm.8575
0	0	AA409957	null	null	null
22184	15914	AI854836	TC163407	null	Mm.32338
203598	234593	AI854867	TC188249	null	Mm.34539
73427	59591	AI854899	TC188254	null	Mm.35714
156717	153728	AI854679	TC186628	membrane protein TMS-2	Mm.29344
19414	13983	AI854843	TC164078	null	Mm.41251
55884	61715	AI854876	TC174822	Doc2	Mm.43681
370574	305929	AI854660	TC173905	glutathione reductase	Mm.20288
87915	121192	AI854686	TC200290	SET	Mm.28805
147082	143572	AI851321	TC173763	null	Mm.28877
58115	44168	AI851358	TC200841	null	Mm.29497
47950	46142	AI851393	TC200815	null	Mm.28435
54118	39105	AI851536	TC202166	null	null
142942	110879	AI851332	TC160460	null	Mm.24272
28989	17905	AI851366	TC187870	HNP36 protein	Mm.4930
53465	47638	AI851515	TC187011	null	Mm.28348
37959	35349	AI851542	TC188221	null	Mm.27389
17886	6669	AA407452	TC177600	null	Mm.30860
11258	6419	AA407648	TC175991	null	Mm.28642
0	0	AA409244	null	null	null
99749	114159	AA409495	null	null	Mm.14722
19352	17328	AA407526	TC164688	null	Mm.21105
110921	93262	AA407686	TC188246	Fus1 protein	Mm.21739
0	0	AA409261	null	null	null
11362	11586	AA409570	null	null	null
33757	22918	AI854706	TC206325	null	Mm.39100
17637	14311	AI854732	null	null	null
19101	13570	AI850930	null	null	Mm.40205
0	0	AI850965	TC188786	null	Mm.2866
70373	57290	AI854713	TC201178	SHD-1 protein	Mm.28413



27952	21336	AI850906	TC176635	null	Mm.22955
64581	47704	AI850939	TC210729	null	Mm.40896
0	0	AI850972	TC163377	null	Mm.24291
13321	12763	AI851563	TC210693	null	Mm.40925
7964	4709	AI851590	TC159249	null	Mm.31734
119550	99515	AI851426	TC162057	unnamed protein product	Mm.27700
66193	64383	AI851464	TC164888	null	Mm.37691
132910	120683	AI851569	TC190228	phosphatidylinositol 4-phospha	Mm.3191
53219	32398	AI851597	TC179833	null	Mm.44947
88506	61618	AI851434	TC159645	serine protease	Mm.7409
43487	35899	AI851472	TC177576	null	Mm.40360
70034	60039	AA409659	TC203539	null	Mm.27519
15977	20614	AA409851	TC175106	prolyl oligopeptidase	Mm.90005
0	0	AA407657	TC188462	null	Mm.16479
10701	8375	AA407398	null	null	null
335157	152758	AA409687	TC200194	cytochrome c	Mm.35389
52732	53379	AA409897	TC175507	null	Mm.3241
13130	7221	AA409604	TC159568	ATPase	Mm.29582
16256	10062	AA409964	TC204797	null	Mm.28695
9693	6849	AI854837	TC189346	null	Mm.19091
0	0	AI854869	TC188859	null	Mm.28898
0	0	AI854900	TC162356	null	Mm.41156
176142	180709	AI854680	null	null	null
52680	52423	AI854844	TC160303	null	Mm.30849
85290	82626	AI854878	TC200469	microtubule-associated protein	Mm.12625
78532	65828	AI854661	TC201067	clathrin-associated protein	Mm.2237
45417	44996	AI854688	TC174353	null	Mm.29259
178931	149516	AI851325	TC174672	AM2 receptor	Mm.7221
159799	133668	AI851359	TC158430	null	Mm.2632
41678	33677	AI851394	TC187200	null	Mm.27769
60259	49215	AI851537	TC201389	HNMP-1	Mm.20829
194254	148356	AI851333	TC187307	null	Mm.42110
216961	181768	AI851368	TC175858	null	Mm.41061
34544	29774	AI851522	TC193022	null	Mm.39898
89935	81406	AI851544	TC162196	asc1	Mm.35567
66998	49108	AA407454	TC173672	null	Mm.23877
16942	23445	AA407651	TC186457	histone H2a.1-F	Mm.22676
0	0	AA409270	TC192723	Wnt-6	Mm.2438
10557	7993	AA409500	TC202862	null	Mm.28696
127475	133476	AA407459	TC187194	null	Mm.17917
0	0	AA407708	null	null	Mm.34092
32900	23960	AA409269	TC163499	null	Mm.29252
128933	264945	AA409573	TC186425	null	Mm.3532
45170	46022	AI854707	TC201210	null	Mm.28244
0	0	AI854733	TC174932	null	Mm.41110
36313	23161	AI850932	TC201284	isovaleryl dehydrogenase precu	Mm.6635
40676	40136	AI850966	TC159965	CDC10	Mm.2858
49887	43254	AI854714	null	null	null
42943	32992	AI850907	TC210728	null	Mm.39637
78447	60306	AI850940	TC188494	Ese2 protein	Mm.40285
29374	28387	AI850973	TC179704	null	Mm.30598

223572	316630	AI851564	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
67553	67362	AI851591	null	null	Mm.39224
53077	57040	AI851427	TC174554	cAMP-dependent protein kinase	Mm.25594
200171	259085	AI851466	TC174231	Clast1	Mm.28385
56228	60629	AI851570	TC189345	null	Mm.34579
74603	63105	AI851598	TC173359	null	Mm.9852
0	0	AI851435	null	null	Mm.40536
89199	78694	AI851474	null	null	Mm.39648
0	0	AA409663	TC174512	F41	Mm.21673
224929	280703	AA409853	TC186508	null	Mm.14802
27965	23036	AA407659	TC175722	null	Mm.29241
31619	34277	AA409404	TC190541	beta-1,3-N-acetylglucosaminylt	Mm.100619
24220	17443	AA409725	TC174741	null	Mm.2133
100572	119519	AA409925	TC173729	deletion target in pancreatic	Mm.3632
45123	54364	AA409609	null	null	null
18725	39113	AA410041	TC174942	null	Mm.30060
531419	441462	AI854838	TC159770	14-3-3 epsilon	Mm.42972
106435	87802	AI854872	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
80286	72996	AI854901	TC158371	null	Mm.35837
55521	44499	AI854681	TC189909	HCMV-interacting protein	Mm.29022
13455	8127	AI854845	TC163911	null	Mm.35755
11384	9564	AI854879	TC176582	null	Mm.10038
0	0	AI854662	TC203442	null	Mm.29176
0	0	AI854689	TC175151	null	Mm.26589
22038	17106	AI851327	TC205979	null	Mm.39475
30623	17450	AI851361	null	null	null
0	0	AI851395	null	null	null
0	0	AI851538	TC204031	null	Mm.38118
0	0	AI851335	TC203687	null	Mm.19324
0	0	AI851370	TC173091	mtprd	Mm.3679
16991	13601	AI851523	TC181494	null	Mm.40354
36114	21785	AI851545	TC187380	testosterone induced transcrip	Mm.42240
12783	9565	AA407468	TC161989	Tssc6 protein	Mm.28172
0	0	AA407614	null	null	null
16610	15528	AA409273	TC162172	null	Mm.567
0	0	AA409440	null	null	Mm.12970
0	0	AA407467	TC174512	F41	Mm.21673
23899	22008	AA407720	TC201121	null	Mm.28679
0	0	AA409289	null	null	null
28944	25497	AA409575	TC200971	null	Mm.29809
48622	39410	AI854709	TC177477	null	Mm.31551
34580	24214	AI854734	TC170064	null	Mm.40545
38217	38525	AI850933	TC200348	null	Mm.34626
44215	26995	AI850967	TC174721	null	Mm.41903
61014	63782	AI854715	TC207019	null	Mm.31457
97323	55856	AI850908	TC187918	EAR2	Mm.2376
12538	10415	AI850941	TC163338	null	Mm.27261
49346	54620	AI850974	TC163334	null	Mm.38665
18563	15528	AI851565	TC160941	null	Mm.10641
56482	44371	AI851593	TC201854	PBX2	Mm.7103
114937	109142	AI851429	TC161129	ARL-6 interacting protein-6	Mm.37623

89516	98138	AI851468	TC186452	unknown	Mm.39896
73126	59494	AI851571	TC160721	null	Mm.43871
69952	82293	AI851397	TC159957	connexin 43	Mm.4504
51148	50014	AI851438	null	null	null
33244	24256	AI851475	TC201806	null	Mm.41442
0	0	AA409665	TC200298	null	Mm.29915
56491	22097	AA409822	TC164194	null	Mm.16802
42465	31588	AA407663	TC178875	null	Mm.3640
60121	73451	AA410142	TC175150	tyrosine kinase	Mm.21056
84549	76691	AA409735	TC175173	null	Mm.27520
0	0	AA409940	TC203983	null	Mm.27866
95133	67253	AA409796	TC174954	null	Mm.28709
34374	24389	AA410061	null	null	null
1055807	727962	AI854839	TC174352	null	Mm.29646
69960	73372	AI854873	TC160877	null	Mm.28225
42632	39039	AI854905	TC172839	null	Mm.39952
0	0	AI854682	TC191173	null	Mm.35017
28089	25943	AI854846	TC162511	null	Mm.18617
34814	25225	AI854880	TC201917	null	Mm.41769
43849	42155	AI854663	TC201096	null	Mm.3012
74547	60654	AI854690	TC163774	null	null
398677	208764	AI851328	TC189268	hydroxysteroid sulfotransferas	Mm.7316
221452	172485	AI851362	TC202755	null	Mm.32581
8377	8779	AI851396	TC205777	null	Mm.41246
174105	162978	AI851539	TC201001	null	Mm.24260
96594	86600	AI851336	TC200916	null	Mm.28794
106759	76660	AI851372	TC210698	null	Mm.40905
0	0	AI851524	TC189909	HCMV-interacting protein	Mm.29022
0	0	AI851546	null	null	null
18088	11516	AA407507	TC190025	transposase-like protein	Mm.28450
0	0	AA407615	null	null	Mm.100549
0	0	AA409278	TC160021	null	null
0	0	AA409442	TC191871	null	Mm.28894
0	0	AA407545	null	null	Mm.24461
0	0	AA407726	TC162714	null	Mm.34654
0	0	AA408066	TC202475	heparan sulfate D-glucosaminyl	Mm.100135
20720	19848	AA409580	TC172656	null	Mm.89182
167946	109620	AI854710	TC186996	null	Mm.29617
58756	55160	AI854735	TC191868	null	Mm.41234
35830	18954	AI850934	TC162140	null	null
0	0	AI850968	TC200611	Pig-o	Mm.32221
54874	55759	AI854716	null	null	Mm.42255
0	0	AI850909	TC163411	null	Mm.24634
41079	47290	AI850942	TC189334	null	Mm.45027
32252	25799	AI850976	TC162018	null	Mm.28410
47032	44259	AI851566	null	null	null
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40905	25484	AI851430	TC158997	p21	Mm.7414
53156	39707	AI851469	TC161934	null	Mm.27088
445589	449718	AI851572	TC205218	null	null
230392	231711	AI851400	TC161946	null	Mm.28661

194244	166699	AI851441	TC160279	proteasome subunit C9	Mm.30270
21891	19279	AI851476	TC174564	null	Mm.40671
131341	94023	AA409636	TC186578	EH domain-containing protein E	Mm.30169
51918	61237	AA409823	TC162902	null	Mm.24873
614858	939421	AA407905	TC186862	centrosomin B	Mm.2238
215068	204227	AA410145	TC174580	AZ2	Mm.2179
0	0	AA409766	TC208435	null	Mm.24471
92004	103309	AA409952	TC201029	nuclear protein	Mm.90339
33083	44546	AA409799	TC162868	COP9 complex subunit 7b	Mm.100138
2596605	1409412	AA410046	TC204298	null	null
47780	41391	AA408675	TC187239	null	Mm.28286
1493490	655536	AA408793	TC174311	dipeptidyl peptidase iv	Mm.1151
89039	85402	AA408763	TC202849	null	Mm.86644
32617	22604	AA409010	null	null	Mm.3739
22713	18462	AA408693	TC202044	null	Mm.29694
64373	24092	AA408470	TC189788	null	Mm.21557
133616	101606	AA408927	null	null	Mm.100140
21523	17294	AA409038	TC175520	null	Mm.28702
16406	17107	AW538416	TC168795	null	Mm.102552
5145	5942	AW538488	TC201165	null	Mm.25918
196723	142323	AW538541	TC174390	null	Mm.22621
30165	35837	AW538593	TC197010	null	null
0	0	AW538442	TC162908	null	Mm.19119
24015	20435	AW538501	TC178602	null	Mm.102554
145340	151983	AW538554	TC157727	kinesin heavy chain	Mm.43696
96263	83344	AW538605	TC173298	CA XIV	Mm.34556
17097	15123	AW539625	TC205118	null	Mm.35910
130225	113935	null	null	null	null
28753	24959	AW539820	TC161230	delta-aminolevulinic acid dehy	Mm.6988
343052	277422	AW540988	null	null	null
58736	40517	AW539640	TC162380	null	Mm.28629
603436	719521	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
403923	252863	AW540941	TC186554	null	Mm.400
299598	197314	AW541013	TC200172	null	Mm.7884
49220	43429	AA409133	null	null	Mm.29658
37779	30719	AA409339	TC161912	null	Mm.28371
0	0	AW537861	TC162392	null	Mm.24794
223450	182422	AW537933	TC202573	null	Mm.25322
25128	32232	AA409179	TC187158	hypothetical protein A	Mm.3752
0	0	AA409157	TC178127	null	Mm.46266
163104	146023	AW537875	TC173405	null	Mm.21062
627997	459040	AW537940	null	null	Mm.18041
32023	35903	AW538652	TC200437	null	Mm.25316
178495	166818	AW538707	TC158345	null	Mm.86915
16390	21518	AW538770	TC162058	cyclin F	Mm.4008
498783	407260	AW538840	TC203939	null	Mm.28937
86665	59014	AW538663	TC174204	null	Mm.2862
550032	561618	AW538729	null	null	null
198328	164342	AW538783	TC186924	ALG-2 interacting protein AIP1	Mm.29816
210712	150494	AW538853	TC173996	null	Mm.28957
0	0	AW541455	TC188054	null	Mm.29082

104551	95410	AW541501	TC186991	null	Mm.27818
82957	64692	null	null	null	null
128746	99570	AW542416	TC203319	null	Mm.5584
224874	172285	AW541470	null	null	Mm.45780
1926887	1557639	AW542312	null	null	null
525019	377930	AW542378	TC202428	null	Mm.5648
303360	244533	AW542434	TC160854	null	Mm.20353
83159	64044	AA408676	TC170991	null	null
89274	90100	AA408798	TC173279	NFE2-related factor 1	Mm.6743
277110	238367	AA408766	TC200063	null	Mm.65020
15894	15001	AA409016	null	null	null
37623	42422	AA408701	null	null	Mm.36182
9255	16668	AA408808	TC174508	null	Mm.18834
26021	26862	AA408929	TC199651	null	Mm.36552
16445	20586	AA409042	TC167467	null	Mm.27527
46466	60666	AW538432	TC200563	p116Rip	Mm.2402
93135	53288	AW538490	TC159928	null	Mm.22514
11602	10691	AW538543	TC196797	null	Mm.66309
30849	19610	AW538594	TC190692	null	Mm.37819
13540	9617	AW538444	TC161358	null	Mm.41910
142383	133251	AW538502	null	null	null
0	0	AW538555	null	null	null
506340	476598	AW538606	null	null	null
722560	719846	AW539631	TC159457	vacuolar adenosine triphosphat	Mm.10727
187325	155608	AW539759	TC200821	mitochondrial outer membrane p	Mm.20843
52788	46128	AW539821	TC173947	aurora-related kinase 1	Mm.11738
438067	288524	AW540989	TC158863	cytochrome c oxidase VIIc (AA	Mm.43786
120799	85945	AW539643	TC163966	null	Mm.26103
679430	788567	AW539780	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
292121	190858	AW540942	TC200930	phosphatidylinositol transfer	Mm.3128
0	0	null	null	null	null
24083	24809	AA409134	TC201787	null	Mm.27853
84502	73099	AA409340	TC189711	null	Mm.30866
16195	13383	null	null	null	null
155954	141578	AW537934	null	null	null
0	0	AA409213	null	null	Mm.24507
116211	104067	AA409161	TC157723	fascin	Mm.13194
144426	132034	AW537880	TC174780	null	Mm.21753
45194	34173	AW537941	TC203828	null	Mm.98228
117119	116163	AW538653	null	null	null
3044600	2038043	AW538715	TC160117	argininosuccinate synthetase (	Mm.3217
18562	9810	AW538772	TC207659	null	null
0	0	AW538845	TC161713	null	Mm.28964
53716	51221	AW538664	TC201431	protein arginine methyltransfe	Mm.41705
250273	233240	AW538730	TC160348	null	Mm.35844
52903	51489	AW538790	TC202730	null	Mm.26734
63636	70757	AW538857	TC177132	putative serine/threonine prot	Mm.25120
1651934	1065391	AW541458	TC200006	null	Mm.30133
266210	242427	AW541504	TC160810	gelatinase	Mm.4406
10135	13443	AW542359	TC190858	null	Mm.31816
284399	215267	AW542423	TC189501	null	Mm.46034

62796	63467	AW541471	TC173726	null	Mm.41374
531266	550525	AW542316	TC161902	null	Mm.27118
2089945	2070727	AW542384	null	null	null
1417594	1220331	AW542440	null	null	null
177906	142417	AA408677	TC157612	thioredoxin reductase 1	Mm.44552
26152	28608	AA408801	TC202485	orotidine-5'-monophosphate dec	Mm.802
0	0	AA408768	null	null	Mm.2108
148304	129088	AA409023	null	null	Mm.22660
0	0	AA408705	null	null	null
0	0	AA408815	TC176592	null	Mm.28863
12758	13700	AA408938	TC157225	null	Mm.866
11881	9788	AA409056	TC190136	null	Mm.3741
94321	125722	AW538436	TC158294	protein inhibitor of nitric ox	Mm.29908
999215	612196	AW538495	TC187191	null	Mm.45233
328165	420332	AW538545	TC158902	null	Mm.87266
38947	21071	AW538597	TC173918	null	Mm.38011
19717	10141	AW538451	TC187532	null	Mm.28481
182684	136201	AW538503	TC200618	null	Mm.27173
17693	14766	AW538557	TC197644	null	Mm.102557
59197	63182	AW538608	TC173486	clathrin-associated protein 19	Mm.833
601966	476797	AW539633	TC174489	eRFS	Mm.28882
355601	288178	AW539762	TC160161	Rab10	Mm.9455
1381895	1689585	AW540935	null	null	Mm.16820
122100	86369	AW540993	TC188641	null	Mm.1053
245127	211314	AW539644	TC189197	null	Mm.89683
149137	109672	AW539782	TC160286	Ndr1 related protein Ndr3	Mm.36775
32353	29721	AW540949	null	null	null
0	0	AW541418	TC175954	Nck-interacting kinase-like em	Mm.46745
33840	32152	AA408993	TC175544	null	Mm.24208
44082	39238	AA409341	TC161662	null	Mm.25581
484083	236683	AW537862	TC200418	null	null
0	0	AW537935	TC163028	null	Mm.28180
51450	36888	AA409216	null	null	Mm.1776
19067	10497	AA409368	TC172405	null	null
62052	80620	AW537882	TC159607	type 1 sigma receptor; mSigmaR	Mm.22745
78794	66960	AW537943	TC201067	clathrin-associated protein	Mm.2237
82420	97575	AW538656	TC190286	null	null
109633	77999	AW538719	TC175041	cyclin H	Mm.18474
356993	221513	AW538773	TC158927	null	Mm.44226
102685	91676	AW538849	TC201332	null	Mm.29174
0	0	AW538665	TC186957	null	Mm.3715
141787	113236	AW538732	TC174480	null	Mm.27206
288318	229475	AW538794	null	null	null
0	0	AW538858	TC165708	null	Mm.37850
30020	18836	AW541461	TC165457	null	Mm.80701
514177	447902	AW542303	TC203716	null	Mm.36585
2087270	1565086	AW542365	TC159522	ezrin	Mm.4551
135797	165669	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
29786	26208	AW541472	TC175034	annexin XI	Mm.1427
128349	153436	AW542318	TC200127	null	Mm.21559
131506	123453	AW542387	null	null	Mm.102700

355710	164984	AW542441	TC189187	null	Mm.17794
129687	106603	AA408678	TC186798	the third largest RNA polymera	Mm.2186
260446	342490	AA408802	TC199996	null	Mm.5290
36178	27999	AA408772	TC204069	null	Mm.76646
56802	46374	AA409025	null	null	null
78283	87844	AA408648	TC162001	null	Mm.25269
46230	38076	AA408817	null	null	Mm.3730
33343	36963	AA408915	TC173059	unnamed protein product	Mm.4271
138240	143449	AA409060	TC200268	null	Mm.21086
18898	10538	AW538437	TC187455	endonuclease-1	Mm.2952
131498	176490	AW538496	TC160869	onzin	Mm.34609
49726	57944	AW538547	TC174384	GATA-2 protein	Mm.1391
134016	117131	AW538599	null	null	null
0	0	AW538452	null	null	null
452814	575300	AW538507	TC206926	null	Mm.102555
0	0	AW538558	null	null	null
483114	332799	AW538610	null	null	Mm.102559
0	0	AW539634	TC187672	null	Mm.24576
151781	112578	AW539764	TC176133	null	Mm.11186
309802	258460	AW540938	TC173427	null	Mm.5885
83692	68339	AW540995	null	null	null
253091	230446	AW539647	TC158383	null	Mm.28000
47016	39704	AW539785	TC187627	null	Mm.29614
735108	517263	AW540951	TC197633	null	Mm.102633
123062	151353	AW541423	TC161950	null	Mm.36511
12152	18863	AA408997	TC187628	null	Mm.28063
978689	689215	AA409357	TC201843	CXCR-4	Mm.1401
96464	60390	AW537864	TC186708	iron response element binding	Mm.4927
299465	253665	AW537938	null	null	null
129932	106026	AA409218	TC201022	null	Mm.36879
0	0	AA409371	null	null	null
155655	168319	AW537887	TC173982	alien-like protein	Mm.3596
116439	91872	AW537947	TC189898	CLOCK	Mm.3552
214880	169927	AW538657	TC159269	null	Mm.28372
37014	44515	AW538723	TC201684	null	Mm.34564
344151	1104829	AW538776	TC157679	rbm3	Mm.2591
164327	137040	null	null	null	null
1444200	850976	AW538671	TC204419	collagen type V alpha 3 chain	null
42509	47202	AW538733	null	null	Mm.104498
291521	248003	AW538795	null	null	Mm.27656
2244364	2160781	AW538859	null	null	null
45958	30561	AW541464	TC175324	null	Mm.41245
25027	18228	AW542307	TC201315	putative G-protein	Mm.19080
16997	15342	AW542367	TC189244	null	Mm.31931
102188	131011	AW542425	TC186843	14-3-3 protein gamma	Mm.29717
1487638	2552656	AW541474	null	null	Mm.4907
100344	90986	AW542319	TC166127	null	Mm.100049
190676	186985	AW542388	TC162493	null	Mm.38783
524053	584966	AW542443	TC186628	membrane protein TMS-2	Mm.29344
32277	10905	AA408683	TC187568	null	Mm.21110
0	0	AA408467	TC157718	null	Mm.4691

0	0	AA408891	null	null	Mm.3735
166378	137813	AA409027	TC174086	null	Mm.28018
0	0	AA408650	TC166214	null	Mm.24500
0	0	AA408830	TC188442	null	Mm.4271
0	0	AA408942	TC160232	platelet-activating factor ace	Mm.24199
0	0	AA409043	TC187143	null	Mm.21409
0	0	AW538438	null	null	Mm.7277
0	0	AW538497	TC160101	Lectin (AA 1 - 135)	Mm.43831
0	0	AW538548	TC159895	null	Mm.30245
0	0	AW538600	TC202269	null	Mm.29972
0	0	AW538454	TC189304	RNA binding protein FMRIP	Mm.21138
0	0	AW538510	TC160860	null	Mm.35492
0	0	AW538560	TC174389	null	Mm.13705
0	0	AW538614	TC187891	null	Mm.26696
0	0	AW539636	TC187572	null	Mm.29747
38207	24930	AW539777	null	null	null
0	0	AW540939	TC186904	syndecan (AA 1-311)	Mm.2580
15205	11464	AW541000	TC211289	null	Mm.102635
0	0	AW539649	TC200675	null	Mm.28343
85845	350445	AW539788	TC173782	metallothionien II	Mm.89170
0	0	AW540953	TC174777	null	Mm.28840
0	0	AW541424	null	null	null
0	0	AA409087	TC191590	null	Mm.29302
189664	137229	AA409155	null	null	null
38901	36100	AW537867	TC160608	SEC23B protein	Mm.28704
831052	699650	AW537940	null	null	Mm.18041
0	0	AA409220	TC160678	null	null
110632	79542	AA409372	TC189871	null	Mm.24483
138789	161452	AW537891	TC176340	null	Mm.18456
135497	148503	AW537949	TC174391	null	Mm.28786
309011	450202	AW538658	TC205770	null	Mm.37248
176570	135577	AW538725	TC158216	null	Mm.20818
150042	138404	AW538779	TC176305	null	Mm.33131
17333	10311	AW538851	TC205856	null	Mm.44505
64944	74385	AW538673	TC192877	null	Mm.70141
239871	236552	AW538734	TC201404	null	Mm.29398
80511	78141	AW538796	TC164204	null	Mm.74658
649812	383448	AW538861	TC173735	null	Mm.30073
11606	10137	AW541466	TC164879	null	Mm.26068
185092	167201	AW542310	TC200330	null	Mm.23929
174739	182897	AW542372	TC176050	S100 calcium-binding protein A	Mm.6523
337951	411575	AW542428	TC186808	adhesion regulating molecule A	Mm.28353
766204	1275936	AW541476	TC200019	null	Mm.28370
141136	323032	AW542320	TC210002	null	Mm.39607
139877	125952	AW542391	TC191996	null	Mm.25468
170761	192978	AW542445	TC187431	null	Mm.33853
79245	91007	AA408689	TC174755	null	Mm.33883
457724	536866	AA408469	TC174665	null	Mm.29605
18713	23856	AA408924	TC158357	pelle-like protein kinase	Mm.38241
296699	222114	AA409031	TC160827	null	Mm.27733
14113	25205	AA408654	TC191541	null	Mm.3590



25223	27670	AA408834	TC201899	null	Mm.28879
0	0	AA408944	null	null	Mm.100534
185948	213595	AA409051	TC186716	3SG protein	Mm.25622
77985	61875	AW538439	TC190194	HS1 binding protein 3	Mm.41098
49046	48438	AW538500	TC164473	ZFP265	null
43376	53045	AW538550	TC187666	HNF-3/fork-head homolog-1	Mm.455
145163	119393	AW538602	TC200582	null	Mm.29455
0	0	AW538455	TC178951	null	Mm.100633
24888	19011	AW538515	TC157719	prenidogen (AA -28 to 1217)	Mm.4691
60374	43732	null	null	null	null
335391	180384	AW538618	TC163438	null	Mm.28857
134042	127281	AW539639	null	null	Mm.2944
25577	21355	AW539778	TC207617	null	Mm.103348
43291	43923	AW540940	TC180467	null	Mm.102655
13015	10089	AW541003	TC159768	null	Mm.30851
104040	122607	AW539653	TC207771	null	null
53026	26807	null	null	null	null
27274	23075	AW540955	TC189618	null	Mm.38743
22342	21624	AW541426	TC189330	null	Mm.28204
0	0	AA409174	null	null	null
36569	34393	AA409156	null	null	Mm.24509
67558	80081	AW537868	TC174693	null	Mm.27750
772649	672114	AW537940	null	null	Mm.18041
0	0	AA409201	null	null	null
0	0	AA409373	TC203598	null	Mm.22139
261458	238160	AW537892	null	null	null
1125209	837452	AW537950	TC160293	null	Mm.34832
147950	151282	AW538660	TC163270	null	Mm.11285
658908	656257	AW538726	null	null	Mm.102562
122101	103340	AW538782	null	null	null
288071	377803	AW538852	TC159918	null	Mm.2756
107657	90970	AW538674	TC175565	null	Mm.6960
395200	426289	AW538736	null	null	null
0	0	AW538800	null	null	null
69873	54294	AW538862	TC187325	null	Mm.29503
129405	83354	AW541468	TC173520	null	Mm.29849
120535	125526	AW542311	TC189608	null	Mm.9239
583508	812117	AW542375	TC174407	N-acetylglucosamine (beta1-4)	Mm.100115
163125	162490	null	null	null	null
327089	351440	AW541478	TC157952	null	Mm.28852
698165	831372	AW542322	null	null	null
34853	24634	AW542393	null	null	null
2310925	2422247	AW542449	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
19104	15551	AW543942	TC176091	nuclear respiratory factor-1	Mm.24151
0	0	AW544007	TC160899	null	Mm.38173
143682	84519	AW544084	TC160536	null	Mm.28952
17476	19613	null	null	null	null
29204	30574	AW543959	null	null	null
25368	19657	AW544018	null	null	Mm.22702
930976	751295	AW544100	null	null	Mm.102739
22781	16205	AW544164	null	null	null

251031	208853	AW545127	TC203156	null	Mm.40796
19645	14550	AW545234	TC201453	null	Mm.34675
42021	24783	AW545301	TC160073	aspartyl aminopeptidase	Mm.24680
38383	26680	AW545347	TC162203	null	Mm.41622
39964	37778	AW545159	TC187467	null	Mm.87437
0	0	AW545257	TC189980	PRP precursor (aa -25 to 219)	Mm.3258
309477	240929	AW545312	TC186545	null	Mm.21905
187376	231351	AW545358	TC174851	null	Mm.19031
244898	118271	AW536333	TC173200	null	Mm.2140
56504	57681	AW536404	TC200032	brain expressed X-linked prote	Mm.14768
22693	16903	AW536443	TC191421	WNT-2	Mm.33653
25525	18533	AW536482	TC161469	hydrophilic protein	Mm.2948
219414	196655	AW536416	TC189081	Ki-67	Mm.4078
15692	12432	null	null	null	null
65467	53997	null	null	null	null
25460	21462	AW544216	TC203326	alpha-adaptin (A) (AA 1-977)	Mm.6877
29544	13048	AW544281	TC162524	ASC-1	Mm.27462
48609	40480	AW544350	TC160728	null	Mm.7906
85063	73856	AW544408	TC187318	mitotic checkpoint protein BUB	Mm.927
147270	123919	AW544238	null	null	Mm.102744
39716	31736	AW544304	TC176338	null	Mm.21492
0	0	AW544362	TC173635	coronin-2	Mm.28652
51483	35205	null	null	null	null
127112	72342	AW545415	null	null	null
394312	310934	null	null	null	null
8769	9088	null	null	null	null
101241	88427	null	null	null	null
30633	22529	AW545434	TC200279	null	Mm.41699
72544	66074	AW545583	TC157269	null	Mm.15974
542399	541292	AW545645	TC159944	tropomyosin 5	Mm.17306
40137	40726	AW545764	TC202960	null	Mm.39006
80980	74433	AW536533	TC201577	TFIID	Mm.43711
143559	123366	AW536586	TC203975	null	Mm.73361
702544	572682	AW536641	TC186991	null	Mm.27818
0	0	AW536706	TC159742	Tat binding protein-1	Mm.20946
1585563	1118521	AW536544	TC159803	ARF1	Mm.6836
9499	9457	AW536600	TC162005	null	Mm.28834
333501	392411	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
0	0	AW536719	TC205651	null	Mm.25995
33497	27537	AW543944	TC160552	null	Mm.29067
68953	76566	AW544008	TC173453	Clcn3 (chloride channel 3)	Mm.28842
88301	88642	AW544088	TC161107	null	Mm.21065
21854	21747	AW544148	TC158678	null	Mm.35123
160610	122241	AW543960	null	null	Mm.102734
13541	9090	AW544022	TC160705	null	Mm.27695
12598	12124	AW544107	TC203070	tumor rejection antigen P815A	Mm.1297
30864	32438	AW544165	TC188919	null	Mm.29886
138840	331636	AW545135	TC174457	null	Mm.34526
77057	64098	AW545236	TC173923	null	Mm.27332
340190	349837	AW545303	null	null	Mm.102784
0	0	AW545349	TC203310	null	Mm.27697

31676	27330	AW545162	TC189448	null	Mm.1828
63547	54235	AW545262	TC201139	null	Mm.4449
364762	434191	AW545313	TC200135	CCTeta, eta subunit of the cha	Mm.914
96608	79373	AW545359	TC174955	null	Mm.25558
152939	142093	AW536335	TC159893	C6-I proteasome chain; PSMA7	Mm.21728
4681	4714	AW536406	null	null	null
29895	28957	AW536445	TC176200	null	Mm.27651
0	0	AW536486	TC178690	null	Mm.100765
91760	116673	AW536348	TC175631	null	Mm.29203
51165	56505	AW536417	TC187276	null	Mm.86453
16980	20161	AW536452	TC201919	null	Mm.26885
100819	82984	AW536499	null	null	null
100096	85093	AW544217	TC174173	null	Mm.27170
104372	110799	AW544285	TC186848	inhibitory G protein of adenyl	Mm.4284
37348	33539	AW544351	TC201433	KAP3A	Mm.4651
156852	185447	AW544412	TC199918	null	Mm.40068
21269	14372	AW544239	TC203439	null	Mm.57255
533306	438447	AW544308	TC173701	mDj11	Mm.22244
52789	44372	AW544366	TC173766	null	Mm.30272
0	0	AW544435	TC192759	EPCS68	null
90401	125937	AW545419	TC158711	null	Mm.88548
80376	79622	AW545564	TC174657	null	Mm.27890
12328	5676	AW545633	TC160713	TFIIH transcription/DNA repair	Mm.10182
539228	438214	AW545686	null	null	null
41941	32753	null	null	null	null
71540	64182	AW545585	TC177332	null	Mm.23575
522909	550241	AW545645	TC159944	tropomyosin 5	Mm.17306
61173	58568	AW545777	TC159832	proteasome subunit C2	Mm.30097
136345	161485	AW536536	TC162165	alpha-catenin related protein	Mm.25400
166250	124369	AW536587	TC161515	muskelin	Mm.20930
601196	433559	AW536643	TC158185	glutathione peroxidase	Mm.1090
118817	117003	AW536708	TC186796	null	Mm.27357
35287	34858	AW536547	TC160925	null	Mm.29424
25142	31773	AW536604	TC204273	null	null
312862	375534	AW536663	TC200135	CCTeta, eta subunit of the cha	Mm.914
12210	8830	AW536721	TC173425	Phosphatidic acid phosphatase	Mm.2598
170739	158450	AW543947	null	null	null
13326	84197	AW544009	TC176310	null	Mm.41538
249612	178783	AW544089	TC200659	null	Mm.29998
69112	56833	AW544149	TC159051	ubiquitin fusion-degradation 1	Mm.1830
13125	7706	AW543965	TC157823	null	Mm.35105
1675307	1043253	AW544025	TC174352	null	Mm.29646
134869	109815	null	null	null	null
112387	102939	AW544168	TC163575	null	Mm.30876
975254	531321	AW545138	TC187899	null	Mm.26392
365972	391639	AW545241	TC159944	tropomyosin 5	Mm.17306
399715	272686	AW545304	TC173516	null	Mm.24463
50478	60693	AW545351	TC161294	p33 RSP-1	Mm.905
0	0	AW545173	TC205083	null	Mm.100640
78241	57456	AW545266	TC187795	D7H11orf15 protein	Mm.35680
254780	229975	AW545314	TC161947	FIN16 gene product	Mm.2999

28105	20234	AW545363	TC187220	null	Mm.41043
50110	264543	AW536336	TC159456	stearoyl-CoA desaturase 2	Mm.298
19805	15658	null	null	null	null
31430	27438	AW536446	TC173298	CA XIV	Mm.34556
24315	18886	AW536488	TC157919	null	Mm.103606
117143	126355	AW536349	TC189405	null	Mm.41166
27645	38834	AW536418	TC160471	p93	Mm.34248
41442	28221	null	null	null	null
142148	110027	AW536500	TC159016	null	Mm.35808
139507	88946	AW544226	null	null	Mm.34775
41168	268044	AW544289	TC202708	null	Mm.22260
85789	54613	AW544356	TC161069	null	Mm.38607
86957	115201	AW544418	TC186828	null	Mm.24745
70756	58033	AW544241	TC160705	null	Mm.27695
3049804	2099147	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
39703	33890	AW544369	TC176892	null	Mm.23594
97673	90094	AW544437	TC188910	null	Mm.22582
120857	117747	AW545420	TC200741	signal recognition particle su	Mm.89927
466261	407542	AW545565	TC187420	galactokinase	Mm.2820
198365	186492	AW545634	TC188120	Trp4-associated protein TAP1	Mm.27942
66982	62003	AW545696	TC174567	null	Mm.25559
68489	52207	AW545445	TC176348	null	Mm.29389
35985	46073	AW545586	TC200481	beta-glucuronidase	Mm.3317
96780	86487	AW545652	TC160205	ubiquitin like protein	Mm.196
72012	64936	AW545778	TC180810	null	Mm.89921
162597	124926	AW536538	TC174138	null	Mm.29904
17750	16075	AW536591	null	null	null
321836	266411	AW536647	TC200674	null	Mm.27107
9906	22264	AW536712	TC173609	null	Mm.4502
2410527	2964423	AW536552	null	null	Mm.102505
351487	221192	AW536605	TC165898	null	Mm.102508
98646	79556	AW536664	TC175629	transmembrane protein 2	Mm.26702
102575	149497	AW536723	TC173194	null	Mm.29815
34110	28446	AW543952	TC189347	null	Mm.30455
21075	20502	AW544013	TC197036	null	Mm.102717
23105	19832	AW544093	TC175234	ABC transporter	Mm.28663
56607	45871	AW544153	TC160567	null	Mm.21919
1094168	840471	AW543967	TC190333	null	Mm.31345
224379	161841	AW544026	TC204383	null	Mm.103409
17330	15572	null	null	null	null
223177	172341	AW544170	TC159885	Lasp-1	Mm.21387
103310	217957	AW545145	TC187110	null	Mm.38279
596274	460614	AW545246	TC186518	null	Mm.21966
108828	104731	AW545306	TC173770	null	Mm.13823
147631	195199	AW545354	TC187921	sid2057p	Mm.24231
0	0	AW545175	TC173294	metastasis associated protein	Mm.25339
90285	72123	AW545267	TC160630	null	Mm.29608
200156	175842	AW545316	TC177896	null	Mm.87290
190123	222793	AW545365	TC160208	null	Mm.22667
119497	112333	AW536337	TC174256	actin-related protein 11	Mm.29317
215588	281981	AW536410	TC186421	TGF-beta receptor binding prot	Mm.18921

494248	641286	AW536447	null	null	null
22774	16431	AW536489	TC178156	null	Mm.82580
35860	35637	AW536354	TC175814	null	Mm.9856
55160	49357	AW536419	TC189366	null	Mm.41591
371834	173996	AW536456	TC173404	succinate dehydrogenase lp sub	Mm.29141
43260	31552	AW536501	TC191020	null	Mm.45101
34773	31143	AW544229	TC187491	null	Mm.30243
550663	586735	AW544294	TC159871	null	Mm.27560
277218	173350	AW544358	TC201385	null	Mm.39297
50039	45505	AW544421	TC187843	A6 protein tyrosine kinase hom	Mm.100827
119308	63253	AW544248	null	null	null
2166842	1583420	AW544311	TC159560	cytoskeletal beta-actin	Mm.297
84707	63081	AW544370	TC157979	null	Mm.103456
23146	20724	AW544438	null	null	Mm.104502
188381	162599	AW545422	null	null	null
710627	647441	AW545567	null	null	null
73067	68850	AW545635	TC187098	null	Mm.27235
0	0	AW545697	TC157710	unnamed protein product	Mm.21514
121500	117487	AW545446	TC176106	SH3 domain-containing adapter	Mm.20882
30395	42422	AW545587	TC160336	null	Mm.29586
41006	37397	AW545653	TC186829	null	Mm.21873
30436	30559	AW545783	TC165651	null	Mm.39867
50943	67390	AW536539	TC174755	null	Mm.27743
715784	737799	AW536592	TC186746	D-type cyclin	Mm.3141
223175	204104	AW536649	TC201239	null	Mm.21773
8190	10701	AW536713	TC190584	null	Mm.33831
0	0	AW536553	TC190345	null	Mm.27333
1160637	733090	AW536606	TC160238	DnaJ-like protein	Mm.27897
408812	441028	AW536666	TC186487	non-histone chromosomal high-m	Mm.16421
45983	41643	null	null	null	null
0	0	AW543953	TC201346	null	Mm.30208
85003	74092	AW544015	TC175122	null	Mm.18520
0	0	AW544095	TC186874	lamin C2	Mm.3438
51150	54486	AW544155	TC186858	FBP 21	Mm.20938
0	0	AW543969	TC200643	putative membrane associated p	Mm.9052
0	0	AW544029	null	null	Mm.28780
0	0	AW544111	TC188551	null	Mm.21532
50516	56849	AW544172	TC178154	null	Mm.102767
0	0	AW545152	TC187081	null	Mm.44227
32727	29438	AW545249	TC161313	null	Mm.28776
0	0	AW545310	TC173335	pendulin	Mm.12508
0	0	AW545355	TC187809	null	Mm.59950
0	0	AW545177	TC211347	null	Mm.102779
0	0	AW545272	null	null	null
0	0	AW545317	null	null	null
34146	30681	AW545369	TC191649	null	Mm.83632
56669	63886	AW536340	TC189553	Mess1	Mm.90272
59115	56147	AW536411	TC175597	null	Mm.29721
0	0	AW536449	TC200371	null	Mm.2500
24030	21882	AW536490	TC200946	ISOT	Mm.3571
22342	23801	AW536356	TC188982	Daxx	Mm.28118

52275	72994	AW536420	TC173332	phosphofructokinase	Mm.1166
0	0	AW536457	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
129928	98010	AW536502	TC173946	null	Mm.29308
54192	37330	AW544232	TC175800	null	Mm.17359
27676	23152	AW544296	TC186792	LNR42	Mm.27728
59147	58467	AW544359	TC174193	pre P-cadherin (AA -27 to 795)	Mm.4658
94571	79214	AW544430	TC187677	null	Mm.23824
43469	29616	AW544249	TC177073	null	Mm.39963
78106	94996	AW544314	TC160798	formin binding protein 11	Mm.87658
0	0	AW544371	TC173154	dead-box RNA helicase	Mm.18459
148011	86790	AW544440	TC188761	null	Mm.24647
108453	119318	AW545424	TC160408	null	Mm.34570
20782	24936	AW545568	TC158937	ctla-2-beta protein (141 AA)	Mm.22715
108827	124024	AW545639	TC200133	A10	Mm.16898
60427	45334	AW545698	TC176581	null	Mm.25649
71212	43584	null	null	null	null
71299	55283	AW545588	TC188958	null	Mm.37567
243706	177322	AW545655	TC161996	null	Mm.63425
0	0	AW545785	TC190411	null	Mm.46758
301234	438682	null	null	null	null
214022	212728	AW536594	TC163383	null	Mm.1896
41840	51094	AW536656	TC202788	short chain acyl-CoA dehydroge	Mm.18759
46590	35263	AW536714	TC165167	null	Mm.100605
66119	50287	AW536559	null	null	Mm.102506
550773	722387	AW536609	TC186862	centrosomin B	Mm.2238
360481	383021	null	null	null	null
343787	280731	AW536726	TC160856	aminopeptidase	Mm.29824
88369	90406	AW543954	TC173462	ubiquitin-homology domain prot	Mm.7353
46740	40996	AW544017	null	null	Mm.2632
156693	138630	AW544098	TC186827	mitogen-activated protein kin	Mm.30629
58163	49749	AW544157	TC202132	transcription factor NF-YC sub	Mm.27220
167666	276193	AW543971	TC157751	null	Mm.21679
215528	225441	AW544036	null	null	null
27594	42928	AW544115	TC200259	null	Mm.4290
251997	264208	AW544177	TC157735	transgelin	Mm.22632
53274	39395	AW545158	TC161115	null	Mm.25157
533015	258448	AW545252	TC187964	null	Mm.21623
62464	52768	AW545311	TC164814	null	Mm.80584
179404	236324	AW545357	null	null	null
0	0	null	null	null	null
64496	59199	AW545274	TC187260	null	Mm.31630
195400	261090	AW545318	TC160139	proliferating cell nuclear ant	Mm.7141
32661	50914	AW545371	TC159155	null	Mm.35481
43231	37294	AW536342	TC200556	null	Mm.28892
76529	67387	AW536415	TC189643	null	Mm.34200
39548	56382	AW536450	TC164481	null	Mm.41855
45923	43765	AW536492	TC158353	cyclin E2	Mm.22136
459766	563245	AW536359	TC173296	null	Mm.11204
276278	504823	AW536421	null	null	null
33914	35352	AW536458	null	null	null
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15197	12641	AW544236	TC176515	prolactin-like protein M	Mm.23585
84895	56388	AW544299	TC160269	unknown	Mm.396
457953	428032	null	null	null	null
147906	138102	AW544431	TC200490	null	Mm.36900
24926	22221	AW544251	null	null	null
36682	34414	AW544317	TC186700	proteasome subunit iota	Mm.30210
62223	108978	AW544372	TC187357	null	Mm.28053
0	0	AW544441	TC189899	null	Mm.27143
101482	87761	AW545427	TC176537	null	Mm.27268
114931	77619	AW545573	TC158464	IL-2 receptor gamma precursor	Mm.2923
78041	41049	AW545641	TC160313	null	Mm.730
47262	39676	AW545699	TC187915	serine/threonine phosphatase	Mm.849
16801	17325	AW545451	TC157845	null	Mm.41801
1069724	658266	AW545589	TC175978	prediabetic NOD sera-reactive	Mm.18805
0	0	AW545656	TC200664	placental lactogen	Mm.30271
178679	149432	AW545786	null	null	null
48560	51833	AW536542	TC157369	null	Mm.100588
1007156	1062939	AW536599	TC160219	14-3-3 eta protein	Mm.3308
178091	190187	AW536657	TC173866	null	Mm.29856
46832	33258	AW536715	TC177195	null	Mm.45342
37770	38282	AW536563	TC202192	null	Mm.21637
559065	1163469	AW536614	TC161186	null	Mm.22260
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166063	251746	AW536727	TC188273	null	Mm.16976
321934	233683	AW537100	TC176148	natural resistance associated	Mm.1304
86031	69390	AW537174	null	null	Mm.29888
1467363	1099568	AW537218	TC187147	p53 apoptosis-associated targe	Mm.28209
197170	196571	AW537265	TC158551	null	Mm.41651
224349	292735	AW537114	TC160312	null	Mm.28291
265086	186312	AW537187	null	null	null
127928	118242	AW537232	TC163821	null	Mm.41508
62908	59637	AW537279	TC200038	myristoylated alanine-rich C-k	Mm.30059
49413	31264	C76152	TC201306	null	Mm.27792
0	0	C76223	null	null	null
22367	2180	C76308	TC201349	null	Mm.27182
0	0	C76411	null	null	null
22966	15599	C76166	null	null	Mm.28004
575423	402566	C76256	TC202466	null	Mm.29023
19002	19471	C76325	null	null	Mm.34928
34652	35275	C76444	TC187546	SKD2	Mm.1117
9841	11406	C77497	TC174441	null	Mm.27828
0	0	C77557	null	null	null
10219	12062	C77617	null	null	null
149775	147553	C77685	TC201933	null	Mm.25743
0	0	C77519	null	null	null
68570	51359	C77575	TC191198	null	Mm.22107
19956	13666	C77631	null	null	null
12426	11146	C77701	null	null	null
38875	32818	AW537329	TC174734	null	Mm.26168
155467	117037	AW537380	TC203533	null	Mm.21081
53586	45577	AW537427	TC159943	Tum-P91A antigen	Mm.12194

48126	39487	null	null	null
404214	441083	AW537342	null	Mm.1776
79276	102668	AW537395	TC187093	E6-AP ubiquitin protein ligase Mm.9002
651099	480410	AW537453	TC173646	beta prime coatomer protein Mm.18729
13522	5338	null	null	null
313505	259017	C76488	TC158918	UbcM4 protein Mm.3074
0	0	C76608	TC177305	null Mm.35597
35655	30350	C76712	TC176267	null Mm.34131
6518	2154	C76804	null	null
17348	17587	C76514	TC175522	secretory protein containing t Mm.1421
0	0	C76643	null	Mm.5519
14971	12814	C76746	TC188305	null Mm.24563
0	0	C76817	null	null
0	0	C77761	TC204017	null Mm.27619
32365	25867	C77847	null	null
47220	37647	C77948	null	null
17669	11281	C78014	TC185598	null Mm.63506
64566	61741	C77786	TC169756	null Mm.24969
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206361	156841	C77959	TC189349	syntaxin 3A Mm.5122
23122	22090	C78030	null	null
315330	342814	AW537102	TC160752	null Mm.27804
276909	344261	AW537176	TC160173	deubiquitinating enzyme Mm.26234
310541	326125	AW537219	TC187454	null Mm.24092
15065	14045	AW537267	TC191769	null Mm.87741
737130	629553	AW537120	null	null
0	0	AW537188	TC159439	protein 41 null
879582	525045	AW537237	TC173114	ARL-6 interacting protein-1 Mm.29924
278425	270200	AW537281	TC174679	null Mm.27611
24787	22340	C76153	null	null
54604	63014	C76229	TC161135	null Mm.28932
0	0	C76309	null	null
16437	12019	C76420	null	null
506569	309003	C76167	TC173223	cytochrome c oxidase subunit I Mm.2136
55803	50733	C76257	null	Mm.24899
35386	30377	C76329	null	null
0	0	C76450	null	null
96424	105482	C77498	TC204170	null Mm.24956
7324	4499	C77559	TC201018	null null
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25817	18301	C77687	TC176336	null Mm.28252
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11609	11229	C77576	null	null
0	0	C77645	TC166224	null Mm.35124
67978	38193	C77703	TC201290	GTP binding protein Mm.1597
178033	224183	AW537330	TC200521	null Mm.28839
24636	17804	null	null	null
86697	83238	AW537432	TC158328	ring-box protein 1 Mm.29405
115677	103474	AW537497	TC161168	null Mm.8903
337041	256215	AW537344	TC189489	null Mm.30648
142505	104620	AW537398	TC160977	vacuolar adenosine triphosphat Mm.20476



281335	270596	AW537454	TC159926	null	Mm.27344
183015	118113	AW537505	TC186688	3-hydroxy-3-methylglutaryl-CoA	Mm.22668
26179	29285	C76489	null	null	Mm.24912
18530	20061	C76610	TC190824	null	Mm.85763
0	0	C76714	null	null	Mm.103682
0	0	C76805	TC187662	myosin light chain	Mm.43
30688	18562	C76523	TC161997	null	Mm.5510
218255	219215	C76660	TC200550	null	Mm.25787
62582	58949	C76747	TC175057	null	Mm.34514
18459	13597	C76818	TC188643	endomucin	Mm.27343
32133	30574	C77766	TC161703	null	Mm.26609
77423	71840	C77855	TC201162	null	Mm.26740
24769	17626	C77949	null	null	null
40925	36299	C78021	null	null	null
0	0	C77787	TC176896	episialin	Mm.16193
18158	16307	C77872	null	null	null
0	0	C77960	null	null	null
13059	15547	C78031	TC161938	null	Mm.27851
49551	45481	AW537108	TC190560	precursor laminin A chain ( AA	Mm.243
107529	135101	AW537177	TC173504	HP1 alpha protein	null
409066	392421	AW537221	TC161538	null	Mm.5378
111664	113789	AW537268	TC160519	guanine nucleotide exchange fa	Mm.29128
125280	42565	AW537122	TC176223	null	Mm.7326
51226	49439	AW537190	TC187521	null	Mm.28378
926169	640890	AW537243	TC186867	vacuolar adenosine triphosphat	Mm.29045
204929	128069	AW537286	TC204206	null	Mm.77702
15809	15757	C76156	null	null	Mm.103182
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76543	71615	C76314	TC174076	null	Mm.27989
7941	6782	C76424	null	null	null
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59638	62681	C76331	null	null	Mm.24902
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45788	36516	C77501	TC201544	null	Mm.35121
21023	26313	C77560	TC204183	null	Mm.72994
418108	375415	C77621	TC173614	null	Mm.21684
18750	16631	C77689	null	null	null
32973	37411	C77521	null	null	null
16800	27554	C77577	TC173657	null	Mm.22456
58377	60900	C77648	null	null	null
0	0	C77704	null	null	null
247748	216998	AW537331	TC204838	null	Mm.41937
315931	238918	AW537382	TC202337	null	Mm.27852
35490	36808	AW537445	TC159913	null	Mm.27429
219895	256776	AW537499	TC163290	null	Mm.45286
2067662	933710	AW537347	TC201555	null	Mm.21108
50487	47745	AW537400	TC158011	null	Mm.38222
333601	272865	AW537455	null	null	Mm.8302
47005	57080	AW537506	TC200861	PATZ	Mm.30714
58317	55149	C76493	null	null	null

38666	39155	C76615	null	null	null
17586	14909	C76732	null	null	null
94644	92253	C76806	TC189927	null	Mm.45992
813648	383850	C76527	TC175595	diacylglycerol acyltransferase	Mm.22633
31306	23386	C76662	null	null	null
44379	38977	C76749	null	null	null
19101	15084	C76819	TC180996	null	Mm.5540
24643	18232	C77772	TC157296	null	Mm.78093
111860	120085	C77858	TC203357	null	Mm.27184
51895	49027	C77950	null	null	null
155237	190782	C78022	TC201262	null	Mm.33394
9866	11762	C77788	null	null	null
6693	8224	C77874	TC172317	null	Mm.24973
40704	36373	C77964	TC206659	null	Mm.36430
158102	120911	C78036	TC203496	null	Mm.22344
287955	311057	AW537110	null	null	null
15561	15091	AW537179	TC174822	Doc2	Mm.43681
96663	119990	AW537224	TC189374	null	Mm.24069
47763	47137	null	null	null	null
133146	121799	AW537125	TC175548	null	Mm.76059
438872	583461	AW537192	TC188298	null	Mm.30699
685958	449096	AW537244	null	null	Mm.10530
13475	12010	AW537287	TC160515	null	Mm.34388
727182	416740	C76157	null	null	null
39054	30272	C76233	TC172890	null	Mm.100060
0	0	C76316	null	null	null
16581	10489	C76428	null	null	Mm.5491
293913	333809	C76173	TC160619	protein-tyrosine-phosphatase	Mm.27122
504769	555568	C76261	null	null	Mm.24900
621163	685790	C76332	null	null	Mm.24903
106479	98672	C76453	null	null	null
211737	224924	C77513	TC187299	G protein gamma 5 subunit	Mm.21955
18319	19626	C77563	null	null	null
34468	27569	C77623	null	null	null
48662	50679	C77691	TC212561	null	Mm.24964
36407	39112	C77522	null	null	null
72257	50568	C77579	TC200367	cellular repressor of E1A-stim	Mm.459
42196	27212	C77649	null	null	null
39191	35697	C77710	null	null	null
224351	217727	AW537334	TC186810	null	Mm.21132
146376	131133	AW537390	null	null	Mm.102524
492922	503411	AW537446	TC157649	transcription factor S-II	Mm.87235
238536	195912	AW537499	TC163290	null	Mm.45286
141101	148447	AW537349	TC202950	null	Mm.25188
300019	256039	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
0	0	AW537457	null	null	null
109681	141873	AW537507	TC200064	high mobility group protein ho	Mm.340
83871	68869	C76498	TC177913	null	Mm.44322
13283	11874	C76628	null	null	Mm.5518
0	0	C76736	null	null	null
80103	58094	C76810	TC187100	TNF-alpha converting enzyme pr	Mm.27681

38322	25701	C76533	null	null	Mm.13212
69762	68908	C76664	null	null	null
800882	1170503	C76750	TC199957	TIS	Mm.27927
297105	300065	C76820	TC162261	null	Mm.22270
165911	152975	C77773	TC187182	LNXP70	Mm.24084
90229	73531	C77860	null	null	null
0	0	C77952	TC202037	null	Mm.29043
34910	38179	C78024	null	null	null
0	0	C77789	TC186951	null	Mm.21455
22977	17694	C77876	null	null	null
79007	132361	C77965	TC161537	aldose reductase-related prote	Mm.5378
0	0	C78037	null	null	Mm.5668
0	0	AW537111	TC204505	T	Mm.913
997452	1194469	AW537185	TC202054	null	Mm.1947
0	0	AW537225	TC159002	RAD54	Mm.3655
0	0	AW537276	TC163216	cripto	Mm.5090
0	0	AW537126	TC200524	chromatin nonhistone high mobi	Mm.4438
0	0	AW537194	null	null	null
0	0	AW537247	TC199996	null	Mm.5290
0	0	AW537288	null	null	null
0	0	C76158	TC191611	null	Mm.25272
49685	69683	C76242	null	null	null
43983	45656	C76318	TC173376	null	Mm.34296
145943	142287	C76431	null	null	null
0	0	C76174	TC207562	null	Mm.36526
0	0	C76269	null	null	null
0	0	C76333	TC173151	cystatin C	Mm.4263
34982	35465	C76454	null	null	null
75612	67923	C77517	null	null	Mm.18137
0	0	C77571	TC160236	G protein beta 36 subunit	Mm.30267
0	0	C77626	null	null	null
0	0	C77692	null	null	Mm.24965
0	0	C77523	null	null	null
0	0	C77580	null	null	null
192302	172141	C77651	null	null	null
0	0	C77712	TC173427	null	Mm.37061
63991	58226	AW537338	TC173209	null	Mm.29931
448296	502660	AW537392	TC186864	null	Mm.28976
163030	146536	AW537449	TC161287	null	Mm.21864
335200	276892	AW537501	TC157732	null	Mm.22179
150323	127820	AW537352	TC177388	preprothyrotropin-releasing ho	Mm.1363
405962	354527	AW537401	TC173068	M2-type pyruvate kinase	Mm.2635
82644	46922	AW537458	TC203738	null	Mm.91081
146363	162688	AW537510	TC200362	ablphilin-1	Mm.695
231642	195950	C76499	TC176716	null	Mm.36822
51630	45324	C76631	null	null	null
61154	43006	C76739	null	null	Mm.24920
24635	22952	C76812	null	null	null
22669	19613	C76534	TC200788	ABC transporter	Mm.22759
34054	44434	C76668	TC169364	null	null
78663	49030	C76751	null	null	null

13608	18205	C76824	null	null	null
0	0	C77776	null	null	Mm.5650
744278	806262	C77861	TC190103	null	Mm.24972
23247	19860	C77955	null	null	null
11809	14944	C78025	TC203119	null	Mm.46000
15158	13506	C77794	null	null	null
0	0	C77889	TC157883	ubiquitin-conjugating enzyme	Mm.12921
58839	39793	C77966	null	null	null
225454	241012	C78038	null	null	Mm.68062
426309	443838	AW537112	TC161894	null	Mm.22511
3533020	3336202	AW537186	null	null	Mm.102518
98372	134866	AW537231	TC177089	null	Mm.1725
226727	277397	AW537278	TC161994	null	Mm.1668
0	0	AW537129	TC164710	null	Mm.39750
221692	232458	AW537195	TC187815	null	Mm.35854
370151	498300	AW537247	TC199996	null	Mm.5290
43211	52892	AW537289	TC190825	null	Mm.39466
0	0	C76162	null	null	null
0	0	C76254	null	null	null
38931	29482	C76324	TC176425	null	Mm.21135
25141	18234	C76436	null	null	null
132050	172683	C76175	TC189255	null	Mm.29383
67538	30842	C76270	null	null	null
35514	27363	C76345	null	null	null
0	0	C76456	TC177939	null	null
0	0	C77518	null	null	null
27028	20678	C77572	null	null	Mm.35516
140204	104241	C77627	TC159058	hepatocyte growth factor activ	Mm.104454
28216	21676	C77695	TC185377	null	Mm.24963
64645	81597	C77524	TC173797	null	Mm.1963
0	0	C77581	null	null	null
77567	61593	C77656	TC173809	preprodipeptidyl peptidase I	Mm.684
0	0	C77713	TC178323	null	Mm.44882
302132	418107	AW537340	TC186719	ribosomal protein L30	Mm.3487
312172	324276	AW537393	TC201054	dynactin subunit p25	Mm.27270
1096694	1583354	AW537451	TC186720	null	Mm.3487
45941	46944	AW537502	TC161264	phosphoprotein	Mm.489
58897	40529	AW537353	TC178521	null	Mm.31992
0	0	AW537404	null	null	null
146597	132571	AW537460	TC187474	PxF protein	Mm.29198
0	0	AW537513	TC204864	null	Mm.103490
82849	55759	C76512	null	null	null
25254	27304	C76635	null	null	null
55288	69011	C76745	null	null	null
134587	109229	C76814	TC200683	cyclin G1	Mm.2103
41808	27359	C76551	null	null	Mm.24916
15970	9480	C76669	null	null	null
445307	258556	C76752	TC165805	null	Mm.24921
0	0	C76825	null	null	Mm.103683
190709	223586	C77781	TC174070	null	Mm.22679
135963	170914	C77863	TC157349	null	Mm.27057

130124	137117	C77957	null	null	null
34904	47108	C78028	null	null	Mm.27700
0	0	C77798	null	null	null
0	0	C77892	null	null	Mm.16820
34985	44268	C77971	null	null	null
67474	72620	C78040	TC169200	null	Mm.36439
22700	13887	C78693	TC158412	Cdc25a	Mm.29800
84872	84924	C78767	TC187995	null	Mm.22030
6268	7410	C78888	null	null	null
4450	1662	C78710	null	null	null
19528	13901	C78787	null	null	Mm.5751
21252	13932	C78840	null	null	null
528879	627334	C78900	null	null	null
0	0	C79777	TC210186	null	Mm.25049
0	0	C79860	null	null	null
0	0	C79951	null	null	null
63498	29304	C80029	TC159111	null	Mm.27506
24495	26522	C79803	null	null	null
16845	12614	C79875	TC163284	null	Mm.7060
0	0	C79965	null	null	Mm.103694
0	0	C80056	TC185686	null	null
11324	6748	C81182	TC211355	null	null
53204	46636	C81268	null	null	Mm.25109
0	0	C81347	null	null	Mm.24134
0	0	C81435	null	null	null
76423	27482	C81194	TC187488	heat shock protein 105 kDa bet	Mm.34828
103502	73798	C81284	TC208948	null	Mm.25112
8637	6726	C81364	null	null	null
8203	4966	C81458	TC169581	null	null
0	0	C78948	null	null	Mm.52270
0	0	C79002	null	null	null
11129	6541	C79059	null	null	null
55014	49899	C79142	TC189109	elongin A	Mm.27663
16580	21639	C78959	TC189368	null	Mm.28624
0	0	C79017	null	null	null
11234	11338	C79089	TC202025	persyn	Mm.22231
26147	39315	C79157	TC187839	SRG3	Mm.1050
0	0	C80113	null	null	Mm.25088
13000	6396	C80168	null	null	null
0	0	C80237	null	null	null
0	0	C80310	null	null	null
93186	63208	C80126	TC202898	jerky	Mm.20971
24526	19032	C80184	TC157235	null	Mm.25319
0	0	C80258	TC166343	null	Mm.63507
0	0	C80347	TC166424	null	Mm.21147
0	0	C81536	TC168096	null	null
105173	73157	C85066	TC178836	null	Mm.25369
0	0	C85133	null	null	null
0	0	C85206	null	null	null
0	0	C81557	null	null	null
25605	18149	C85080	null	null	null

0	0	C85149	null	null	null
0	0	C85225	TC195817	null	Mm.36315
312153	397547	C78694	TC160372	null	Mm.28866
8700	12284	C78770	null	null	null
0	0	C78834	null	null	Mm.43984
0	0	C78889	null	null	Mm.5764
0	0	C78711	TC202525	null	Mm.27033
31729	26315	C78789	TC173913	null	Mm.29434
57352	62549	C78845	TC188887	casein kinase	Mm.30199
0	0	C78901	null	null	null
47518	27582	C79778	null	null	Mm.99776
0	0	C79862	TC172357	null	Mm.25054
18076	14357	C79952	TC163293	null	Mm.31129
116823	49893	C80039	TC200735	aspartate aminotransferase	Mm.19039
6940	7625	C79806	TC202514	null	Mm.24658
188806	662851	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
7427	5238	C81269	null	null	null
11309	6440	C81353	TC190526	null	Mm.4512
5716	3644	C81436	null	null	null
107481	94432	C81197	TC159969	putative membrane-associated g	Mm.88645
16792	14995	C81285	null	null	null
0	0	C81369	null	null	null
14117	9139	C81461	null	null	null
8520	8728	C78950	null	null	null
22139	25028	C79004	TC174190	Bcl-2-binding protein BIS	Mm.28373
0	0	C79144	null	null	null
13416	8036	C78961	TC175069	Chk1; checkpoint kinase	Mm.16753
0	0	C79025	null	null	Mm.5781
12539	10515	C79102	null	null	Mm.5866
21377	24373	C79158	TC163622	null	Mm.5794
34306	25087	C80117	TC161901	calcium modulating cyclophilin	Mm.2313
0	0	C80171	null	null	Mm.25064
17287	9119	C80243	null	null	Mm.25066
0	0	C80315	null	null	null
8013	7214	C80129	TC176968	null	Mm.6863
184609	226046	C80185	TC159816	null	Mm.18700
34177	25875	C80260	TC163892	null	Mm.41145
16327	9236	C80359	TC185612	null	Mm.13325
0	0	C81537	null	null	null
8349	6253	C85067	null	null	null
85559	63587	C85134	TC186587	unnamed protein product	Mm.3765
238120	223162	C85208	TC187243	uvomorulin (711 AA)	Mm.35605
0	0	C81568	null	null	Mm.34949
27854	40478	C85082	TC176586	null	null
40894	27370	C85150	TC201027	lymphotoxin-beta receptor	Mm.3122
14659	23498	C85227	null	null	null
0	0	C78697	null	null	null
38991	36536	C78772	TC187091	myo-inositol 1-phosphate synth	Mm.29357

2002953	1430279	C78835	TC159560	cytoskeletal beta-actin	Mm.297
14363	6688	C78891	null	null	Mm.100610
26882	22635	C78716	TC202459	null	Mm.21705
166461	99000	C78790	TC157730	null	Mm.1103
0	0	C78846	TC188278	glucose transporter	Mm.7241
8198	5530	C78902	null	null	null
63919	52858	C79779	TC162323	null	Mm.23710
24976	22597	C79866	TC177879	null	Mm.23606
0	0	C79955	null	null	null
75354	60715	C80043	TC158963	SLM-1	Mm.28999
187442	300967	C79809	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
109285	106658	C79882	TC174177	null	Mm.25331
0	0	C79973	null	null	null
7903	8568	C80064	null	null	null
137051	112869	C81187	null	null	null
29179	41084	C81271	TC158925	E46 protein	Mm.4098
26200	19740	C81354	null	null	null
33025	27302	C81437	TC160424	null	Mm.11311
19755	16553	C81203	null	null	null
80585	85199	C81295	TC159712	mouse RNA polymerase I 40kD su	Mm.104319
26058	20316	C81376	null	null	null
154704	188559	C81465	TC202408	null	Mm.25834
76221	65099	C78951	TC160916	alpha-D-mannosidase	Mm.4219
0	0	C79008	null	null	null
137452	102824	C79062	TC175668	null	Mm.1196
0	0	C79146	null	null	null
20647	17275	C78962	TC190464	null	Mm.31123
158880	126942	C79026	TC164222	null	Mm.6910
13123	6664	C79103	TC202749	null	Mm.35774
60053	54318	C79160	TC158481	null	Mm.28553
14036	9550	C80120	null	null	Mm.103692
7081	6794	C80172	TC161842	null	Mm.227
14783	13387	C80244	null	null	null
51090	45754	C80320	null	null	null
31953	22190	C80131	TC186433	null	Mm.41796
38217	29825	C80187	TC174815	ribosomal protein S6 kinase	Mm.29910
0	0	C80261	null	null	null
25150	28858	C80361	TC202003	null	Mm.20559
12080	16647	C81540	TC203970	null	Mm.35526
136650	120631	C85069	TC177446	null	Mm.25370
411086	354309	C85135	TC187090	nucleobindin	Mm.2283
0	0	C85211	TC160999	null	Mm.28771
10504	4646	C81574	null	null	Mm.12267
111995	113243	C85083	TC196393	null	Mm.42519
0	0	C85163	null	null	null
15865	10242	C85228	TC178992	null	Mm.36389
0	0	C78704	null	null	Mm.5740
0	0	C78782	TC169618	null	Mm.5749
0	0	C78836	TC193631	fibroblast growth factor 10/ke	Mm.25003
16838	19706	C78893	null	null	Mm.43904
0	0	C78717	null	null	null

12003	10934	C78791	null	null	null
64386	34281	C78849	null	null	null
24509	19655	C78903	null	null	null
21838	21802	C79793	TC191337	null	Mm.92812
0	0	C79867	null	null	Mm.88717
516367	541134	C79957	TC190680	null	Mm.30027
216376	217745	C80049	TC161352	null	Mm.5938
0	0	C79816	null	null	null
19507	10906	C79889	null	null	null
17504	11162	C79975	null	null	null
246751	235639	C80066	TC157688	HN1	Mm.1775
35731	19662	C81188	null	null	null
78707	51530	C81275	TC160039	nonclathrin coat protein zeta-	Mm.29473
14327	12291	C81358	TC209029	null	Mm.31140
125518	141897	C81438	null	null	Mm.2180
0	0	C81205	null	null	Mm.28176
17204	18259	C81296	null	null	null
47812	48847	C81377	TC160182	null	Mm.22467
80851	73477	C81474	TC161455	null	Mm.27341
10728	6372	C78953	null	null	null
41632	37441	C79009	TC174759	null	Mm.29070
44726	32776	C79078	TC200982	null	Mm.7261
173957	236003	C79150	TC159705	URF (homologous to yeast L29 r	Mm.7277
35164	23049	C78965	null	null	null
37507	15381	C79029	TC198983	null	null
112326	35683	C79107	TC188128	null	Mm.25013
0	0	C79164	null	null	null
30498	14724	C80121	TC160029	placental lactogen II	Mm.37203
29735	19264	C80173	null	null	null
0	0	C80249	null	null	Mm.25065
181457	163089	C80332	TC160157	Wdr1 protein	Mm.2654
24057	22096	C80133	null	null	null
125799	130890	C80189	TC180813	null	Mm.98122
44607	45571	C80262	TC159137	AIP37 protein	Mm.38831
24479	26652	C80366	TC163914	null	Mm.5935
135538	83868	C81543	null	null	null
73084	46054	C85070	TC189876	null	Mm.9876
0	0	C85143	null	null	null
378703	254966	C85216	null	null	null
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106791	105496	C85084	TC190254	null	Mm.24083
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0	0	C85231	null	null	Mm.25373
24161	22763	C78705	TC200760	null	Mm.30206
0	0	C78783	null	null	null
0	0	C78837	TC189486	null	Mm.27779
0	0	C78895	null	null	null
0	0	C78718	TC204141	null	Mm.28146
9643	7427	C78795	TC160096	cyclin 3	Mm.7417
0	0	C78853	null	null	null
0	0	C78908	TC189392	null	Mm.3584



0	0	C79798	null	null	null
0	0	C79870	null	null	null
0	0	C79959	null	null	null
0	0	C80053	TC162577	null	Mm.5904
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0	0	C79892	TC165438	null	null
15563	21717	C79977	null	null	null
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31054	29075	C81189	null	null	null
0	0	C81278	null	null	null
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0	0	C81439	TC175535	null	Mm.27633
0	0	C81209	TC188018	null	Mm.28326
0	0	C81299	null	null	Mm.90060
31180	35006	C81381	TC189367	null	Mm.7109
0	0	C81478	TC160406	NF-IL6	Mm.4230
82259	67698	C78956	TC173676	null	Mm.24499
116156	108920	C79010	TC188677	RA70	Mm.10019
13388	14441	C79081	null	null	Mm.103689
100144	97250	C79154	TC186937	delta proteasome subunit	Mm.98
0	0	C78966	null	null	null
0	0	C79030	TC166229	null	Mm.25001
23795	18208	C79109	TC190093	null	Mm.34766
13971	10057	C79165	TC174040	TOLLIP protein	Mm.29519
0	0	C80123	null	null	null
0	0	C80179	TC177237	null	Mm.35750
0	0	C80251	TC188008	mORC2L	Mm.3411
20477	14543	C80339	null	null	null
219015	176538	C80134	TC173632	null	Mm.21146
47631	35625	C80193	TC200373	elav G homolog	Mm.21766
137652	192683	C80263	null	null	Mm.10706
65223	33956	C80370	null	null	Mm.5936
0	0	C81549	null	null	null
0	0	C85074	null	null	null
54513	42151	C85144	null	null	Mm.52287
0	0	C85220	TC203703	null	Mm.33583
52943	55186	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
32238	27252	C78707	TC160153	null	Mm.29971
66182	37948	C78784	TC187952	null	Mm.5750
116126	131484	C78839	TC200746	dynamin	Mm.39292
55173	36808	C78897	null	null	null
35373	32150	C78799	TC188233	Rab24 protein	Mm.18800
0	0	C78856	null	null	null
53662	33713	C78910	TC210786	null	Mm.4964
0	0	C79801	null	null	null
98918	110972	C79872	TC188768	36 kD protein	Mm.18347
17244	17463	C79964	null	null	Mm.103693
22732	22573	C80055	null	null	null

26159	26339	C79819	null	null	null
0	0	C79898	null	null	Mm.382
5291	15633	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
42431	40319	C81301	TC187978	J kappa RS-binding protein	Mm.22482
51324	27829	C81384	null	null	null
0	0	C81483	TC202670	null	Mm.28807
0	0	C78958	null	null	null
0	0	C79015	null	null	Mm.5780
0	0	C79086	null	null	Mm.25012
700839	625238	C79156	null	null	Mm.29991
0	0	C78971	TC175115	tau microtubule binding protei	Mm.1287
120650	132566	C79033	TC174370	null	Mm.3786
0	0	C79111	TC160994	protease-nexin 1	Mm.3093
52885	36142	C79168	TC202197	null	Mm.7265
0	0	C80125	null	null	null
66836	22733	C80182	TC180091	null	null
0	0	C80255	TC207270	null	Mm.31133
26525	13943	C80344	null	null	Mm.25069
0	0	C80138	null	null	Mm.25062
0	0	C80195	null	null	null
342207	222001	C80267	TC200063	null	Mm.25074
1113791	701723	C80374	TC159425	cytochrome oxidase subunit 2	null
0	0	C81555	null	null	null
174421	196395	C85075	TC162705	sh3bgr protein	Mm.28638
66040	79132	C85146	TC160042	null	Mm.9307
155849	103958	C85224	TC189215	nterferon regulatory factor 1	Mm.1246
0	0	C81597	null	null	null
37912	35186	C85086	TC189034	histone acetyltransferase quer	Mm.100823
115463	76503	C85175	null	null	Mm.9569
0	0	C85248	TC192656	null	null
0	0	C86005	null	null	Mm.35092
33421	36808	C86086	null	null	null
23215	15360	C86170	null	null	Mm.42676
33979	18717	C85951	TC193180	tyrosine hydroxylase	Mm.31291
6964	3257	C86029	null	null	Mm.25402
8435	3556	C86098	null	null	null
0	0	C86191	TC189851	null	Mm.23726
187397	135626	C87132	null	null	null
0	0	C87216	null	null	null
20258	28579	C87299	TC188887	casein kinase	Mm.30199
0	0	C87395	TC202847	null	Mm.21917
10294	32486	C87164	TC161863	null	Mm.25613
0	0	C87243	null	null	null
0	0	C87314	null	null	Mm.25475
0	0	C87416	null	null	null

20213	13576	AU021769	null	null	null
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21232	13784	AU021919	null	null	null
0	0	AU021996	null	null	null
13174	8540	AU021789	null	null	null
29724	26505	AU021863	null	null	null
29380	26159	AU021938	null	null	Mm.11779
33803	27192	AU022036	TC207668	null	Mm.26357
0	0	C86242	TC174019	null	Mm.28265
69267	56087	C86326	TC174159	null	Mm.34763
0	0	C86389	TC193514	null	null
0	0	C86460	null	null	null
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25867	16424	C86341	null	null	Mm.25419
8078	6106	C86398	null	null	Mm.9661
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34472	31444	C87461	TC164154	null	Mm.24081
0	0	C87548	TC201130	null	Mm.28758
28355	31351	C87621	TC161482	null	Mm.44068
0	0	C87683	TC205069	null	Mm.43231
6097	8828	C87490	null	null	Mm.25491
27103	15182	C87566	TC175819	CAMP metalloproteinase	Mm.29373
39874	39829	C87631	TC162779	KRAB-containing zinc-finger pr	Mm.27575
10279	7929	C87702	TC187354	null	Mm.27900
11761	7206	AU022077	null	null	null
0	0	AU022155	null	null	null
21430	19070	AU022226	TC163455	SNM1 protein	Mm.2805
15146	12555	AU022285	null	null	Mm.33783
29092	20451	AU022100	null	null	null
16083	11543	AU022182	null	null	null
28650	20485	AU022240	null	null	null
10787	8530	AU022296	null	null	Mm.2726
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0	0	C86010	null	null	Mm.9626
764938	472948	C86087	null	null	null
34803	33473	C86171	null	null	null
0	0	C85955	TC188652	ADP-ribosylation-like factor h	Mm.7760
0	0	C86033	TC191760	macrophage C-type lectin Mincl	Mm.28263
0	0	C86103	null	null	Mm.25407
27606	16521	C86195	null	null	null
217594	268718	C87134	TC158296	null	Mm.16820
196271	113473	C87222	TC189375	null	Mm.939
27391	19931	C87304	TC188302	null	Mm.27708
8910	8872	C87397	TC176024	null	Mm.25481
10602	10491	C87169	null	null	null
29936	28241	C87245	TC174628	Shc binding protein	Mm.37801
52305	48116	C87323	null	null	Mm.25477
45337	48734	C87418	null	null	Mm.25484
168010	158661	AU021774	TC175304	null	Mm.21489
12243	4136	AU021856	null	null	null
17736	16361	AU021920	null	null	null

12021	15817	AU022014	null	null	null
52822	44196	AU021794	TC173722	null	Mm.27582
32433	26440	AU021864	null	null	null
26656	26154	AU021943	TC168182	null	null
87332	45417	AU022042	null	null	null
19401	15168	C86243	null	null	Mm.25413
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26422	18480	C86390	null	null	null
12706	16347	C86466	TC163500	null	Mm.25428
43344	54599	C86264	TC161171	null	Mm.28703
104895	70365	C86343	TC163314	null	Mm.32906
13570	9387	C86399	null	null	null
19142	15460	C86475	TC203335	null	Mm.21171
52435	44215	C87464	TC160396	D52	Mm.2777
24566	20159	C87551	TC173510	translation initiation factor	Mm.42293
20682	19564	C87623	TC204050	null	null
41372	52130	C87685	TC188367	null	Mm.33970
47142	61102	C87496	TC160700	null	Mm.27269
119473	113165	C87567	TC188194	null	Mm.29530
0	0	C87633	null	null	null
60275	61100	C87703	TC189185	protein S	Mm.24611
48516	39209	AU022084	null	null	null
16265	11393	AU022156	null	null	null
17320	11461	AU022229	null	null	Mm.11820
8395	8249	AU022287	null	null	null
143235	149802	AU022101	TC159891	heterogenous nuclear ribonucle	Mm.2115
86752	83514	AU022184	TC162518	null	Mm.25664
11187	8077	AU022243	null	null	Mm.26307
11364	9192	AU022298	TC202923	null	Mm.11827
44012	25548	C85936	TC200398	UBE-1c2	Mm.42795
29223	29264	C86013	TC174378	null	Mm.35618
42401	35785	C86089	TC161917	null	Mm.9859
0	0	C86178	null	null	Mm.25411
0	0	C85956	null	null	Mm.41105
72866	75227	C86034	TC188947	null	Mm.27785
18821	16817	C86104	null	null	null
0	0	C86196	null	null	Mm.34989
94989	84677	C87139	TC161962	null	Mm.28838
107900	76006	C87227	TC174898	null	Mm.43591
47501	38179	C87306	null	null	Mm.9741
0	0	C87398	TC167881	null	Mm.9753
96458	118430	C87172	TC200470	E2-20K	Mm.5203
0	0	C87246	null	null	null
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13546	4976	C87419	TC173497	null	null
66339	62304	AU021775	null	null	null
242344	104509	AU021857	null	null	Mm.3401
26020	22650	AU021923	TC162239	null	Mm.22398
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91431	60304	AU021944	TC162390	null	Mm.24629
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22800	19675	C86246	null	null	Mm.25414
23964	17092	C86333	null	null	null
0	0	C86391	null	null	null
13302	14311	C86467	TC177295	null	Mm.9908
58512	57654	C86267	TC200074	null	Mm.17362
28154	22168	C86345	null	null	null
44997	36416	C86400	null	null	Mm.9662
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54821	45589	C87687	null	null	null
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0	0	C87570	TC201982	G protein gamma 3 subunit	Mm.27307
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27242	19883	AU022163	null	null	Mm.26297
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9425	8562	C85958	null	null	null
496382	492848	C86037	null	null	null
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0	0	C87328	null	null	Mm.9747
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68485	62158	AU021925	TC204088	null	Mm.28747
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138967	118084	C86271	TC187850	null	Mm.22397
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86610	69415	C87485	TC203617	null	Mm.25350
64891	48921	C87561	null	null	null
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76623	43623	C87694	TC175016	null	Mm.28890
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0	0	C87641	null	null	null
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30401	24920	AU022092	null	null	null
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58876	57650	AU022247	null	null	null
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79553	26264	C87152	TC162339	null	Mm.33761
15655	13675	C87231	TC162336	colony stimulating factor-1	Mm.795
0	0	C87311	TC203362	null	Mm.24826
0	0	C87410	TC202551	null	Mm.25483
0	0	C87174	TC189526	tumor protein D53	Mm.7821
91583	88745	C87251	TC175314	null	Mm.28602
0	0	C87337	null	null	Mm.31310
0	0	C87428	TC161012	retinoid X receptor interactin	Mm.968
0	0	AU021778	TC210570	null	Mm.36586
0	0	AU021860	null	null	null
166393	103519	AU021926	null	null	Mm.35043
0	0	AU022025	null	null	null
0	0	AU021802	TC206541	null	Mm.37126
355536	550990	AU021871	null	null	null
0	0	AU021953	TC170048	null	null
0	0	AU022047	null	null	null
26621	23354	C86255	TC205941	null	Mm.36867
36249	33927	C86337	null	null	null
0	0	C86395	TC173257	precursor protein (AA -18 to 1	Mm.654
50517	41929	C86469	TC174004	null	Mm.2895

18403	13446	C86273	null	null	null
62385	45775	C86350	TC165432	null	Mm.27549
19123	16389	C86403	TC205639	null	Mm.26909
43431	41974	C86487	TC175719	null	Mm.26282
30618	30052	C87486	TC203226	null	Mm.25489
37690	25826	C87564	TC163977	null	Mm.25497
49902	22967	C87626	TC205548	null	null
8997	6610	C87697	null	null	null
39628	37532	C87505	TC201614	null	Mm.29881
0	0	C87575	null	null	Mm.7840
44414	42706	C87642	TC202194	null	Mm.27240
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0	0	AU022094	null	null	null
32069	33972	AU022169	null	null	Mm.11813
15903	26266	AU022234	null	null	null
14186	13930	AU022290	null	null	Mm.21995
106875	124976	AU022118	TC161182	Pinin	Mm.22347
0	0	AU022190	null	null	null
37038	31464	AU022252	null	null	null
29923	27658	AU022313	TC188371	null	Mm.8681
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21907	18209	C87256	null	null	Mm.103732
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353771	239043	C86279	TC161056	p45 NF-E2 related factor 2	Mm.1025
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28621	30403	C86405	null	null	null

77292	34109	C86491	TC160367	null	Mm.28866
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0	0	C87576	TC208208	null	Mm.31313
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0	0	AU022236	null	null	null
113918	96123	AU022291	TC160528	null	Mm.29049
27434	25376	AU022120	null	null	null
57575	44811	AU022192	null	null	Mm.26301
64769	35384	AU022255	null	null	null
76868	66660	AU022314	null	null	Mm.25875
28361	20693	AU022799	TC166797	null	null
12828	9680	AU022852	null	null	null
11462	13591	AU022903	null	null	Mm.42301
12716	9509	AU022971	null	null	Mm.34322
20334	20614	AU022809	TC173246	GP106	Mm.21251
10371	10266	AU022864	null	null	null
35076	25697	AU022916	TC163125	null	Mm.11904
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117522	99528	AU024798	null	null	null
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230045	257283	AU018267	TC162994	null	Mm.42595
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39952	34136	AU023041	TC201853	null	Mm.28764
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278031	192411	AU024037	TC159968	null	Mm.24593
0	0	AU024112	TC159546	cytoplasmic polyadenylation el	Mm.22062



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46609	39994	AU023995	TC159675	chromosome segregation protein	Mm.26412
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66122	53345	AU024130	TC162672	null	Mm.39076
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17510	13763	AU018429	TC197586	null	Mm.26111
0	0	AU018518	TC205486	null	Mm.26121
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0	0	AU018681	TC163804	null	Mm.24692
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8030	7930	AU023761	null	null	null
42917	67010	AU023817	null	null	Mm.28697
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17899	18032	AU023770	null	null	null
12717	15595	AU023825	TC203532	null	Mm.3848
157397	136006	AU023882	null	null	Mm.161
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216555	198700	AU018344	TC166574	null	Mm.26107
19073	20706	AU024703	TC173497	null	null
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23220	20994	AU018268	TC203782	null	Mm.26102
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18330	11280	AU023027	null	null	null
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14486	12336	AU023172	null	null	null
15672	15013	AU023233	TC174563	BAF53a	Mm.29546
63317	41169	AU023042	null	null	null
27642	19746	AU023121	TC200429	maternal transcript Maid	Mm.7838
27821	23639	AU023191	TC201825	null	Mm.25762
111390	55435	AU023245	TC173290	TSC-22	Mm.20927
100173	77579	AU023984	TC202456	transcytosis associated protei	Mm.15868
0	0	AU024038	null	null	Mm.26403
57611	44346	AU024115	TC201030	null	Mm.21503
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0	0	AU024060	null	null	Mm.23000

60685	50091	AU024132	TC161426	null	Mm.22414
31189	22321	AU024188	null	null	null
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47435	36880	AU018519	TC206348	null	Mm.26122
107553	78382	AU018606	TC176452	null	Mm.11428
32546	26316	AU018684	TC188411	null	Mm.39477
13068	9989	AU018455	TC162842	null	Mm.25546
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177087	153005	AU024697	null	null	null
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48814	41605	AU018431	null	null	Mm.26112

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43123	33727	AU018543	TC188378	GTP-binding protein	Mm.41803
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0	0	AU022814	null	null	null
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0	0	AU018546	null	null	null
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0	0	AU021408	TC173087	null	Mm.35812

0	0	AU015268	TC170947	null	Mm.25905
63349	58559	AU015386	TC187811	microtubule-associated protein	Mm.20928
0	0	AU015467	TC174026	null	Mm.27163
46144	62936	AU015531	null	null	null
0	0	AU015291	null	null	null
0	0	AU015414	null	null	Mm.25913
186635	172929	AU015485	TC201226	null	Mm.41728
0	0	AU015555	null	null	Mm.25920
45095	31468	AU019923	null	null	Mm.86594
90743	80362	AU020023	null	null	null
19995	22336	AU020147	TC183650	null	Mm.26197
157602	160835	AU020225	TC158891	Sid393p	Mm.27218
40351	35208	AU019945	TC183647	null	Mm.11587
103072	81378	AU020056	TC158520	actin binding protein ShroomS	Mm.46014
153230	171989	AU020166	TC200213	ras-GTPase-activating protein	Mm.2411
89018	97279	AU020234	null	null	Mm.42383
0	0	AU021478	null	null	null
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0	0	AU021662	null	null	null
0	0	AU014604	null	null	Mm.80651
0	0	AU021490	TC191037	null	Mm.28319
30402	26184	AU021595	TC177314	null	Mm.24566
0	0	AU021687	TC176153	null	Mm.17272
26867	16543	AU014617	TC160891	PC3B protein	Mm.903
0	0	AU015593	TC177757	null	Mm.11014
0	0	AU015687	TC158614	null	Mm.69068
0	0	AU015773	null	null	null
0	0	AU015847	null	null	null
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389559	231236	AU015699	TC174198	null	Mm.30926
25338	13932	AU015783	TC160624	null	Mm.29390
0	0	AU015869	TC162920	selenocysteine tRNA gene trans	Mm.10815
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115148	120540	AU019658	null	null	Mm.26177
26587	29422	AU019741	null	null	Mm.35038
102187	119669	AU019848	TC173051	LIM domain binding protein 1	Mm.4524
60452	68375	AU019599	TC205566	null	Mm.36800
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0	0	AU021071	TC165683	null	Mm.26246
0	0	AU021169	null	null	null
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54775	64269	AU021286	TC177488	Shcp52	Mm.86595
73546	75373	AU021411	null	null	Mm.24731
22519	15006	AU015270	TC184251	null	Mm.25906
62086	57871	AU015395	TC204943	null	Mm.12367
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0	0	AU015536	null	null	null
35433	31405	AU015293	null	null	Mm.95270
0	0	AU015421	TC188348	null	Mm.29071
69086	53659	AU015486	TC160098	capping protein alpha 2 subuni	Mm.3529
0	0	AU015557	null	null	Mm.35835
44086	43095	AU020027	null	null	null
41092	40190	AU020150	TC160176	null	Mm.253
49692	64363	AU020228	TC174903	null	Mm.3460
389262	303310	AU019946	null	null	Mm.29590
13995	10425	AU020066	null	null	null
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124838	112616	AU020235	TC160229	null	Mm.35807
0	0	AU021479	TC157415	null	Mm.21737
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598033	560930	AU021665	TC200306	EGP314 precursor	Mm.4259
0	0	AU014606	null	null	null
0	0	AU021494	null	null	null
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0	0	AU021688	null	null	Mm.25554
39793	30654	AU014622	TC174108	Ubc6p homolog	Mm.1971
0	0	AU015595	TC182989	null	Mm.49530
0	0	AU015690	TC204295	null	Mm.23310
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0	0	AU015849	null	null	null
213209	140805	AU015619	null	null	null
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36928	37360	AU015792	TC158930	null	Mm.35698
0	0	AU015877	TC188745	ancient conserved domain prote	Mm.38506
22542	21009	AU016497	null	null	Mm.38881
52806	43098	AU016576	null	null	null
0	0	AU016651	null	null	Mm.25998
0	0	AU016727	TC210849	null	Mm.26000
0	0	AU016512	null	null	Mm.11131
11899	8201	AU016592	TC208577	null	Mm.31884
0	0	AU016670	TC176312	null	Mm.25941
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0	0	AU017709	TC210848	null	null
7554	6508	AU017788	TC157806	null	Mm.21239
30720	40800	AU017867	TC160245	null	Mm.12864
198711	139454	AU017931	TC161203	null	Mm.24293
24733	22838	AU017736	null	null	null
0	0	AU017803	null	null	Mm.11318
20485	19299	AU017889	null	null	Mm.63540
0	0	AU017951	null	null	null
7678	5576	AU040668	TC160436	null	Mm.4606
25911	20525	AU040759	null	null	null
321966	227314	AU040819	TC173583	null	Mm.21752
6376	8334	AU040894	TC166103	null	Mm.17575
25641	27925	AU040703	TC189986	null	Mm.18574
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61927	47956	AU040829	TC190767	null	Mm.18455

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12964	7364	AU016953	null	null	Mm.11200
0	0	AU017032	TC200096	Supt4h	Mm.622
6840	7013	AU016819	TC163029	null	Mm.11177
31482	20663	AU016887	TC174793	null	Mm.14534
0	0	AU016977	TC179786	null	Mm.28002
12814	15861	AU017045	null	null	null
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3742	10816	AU018134	null	null	null
0	0	AU018189	TC161592	null	Mm.20675
24379	17363	AU018012	null	null	null
69426	63554	AU018076	null	null	Mm.37636
19697	16805	AU018148	null	null	null
0	0	AU018198	TC173933	centrin	Mm.12481
13248	20438	AU040956	TC174451	L6 antigen	Mm.856
0	0	AU041061	TC195084	null	null
24366	17799	AU041214	TC176824	null	Mm.18981
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0	0	AU041164	null	null	null
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29921	23405	AU017714	TC157827	null	Mm.35098
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53113	69940	AU017869	null	null	null
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0	0	AU017804	TC201284	isovaleryl dehydrogenase precu	Mm.6635
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12592	17242	AU017959	TC201715	null	Mm.11333
0	0	null	null	null	null
52729	36685	AU040764	null	null	null
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9047	7975	AU040895	null	null	null
2312160	2245955	AU040705	TC173471	phospholipase C-alpha	Mm.709
575594	1017138	AU040774	null	null	Mm.19121
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65751	70846	AU016810	TC188503	cell surface protein MCAR	Mm.11176
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53283	27631	AU017047	TC188675	null	Mm.21182
13676	14446	AU018002	null	null	null
147500	94553	AU018057	TC160236	G protein beta 36 subunit	Mm.30267
23337	18554	AU018136	null	null	Mm.88721
0	0	AU018190	TC211310	null	Mm.26094
19518	13230	AU018013	null	null	null
43195	23578	AU018079	null	null	Mm.11349
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48258	51826	AU040991	null	null	Mm.38331
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6921	7064	AU016754	null	null	Mm.11168
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8573	9254	AU017791	null	null	Mm.36446
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26999	387841	AU040901	TC200787	WDNM1 protein	Mm.1650
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791827	543950	AU040780	TC200421	Sh3bgr1 protein	Mm.21446
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12848	7813	AU040919	TC170283	null	null
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250047	123529	AU016967	null	null	Mm.88182
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22901	21643	AU018191	null	null	null
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0	0	AU018082	TC157937	null	null
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15179	10923	AU018204	null	null	null
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243795	182716	AU041171	TC201403	vesicle associated membrane pr	Mm.1838
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11221	11481	AU017939	TC206267	null	Mm.34195
61613	68973	AU017739	TC160375	null	Mm.34606
18953	17039	AU017809	null	null	Mm.104582
114649	85494	AU017897	TC202355	null	Mm.22334
133145	102262	AU017962	TC197184	null	Mm.26079
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51148	56890	AU040769	TC158630	null	Mm.103835
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33146	44541	AU040911	null	null	null
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426286	463304	AU040781	null	null	Mm.29405
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28624	20868	AU016876	null	null	Mm.11191
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16688	13779	AU016987	null	null	Mm.13492
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47059	48038	AU018060	TC187238	GLUT4 vesicle protein	Mm.29010
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176122	208463	AU018151	null	null	Mm.12190
23992	19221	AU018209	TC166149	null	Mm.26097
0	0	AU040979	null	null	Mm.4111
15854	8258	AU041069	TC186985	null	Mm.11879
10041	7472	AU041160	TC197125	null	Mm.17594
0	0	AU041220	TC209012	null	null
34790	31775	AU040997	null	null	null
73319	69799	AU041102	null	null	null
33826	33328	AU041172	TC173883	ataxin-2	Mm.1989
0	0	AU041239	TC174747	calbindin	Mm.354
0	0	AU016509	null	null	null
0	0	AU016583	TC190640	null	Mm.45751
46180	24858	AU016662	null	null	Mm.25999
0	0	AU016738	TC168083	null	Mm.26004
0	0	AU016523	TC161690	null	Mm.22271
0	0	AU016600	null	null	null
0	0	AU016686	null	null	null
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0	0	AU017719	null	null	Mm.26065
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77062	76305	AU040912	null	null	Mm.26810
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13422	11144	AU018210	TC179445	null	Mm.26098
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99323	86761	AU041001	TC187399	null	Mm.29866
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32046	27076	AU017885	TC174554	cAMP-dependent protein kinase	Mm.25594
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63759	72245	AU040983	TC174429	null	Mm.21070
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0	0	AU041003	TC162012	null	Mm.35691
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16829	9256	AU043841	TC203657	null	Mm.16139
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102848	102438	AU044171	TC204128	null	Mm.19184
22709	18455	AU043877	TC202397	neurofilament polypeptide	Mm.1956
24031	19758	AU043974	TC161980	null	Mm.28151
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95595	87842	AU045897	TC159068	null	Mm.29574
13539	14372	AU045990	TC175642	null	Mm.29550
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72876	52953	AU042301	null	null	null
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80734	61971	AU041509	TC184261	null	Mm.17612
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29836	25094	AU042619	null	null	Mm.42536
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79579	63364	AU042545	TC200346	null	Mm.34626
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9237	7633	AU044042	null	null	null
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15334	16038	AU043978	null	null	null
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0	0	AU044212	null	null	null
11678	11601	AU045602	null	null	null
25044	21075	AU045737	null	null	Mm.17788
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82870	77283	AU045763	null	null	null
13431	10904	AU045898	TC160264	null	Mm.19122
128704	108417	AU046003	TC157899	6-pyruvoyl-tetrahydropterin sy	Mm.35856
154690	119109	AU042207	TC202158	null	Mm.29528
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0	0	AU042451	null	null	null
53838	51963	AU042230	TC175336	null	Mm.28506
0	0	AU042317	null	null	Mm.17652
177354	136978	AU042390	null	null	Mm.42255
20089	14888	AU042479	null	null	null
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117101	94731	AU044396	TC160321	acinusS'	Mm.30236
220865	193038	AU044505	TC202161	null	Mm.34238
53036	40227	AU044613	null	null	null
172158	177288	AU044311	TC178976	null	Mm.17789
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130252	166247	AU044555	TC200739	null	Mm.22547
0	0	AU044638	TC176242	null	Mm.17807
14976	12255	AU046126	null	null	null
13323	10449	AU046268	TC188738	Axin	Mm.23684
7757	8062	AU041419	TC208466	null	Mm.17661
0	0	AU041519	TC179612	null	null
12022	6798	AU046164	TC169904	null	Mm.17890
45895	46309	AU046294	TC160736	similar to mago nashi	Mm.808
20233	16620	AU041443	null	null	null
0	0	AU041530	null	null	null
44081	31621	AU042532	TC157363	null	Mm.67861
0	0	AU042622	null	null	null
124863	145114	null	null	null	null
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616785	721707	AU042546	TC158244	14-3-3 theta protein	Mm.14722
0	0	AU042645	TC208696	null	Mm.17681
26827	19764	AU042726	null	null	null
11518	6037	AU042824	null	null	null
0	0	AU043846	null	null	Mm.17761
25455	32569	AU043952	null	null	null

48454	33376	AU044044	TC174507	membrane interacting protein o	Mm.30126
75803	70749	AU044176	TC174238	null	Mm.18941
253170	159784	AU043891	TC210434	null	Mm.17767
0	0	AU043983	TC161128	null	Mm.29131
0	0	AU044073	TC157729	unnamed protein product	Mm.23841
0	0	AU044213	null	null	Mm.17781
8284	8114	AU045609	TC159272	null	Mm.103714
33002	24102	AU045739	null	null	null
11229	12250	AU045876	null	null	Mm.38309
77912	64990	AU045972	TC200948	null	Mm.29769
108193	102753	AU045635	null	null	null
614547	458699	AU045766	TC201884	null	Mm.24163
27247	20940	AU045901	null	null	null
35149	33081	AU046005	null	null	Mm.39739
88905	68463	AU042208	null	null	null
475493	742475	AU042293	TC160272	null	Mm.486
84453	52422	AU042381	TC173983	Crk-associated substrate	Mm.3758
310119	211058	AU042469	TC157871	null	Mm.21288
48349	37258	AU042231	null	null	null
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256797	202733	null	null	null	null
29562	22624	AU044294	TC205620	null	Mm.11934
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429524	303817	AU044513	TC187655	galectin-8	Mm.17799
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134292	184285	AU044419	TC159925	null	Mm.1603
64556	64450	AU044556	TC169892	null	Mm.17802
43989	48920	AU044640	TC175788	ribonuclease H1	Mm.10152
177032	165940	AU046271	TC163200	null	Mm.86599
63073	68887	AU041421	TC161193	null	Mm.27558
30260	30438	AU041522	TC187450	p8 protein	Mm.18742
40151	40204	AU046167	TC176322	null	Mm.25551
38604	27393	AU041357	TC189180	RhoM	Mm.27701
12304	7584	AU041448	null	null	null
0	0	AU041536	TC190060	null	Mm.17613
31287	29048	AU042533	null	null	Mm.17671
13103	21957	AU042624	null	null	Mm.17678
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20381	13795	AU042815	TC189888	putative transcription factor	Mm.3594
21659	16701	AU042547	TC204625	null	Mm.27281
21202	16109	AU042646	TC189346	null	Mm.19091
20526	15762	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
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48384	36838	AU044189	TC162393	null	Mm.26888
0	0	AU043893	TC183211	null	Mm.38482
65611	49673	AU043985	TC173621	null	Mm.21356

24096	17158	AU044076	null	null	null
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377557	338253	AU045885	null	null	Mm.17877
24577	25412	AU045977	null	null	null
436497	389979	AU045643	TC200584	cyclin B1	Mm.22569
33726	21058	AU045768	TC179466	null	Mm.17871
43851	38068	AU045902	null	null	null
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37068	32895	null	null	null	null
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210672	137301	AU042234	TC178905	null	Mm.21322
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412122	262970	AU042394	null	null	Mm.17660
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22362	24424	AU044648	null	null	Mm.17808
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23205	19220	AU046274	TC202325	ras-GTPase-activating protein	Mm.2038
0	0	AU041422	TC183597	null	Mm.17656
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63788	31494	null	null	null	null
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0	0	AU042830	null	null	Mm.17694
0	0	AU043866	TC189367	null	Mm.28035
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0	0	AU044056	null	null	null
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8529	7620	AU044000	TC174618	null	Mm.28193
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33348	37915 AU045773	TC157920	null	Mm.18775
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82674	87586 null	null	null	null
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100790	60616 null	null	null	null
0	0 null	null	null	null
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20180	19795 AU042398	TC189289	null	Mm.89148
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46662	44312 AU046276	null	null	null
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32915	23924 AU043904	TC166111	null	Mm.29136
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158731	235367 AU045665	TC158995	EMeg32 protein	Mm.37637
22421	23512 AU045780	null	null	Mm.103861
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166335	202078	AW548011	null	null	null
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64763	56176	AW548025	TC161814	null	Mm.34758
184191	738325	AW549180	null	null	Mm.102885
19250	18731	AW549289	TC160625	null	Mm.29390

10441	7296	AW549398	TC162804	Wnt-4	Mm.20355
42084	30230	AW549492	TC157441	null	Mm.45996
196040	176846	AW549204	null	null	Mm.102887
9571	6294	AW549309	null	null	null
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291558	266557	AW549521	TC201592	null	Mm.73777
541540	353366	AW546625	null	null	null
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54623	36029	AW546649	TC202675	erythroid K:Cl cotransporter	Mm.4190
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0	0	AW546819	null	null	null
0	0	AW546860	TC176755	null	Mm.30800
0	0	AW548086	null	null	Mm.19187
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14443	15899	AW548297	TC202371	B99 protein	Mm.20858
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0	0	AW549706	TC158175	possible ubiquitin protein lig	Mm.16553
930678	480436	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
23794	14256	AW549882	TC175732	Hic-5	Mm.3248
43886	40266	AW549646	TC200879	heat-responsive protein	Mm.2607
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204339	224631	AW549182	TC201208	null	Mm.24495
98499	81899	AW549300	null	null	Mm.41491
25192	30914	AW549399	TC191273	null	Mm.103486
1210583	826912	AW549495	null	null	null
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46993	30472	AW546801	null	null	null
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39098	31265	AW546871	TC159188	null	Mm.28012
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138610	357598	AW548203	TC175863	null	Mm.41764
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65702	52408	AW549620	null	null	Mm.66
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81454	90444	AW549793	TC158899	ribosomal protein L38	Mm.43330
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162221	290357	AW549722	TC201262	null	Mm.33394
34890	28052	AW549820	TC160552	null	Mm.25200
191874	172246	AW549902	TC163098	null	Mm.30702
28236	26940	AW546292	TC192081	null	Mm.83701
21008	12847	AW546376	TC191315	zinc finger protein basonuclin	Mm.6110
57922	47136	AW546457	TC161813	null	Mm.22359
19581	13097	AW546520	TC189049	null	Mm.30600
42282	42242	AW546317	TC159780	surfeit 1 protein	Mm.6874
101214	93926	AW546394	TC200038	myristoylated alanine-rich C-k	Mm.30059
19661	17037	AW546473	TC161301	3-ketosteroid reductase	Mm.14309
111798	454288	AW546550	null	null	null
41724	35256	AW547636	TC174675	neurotrophin receptor interact	Mm.26926
13968	11295	AW547817	null	null	Mm.102846
0	0	AW547907	null	null	null
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125806	103407	AW547665	null	null	null
354170	422383	AW547834	TC159835	null	Mm.39130
57996	61671	AW547930	null	null	null
181156	194802	AW548042	TC175955	null	Mm.28557
94446	92628	AW549183	TC176904	null	Mm.28
45834	45380	AW549302	null	null	null
62375	61692	AW549401	TC157304	null	Mm.37681
72382	81695	AW549501	null	null	null
1681758	1483872	AW549208	null	null	null
332986	268159	AW549333	TC186711	coat protein gamma-cop	Mm.26422
272332	314912	AW549431	TC157867	telomeric protein mTRF1	Mm.4306
138388	251931	AW549531	TC186472	t-complex protein; (Tcp-1x)	Mm.6797



0	0	AW546635	null	null	null
115902	113317	AW546715	TC188180	mannosyl-oligosaccharide 1,3-1	Mm.2433
68502	66638	AW546813	TC167206	null	Mm.102818
258682	281051	AW546855	null	null	Mm.42960
12684	14307	AW546651	null	null	null
325211	381707	AW546734	null	null	null
19822	21246	AW546828	null	null	null
44921	94763	AW546876	TC174782	Nucleosome assembly protein 1-	Mm.2831
301544	254267	AW548091	TC200784	protein-tyrosine-phosphatase	Mm.29855
765492	1038603	AW548205	TC194378	null	null
218834	197675	AW548304	TC160763	beta-D-galactosidase fusion pr	Mm.21772
51348	42243	AW548397	TC173594	null	Mm.38524
24054	15573	AW548124	TC201682	null	Mm.21597
80907	84124	AW548221	TC176151	null	Mm.21860
318412	227955	null	null	null	null
18012	11932	AW548409	TC190166	heparan sulfate N-deacetylase/	Mm.4084
100441	83712	AW549628	TC200941	lipotransin	Mm.28127
33749	36040	AW549711	TC174897	fallotein	Mm.40268
38208	27643	AW549803	TC189757	null	Mm.23950
13597	12449	AW549891	TC161473	augmenter of liver regeneratio	Mm.28124
40869	33574	AW549656	TC157234	null	Mm.35653
30202	34677	AW549725	TC160807	MNUDC protein	Mm.69
161947	321808	AW549829	TC158661	null	Mm.102901
122331	461810	AW549905	TC159636	alpha-globin	Mm.16820
25635	32482	AW546296	TC176664	null	Mm.30612
175215	257286	AW546379	TC200016	ribosomal protein L12	Mm.70127
39077	31820	AW546458	TC175868	null	Mm.25648
0	0	AW546522	TC200596	SDP3	Mm.7356
87406	68784	AW546319	TC176445	null	Mm.87628
320794	300105	AW546397	TC187168	null	Mm.28765
13863	17028	AW546478	null	null	null
327396	325676	AW546559	null	null	null
85609	64651	AW547642	TC204259	null	Mm.32822
1007341	1284166	AW547818	TC188237	fragile X mental retardation s	Mm.3451
2066623	1420362	AW547913	null	null	null
244837	277215	AW548016	TC173350	inosine-5'-monophosphate dehyd	Mm.6065
824917	854144	AW547668	null	null	null
27670	27946	AW547839	TC161340	null	Mm.35108
87827	83794	AW547935	TC174186	cyclin-dependent kinase-2 alph	Mm.118
360924	324129	AW548043	null	null	null
233044	220701	AW549189	TC174023	LAP2 binding protein 1	Mm.7508
35926	28862	AW549303	TC189793	null	Mm.23258
13636	15752	AW549415	TC173754	Dazh	Mm.15050
33917	24941	null	null	null	null
714514	716046	AW549217	TC187187	null	Mm.30099
97498	419888	AW549342	TC170848	null	Mm.102889
34144	24684	AW549434	TC189000	null	Mm.100879
51739	82977	AW549534	TC159348	null	Mm.102892
6165	6783	AW546637	TC160327	radixin	Mm.7051
33586	29980	AW546718	TC176177	null	Mm.30898
321486	483647	AW546816	null	null	null

321642	348160	AW546855	null	null	Mm.42960
19724	14185	AW546660	null	null	null
596224	791466	AW546735	TC157595	ribosomal protein S3a	Mm.6957
33587	19186	AW546831	TC157292	null	Mm.21646
89359	74206	AW546880	TC204480	meiotic cohesin REC8	Mm.23149
89265	95239	AW548092	TC173241	14-3-3 protein beta	Mm.34319
110446	121103	AW548208	null	null	null
128366	135827	AW548311	TC202284	null	Mm.86523
6384	8446	null	null	null	null
131762	115717	AW548125	TC200914	null	Mm.22710
41045	28155	null	null	null	null
1276898	675638	AW548330	null	null	Mm.95068
0	0	AW548422	TC164367	adrenocorticotropin receptor	Mm.41498
325216	400833	AW549630	null	null	Mm.102897
45269	39196	null	null	null	null
250925	351668	AW549809	null	null	Mm.87806
0	0	null	null	null	null
183835	143849	AW549663	TC187690	beta-prime-adaptin protein	Mm.29699
48828	63838	AW549726	TC188153	null	Mm.27557
243914	448248	AW549841	TC200351	putative TH1 protein	Mm.2184
78976	342905	AW549905	TC159636	alpha-globin	Mm.16820
96265	122132	AW546304	TC158956	myeloid associated differentia	Mm.29874
0	0	AW546379	TC200016	ribosomal protein L12	Mm.70127
84799	145548	AW546463	TC186684	null	Mm.24808
0	0	AW546524	null	null	null
141615	146818	AW546323	TC160088	SMCD	Mm.14910
0	0	AW546402	null	null	null
100783	189193	AW546482	null	null	null
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13289	21005	AW547654	null	null	null
273143	323061	AW547821	TC165111	myeloid ecotropic viral integr	Mm.4734
0	0	AW547917	TC175694	null	Mm.6509
85023	102405	AW548018	TC164997	null	Mm.21223
63864	77353	AW547673	TC197703	null	Mm.102838
0	0	AW547840	TC186920	lumican	Mm.18888
94005	42854	AW547940	TC201221	null	Mm.26480
0	0	AW548045	TC175568	retinoid X receptor-beta	Mm.1243
0	0	AW549196	null	null	Mm.102886
0	0	AW549304	TC173489	ORF	Mm.25044
91505	155331	AW549418	TC204087	null	Mm.41646
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0	0	AW549221	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934
0	0	null	null	null	null
0	0	AW549441	null	null	null
0	0	AW549542	TC205580	null	Mm.22790
93193	81004	AW546642	TC161047	null	Mm.30160
197859	256197	AW546720	null	null	Mm.102817
140210	604625	AW546817	null	null	null
415032	433236	AW546855	null	null	Mm.42960
18078	14606	AW546661	null	null	Mm.102815
262146	257934	AW546738	TC186959	B-cell translocation gene-1 pr	Mm.16596

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255627	224628	AW546881	null	null	null
0	0	AW548105	TC162140	null	Mm.102854
424364	561235	AW548210	null	null	Mm.265
124410	133419	AW548319	null	null	Mm.3953
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36567	46282	AW548127	TC157475	null	Mm.45592
94745	387393	AW548231	null	null	null
53995	52362	AW548332	null	null	Mm.17362
0	0	AW548425	TC158913	null	Mm.21764
120131	107034	AW549640	TC161154	null	Mm.28760
69667	98843	AW549716	TC199911	oral tumor suppressor homolog	Mm.35847
27379	42602	AW549810	TC158489	synectin	Mm.20945
1561326	946799	AW549897	TC194134	null	null
0	0	AW549666	TC158340	null	Mm.29780
0	0	AW549728	null	null	null
64835	69800	AW549851	TC189697	null	Mm.22786
71611	293289	AW549905	TC159636	alpha-globin	Mm.16820
169648	205205	AW546306	TC160005	high mobility group 2 protein	Mm.1693
67320	49376	AW546381	TC176608	null	Mm.41938
222642	252536	AW546468	TC186412	null	Mm.6586
39535	43254	AW546525	TC197687	null	null
279781	253257	AW546328	null	null	null
57354	66385	AW546406	TC164352	null	Mm.103114
48163	49599	AW546483	TC186918	prion protein PrP27-30	Mm.648
226391	213829	AW546563	TC188723	manic fringe precursor	Mm.517
121051	134837	AW547658	TC203193	null	Mm.33057
195495	314759	AW547823	TC159554	ribosomal protein L36	Mm.11376
252604	509012	AW547924	TC159924	retinoblastoma-binding protein	Mm.1603
262669	231163	AW548021	TC187621	null	Mm.22238
34807	35671	AW547680	TC190420	null	Mm.31233
161741	155095	AW547847	TC189593	null	Mm.32062
93871	110478	AW547945	TC189728	null	Mm.28367
146484	182490	AW548051	TC176196	null	Mm.46727
104062	112809	AW549199	TC160756	RPA16	Mm.34570
87353	127411	AW549306	TC160418	RNA/DNA-binding protein	Mm.1951
236968	286222	AW549426	null	null	Mm.20903
349133	316188	AW549517	TC187774	null	Mm.25119
84084	85319	AW549236	null	null	Mm.102888
48670	48544	AW549348	TC176128	null	Mm.25856
0	0	AW549442	null	null	null
122944	74138	AW549544	TC161574	null	Mm.41583
177720	167013	AW546647	TC189843	null	Mm.6478
164348	131943	AW546725	TC190059	null	Mm.28112
31293	34314	AW546818	TC173514	retinoic acid-responsive prote	Mm.906
43175	49482	AW546856	TC205090	null	Mm.26612
54877	51122	AW546666	null	null	Mm.100764
147457	233690	AW546741	TC173787	null	Mm.39981
7550	8548	AW546837	null	null	null
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78274	74564	AW548113	TC163064	null	Mm.41216

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186832	179097	AW548322	TC200382	PCTAIRE-1 protein kinase	Mm.4597
72647	82839	AW548400	TC159878	Id2 protein	Mm.1466
237928	226228	AW548128	null	null	null
29512	39714	AW548233	TC162251	null	Mm.22634
11860	7587	AW548335	TC187368	null	Mm.26708
130769	128879	AW548427	TC189710	null	Mm.18616
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0	0	AW549816	null	null	null
267170	314677	AW549898	TC161284	flavo-binding protein	Mm.28986
76773	59075	AW549667	null	null	null
73220	41468	AW549738	TC164655	null	Mm.103484
1435328	792152	AW549855	null	null	Mm.1779
83198	356486	AW549905	TC159636	alpha-globin	Mm.16820
882769	802312	AW550680	null	null	Mm.102932
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328330	215932	AW550877	TC175184	null	Mm.22521
354747	618154	AW550951	TC201102	null	Mm.30036
158932	161971	AW550700	TC175404	null	Mm.36912
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62356	47833	AW550887	TC187790	mitochondrial inner membrane t	Mm.27393
238587	933028	AW550996	null	null	null
68235	76014	AW551965	TC173402	null	Mm.41367
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35385	26352	AW552060	null	null	null
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99852	98996	AW551975	null	null	null
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245867	254790	null	null	null	null
1832932	1816608	AW552118	null	null	Mm.102988
228247	241016	AW552799	TC200275	null	Mm.29348
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700526	629678	AW552922	null	null	null
2396093	1644663	AW553009	TC187653	null	Mm.2144
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61271	83174	AW552870	TC188539	null	Mm.29310
131456	122684	AW552948	TC161824	null	Mm.28836
204362	148305	AW553043	TC159514	voltage dependent anion channe	Mm.16773
0	0	AW551042	TC176369	renin-binding protein	Mm.28280
58359	38524	AW551193	null	null	null
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106802	357102	AW551407	TC175093	null	Mm.12255
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70442	51765	AW551225	TC189139	null	Mm.23598
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44060	40143	AW552192	TC177354	null	null
0	0	AW552239	TC186979	null	Mm.29995
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0	0	AW552153	TC158296	null	Mm.16820
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77438	82953	AW552247	null	null	Mm.102993
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143746	81616	AW553142	null	null	null
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46372	65813	AW553157	null	null	null
63217	54885	AW553212	TC175869	nuclear protein ZAP	Mm.46674
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0	0	AW550681	TC172129	null	Mm.102933
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25091	22267	AW552802	TC174686	null	Mm.29316
19992	15009	AW552860	TC160819	null	Mm.103017
683655	653438	AW552924	null	null	Mm.103020
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60739	45755	AW552820	TC192142	null	Mm.103013
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280481	203777	AW553045	TC186366	null	Mm.30806
14167	11161	AW551043	TC177032	null	Mm.68976
50542	53427	AW551195	TC175765	null	Mm.17333
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57364	50655	AW551128	TC161676	PAF acetylhydrolase	Mm.9277
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36204	35100	AW551319	TC201754	sif and Tiam1-like exchange fa	Mm.29014
178442	221002	AW551432	TC204411	null	Mm.31525
182037	185087	AW552141	TC173510	translation initiation factor	Mm.3941
31161	28405	null	null	null	null
26835	28153	null	null	null	null
46525	43545	AW552291	TC157862	null	Mm.24878
88369	64580	AW552155	TC187506	conserved helix-loop-helix ubi	Mm.3996
60780	80275	AW552203	TC188786	null	Mm.2866
6969	7320	AW552250	TC205903	null	Mm.32677
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18857	25363	AW553200	TC162468	transcription regulator	Mm.15755
43648	34763	AW553269	TC162121	null	Mm.18783
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64426	51327	null	null	null	null
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3392058	2292252	AW550880	TC200304	thioredoxin	Mm.1275
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129629	123010	AW551968	TC160776	null	Mm.29746
38876	37706	AW552018	TC160070	null	Mm.25776
64006	58597	AW552065	TC166162	null	Mm.102985
279873	143117	AW552111	TC186664	3-hydroxyacyl CoA dehydrogenas	Mm.2491
29633	22244	AW551980	TC201322	HepA-related protein Harp	Mm.36676
218423	175276	AW552027	null	null	Mm.265
19909	25060	AW552075	null	null	Mm.102896
21328	28374	AW552122	TC188419	tissue factor pathway inhibito	Mm.3601
98251	101543	AW552804	TC177619	null	Mm.34179
67866	79829	AW552861	TC200573	null	Mm.23090
152727	84268	AW552927	TC173244	angiotensin II AT2 receptor-in	Mm.28951
42518	27113	null	null	null	null
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223222	189173	AW552880	null	null	null
36042	28661	AW552953	TC167510	null	Mm.103022
70521	61727	AW553046	null	null	null
26433	22560	AW551196	TC190366	null	Mm.41338
40049	28705	AW551304	null	null	Mm.102951
73892	60222	AW551411	null	null	null
58536	55062	AW551137	TC190469	null	Mm.102948
275921	256332	AW551233	TC159890	mPRL-2	Mm.6355
242812	247938	null	null	null	null
83309	106637	AW551435	TC160155	null	Mm.9210
301771	298205	AW552144	TC157557	null	null
48520	45998	null	null	null	null
1001231	1158417	AW552240	null	null	null
42608	31217	AW552293	TC168787	null	Mm.103478
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392521	239658	null	null	null	null
12676	13012	AW552251	TC170195	null	null
7619	13643	AW552390	null	null	null
158565	204189	AW553081	TC159572	ribosomal protein S14	Mm.43778
12669	8242	AW553147	TC211227	null	Mm.103034
102853	82337	AW553202	TC173392	glutathione transferase (EC 2.	Mm.2011
111699	114388	AW553271	null	null	null
320320	308512	AW553100	null	null	null
12027	23342	AW553163	TC191423	null	Mm.103529

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202254	172461	AW550810	TC176431	GCN2 eIF2alpha kinase	Mm.26931
1955864	2024444	AW550881	TC161348	null	Mm.30941
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103991	113262	AW550726	TC160387	unnamed protein product	Mm.21444
84151	112104	AW550831	TC162651	null	Mm.12573
720617	1547011	AW550895	TC186980	angiotensin II type 2 receptor	Mm.2679
1453430	859517	AW551000	null	null	null
970783	1092887	AW551969	TC157622	proline-rich protein	Mm.28797
0	0	AW552021	TC160759	null	Mm.29852
383974	244809	AW552069	TC173250	ATP synthase b chain homolog	Mm.30112
72665	46228	null	null	null	null
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202328	131172	AW552031	TC187736	m-Numb	Mm.4390
0	0	AW552076	null	null	null
73037	79898	AW552125	TC190884	null	Mm.24919
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599299	395839	AW552866	TC187039	null	Mm.2206
155573	160003	AW552928	TC200541	null	Mm.29135
0	0	AW553034	null	null	null
199825	201054	null	null	null	null
61073	74050	AW552883	null	null	null
0	0	AW552954	TC161855	null	Mm.24434
248733	269145	AW553048	TC167100	null	Mm.103026
66433	82601	AW551050	TC175604	null	Mm.27968
0	0	AW551197	null	null	Mm.102949
0	0	AW551305	TC161583	null	Mm.29671
170074	190465	AW551418	TC187285	null	Mm.34002
227484	196565	AW551139	TC158333	putative secreted protein SIG9	Mm.103533
6550	13395	AW551239	TC202669	null	Mm.3447
69576	55538	AW551321	TC187803	spermine synthase	Mm.3553
1210386	1298616	AW551441	TC200463	null	Mm.29000
0	0	AW552148	TC174873	null	Mm.10407
61475	73973	AW552195	TC200211	null	Mm.6932
93964	72039	AW552243	TC188380	null	Mm.29593
26276	20243	AW552294	TC164273	null	Mm.44032
207226	200391	AW552159	TC159526	SERCA2b isoform	Mm.42255
23888	21236	AW552205	TC176816	zinc finger protein	Mm.4417
84326	72472	AW552253	TC160729	FT1 protein	Mm.28027
131401	172580	AW552393	TC206306	null	Mm.40140
52748	57361	AW553086	TC192030	null	Mm.40842
0	0	AW553150	TC200000	hexokinase	Mm.5290
28802	22146	AW553203	TC173059	unnamed protein product	Mm.4271
32925	17988	AW553272	TC204021	null	Mm.34783
129030	117680	AW553103	TC201610	null	Mm.41940
634554	837740	AW553165	null	null	null
47941	44409	AW553219	null	null	null
162713	215941	AW553280	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
69412	62114	AW550693	TC163806	null	Mm.75856

0	0	AW550812	TC159942	aldose reductase	Mm.451
0	0	null	null	null	null
441497	330260	AW550981	null	null	null
250812	415476	AW550732	TC200151	uroporphyrinogen decarboxylase	Mm.22494
0	0	AW550832	TC175804	null	Mm.28140
305376	198200	AW550897	TC199936	p68 RNA helicase	Mm.19101
0	0	AW551003	TC173112	Epithelin 1 & 2	Mm.1568
30821	28556	AW551971	TC173741	null	Mm.38801
0	0	AW552022	TC162024	nudix hydrolase	Mm.28705
45852	40543	AW552070	TC203758	null	Mm.33383
125990	162007	AW552113	TC173896	null	Mm.21915
0	0	AW551989	TC199907	elongation factor 2	Mm.70787
0	0	AW552036	TC201159	KIAA312p	Mm.27372
0	0	AW552080	TC165416	null	Mm.100666
119811	107199	AW552126	TC157792	null	Mm.11223
0	0	AW552812	TC173113	null	Mm.400
0	0	AW552868	TC201844	null	Mm.27566
0	0	AW552932	null	null	null
0	0	AW553038	TC161374	murine arylsulfatase A	Mm.620
0	0	AW552828	TC203549	null	Mm.19059
88822	91229	AW552885	TC188993	null	Mm.41554
0	0	AW552956	TC184041	null	Mm.103023
0	0	AW553049	TC188934	null	Mm.24236
111735	140518	AW551205	TC200023	ribosomal protein L27	Mm.28985
32370	130853	AW551313	TC159688	insulin-like growth factor bin	Mm.578
552054	753225	AW551421	TC158918	UbcM4 protein	Mm.3074
87197	90165	AW551147	TC162847	null	Mm.24436
89651	84396	AW551243	TC176367	null	Mm.2833
67452	92962	AW551325	TC159873	milk fat globule glycoprotein	Mm.1451
24916	56911	AW551442	TC176539	null	Mm.45769
30646	30292	AW552152	TC175469	null	Mm.21217
108849	163304	AW552197	null	null	Mm.43309
33347	33906	AW552244	TC157506	null	Mm.42032
84470	103808	AW552384	TC161118	null	Mm.41713
106996	93376	AW552166	TC173388	superoxide dismutase 1, cyto	Mm.5274
20316	6948	AW552206	TC159743	null	Mm.38494
14100	12811	AW552254	TC164165	null	Mm.39744
56960	62570	AW552394	TC162345	null	Mm.39097
41959	47129	AW553089	TC188941	gp180-carboxypeptidase D-like	Mm.20910
49173	45061	AW553151	TC159199	null	Mm.34894
220528	110267	AW553206	TC173392	glutathione transferase (EC 2.	null
37741	51682	AW553273	TC178548	null	Mm.95879
0	0	AW553104	TC161698	null	Mm.41274
0	0	AW553169	null	null	null
0	0	AW553221	TC174438	menin	Mm.12917
43290	47794	AW553286	TC175687	null	Mm.26944
140392	161381	AW550697	TC202582	null	Mm.6499
672032	539858	AW550816	null	null	null
1558756	1954517	AW550882	TC192129	null	Mm.102938
594902	490028	AW550992	TC197675	null	null
820008	1138051	AW550740	TC161323	null	Mm.28777



0	0	AW550835	null	null	null
851530	1366524	AW550900	TC188228	emerin	Mm.18892
266310	325791	AW551007	TC175974	null	Mm.25937
38072	36505	AW551973	TC176403	null	Mm.26652
26850	21317	AW552024	TC174404	null	Mm.102984
335052	261806	AW552072	null	null	null
0	0	AW552114	TC161212	TERF1-interacting nuclear prot	Mm.3680
472274	581521	AW551989	TC199907	elongation factor 2	Mm.70787
428413	499521	null	null	null	null
0	0	AW552082	TC205385	null	Mm.32755
26569	31369	AW552126	TC157792	null	Mm.11223
484266	355744	AW552818	TC186544	null	Mm.21905
309498	337178	AW552869	TC175228	null	Mm.21535
305963	535403	AW552943	TC200037	null	Mm.10474
38346	26993	AW553041	TC188470	putative RNA helicase	Mm.23705
97280	187636	AW552829	null	null	null
126214	160544	AW552886	TC186422	murine valosin-containing prot	Mm.18921
189822	249048	AW552958	TC186544	null	Mm.21905
459334	610093	AW553050	TC204346	null	Mm.34790
0	0	null	null	null	null
418997	486795	AW551221	null	null	null
175743	222223	AW551315	TC159482	S29 ribosomal protein	Mm.35816
176691	218964	AW551423	TC163615	null	Mm.94926
35634	24916	AW551149	TC174013	protein kinase inhibitor gamma	Mm.10091
78566	62166	AW551247	TC175918	null	Mm.34706
42844	34358	AW551326	TC192130	null	Mm.177
147688	213335	AW551443	null	null	null
23850	25223	null	null	null	null
0	0	AW552198	null	null	null
0	0	AW552246	TC202482	null	Mm.30075
0	0	AW552385	TC201410	talin	Mm.4053
147456	88942	AW552167	TC158357	pelle-like protein kinase	Mm.38241
224084	224268	AW552208	TC200472	cell-surface sialomucin MGC-24	Mm.28083
80396	71642	AW552255	null	null	null
244902	394757	AW552395	TC175638	null	Mm.7050
113672	128682	AW553091	TC160655	P26s4	Mm.2222
0	0	AW553155	TC202518	co-chaperone mt-GrpE#2 precurs	Mm.12959
96782	93159	AW553207	TC159459	SC1 precursor	Mm.29027
0	0	AW553276	null	null	null
36724	23517	AW553105	TC157951	null	Mm.38317
0	0	AW553170	null	null	Mm.103036
0	0	AW553222	TC161614	null	Mm.45104
228363	219917	AW553287	null	null	Mm.103043
0	0	AW553740	null	null	Mm.103066
10978	10671	null	null	null	null
121310	71205	AW553875	TC159946	null	Mm.13445
41178	35898	AW553936	TC160190	mouse transcription factor kA1	Mm.3406
903409	525547	AW553758	TC175261	null	Mm.24126
176713	193566	AW553809	TC160560	RNAse L inhibitor	Mm.5831
41034	41251	AW553892	null	null	Mm.103074
0	0	AW553953	TC207785	null	null

69944	86127	AW554716	null	null	Mm.103108
8105	8053	AW554807	TC207295	null	Mm.40513
22887	29776	AW554879	null	null	null
145875	150696	AW554943	TC157702	null	Mm.22635
0	0	AW554730	TC192301	null	Mm.37921
101967	88439	AW554825	TC160319	unnamed protein product	Mm.41782
30805	29065	AW554902	null	null	null
119919	107090	AW554960	null	null	null
282804	251637	AW555684	TC157688	HN1	Mm.1775
411469	386149	AW555736	null	null	null
324728	264773	AW555775	TC178609	null	Mm.103155
107348	131400	AW555698	TC159454	DRPLA protein	Mm.3172
499705	524411	AW555748	null	null	null
119549	108995	AW555785	null	null	null
124952	147156	AW554002	TC191452	null	Mm.27370
1160846	990707	AW554082	null	null	null
0	0	AW554141	TC206759	null	Mm.100334
17353	18238	AW554202	null	null	null
0	0	AW554030	TC203738	null	Mm.91081
0	0	AW554098	TC157683	voltage dependent anion channe	Mm.569
73933	63502	null	null	null	null
283393	154282	AW554215	null	null	Mm.16773
0	0	AW555035	null	null	null
0	0	AW555089	null	null	null
354363	610878	AW555131	null	null	Mm.103126
715778	604414	AW555179	null	null	null
0	0	AW555050	null	null	Mm.103123
0	0	AW555096	TC188016	tumor suppressor p53	Mm.222
153097	103749	AW555145	TC160531	null	Mm.28349
108771	115387	AW555189	TC200990	null	Mm.24997
42774	55507	null	null	null	null
11581	9784	AW555936	null	null	Mm.103031
0	0	AW556004	TC200349	Rho family GTPase RhoA	Mm.757
0	0	AW556065	null	null	null
293093	377925	AW555856	TC199923	ribosomal protein S19	Mm.22103
76801	49463	AW555958	TC201251	null	Mm.29802
7005	3426	AW556026	TC206607	null	Mm.103160
19734	12693	AW556081	TC187210	null	Mm.30740
12823	13483	AW553743	TC180528	null	Mm.103064
79894	84161	AW553798	null	null	Mm.103070
12290	18174	AW553876	TC187704	null	Mm.38367
0	0	AW553938	TC194154	null	Mm.103077
137242	116214	AW553760	TC173583	null	Mm.34907
104304	70816	AW553810	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
41348	36119	AW553894	TC190698	null	Mm.23806
82569	63009	AW553961	TC160654	null	Mm.29987
21692	15855	AW554719	TC188437	null	Mm.28635
14697	20740	AW554818	TC202234	null	Mm.40623
9356	9710	AW554882	TC209533	null	null
522403	363669	AW554947	TC174377	null	Mm.35618
15881	33570	AW554737	TC161512	null	Mm.21972

0	0	null	null	null
99995	95914	AW554903	TC161838	null
111637	94544	AW554974	TC158836	null
359530	276883	AW555686	TC203020	null
924384	802906	AW555738	null	null
1032828	897227	AW555778	TC160740	null
777261	629867	AW555699	TC177480	null
532683	429292	AW555749	null	null
547698	717903	AW555786	null	null
244908	192236	AW554005	TC201772	null
102644	96007	AW554084	TC187719	null
20553	15580	AW554147	TC205842	null
30360	25114	AW554205	TC199202	null
106318	107623	AW554031	TC192165	null
77118	58415	AW554102	TC176681	paraoxonase-3
48922	48067	AW554154	TC165703	null
0	0	AW554217	TC184143	null
173174	171904	AW555036	TC158612	null
81198	73943	AW555090	TC163742	MMUSF
105436	91765	AW555133	TC200878	null
45132	32987	AW555181	null	null
0	0	AW555051	null	null
18080	13001	AW555098	TC202422	null
52109	43988	AW555147	TC179037	null
156704	175397	AW555189	TC200990	null
41088	28986	AW555835	null	null
61224	55299	AW555938	TC161401	null
20361	20091	AW556007	TC179186	null
62604	57841	AW556068	TC190747	null
127214	140146	null	null	null
317696	469010	AW555962	null	null
67210	63001	AW556027	TC189534	null
73350	58278	AW556082	TC200423	null
16715	7894	AW553749	TC176438	null
24525	23078	null	null	null
22828	17849	null	null	null
49891	58082	AW553939	TC186623	MCM2
0	0	AW553761	TC190693	null
97178	67054	AW553811	TC158241	band 3-related protein
60923	56227	AW553895	TC188880	null
113954	130262	AW553963	TC190762	null
181317	164028	AW554722	TC173763	null
57236	61572	AW554820	TC201202	null
98457	66985	AW554889	TC188975	putative potassium-chloride co
141994	173812	AW554948	TC186862	centrosomin B
47400	51638	AW554745	TC175901	null
12319	9921	null	null	null
372708	453162	AW554909	TC159789	ribosomal protein L8
129340	78873	AW554975	TC187927	null
332289	213200	AW555687	TC201355	null
222963	217283	AW555740	TC188394	null

406612	349062	AW555779	TC188132	protein kinase	Mm.8385
1215047	970662	AW555750	TC163788	null	Mm.7033
201359	231172	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
67254	60243	AW554016	TC189936	null	Mm.32827
59636	48764	AW554085	TC157628	BUB2-like protein 1	Mm.29982
24294	23843	AW554148	null	null	null
96405	112917	AW554208	TC173980	null	Mm.18924
211529	224405	AW554034	null	null	null
238369	152264	AW554103	null	null	null
44000	39468	AW554155	TC160255	ligatin	Mm.7330
90070	114362	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
1015944	881833	AW555040	null	null	null
99804	99305	AW555091	TC167118	null	null
19036	16320	AW555134	null	null	null
104976	122380	AW555183	TC193151	null	Mm.55899
1418326	1517395	AW555055	null	null	null
112726	108149	AW555102	null	null	null
240763	290980	AW555150	TC161823	null	Mm.32196
52387	66293	AW555191	TC200479	protein 4.1G	Mm.814
184668	161537	AW555836	TC188238	CAAT-box DNA binding protein s	Mm.3259
131063	125478	AW555939	TC160998	null	Mm.28312
94880	100789	AW556011	TC176577	null	Mm.28940
63902	52930	AW556069	TC157795	null	Mm.103164
68603	67734	AW555863	TC170706	null	null
914330	757959	AW555965	null	null	null
39782	42109	AW556031	TC187999	null	Mm.29243
100207	123751	AW556085	null	null	null
0	0	AW553752	null	null	null
54147	36904	AW553802	null	null	Mm.104512
20978	16172	AW553880	TC167429	null	Mm.103073
21265	21213	AW553944	TC202807	null	Mm.46656
63174	58630	AW553762	null	null	null
481922	274587	AW553814	TC175084	null	Mm.38087
59164	50007	AW553896	TC204203	null	Mm.41768
50136	55299	AW553964	null	null	null
28572	23371	AW554727	null	null	Mm.103109
177924	232487	AW554821	null	null	Mm.103113
326898	305700	AW554892	TC187555	null	Mm.29700
83539	111794	AW554953	null	null	Mm.103121
27271	15622	AW554746	null	null	Mm.103110
43453	53162	AW554829	TC177925	null	Mm.87189
78710	113060	AW554911	TC187631	null	Mm.44209
87998	96467	AW554976	TC174807	small GTP-binding protein asso	Mm.21904
23408	25741	AW555689	TC186892	null	Mm.46725
894528	1209871	AW555741	TC186487	non-histone chromosomal high-m	Mm.16421
252784	231642	AW555781	TC187331	precursor polypeptide (AA -25	Mm.2570
202447	235273	AW555701	TC203243	potassium channel Kv4.2	Mm.5302
42910	41350	AW555751	null	null	Mm.41349
702080	825407	AW555794	TC187151	antioxidant enzyme AOE372	Mm.19127
36404	39075	AW554021	TC161856	null	Mm.29954
33297	39311	AW554091	TC174968	null	Mm.9870

116045	79136	AW554149	TC157671	tyrosine kinase	Mm.35650
48229	33394	AW554209	TC200342	long chain fatty acyl CoA synt	Mm.28962
19669	18245	AW554038	TC206390	null	Mm.103080
6119	7620	AW554104	null	null	null
366141	269908	AW554157	TC200773	FAN protein	Mm.3059
45232	65578	AW554219	TC159909	cathepsin D (AA 1-410)	Mm.2147
969505	1262843	AW555043	TC191261	null	Mm.45591
363043	486869	null	null	null	null
211900	217807	AW555136	null	null	null
41746	60246	AW555184	TC201437	null	Mm.31097
731345	756499	AW555056	null	null	null
808509	790889	AW555103	TC187304	fibroglycan (syndecan-2)	Mm.29350
64601	70924	AW555152	null	null	null
46139	40372	null	null	null	null
401515	354402	AW555840	TC160290	null	Mm.4538
142619	144253	AW555941	TC162373	male-specific lethal-3 homolog	Mm.24248
110566	140380	AW556014	TC174934	null	Mm.45738
162461	156685	AW556074	null	null	Mm.2632
22301	26237	AW555872	TC202385	branched-chain amino acid amin	Mm.4811
165132	163256	AW555967	TC162334	null	Mm.28766
51289	51148	AW556032	null	null	Mm.103161
50950	43367	AW556086	null	null	null
15138	6916	AW553754	TC205603	null	Mm.96408
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0	0	AW553882	TC161616	null	Mm.38168
0	0	AW553949	null	null	Mm.103078
90254	127773	AW553763	TC186452	unknown	Mm.1089
0	0	AW553816	null	null	null
0	0	AW553897	TC188576	uroporphyrinogen III synthase	Mm.3160
14426	1614	AW553967	TC176456	null	Mm.31770
84198	107154	AW554728	TC174516	mEnx-1	Mm.4303
0	0	null	null	null	null
0	0	AW554898	TC160912	Gas1 protein	Mm.22701
0	0	AW554954	TC161530	N-cadherin	Mm.14897
0	0	AW554748	TC158204	MHC class I heavy chain precur	Mm.33263
232743	218206	AW554830	null	null	null
0	0	AW554913	null	null	Mm.103119
0	0	AW554990	TC178480	null	Mm.73170
0	0	AW555690	TC188970	cholinephosphate cytidyltran	Mm.3905
0	0	AW555743	TC207029	null	Mm.103154
0	0	AW555782	TC161586	null	Mm.29088
0	0	AW555704	TC159517	ribosomal protein S24	Mm.16775
0	0	AW555753	null	null	null
0	0	AW555795	null	null	null
404767	362962	AW554024	TC161249	null	Mm.38451
140710	113175	AW554095	TC164573	null	Mm.72993
1231410	976845	AW554150	TC200212	ARF4	Mm.1486
75935	60242	AW554212	TC163547	null	Mm.40987
12166	7964	AW554040	TC186938	pigment epithelium-derived fac	Mm.2044
160783	193343	AW554105	TC201177	null	Mm.3037
77493	65335	AW554162	TC186999	null	Mm.41443

12166	10896	AW554220	null	null	Mm.103089
205181	248266	AW555045	TC188980	null	Mm.28149
0	0	AW555092	TC167771	null	Mm.103125
96779	68056	AW555138	TC201045	NGFI-A binding protein 2	Mm.2489
35856	34825	AW555185	TC160596	null	Mm.27499
54626	54193	AW555058	null	null	null
71227	75148	AW555106	TC176160	null	Mm.45573
0	0	AW555154	TC202835	null	Mm.5727
0	0	AW555199	TC161000	null	Mm.22317
16049	18386	AW555843	TC163599	null	Mm.32497
123596	103666	AW555942	TC202407	centromere autoantigen B (CENP	Mm.41454
10692	10587	AW556016	TC163236	null	Mm.46529
204366	175242	null	null	null	null
17924	22750	AW555873	TC197199	null	Mm.103157
293349	322349	null	null	null	null
96484	90643	null	null	null	null
134054	142738	AW556087	TC175648	ROSA26AS	Mm.781
394766	255689	AW553757	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
35294	30700	AW553808	null	null	Mm.52307
125374	109041	AW553891	null	null	null
234182	156497	AW553950	TC160394	AES-2 protein	Mm.2626
0	0	AW553764	TC180398	null	Mm.103067
0	0	AW553818	TC174959	null	Mm.29703
82901	76532	AW553909	TC162171	null	Mm.24294
0	0	AW553972	null	null	Mm.34618
77014	49907	AW554729	TC201967	null	Mm.50655
86922	92371	AW554824	TC163514	null	Mm.28329
79179	81159	AW554900	TC184008	null	Mm.103118
53836	36920	AW554959	TC161015	null	Mm.34257
276838	272155	AW554755	TC158899	ribosomal protein L38	Mm.43330
76141	59240	AW554833	null	null	null
168023	171198	AW554915	TC160492	skeletal muscle LIM protein	Mm.3126
84577	65528	null	null	null	null
443564	359445	AW555694	TC200966	Wolf-Hirschhorn syndrome candi	Mm.17154
493838	596427	AW555746	TC160666	RNA-binding protein stauflen	Mm.41650
0	0	AW555784	null	null	null
309451	335764	AW555704	TC159517	ribosomal protein S24	Mm.16775
207302	251815	AW555754	TC200243	null	Mm.2660
1001569	781020	AW555798	TC159426	retinoid X receptor interactin	Mm.88061
151030	119661	AW554028	TC175904	null	Mm.41020
72262	58325	AW554097	TC189385	null	Mm.30209
172400	154404	null	null	null	null
30704	33136	AW554214	TC192992	null	Mm.103087
123044	141613	AW554044	TC165110	null	Mm.23135
492624	613445	AW554113	null	null	Mm.103084
286220	379962	AW554163	null	null	Mm.103085
100518	176507	AW554221	TC177635	post-replication repair protei	Mm.70459
202146	204089	AW555047	TC159693	NADH oxidoreductase	Mm.29513
72866	59055	AW555095	TC187648	pituitary tumor transforming g	Mm.6856
129380	135890	AW555139	TC162785	null	Mm.9676
45903	38327	AW555188	TC187824	62 kDa subunit of TFIIH	Mm.22700

48312	65173	AW555061	TC187945	null	Mm.16925
99068	105542	AW555107	TC159002	RAD54	Mm.3655
186683	148767	AW555155	TC158601	null	Mm.32846
0	0	AW555201	null	null	Mm.103130
227262	222895	AW555853	null	null	null
490686	581116	AW555949	TC176029	null	Mm.5348
52833	46546	AW556021	TC202477	null	Mm.5396
91317	148095	AW556076	TC160225	null	Mm.4042
344757	352082	AW555877	TC186511	GDP dissociation inhibitor bet	Mm.19123
210461	313907	AW555980	null	null	null
244883	202135	AW556036	TC200899	null	Mm.28285
106241	104860	AW556088	TC163364	null	Mm.24863
40602	48664	AW556545	TC207591	null	null
196352	130631	AW556594	null	null	Mm.103189
15214	14556	AW556680	TC190679	null	Mm.33147
115139	92511	AW556719	TC188235	null	Mm.29385
26699	21356	AW556556	TC186944	null	Mm.38387
30074	24780	AW556612	TC175335	null	Mm.3080
0	0	null	null	null	null
34443	29815	null	null	null	null
103915	143586	AW557527	TC164361	null	Mm.45796
34572	40431	AW557601	null	null	null
1871136	958035	AW557671	TC159993	succinate dehydrogenase Fp sub	Mm.22149
99092	84054	AW557736	TC187104	null	Mm.29707
146485	143571	AW557541	TC160269	unknown	Mm.24116
29382	50930	AW557617	TC200027	brain expressed X-linked prote	Mm.90787
180875	174212	AW557680	TC201285	null	Mm.21092
50839	46334	AW557749	null	null	null
79701	87463	AW558553	null	null	Mm.104522
160017	93948	AW558443	TC158300	mitochondrial aspartate aminot	Mm.18916
70379	71968	null	null	null	null
107987	127121	AW558669	TC200796	acyl-coenzyme A: cholesterol a	Mm.28099
326850	247912	AW558573	TC203807	null	Mm.5258
894983	805458	AW558457	null	null	null
31200	29908	AW558614	TC177219	N-acetyllactosaminide alpha-2,	Mm.103364
39640	35044	AW558692	TC201090	null	Mm.27904
114435	124441	AW556802	TC203608	null	Mm.70309
0	0	AW556867	TC191952	null	Mm.23858
13601	12082	null	null	null	null
0	0	AW556958	TC191333	null	Mm.39312
156670	137526	AW556827	TC206919	null	Mm.102946
0	0	AW556880	TC212484	null	Mm.103198
179060	160159	AW556925	TC200043	extra large alpha stimulating	Mm.17446
31786	33178	AW556974	TC178870	null	Mm.18168
221819	279580	AW557796	TC200752	null	Mm.27799
0	0	AW557846	TC176733	null	Mm.32139
682602	530157	AW557886	TC160697	null	Mm.22749
276105	220581	AW557944	TC162726	null	Mm.954
2227643	1337865	AW557809	TC157592	E25B protein	Mm.4266
149240	137167	null	null	null	null
45745	50805	AW557901	TC193191	null	Mm.17541

145617	262441	null	null	null	null
661169	827619	AW558740	TC202143	alpha-mannosidase	Mm.30174
18744	9043	AW558818	TC158992	null	Mm.8552
114241	117400	AW558877	TC211276	null	null
52316	47080	AW558946	TC188047	protein phosphatase 5; PP5	Mm.3294
89186	64176	AW558760	null	null	null
130895	117625	AW558836	null	null	null
197904	80907	AW558892	TC204536	null	Mm.33577
23887	19806	AW558973	null	null	null
19877	19655	AW556546	TC204701	null	Mm.73091
111214	80097	AW556595	null	null	Mm.103190
0	0	AW556683	null	null	null
11766	13672	null	null	null	null
0	0	AW556558	TC164263	null	Mm.30111
0	0	AW556614	TC203331	null	Mm.21572
8604	6149	AW556693	TC197610	null	Mm.103194
19859	21634	AW556743	TC175285	hypothetical protein	Mm.30006
991474	757936	AW557529	null	null	Mm.5305
68747	53695	AW557606	TC161003	Grb2 adaptor protein	Mm.6900
134497	141513	AW557674	null	null	null
1677095	1549547	null	null	null	null
0	0	AW557545	TC163441	null	Mm.102286
21749	10728	AW557622	TC162859	deltaEF1	Mm.3929
1243156	1064227	AW557684	TC200991	null	Mm.38825
105242	135953	AW557754	TC175168	null	Mm.41264
146443	189089	AW558554	TC159097	cell surface molecule OX-2	Mm.8649
141948	100539	AW558444	TC159014	IGTP	Mm.858
383242	279679	AW558488	TC160746	null	Mm.52
780134	655319	AW558672	null	null	null
47926	50890	AW558574	TC175528	null	Mm.30596
345423	352979	AW558458	TC207022	null	Mm.103288
648480	624822	AW558616	null	null	null
665651	388951	AW558695	TC174085	TFG protein	Mm.41374
12899	6311	AW556805	TC200340	EAT/MCL-1	Mm.1639
117812	82538	AW556868	TC175395	S182 protein	Mm.998
9025	8281	AW556917	null	null	Mm.103206
19927	11554	AW556959	null	null	null
886340	881734	AW556830	TC174212	null	Mm.22597
38664	26429	AW556881	null	null	Mm.103201
23615	23319	AW556927	TC162303	null	Mm.28969
79141	77272	AW556977	TC160058	zipper protein kinase	Mm.4358
408430	513673	AW557797	TC211258	null	null
425499	237658	AW557848	TC187580	C33/R2/IA4	Mm.4261
69932	83998	AW557889	TC187216	asparagine synthetase	Mm.2942
68333	56391	AW557946	TC159159	null	Mm.1881
454953	241262	AW557813	null	null	null
0	0	AW557861	null	null	null
118676	103988	AW557904	null	null	null
0	0	AW557962	null	null	null
266791	249551	AW558745	TC175171	null	Mm.28744
592517	467568	AW558819	TC187390	null	Mm.29150



353769	353557	AW558879	TC199903	c-myc binding protein MM-1	Mm.836
950181	815367	AW558948	TC186965	null	Mm.35064
133712	122588	AW558767	TC175882	null	Mm.31175
814664	684992	AW558837	TC203501	null	Mm.25459
21397	18606	null	null	null	null
1946264	1794245	AW558981	null	null	null
56341	46143	AW556549	TC202840	homolog of human gene underlyi	Mm.135
234107	180758	AW556597	TC207072	null	Mm.103191
12649	9821	AW556685	TC161391	null	Mm.29619
16022	17695	AW556728	TC170174	null	Mm.100857
70938	61649	AW556563	null	null	null
460113	412474	AW556615	null	null	null
692034	613536	null	null	null	null
0	0	AW556749	TC190441	null	Mm.46145
372572	390136	AW557531	TC207002	null	Mm.103246
42443	31928	AW557607	TC163276	synaptonemal complex protein 1	Mm.4564
0	0	AW557675	TC189530	null	Mm.22780
592319	783564	AW557742	null	null	Mm.103252
0	0	AW557547	null	null	null
0	0	AW557628	TC167066	null	Mm.39131
123159	133600	AW557686	null	null	null
115912	136187	AW557755	TC162029	null	Mm.21814
112999	97079	AW558556	TC174385	putative phosphoinositide 5-ph	Mm.1458
13806	8533	null	null	null	null
286452	315358	AW558496	TC200162	null	Mm.23
144411	151491	null	null	null	null
85914	75286	AW558576	TC179933	null	Mm.44314
56035	40785	AW558460	TC173819	null	Mm.10167
502724	400812	AW558617	null	null	null
25241	16505	AW558696	TC180627	null	null
44796	39955	AW556821	TC202431	null	Mm.46254
88866	99226	AW556871	TC173933	centrin	Mm.12481
90860	60660	AW556919	null	null	null
19695	15089	AW556961	TC167274	null	Mm.103003
131806	93778	AW556832	TC211324	null	Mm.102947
68187	66082	AW556882	null	null	null
31263	32259	AW556929	TC201645	null	Mm.25315
110705	103871	AW556980	TC174403	null	Mm.14569
98537	99393	AW557798	TC163172	null	Mm.21158
38328	32137	AW557850	null	null	null
67789	72544	AW557894	TC158387	null	Mm.22440
1445106	1507988	AW557947	null	null	null
370883	293207	AW557817	TC187157	cdc2/CDC28-like protein kinase	Mm.18476
134993	134687	null	null	null	null
37667	35497	AW557905	TC179012	null	Mm.103263
24639	24540	AW557965	TC177148	null	Mm.100317
398773	244011	AW558748	TC189517	IGIF precursor polypeptide	Mm.1410
103556	89176	AW558823	null	null	Mm.103292
301239	358675	AW558881	null	null	null
506696	496836	AW558951	TC173516	null	Mm.24463
808649	618195	null	null	null	null

163524	95426	AW558839	TC175554	null	Mm.29485
504382	316821	AW558893	TC200494	null	Mm.20841
134891	132380	AW558982	null	null	Mm.38241
0	0	AW556551	null	null	Mm.103186
19703	17286	AW556607	TC176407	null	Mm.41254
68865	68419	AW556687	null	null	null
67358	87611	AW556729	TC160267	Dhm1 protein	Mm.3065
0	0	AW556565	TC163067	protein kinase C zeta	Mm.28561
0	0	AW556616	TC188430	null	Mm.24442
53457	49289	AW556699	TC202358	null	Mm.6847
24934	23194	AW556751	TC203551	null	Mm.34590
138988	144057	AW557537	TC175724	zinc finger protein (Zfx)	Mm.919
616994	242909	AW557609	TC188358	null	Mm.21553
0	0	null	null	null	null
36405	36065	AW557743	TC175388	null	Mm.38014
2387728	2557082	AW557548	TC173296	null	Mm.11204
56064	45478	AW557635	TC161142	null	Mm.22123
0	0	AW557693	TC173131	null	Mm.29859
352177	342120	AW557758	TC175903	null	Mm.21286
108359	107240	AW558560	TC200189	null	Mm.11199
253481	224911	AW558451	TC159984	null	Mm.21606
737461	752836	AW558502	null	null	Mm.3746
195894	120110	AW558684	TC189143	null	Mm.22438
607189	441242	AW558580	TC160238	DnaJ-like protein	Mm.27897
86575	60537	AW558461	TC190537	null	Mm.183
153712	133968	AW558619	null	null	null
221351	249063	AW558700	TC161562	null	Mm.28459
103057	89524	AW556823	TC173302	P2B/LAMP-1	Mm.16716
0	0	null	null	null	null
12987	19586	AW556921	TC161235	null	Mm.27386
0	0	AW556962	null	null	null
103980	99594	AW556833	null	null	null
37261	32797	AW556886	TC203049	null	Mm.45141
64636	57108	AW556930	null	null	Mm.103207
273601	175490	AW556981	TC158477	mDj7	Mm.27432
70845	66248	AW557802	TC188071	null	Mm.27043
218598	128730	AW557852	null	null	null
365076	202638	AW557897	null	null	null
153219	183450	AW557952	TC159443	CDEI binding protein	Mm.19133
178506	163098	AW557818	TC159911	null	Mm.33851
101301	74110	AW557862	TC202689	null	Mm.24786
290187	406032	AW557912	TC202580	null	Mm.28717
89233	98596	AW557967	TC188881	null	Mm.27670
1640457	1043316	AW558751	TC200271	antizyme inhibitor	Mm.6775
263733	261574	AW558825	null	null	Mm.103294
722596	651125	AW558883	null	null	null
267569	185289	AW558954	null	null	null
988980	890382	AW558773	TC162501	null	Mm.34155
62537	55178	AW558842	TC158329	null	Mm.35269
82481	86072	AW558894	TC189814	null	Mm.28037
28032	28463	null	null	null	null

0	0	AW556552	TC202524	null	Mm.38917
284806	227345	AW556608	null	null	null
59618	50262	AW556691	TC157821	null	Mm.1190
182485	155098	AW556732	TC160269	unknown	Mm.396
0	0	AW556566	TC174614	p55	Mm.2814
0	0	null	null	null	null
0	0	AW556701	TC187476	serpentine receptor	Mm.13799
0	0	AW556753	null	null	null
0	0	AW557538	null	null	null
70561	67426	AW557610	TC204891	null	Mm.102207
0	0	AW557677	TC177268	null	Mm.77076
353508	273778	AW557746	TC187206	null	Mm.28883
0	0	AW557550	TC173704	null	Mm.666
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0	0	AW558455	TC177191	null	Mm.30647
0	0	AW558600	TC192752	null	Mm.103289
0	0	AW558688	null	null	Mm.24289
25311	3058	AW558581	null	null	null
0	0	null	null	null	null
0	0	AW558626	TC189371	null	Mm.27405
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149852	130809	AW556824	TC193248	null	Mm.102945
52312	37425	AW556876	TC177229	null	Mm.64889
36045	24982	null	null	null	null
222872	251177	AW556964	TC186785	SIG41	Mm.2984
173655	158945	AW556835	TC187643	null	Mm.985
0	0	AW556888	TC175048	null	Mm.34129
0	0	AW556932	TC174409	null	Mm.29233
24843	26880	AW556983	TC189666	null	Mm.28362
231290	175498	AW557803	TC158214	null	Mm.33786
105031	116661	AW557853	TC160575	null	Mm.29253
57938	46975	AW557898	TC173538	null	Mm.30020
39228	34161	AW557953	null	null	null
78183	62376	AW557819	TC201217	null	Mm.41765
7868	9881	AW557863	TC207625	null	Mm.103259
140143	125503	AW557915	TC174677	enhancer of zeste homolog 1	Mm.5027
1110915	1154676	AW557968	null	null	Mm.103265
42392	54705	AW558755	TC161418	null	Mm.45581
156792	146236	AW558832	null	null	null
48679	58445	AW558888	null	null	Mm.103298
512395	459633	AW558964	TC162298	null	Mm.12309
1878249	1830783	AW558778	TC187565	null	Mm.29431
1141874	1260609	AW558843	TC187272	type IV collagenase	Mm.29564
178277	216951	AW558896	TC158943	NNP-1	Mm.38344
28492	32018	null	null	null	null
33753	18070	AW556555	TC203654	null	Mm.29639
482335	395441	AW556609	TC173600	NAD(H)-specific isocitrate deh	Mm.14825
216527	212306	AW556692	null	null	null

28414	17862	AW556736	null	null	null
172882	153300	AW556567	null	null	null
354914	444293	AW556623	TC160910	null	Mm.20806
60026	64217	AW556702	TC170759	null	null
500965	497896	AW556755	null	null	Mm.103196
307992	395296	AW557540	TC161506	null	Mm.25504
53461	53392	AW557616	TC167015	null	Mm.103249
407359	525910	AW557678	TC162168	null	Mm.24868
49295	62675	AW557747	TC163019	null	Mm.46367
429728	358230	AW557553	TC201383	null	Mm.28085
73473	47999	AW557638	null	null	Mm.4071
588464	577983	AW557700	null	null	null
370780	333657	null	null	null	null
93641	104895	AW558570	TC161083	null	Mm.45447
627504	830410	AW558456	TC158182	null	Mm.13859
81518	54986	AW558609	TC201514	calmodulin-binding protein	Mm.1222
0	0	AW558689	null	null	Mm.23761
99080	77270	AW558582	TC187585	null	Mm.29540
265923	208721	AW558463	TC200542	null	Mm.29823
23682	33240	AW558628	null	null	null
248784	275948	AW558710	TC201844	null	Mm.27566
95360	94846	AW558625	TC161676	PAF acetylhydrolase	Mm.9277
166314	196636	AW558679	TC160653	DJ-1	Mm.2507
42957	52817	AW556923	TC188020	farnesyltransferase alpha subu	Mm.3496
38920	35124	AW556969	TC188186	null	Mm.29978
19948	24206	AW556837	TC200779	G9A	Mm.28155
0	0	AW556889	TC167067	null	Mm.103202
52013	62332	AW556933	TC200452	null	Mm.29724
137447	178649	null	null	null	null
673348	548739	AW557808	TC187325	null	Mm.29503
143335	257420	AW557856	TC160115	null	Mm.2017
486572	598044	AW557899	null	null	null
30433	31987	AW557957	TC158346	null	Mm.34326
40004	37528	AW557822	TC203783	null	Mm.1865
79954	106783	AW557864	TC206754	zinc finger protein 105	Mm.20430
0	0	AW557919	null	null	null
2524737	1575196	AW557972	TC200948	null	Mm.29769
270423	285653	AW558756	TC187228	null	Mm.38184
460822	725822	AW558834	TC158479	lymphocyte specific adaptor pr	Mm.9036
127537	86631	AW558891	TC157903	T10	Mm.27502
68552	57050	AW558971	TC189384	null	null
161871	199686	AW558779	TC202237	Supt6h	Mm.20755
2189938	2339763	null	null	null	null
207238	180327	AW558897	TC158488	null	Mm.35443
217119	274411	AW558989	TC189558	null	Mm.24788
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8659	8739	AI181750	null	null	null
70567	61361	AI197357	null	null	null
37761	17046	BE135106	null	null	null
0	0	AA738672	null	null	null
148808	126027	AI121676	null	null	null

0	0	AI115909	null	null	null
0	0	BE197281	null	null	null
41379	39867	BE375643	null	null	null
55744	52100	BE375388	null	null	null
29741	39413	BE531981	null	null	null
396525	254476	BE532272	null	null	null
24416	22107	BE377468	null	null	null
144933	128842	BE531489	null	null	null
47845	44655	BE532437	null	null	null
82919	63074	BE532020	null	null	null
914231	546594	M86720	null	null	null
735223	427127	AF191028	null	null	null
284900	425974	null	null	null	null
337511	508746	null	null	null	null
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0	0	AW108441	null	null	null
69786	66403	AW213962	null	null	null
0	0	AW411866	null	null	null
0	0	AI874626	null	null	null
9687	6254	AW318384	null	null	null
71719	46774	AW231037	null	null	null
0	0	AW476642	null	null	null
0	0	BE380637	null	null	null
81089	112670	BE381804	null	null	null
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9495	6573	BE381543	null	null	null
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13387	5658	null	null	null	null
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12826	7321	AA790328	null	null	null
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19338	21472	AI835562	TC175067	null
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87435	59337	AI835702	TC173902	GM2 activator protein
287131	329883	AI835756	TC173333	null
424563	247088	AI835937	TC200006	null
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56652	50001	AI835714	TC157765	null
13742	7803	AI835902	TC188345	null
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22369	16023	AI836079	TC191308	null
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33721	21260	AI840317	TC162612	null
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15429	18233	AI840303	TC160381	null
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14617	8929	AI838445	null	null	Mm.39136
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45187	38933	AI835509	TC178505	null	Mm.36089
149684	117280	AI835720	TC187795	D7H11orf15 protein	Mm.35680
374895	194231	AI835904	TC188373	null	Mm.41658
27028	21911	AI835947	TC192945	null	Mm.32808
22838	16634	AI836081	TC174681	null	Mm.41704
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16335	19660	AI836793	TC187454	null	Mm.24092
130934	87094	AI836816	TC186955	null	Mm.41791
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8747	7216	X56062	null	null	null
2149629	426705	AF198054	null	null	null
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7590	4925	AI836340	TC176873	AE3 protein	Mm.5053
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98022	92973	AI836164	null	null	null
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230736	252086	AI836995	TC159884	alpha NAC/1.9.2. protein	Mm.3746
133736	121044	AI838464	TC186446	protein phosphatase 1cgamma	Mm.7793
89885	81376	AI836059	TC201745	null	Mm.29895
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27567	31064	AI835510	null	null	Mm.29627
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38305	33511	AI835325	TC160670	Keap1	Mm.20905
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95302	74161	AI835706	TC201989	contains transmembrane (TM) re	Mm.24571
76849	33587	AI835761	null	null	null
223645	213355	AI835942	TC188188	bet3	Mm.8392
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24020	15398	AI835723	TC192056	null	Mm.40366
428081	510126	AI835911	TC199968	null	Mm.21953
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13623	15375	AI836795	null	null	Mm.39521
49493	39937	AI836818	TC200150	null	Mm.29844
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35370	26720	AI836801	TC188924	nuclear pore membrane glycopro	Mm.28162
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780004	451686	U91966	null	null	null
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768515	1214026	AF247559	null	null	null
0	0	X56062	null	null	null
2618419	570018	AF198054	null	null	null
206558	244744	AI835499	null	null	Mm.42637
393197	484340	AI835709	null	null	Mm.265
157727	145124	AI835766	TC200539	null	Mm.38306
67706	59909	AI835943	TC160091	unc-18 homologue	Mm.12155
0	0	AI835520	TC161193	null	Mm.27558
128209	125393	AI835724	null	null	Mm.39514
26667	38241	AI835913	TC196239	null	Mm.40052
93818	80563	AI835955	TC174718	ubiquitin-specific processing	Mm.40986
63352	43717	AI836084	TC188167	null	Mm.29784
11874	11954	AI836758	TC179194	null	Mm.39298
31226	31891	AI840321	null	null	null
0	0	AI836819	TC203932	null	Mm.41038
0	0	AI836091	TC175372	null	Mm.27578
22322	27888	AI836768	TC161936	null	Mm.41690
6998	7657	AI836802	TC176110	null	Mm.44100
0	0	AI836826	TC177188	OTS-8	Mm.2976
191656	116268	AF159801	null	null	null
216390	109568	AF159803	null	null	null
231792	436045	X58149	null	null	null
1972714	1307546	U91966	null	null	null
2710585	661517	AF168390	null	null	null
839957	1362764	AF247559	null	null	null
0	0	X56062	null	null	null
3129553	722956	AF198054	null	null	null
15004	12530	AI836337	null	null	Mm.40745
54018	81473	AI835331	TC173665	mammary transforming protein	Mm.544
320664	258983	AI836140	TC174455	null	Mm.29107
0	0	AI836163	null	null	Mm.29235

0	0	AI836341	TC157317	null	Mm.38041
27271	28422	AI835338	null	null	Mm.39310
0	0	AI835568	TC186401	null	Mm.3381
121705	66112	AI836168	TC176306	null	Mm.41868
21301	15849	AI836949	TC161646	copper chaperone for superoxid	Mm.21414
41627	36217	AI836990	TC187650	pituitary tumor transforming g	Mm.6856
80917	38523	AI838456	TC162212	null	Mm.40079
35894	21232	AI836009	TC204230	neurofilament protein	Mm.2034
0	0	AI836958	TC187819	null	Mm.29081
127187	98717	AI837006	TC159988	null	Mm.24758
29726	19155	AI838475	TC157802	neural cell adhesion molecule	Mm.4974
541380	305418	AI836064	TC173250	ATP synthase b chain homolog	Mm.30112
327719	245343	AF159801	null	null	null
246920	99162	AF159803	null	null	null
0	0	X58149	null	null	null
622800	415801	U91966	null	null	null
1721457	484752	AF168390	null	null	null
1460217	2555021	AF247559	null	null	null
0	0	X56062	null	null	null
2603290	757870	AF198054	null	null	null
211437	183070	AI835505	null	null	null
87369	116496	AI835710	TC205815	null	Mm.39513
310165	512373	AI835767	TC200202	NIPI-like protein	Mm.22776
77076	72907	AI835944	TC187680	acetyl-CoA transporter	Mm.25121
28096	17814	AI835523	TC201398	inhibitor of cAMP-dependent pr	Mm.3193
114310	121305	AI835726	TC162485	null	Mm.22230
203303	364991	AI835914	TC159870	ARX	Mm.27560
44795	32898	AI835956	TC160968	null	Mm.29570
0	0	AI836085	TC188875	null	Mm.40739
63062	58321	AI836762	null	null	Mm.2632
32401	28625	AI836796	TC166080	null	Mm.39770
63373	45121	AI836820	TC173751	hypoxia induced gene 1	Mm.7381
0	0	AI836094	TC174120	TBP-binding protein ABT1	Mm.501
35376	33913	AI836771	TC176365	null	Mm.57176
26529	15604	AI836803	null	null	null
217705	185835	AI840334	null	null	null
113305	83479	AI836638	TC186624	null	Mm.9495
11283	9537	AI836680	TC202238	GTP-binding protein MMR1	Mm.33575
84371	61693	AI836387	TC174810	spermatogenic-specific proenke	Mm.2899
41796	34891	AI837036	TC173948	prenylated RAB acceptor 1	Mm.22473
42396	47563	AI836648	TC173411	null	Mm.22044
45222	33257	AI836687	TC173331	null	Mm.27567
38627	21622	AI836405	TC174357	focal adhesion kinase	Mm.29674
31993	31281	AI837042	TC160696	apolipoprotein D	Mm.2082
0	0	AI839479	TC160677	null	Mm.23918
334364	231203	AI838066	TC173104	null	Mm.63
328595	258005	AI838136	null	null	null
21849	30210	AI838192	TC160870	Dkk-3 protein	Mm.21894
132353	161037	AI838826	TC173073	16S ribosomal protein	Mm.702
55791	50203	AI838085	TC158998	RHOB	Mm.687
0	0	AI838151	TC159542	myelin basic protein	Mm.2992

6361	6383	AI838207	null	null	null
344340	421496	AI838957	null	null	Mm.42944
492468	267840	AI838715	TC186682	ornithine--oxo-acid aminotrans	Mm.13694
275676	122660	AI838755	TC191075	null	Mm.25609
21718	25693	AI841625	TC174867	phosphorylated adaptor for RNA	Mm.41669
1010218	573303	AI838969	null	null	Mm.40770
249632	230212	AI838724	null	null	Mm.40766
35434	26399	AI838763	TC173791	null	Mm.41320
33085	23287	AI841642	TC190013	Retinoic acid receptor gamma	Mm.1273
0	0	AI837067	TC189725	null	Mm.61720
0	0	AI837870	TC175276	null	Mm.23543
10929	7411	AI837999	TC160233	null	Mm.33981
0	0	AI837390	TC175383	pancortin-4	Mm.43278
146872	177615	AI837834	TC186469	null	Mm.2223
77042	76565	AI837879	TC176265	null	Mm.41847
34546	24816	AI838013	null	null	Mm.39531
0	0	AI837402	TC161226	neuroserpin	Mm.41560
61447	46871	AI838254	TC187693	translocase of inner mitochond	Mm.34791
35816	27151	AI838296	TC174577	null	Mm.28855
90317	67369	AI838343	TC195213	null	null
109128	106968	AI838592	TC159096	null	Mm.28095
236078	251569	AI838261	TC186476	null	Mm.21724
41044	52206	AI838311	TC187272	type IV collagenase	Mm.29564
142424	116805	AI838564	null	null	Mm.39137
42328	45491	AI838606	TC162848	glycine transporter	Mm.2834
35826	25955	AI841682	TC163588	null	Mm.19146
415984	401831	AI839135	TC200237	X box binding protein-1; XBP-1	Mm.22718
33294	23597	AI839178	TC166545	S-antigen	Mm.1276
16499	15362	AI840485	TC177273	null	Mm.40425
495699	262366	AI839103	TC174957	NAD(+)-dependent 15-hydroxypro	Mm.18832
83974	74394	AI839142	TC186827	mitogen-activated protein kin	Mm.1700
30151	29973	AI840442	TC175909	null	Mm.29219
11550	6782	AI840494	null	null	Mm.2632
45531	37388	AI836639	TC200894	null	Mm.29120
7756	11603	AI836681	TC176468	null	Mm.32956
11391	8509	AI836392	TC189570	null	Mm.40384
275058	286623	AI836869	TC186467	insulinoma protein (rig)	Mm.643
0	0	AI836649	TC175232	hippocalcin	Mm.43587
12598	12382	AI836688	TC200002	null	Mm.60101
11663	15956	AI836406	TC160677	null	Mm.23918
0	0	AI837043	TC205342	null	Mm.44122
57207	92131	AI838819	TC158206	p160 myb-binding protein	Mm.6805
14222	15159	AI838070	TC189354	protein tyrosine phosphatase p	null
165141	139955	AI838140	null	null	Mm.39778
24530	25458	AI838196	TC162856	null	Mm.10088
0	0	AI839483	null	null	null
56357	39089	AI838088	TC167066	null	Mm.39131
0	0	AI838153	TC163908	null	Mm.41615
10696	9160	AI838208	TC203688	null	Mm.41330
19493	15367	AI838958	TC189388	null	Mm.41441
35892	28476	AI838716	TC208356	null	Mm.41610



745484	326026	AI838757	TC201555	null	Mm.21108
98558	102694	AI841630	TC200437	null	Mm.25316
19968	13196	AI838970	TC174570	DAN	Mm.9404
17867	16612	AI838725	null	null	Mm.39138
12650	9946	AI838767	TC203297	alpha-1B adrenergic receptor	Mm.39086
77189	69886	AI841643	TC203182	null	Mm.28380
274211	203216	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
566294	436859	AI837837	null	null	null
18541	13279	AI837880	null	null	null
16095	12028	AI838014	null	null	null
17207	18384	AI837405	TC190759	null	Mm.40720
227891	294747	AI838255	TC157610	CCT (chaperonin containing TCP	Mm.398
7005	5176	AI838297	TC200167	fibromodulin	Mm.41573
59933	60237	AI838344	TC200726	null	Mm.28595
112751	54926	AI838594	TC161574	null	Mm.41583
0	0	AI838262	TC159034	null	Mm.41853
172862	281131	AI838312	TC159930	decorin	Mm.1987
55890	25727	AI838566	null	null	null
57875	144623	AI838607	TC200406	thrombospondin 1	Mm.4159
23655	18892	AI841683	TC177045	null	Mm.40316
11352	12959	AI839136	null	null	Mm.40409
0	0	AI839180	null	null	null
22108	25640	AI840476	TC177454	null	Mm.23988
61963	64455	AI839109	TC175178	null	Mm.27740
37504	31727	AI839143	TC173385	Supl15h	Mm.29387
87493	70927	AI840445	TC175208	null	Mm.27936
12468	12420	AI840496	TC201727	null	Mm.18635
17398	10592	AI836640	TC166358	null	Mm.26805
16587	15861	AI836682	TC182971	null	null
12133	7784	AI836396	TC174872	PTP 35 protein	Mm.2902
321477	306136	AI837037	TC202557	null	Mm.36776
38751	37146	AI836651	TC157694	GDP-dissociation inhibitor	Mm.28084
71277	66176	AI836690	TC202893	null	Mm.34449
14468	20269	AI836408	TC189033	null	Mm.5018
143912	98855	AI837045	TC200540	null	Mm.29683
283675	228814	AI838820	null	null	Mm.40082
17176	12225	AI838071	TC203265	null	Mm.28145
23375	15238	AI838141	null	null	Mm.40074
7186	5459	AI838200	TC190949	null	Mm.39863
0	0	AI842055	TC176459	null	Mm.41237
1003901	714292	AI838089	TC173091	mtprd	Mm.3679
60682	59005	AI838154	TC201144	p70 s6k, p85 s6k	Mm.34490
4415	3713	AI838209	TC176276	null	Mm.29558
856318	579248	AI838959	null	null	Mm.16537
34056	26281	AI838717	TC189514	null	Mm.37976
105254	67854	AI838759	TC158352	CRIP1 protein	Mm.21149
56264	52912	AI841632	TC176502	null	Mm.39565
53896	61988	AI838971	TC159955	signal recognition particle su	Mm.850

262929	202776	AI838727	null	null	Mm.39539
62033	51285	AI838771	null	null	null
528108	614620	AI841644	TC159762	G protein beta subunit like	Mm.5305
688322	543305	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
21845	27521	AI837840	null	null	Mm.42347
312610	364487	AI837881	null	null	null
43271	37178	AI838016	TC202873	null	Mm.33179
45783	30448	AI837407	null	null	null
65204	58549	AI838257	TC189333	null	Mm.24786
406349	369661	AI838299	null	null	Mm.42642
677007	394991	AI838345	null	null	Mm.40403
146693	132600	AI838596	TC199953	null	Mm.25154
39029	39116	AI838265	null	null	Mm.29938
113505	108617	AI838314	TC160709	stat5b	Mm.41404
89085	95655	AI838567	TC204684	null	Mm.40638
213009	91924	AI838612	TC173852	glutathione S-transferase (EC	Mm.14601
31976	13375	AI841684	null	null	null
325023	372868	AI839138	null	null	Mm.5293
89845	68494	AI839182	TC175426	null	Mm.26196
54036	58016	AI840486	TC176725	null	Mm.29329
36927	36182	AI839110	TC174919	ATP-binding cassette protein	Mm.20845
606153	684965	AI839148	null	null	null
47183	40642	AI840446	TC161259	SCHIP-1	Mm.24059
16444	11406	AI840497	TC161715	null	Mm.21299
26732	20187	AI836641	TC186518	null	Mm.21966
0	0	AI836684	TC202547	null	Mm.28994
145750	188708	AI836397	TC200412	NIX	Mm.29820
749173	667492	AI837039	null	null	null
1110360	734874	AI836652	TC157212	null	Mm.235
23536	20361	AI836351	TC178043	null	Mm.40746
11548	11152	AI836413	TC190329	null	Mm.22788
68137	70779	AI836870	TC204167	null	Mm.31523
118323	92012	AI838821	null	null	Mm.40405
29057	26478	AI838074	TC176499	null	Mm.68827
23631	20371	AI838142	TC201107	null	Mm.44853
12474	15657	AI838202	null	null	Mm.42790
26937	13843	AI839485	null	null	null
26026	25310	AI838093	TC162955	chordin	Mm.20457
35757	35132	AI838156	TC162649	carbonic anhydrase-related pol	Mm.1336
75753	67269	AI838210	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
54830	60321	AI838964	TC202274	syntrophin-1	Mm.1541
23542	18378	AI838719	TC179752	null	Mm.39326
44737	37837	AI838760	TC174549	WW-domain binding protein 1	Mm.1109
68452	66698	AI841633	TC204700	null	Mm.41311
0	0	AI838973	TC201547	cellular retinoic acid-binding	Mm.4757
561840	607784	AI838730	TC199996	null	Mm.5290
36726	40171	AI838772	TC189140	null	Mm.23917
35515	34020	AI841645	TC200158	ARD-1 N-acetyltransferase homo	Mm.5934

134320	202031	AI837829	TC201177	null	Mm.3037
0	0	AI837875	TC187647	null	Mm.6225
26214	20661	AI838003	TC202659	potassium channel protein-1 (A	Mm.2493
1104910	867911	AI837396	null	null	Mm.39320
93550	150111	AI837846	TC160724	null	Mm.39472
410733	483994	AI837886	TC160560	RNAse L inhibitor	Mm.5831
28668	20204	AI838019	TC210106	null	Mm.44748
588509	502772	AI837409	null	null	null
64907	62479	AI838258	TC189131	null	Mm.46356
57294	46438	AI838301	TC205627	null	null
160526	120071	AI838561	null	null	null
44214	44883	AI838599	TC180849	null	Mm.37446
17257	9723	AI838267	TC159713	myosin heavy chain	Mm.2780
14667	9427	AI838320	TC174854	null	Mm.4467
74751	67675	AI838568	TC189386	null	Mm.30033
432012	501764	AI838613	TC187416	tumor-associated membrane prot	Mm.30024
41472	40982	AI841688	TC204501	null	Mm.33663
30305	37385	AI839139	TC201183	septin-like protein Sint1	Mm.38450
510546	585569	AI839184	TC173296	null	Mm.11204
115795	119303	AI840487	TC190918	null	Mm.14864
98270	117804	AI839112	null	null	Mm.39543
38542	52286	AI839149	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
112398	45447	AI840448	TC161118	null	Mm.41713
54116	47110	AI840499	TC162677	null	Mm.29543
75714	54788	AI836642	null	null	Mm.39769
16078	18858	AI836685	null	null	null
670302	436424	AI836400	TC173287	B/HLH/Z protein	Mm.3931
33020	27119	AI837040	TC179959	null	null
227207	198295	AI836654	TC160050	null	Mm.21156
144019	118760	AI836352	null	null	null
79742	91420	AI836414	TC190363	null	Mm.29370
56082	69092	AI837046	null	null	Mm.39319
10252	5364	AI838822	TC177078	cholesterol 24-hydroxylase	Mm.41911
18954	14409	AI838077	TC200827	null	Mm.28605
313917	264255	AI838149	TC200813	null	Mm.18972
10397	7786	AI838204	TC174212	null	Mm.22597
0	0	AI838036	null	null	null
0	0	AI838094	TC163914	null	Mm.5935
0	0	AI838161	null	null	null
157350	153689	AI838212	TC159770	14-3-3 epsilon	Mm.42972
132704	107555	AI838965	TC187150	early response protein	Mm.18625
164991	169597	AI838721	TC173737	Ring3	Mm.3444
12461	14667	AI838761	TC189594	null	Mm.41681
7751	9835	AI841636	TC202188	null	Mm.41451
55015	60452	AI838975	TC173933	centrin	Mm.12481
103205	96300	AI838731	TC158872	null	Mm.27362
30618	28737	AI838773	TC190041	null	Mm.34087
53542	78417	AI841650	TC202074	unnamed protein product	Mm.45497
149687	129026	AI837830	TC176157	null	Mm.21897
58891	52119	AI837876	TC201954	null	Mm.10704
378709	298150	AI838008	TC160927	null	Mm.29256

18416	15140	AI837397	TC178510	null	Mm.39749
80453	104948	AI837847	null	null	Mm.40072
21602	21322	AI837888	TC174566	null	Mm.9638
34137	29548	AI838022	TC158458	null	Mm.8612
22888	18207	AI837410	TC160654	null	Mm.29987
40655	17195	AI838259	TC208353	null	Mm.39779
274844	275383	AI838302	TC160026	tetraspanin membrane protein C	Mm.4426
131239	106908	AI838562	TC175183	null	Mm.5383
48354	70553	AI838600	null	null	null
57317	65858	AI838269	TC202109	null	Mm.34475
190457	235920	AI838321	TC200135	CCTeta, eta subunit of the cha	Mm.914
125854	80742	AI838570	TC159652	dodecenoyl-CoA delta-isomeras	Mm.35833
23220	20476	AI838614	TC186388	5' ORF	Mm.14802
9174	10890	AI841689	TC188100	null	Mm.29658
17261	16878	AI839140	TC173931	null	Mm.68808
82022	102859	AI840437	null	null	Mm.20847
0	0	AI840489	TC186416	type II keratin subunit protei	Mm.14245
529995	521979	AI839113	TC173815	null	Mm.4024
37617	50686	AI839150	null	null	Mm.29140
145157	180606	AI840449	TC187038	Sm-D autoantigen	Mm.603
0	0	AI840501	TC188417	null	Mm.13036
23443	24636	AI836647	TC162021	null	Mm.25445
451853	465108	AI836686	TC173614	null	Mm.21684
89998	41368	AI836402	TC159520	SOCS box-containing WD protein	Mm.28489
19207	20468	AI837041	TC164833	null	null
16641	5678	AI836656	TC188971	palmitoyl-protein thioesterase	Mm.34197
69726	73401	AI836357	null	null	Mm.40382
132054	129480	AI836415	TC175249	Dutt1 protein	Mm.20832
75098	70435	AI837049	TC161732	null	Mm.28925
31617	25141	AI838823	TC179131	null	Mm.39486
80764	73954	AI838078	TC200952	null	Mm.34750
31255	16889	AI838150	TC188743	null	Mm.6825
18627	18134	AI838206	TC201921	null	Mm.5264
0	0	AI838037	TC190096	null	Mm.30825
22741	16436	AI838097	TC193035	null	null
0	0	AI838162	TC161411	null	Mm.28798
52648	46827	AI838213	TC201905	null	Mm.7196
68771	51242	AI838968	TC173560	Ah receptor-interacting protei	Mm.10433
24900	30982	AI838722	TC205220	XPAC protein	Mm.4049
80686	365750	AI838762	TC159657	beta-1-globin	Mm.2329
89599	85584	AI841640	TC173992	enolase	Mm.29994
184232	155590	AI838976	TC175621	null	Mm.57467
133947	119598	AI838732	TC200340	EAT/MCL-1	Mm.1639
176554	200822	AI838774	null	null	Mm.42565
0	0	AI841652	TC193109	null	null
246560	229104	AI837833	TC189972	zinc finger protein 95	Mm.26528
29978	24391	AI837877	TC189679	null	Mm.30737
26652	16582	AI838012	TC200886	null	null
416815	405582	AI837400	TC173579	E214K	Mm.1920
0	0	AI837848	TC204053	null	Mm.41605
67298	42654	AI837959	TC201738	M-CSF-induced cysteine proteas	Mm.43920

0	0	AI838024	TC202576	p40 seven-transmembrane-domain	Mm.20522
539837	464255	AI837417	TC160747	null	Mm.5293
32477	25447	AI838260	TC162900	U2 small nuclear ribonucleotei	Mm.14286
55063	63589	AI838304	TC200264	HMG-14 (AA 1-96)	Mm.2756
148471	146846	AI838563	null	null	Mm.40765
34520	23581	AI838603	TC202234	null	Mm.40623
0	0	AI838270	TC195140	null	null
100024	108314	AI838322	TC175399	beta chemokine Exodus-2	Mm.15780
38894	44777	AI838571	TC180555	null	Mm.39102
0	0	AI838622	TC161556	null	Mm.30658
56834	53792	AI841690	TC202180	ion channel homolog RIC	Mm.1870
0	0	AI839141	TC184980	null	Mm.40771
75679	115217	AI840441	TC175812	secretogranin III	Mm.2386
0	0	AI840492	TC189912	MHC class II alpha chain	Mm.116
204041	240195	AI839114	TC160413	unknown	Mm.9846
87130	46300	AI839151	TC196359	null	Mm.40772
251187	229225	AI840450	TC160651	null	Mm.27213
48120	45964	AI840510	null	null	null
0	0	AI839691	TC204377	D3Mm3e	Mm.45552
122032	77527	AI839811	TC200166	cAMP-dependent protein kinase	Mm.30039
20192	12459	AI839790	TC187611	null	Mm.29372
115471	86007	AI839601	TC160544	null	Mm.28017
949869	567997	AI840046	TC175290	null	Mm.41862
111191	80259	AI839826	TC160422	ALG-2	Mm.24254
65168	53085	AI839561	TC160977	vacuolar adenosine triphosphat	Mm.20476
11164	6558	AI839615	TC203243	potassium channel Kv4.2	Mm.5302
98100	105653	AI840843	TC173715	tetracycline transporter-like	Mm.3792
26582	13630	AI837100	TC174264	CD83 antigen	Mm.1633
15069	11606	AI837161	TC194621	null	null
57837	60912	AI837222	TC159051	ubiquitin fusion-degradation 1	Mm.1830
72733	61934	AI840862	TC187487	sid2895p	Mm.43760
23816	29574	AI837116	TC203150	null	Mm.23723
23749	16069	AI837185	null	null	null
39525	26355	AI837233	TC161128	null	Mm.29131
153718	149030	AI841062	TC176755	null	Mm.30800
13965	12041	AI840531	null	null	null
77420	69633	AI840584	TC160946	null	Mm.33439
18005	13982	AI840637	TC202816	null	Mm.41802
0	0	AI841002	null	null	null
72556	49436	AI840549	TC157209	TI-225	Mm.331
0	0	AI840594	TC175375	null	Mm.27139
30898	32137	AI840653	TC188269	null	Mm.26504
1654980	925772	AI839977	TC186851	Ndr1 related protein Ndr2	Mm.26722
19608	20783	AI840240	TC162571	I47	Mm.4884
65631	55097	AI840291	TC178820	null	null
123874	119099	AI840024	TC160696	apolipoprotein D	Mm.2082
78440	150432	AI839993	TC161523	null	Mm.39288
259258	218050	AI840258	TC159684	synapsin Ib	Mm.20936
85372	64810	AI841943	null	null	null
70553	56166	AI840033	TC160281	null	Mm.22338
372688	373855	AI837312	TC201848	null	Mm.21163

768647	390677	AI837594	TC173250	ATP synthase b chain homolog	Mm.30112
72131	60093	AI837636	TC191141	null	Mm.41162
55792	52418	AI839204	TC210030	null	Mm.44124
99928	78567	AI837320	null	null	null
16612	13196	AI837601	TC204400	null	Mm.32602
35167	31069	AI837643	TC201165	null	Mm.27918
29842	23984	AI839221	TC175606	cyclin-dependent kinase 5	Mm.4818
47534	42758	AI840678	TC162507	null	Mm.10022
105419	87096	AI840713	TC175583	unnamed protein product	Mm.5324
28184	23286	AI834788	TC161040	null	Mm.34471
653719	515301	AI841166	null	null	Mm.40431
8022	4099	AI840686	TC189796	mGLT-1A	Mm.2861
121919	99482	AI840721	null	null	null
39579	35934	AI834826	TC173091	mtprd	Mm.3679
0	0	AI841179	TC164681	null	Mm.41235
38131	28023	AI839696	TC189309	binding protein	Mm.4234
205864	148225	AI839815	null	null	null
0	0	AI839791	null	null	null
8445	7134	AI839604	null	null	Mm.40090
0	0	AI839703	TC189357	null	Mm.32183
9654	8033	AI839827	TC189415	null	Mm.41928
83369	108481	AI839563	TC160223	regulated secretory protein-23	Mm.17403
0	0	AI839621	TC186843	14-3-3 protein gamma	Mm.29717
46714	41626	AI840849	null	null	Mm.39799
34357	37107	AI837102	TC200055	receptor-like tyrosine kinase;	Mm.5021
13329	11081	AI837166	TC203084	null	Mm.41942
19592	22357	AI837224	TC204923	null	Mm.35013
117464	116680	AI840863	null	null	Mm.39800
363326	477170	AI837119	null	null	Mm.7277
797251	522073	AI837188	null	null	Mm.39774
82647	64603	AI837234	null	null	Mm.40391
6490	5781	AI841064	null	null	Mm.39349
124351	94960	AI840534	TC191113	null	Mm.29246
31638	25787	AI840585	TC202401	null	Mm.491
81409	62500	AI840642	null	null	null
33208	20139	AI841003	TC175162	unnamed protein product	Mm.29337
46633	44427	AI840551	TC204234	null	Mm.41468
23519	15553	AI840597	TC164643	null	Mm.39785
28238	35677	AI840655	TC176435	null	Mm.29307
153989	132956	AI839979	TC180145	null	Mm.23370
440393	475415	AI840241	null	null	Mm.40097
993710	633618	AI840292	TC160894	unnamed protein product	Mm.18818
342883	254367	AI840025	TC159707	SPARC (aa 1-302)	Mm.35439
209432	161331	AI839994	TC160766	null	Mm.27737
225859	259494	AI840259	TC173059	unnamed protein product	Mm.4271
904627	691973	AI841944	TC163067	protein kinase C zeta	Mm.28561
926047	571649	AI841978	TC158249	calpain small subunit	Mm.6534
158467	140475	AI837313	TC201454	null	Mm.24582
32591	23329	AI837595	null	null	Mm.9859
77989	93223	AI837637	TC161532	null	Mm.198
38373	40982	AI839208	TC173879	null	Mm.41260

0	0	AI837321	null	null	null
230846	190169	AI837602	null	null	Mm.40067
135481	115731	AI837644	TC175657	null	Mm.41881
47782	41726	AI839222	TC175737	null	Mm.41603
110336	103719	AI840680	TC191249	null	Mm.31671
84361	83715	AI840714	null	null	Mm.39344
0	0	AI834789	null	null	null
35661	35683	AI841173	TC200563	p116Rip	Mm.2402
35978	25656	AI840687	TC205462	null	Mm.3055
41574	40908	AI840722	null	null	null
17828	14949	AI834829	TC177103	unnamed protein product	null
179260	167816	AI841180	TC176389	null	Mm.23932
13568	9904	AI839700	TC202552	null	Mm.39546
56860	37310	AI839818	null	null	Mm.39340
66640	49452	AI839792	TC205208	null	Mm.39341
195581	114677	AI839605	TC159936	very-long-chain Acyl-CoA dehyd	Mm.18630
22082	17809	AI839704	TC159542	myelin basic protein	Mm.2992
11355	13305	AI839833	null	null	Mm.29284
6679	6286	AI839566	TC202172	null	Mm.41206
11313	15328	AI839623	TC204778	null	Mm.25837
91342	79043	AI840852	null	null	null
92137	102045	AI837103	TC176673	null	Mm.40673
0	0	AI837167	null	null	null
17531	11300	AI837225	null	null	Mm.39775
56267	43428	AI840864	TC193540	null	Mm.40108
37595	32855	AI837122	null	null	null
174141	126943	AI837194	TC189381	null	Mm.2446
110051	85637	AI837235	TC160238	DnaJ-like protein	Mm.27897
849278	556229	AI841066	TC160238	DnaJ-like protein	Mm.27897
57509	49882	AI840537	TC200328	OB-cadherin-1	Mm.4525
164699	101047	AI840588	TC166255	glutamate receptor channel sub	Mm.39090
30310	24274	AI840646	null	null	Mm.43940
144728	127562	AI841009	null	null	null
112499	99457	AI840555	TC175805	GARP45	Mm.20450
63128	75428	AI840598	TC188615	null	Mm.21793
198375	136531	AI840656	TC194516	noggin gene	Mm.39094
294449	262099	AI839986	null	null	Mm.40267
167911	146053	AI840245	TC204440	null	Mm.38171
127310	129418	AI840295	TC174517	protein 4.1	Mm.30038
94820	73905	AI840028	TC202369	ganglioside-induced differenti	Mm.22080
39040	35564	AI839995	TC201481	null	Mm.29007
86473	52812	AI840260	TC203335	null	Mm.21171
255713	167831	AI841946	TC186580	null	Mm.5612
0	0	AI841979	TC182824	null	null
471556	418488	AI837314	TC186483	rab7	Mm.4268
41961	33173	AI837596	TC187726	ARP-1	Mm.16519
77915	78621	AI837638	TC201927	CAAT-box DNA binding protein s	Mm.4929
77787	65607	AI839209	TC164731	null	Mm.39328
28041	19558	AI837322	TC174587	null	Mm.22524
31031	24019	AI837604	null	null	Mm.57465
172215	149744	AI837645	null	null	Mm.40396

481897	285227	AI839225	TC160293	null	Mm.34832
31227	30485	AI840682	TC163112	myelin/oligodendrocyte glycopr	Mm.2596
59677	57637	AI840715	TC160146	MSS1	Mm.2462
123915	115178	AI834790	TC200256	thymic dendritic cell-derived	Mm.24847
141357	130057	AI841174	TC187046	kinesin light chain 1	Mm.20354
325903	277433	AI840688	TC160043	transketolase	Mm.9307
38052	35485	AI834813	TC158611	null	null
72918	65731	AI834833	TC175903	null	Mm.21286
199092	155861	AI841184	null	null	null
16556	8821	AI839701	null	null	null
156794	128251	AI839819	TC175285	hypothetical protein	Mm.30006
242851	210108	AI839794	null	null	null
0	0	AI839607	TC171903	null	null
8966	9863	AI839707	TC161098	null	Mm.41678
192375	165814	AI839834	TC173858	heat shock protein	Mm.30370
27512	25158	AI839567	TC187083	null	Mm.20949
380395	299623	AI839946	TC158355	null	Mm.30043
0	0	AI840857	null	null	null
65207	71148	AI837104	TC186481	Stat3B	Mm.3948
0	0	AI837170	TC164074	Ten-m2	Mm.40599
55703	45903	AI837226	TC187888	null	Mm.28486
520935	420465	AI840865	TC186932	Tapa-1 protein	Mm.806
103368	103903	AI837124	TC177208	null	Mm.10367
196373	223440	AI837206	TC159551	prothymosin alpha	Mm.19187
101922	84673	AI837238	TC189332	null	Mm.41664
145707	112571	AI840999	TC176565	null	Mm.46774
63596	67129	AI840541	TC174903	null	Mm.3460
38478	41799	AI840590	TC203459	transcription elongation facto	Mm.24245
14187	11418	AI840647	TC174100	oxysterol-binding protein	Mm.18502
200708	183760	AI841010	TC173807	APRT	Mm.1786
885509	673360	AI840556	null	null	Mm.40104
67649	66293	AI840599	TC192191	null	null
173289	154312	AI840657	TC200305	partial homology to cytochrome	Mm.30072
98949	89811	AI839987	null	null	null
18715	25281	AI840252	TC177190	null	Mm.41879
77837	53662	AI840296	null	null	null
140526	148853	AI840030	null	null	null
114791	83332	AI839996	TC157958	Rap2 interacting protein 8	Mm.2560
259347	175193	AI840261	TC202089	null	Mm.9893
608800	966127	AI841954	TC162081	null	Mm.38924
47305	36653	AI840035	TC188173	null	Mm.28024
287920	228279	AI837315	TC192799	null	null
363807	657839	AI837598	null	null	Mm.19121
18870	14966	AI837639	null	null	null
75941	111715	AI839212	TC174558	null	Mm.219
124061	106603	AI837324	TC176047	null	Mm.27924
130675	140175	AI837607	TC203717	null	Mm.40283
22079	22624	AI837646	TC189904	guanine nucleotide exchange fa	Mm.539
37655	31899	AI839226	TC159420	perinuclear binding protein	Mm.37214
181540	160392	AI840683	TC173784	LIS	Mm.64447
40514	26878	AI840716	null	null	Mm.18630



28294	20445	AI834794	TC212069	null	null
46563	50274	AI841176	null	null	null
214213	164702	AI840689	null	null	Mm.42351
160172	129125	AI834815	TC175422	null	Mm.22218
112758	87956	AI834834	TC191448	unnamed protein product	Mm.40658
95803	110701	AI841186	TC188720	null	Mm.20415
48355	30627	AI840044	TC202197	null	Mm.38272
168047	151337	AI839821	TC160991	ARF2	Mm.5061
78259	65906	AI839555	TC160385	null	Mm.29436
55076	50880	AI839611	TC161688	null	Mm.3154
86246	41769	AI839715	TC162238	null	Mm.41540
180101	172186	AI839761	TC186547	GTP-binding protein	Mm.21905
60561	45704	AI839569	TC200600	cullin 3	Mm.17837
48497	45851	AI839950	TC160492	skeletal muscle LIM protein	Mm.3126
328212	246955	AI840858	null	null	null
47005	23681	AI837106	TC157231	ENO2	Mm.3913
130008	97549	AI837175	TC203603	null	Mm.41220
29159	19310	AI837227	TC191484	protein kinase C gamma	Mm.7980
27401	29598	AI840866	TC187325	null	Mm.30585
63685	72362	AI837125	TC189544	null	Mm.24586
33549	39973	AI837210	TC189090	null	Mm.29059
82734	70804	AI837240	TC174317	null	Mm.29058
62372	63558	AI841000	TC160632	cullin 1	Mm.21771
423565	442920	AI840542	null	null	Mm.40103
72122	45090	AI840591	TC163327	semaphorin subclass 4 member G	Mm.34404
57810	54410	AI840648	TC158649	peripheral benzodiazepine rec	null
565795	527773	AI841014	TC200044	unknown	Mm.17446
30264	23653	AI840559	null	null	null
58465	61090	AI840601	TC160163	null	Mm.42956
2757084	2994312	AI840661	TC159640	eukaryotic translocation facto	Mm.16317
1755335	981142	AI839988	TC173200	null	Mm.2140
1012021	588300	AI840254	TC173541	null	Mm.353
142871	86811	AI841940	TC169505	null	Mm.39734
2213731	2324153	AI840031	TC199907	elongation factor 2	Mm.4968
1366515	940602	AI839999	null	null	null
278763	167993	AI840263	TC173704	null	Mm.666
951696	1478631	AI841956	TC164444	null	Mm.41490
172215	161544	AI841981	TC187846	null	Mm.33907
27213	29952	AI837318	TC161445	ATP-binding cassette protein	Mm.21629
379390	230574	AI837599	TC200857	null	Mm.30251
86251	76654	AI837640	null	null	null
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336583	238728	AI837327	TC160970	null	Mm.21749
160238	137617	AI837611	TC174894	null	Mm.25808
239946	201832	AI837647	TC200735	aspartate aminotransferase	Mm.19039
237254	145948	AI839228	TC162917	ATP receptor	Mm.25722
67368	43914	AI840684	TC177030	null	Mm.26510
0	0	AI840717	TC162631	null	Mm.40107
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211911	240454	AI841177	TC160684	cdc37 homolog	Mm.4117
75780	65662	AI840690	null	null	Mm.40426

16324	14910	AI834761	TC178120	null	null
147218	101999	AI834839	TC176475	T-type calcium channel alpha-1	Mm.20881
164848	143135	AI841187	null	null	null
19097	15228	AI839702	TC161646	copper chaperone for superoxid	Mm.21414
59262	56874	AI839824	TC200275	null	Mm.29348
63210	58338	AI839557	TC160161	Rab10	Mm.21985
48960	40250	AI839613	TC159542	myelin basic protein	Mm.2992
1972356	1108230	AI840047	null	null	null
204652	192537	AI839762	null	null	Mm.42501
172793	145538	AI839571	TC168882	null	Mm.44511
110807	88731	AI839951	TC174153	maleylacetoacetate isomerase	Mm.29652
74862	51468	AI840859	null	null	Mm.3080
93979	78747	AI837107	TC189143	null	Mm.22438
85602	73219	AI837181	TC163547	null	Mm.40987
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32064	32925	AI837246	TC178145	null	Mm.24942
87024	84506	AI837243	TC203548	null	Mm.39126
86498	79915	AI841001	TC187801	null	Mm.21114
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373134	373026	AI840593	TC186401	null	Mm.3381
30748	28896	AI840652	TC176183	null	Mm.29832
282886	205169	AI841019	TC186401	null	Mm.3381
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153900	124210	AI840662	TC173778	null	Mm.22277
35589	38963	AI839990	null	null	Mm.40418
641848	429366	AI840257	TC205031	null	Mm.12968
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1098097	1124694	AI840032	TC159555	21 kd polypeptide	Mm.254
440765	305341	AI840001	TC186789	null	Mm.29153
137006	129321	AI840266	TC169534	null	Mm.39342
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113238	100515	AI840036	TC187637	null	Mm.23962
504234	474218	AI837319	TC203712	null	Mm.24309
145878	122654	AI837600	TC189461	null	Mm.2498
230843	218395	AI837642	TC200229	null	Mm.1147
0	0	AI839215	null	null	null
119340	119081	AI837329	TC161029	insulin-like growth factor bin	Mm.30156
0	0	AI837612	TC176395	null	Mm.27355
120731	294784	AI837648	TC175456	null	Mm.30532
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693302	565755	AI840685	TC173302	P2B/LAMP-1	Mm.16716
63150	72479	AI840719	TC202129	kif1b major isoform	Mm.25569
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378419	419343	AI840692	null	null	null
77755	82144	AI834762	TC182642	null	Mm.40367
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20664	16755	AI845707	TC177398	null	Mm.39848
13219	8884	AI843376	TC160913	tyrosine protein kinase B (trk	Mm.3993
39582	25262	AI842501	null	null	Mm.39820
87745	70881	AI842539	TC161798	null	Mm.41308
18138	14380	AI843340	TC176798	null	null
5593	3882	AI843384	TC174083	null	Mm.6851
7387	6634	AI842511	null	null	null
37399	32411	AI842550	TC160969	null	Mm.29570
24476	25614	AI843537	TC176780	null	Mm.39727
104866	82752	AI843605	TC188672	null	Mm.6844
12444	13311	AI843285	TC173156	DBY protein	Mm.20950
36791	35291	AI845392	TC200303	serine palmitoyltransferase LC	Mm.6505
277547	212007	AI843545	TC159412	heterogenous nuclear ribonucle	Mm.16767
226699	140653	AI843249	TC186864	null	Mm.28976
8914	10039	AI843292	TC196300	null	Mm.48701
31123	26603	AI845410	TC186930	null	Mm.29076
19035	16587	AI843063	TC164183	null	Mm.22339
312874	160597	AI843695	TC176081	null	Mm.17823
279120	173292	AI843741	TC186936	tetraspanin TM4-A homolog	Mm.28484
15712	43202	AI843113	null	null	null
105171	47635	AI843665	TC189093	null	Mm.24426
51836	60425	AI843709	TC202541	null	Mm.25142
23979	17534	AI843072	TC158836	null	Mm.35787
135584	62150	AI843123	null	null	Mm.32679
88820	73288	AI845723	TC173534	null	Mm.28039
72728	89178	AI845774	TC174451	L6 antigen	Mm.856
408893	324456	AI843449	TC201793	null	Mm.464
41452	41527	AI842592	null	null	null
136688	113367	AI845732	TC188457	null	Mm.6797
120883	111494	AI845790	TC174947	null	Mm.28944
34006	22327	AI843460	TC162077	null	Mm.40600
67676	55046	AI842605	TC200423	null	Mm.28508
2365763	1287152	AI845452	TC175472	pro-alpha2(XI) collagen	Mm.20230
57191	49512	AI845501	TC161940	s17	Mm.24250
139318	127088	AI845547	TC200865	precursor protein	Mm.22194
29569	20622	AI846754	null	null	Mm.39198
17341	14714	AI845461	TC161863	null	Mm.25613
38076	27321	AI845508	TC187102	tumor necrosis factor alpha co	Mm.27681
77116	58209	AI845559	TC188009	null	Mm.7122
170587	123007	AI846767	null	null	Mm.40845
94583	67984	AI843155	TC174521	null	Mm.28927
19093	16379	AI843196	TC177197	AT1 receptor-associated protei	Mm.46247
47642	42329	AI843237	TC161018	null	Mm.33969
648908	477742	AI843868	TC201760	null	Mm.12746
0	0	AI843166	null	null	null
99790	83132	AI843205	null	null	null
0	0	AI843842	TC190767	null	Mm.18455
6032	7143	AI843878	TC212281	null	Mm.39746
152946	138409	AI843326	TC160494	unknown	Mm.3484
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6942	4503	AI842503	TC189031	null	Mm.33480

26455	44656	AI842540	TC186940	tomoregulin-1	Mm.41772
0	0	AI843341	TC203206	null	Mm.39299
0	0	AI843386	TC190931	null	Mm.33063
0	0	AI842512	null	null	null
17895	15538	AI842552	TC203512	null	Mm.28902
57982	52203	AI843538	TC206047	null	Mm.51559
158011	96228	AI843608	TC188972	null	Mm.65050
226129	192863	AI843286	null	null	Mm.40136
82048	59024	AI845395	TC202748	null	Mm.23265
54697	55093	AI843581	TC205257	null	null
175847	89988	AI843250	TC162151	'alpha-2,3-sialyltransferase'	Mm.2793
43314	36023	AI843294	TC160937	null	Mm.27954
15914	16195	AI845411	TC201464	null	Mm.39844
12348	8735	AI843657	TC191481	null	null
26892	24793	AI843696	TC189536	null	Mm.40291
24038	22762	AI843742	TC174493	null	Mm.41513
38334	35754	AI843114	TC160567	null	Mm.21919
61182	49764	AI843666	TC160793	65-kDa macrophage protein	Mm.22510
62667	49145	AI843710	TC186947	null	Mm.22653
78756	58366	AI843073	TC200644	null	Mm.38391
71301	75969	AI843125	null	null	Mm.999
450140	382204	AI845725	null	null	Mm.23068
242134	122353	AI845780	null	null	null
40546	29820	AI843450	TC169440	null	Mm.39178
21448	14399	AI842595	TC187104	null	Mm.45424
165403	160614	AI845735	TC186776	null	Mm.18579
33681	24835	AI845791	TC164104	null	Mm.9845
38416	34103	AI843462	TC201916	null	Mm.24054
12811	19506	AI842606	TC189994	null	Mm.29654
33649	30959	AI845454	TC177529	null	Mm.44206
319834	320295	AI845502	TC186862	centrosomin B	Mm.2238
10791	13736	AI845548	TC200745	putative T1/ST2 receptor bindi	Mm.1044
12562	13244	AI846760	TC164548	null	Mm.40844
127628	148168	AI845462	TC161132	null	Mm.12775
108858	77812	AI845510	TC210714	null	Mm.39731
174183	138670	AI846726	null	null	null
5621	7415	AI846770	TC201815	null	Mm.29932
26893	15119	AI843157	TC162305	null	Mm.29952
268526	252381	AI843198	TC201021	null	Mm.28521
48994	51509	AI843238	TC159682	tight junction protein ZO-2	Mm.5293
55831	54339	AI843869	TC175941	null	Mm.27140
82849	87298	AI843167	TC161923	null	Mm.40135
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49793	34226	AI843843	TC206731	null	Mm.39367
0	0	AI843879	TC165134	null	Mm.64975
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103030	111975	AI843380	null	null	Mm.7883
137893	85113	AI842506	TC200017	thyroid hormone binding protei	Mm.16660
79938	83380	AI842543	null	null	Mm.29452
18567	16391	AI843342	TC200113	null	Mm.21690
102376	105376	AI843389	TC201343	null	Mm.33424

0	0	AI842513	TC169519	null	Mm.39359
0	0	AI842554	TC188463	null	null
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411556	327032	AI843240	TC201884	null	Mm.24163
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191553	145838	AI843583	TC167856	null	null
209020	161494	AI843251	TC200571	rin	Mm.5163
241082	203935	AI843295	TC200556	null	Mm.28892
15870	12303	AI845416	TC159133	null	Mm.29923
85070	51347	AI843659	TC189815	MD-1	Mm.2639
45129	51654	AI843699	TC175344	islet cell autoantigen p69	Mm.3545
15858	9538	AI843744	TC166879	null	null
36640	27122	AI843115	TC189539	null	Mm.28220
70418	72033	AI843667	null	null	Mm.39180
63368	71106	AI843711	TC199929	mismatch-specific thymine-DNA	Mm.22103
27519	21103	AI843074	TC200789	null	Mm.27087
25551	18614	AI843126	TC165275	null	Mm.40449
60943	52424	AI845726	TC204456	null	Mm.41120
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49135	32113	AI842596	TC211112	null	null
52290	48440	AI845736	null	null	Mm.39484
97007	111475	AI845798	TC175255	null	Mm.22526
26145	24443	AI843464	TC202570	protein kinase C beta-II (AA 1	Mm.4182
58477	57099	AI842607	TC186527	null	Mm.41736
43096	33549	AI845456	TC200144	alpha-actinin	Mm.29991
63148	60522	AI845504	TC161723	N-acetylgalactosamine-6-sulfat	Mm.34702
171815	188292	AI845551	TC187772	null	Mm.37700
43940	31923	AI846761	TC204366	null	Mm.39199
111331	92319	AI845463	TC174416	null	Mm.27487
60363	51349	AI845511	null	null	null
19630	14733	AI846727	TC163308	null	Mm.4182
339174	328237	AI846771	TC160216	Sid394p	Mm.21507
92892	62607	AI843158	TC157339	null	Mm.26720
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33352	26982	AI843239	TC200565	null	Mm.30503
22213	19327	AI843870	TC176524	null	Mm.41387
48179	34423	AI843168	TC188416	null	Mm.22941
31382	24574	AI843207	TC188481	null	null
283165	199632	AI843845	TC174273	null	Mm.25320
37730	51241	AI843880	TC187664	null	Mm.25126
558647	566071	AI843328	TC160966	null	Mm.28223
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134837	142151	AI842507	null	null	Mm.39568
25431	18153	AI842544	TC201723	null	Mm.22337
32375	20025	AI843343	TC175509	null	Mm.41133
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96207	69104	AI842515	TC187167	null	Mm.43152
29614	22621	AI842555	TC179210	null	Mm.23294
103896	84791	AI843542	TC191010	null	null

15084	18874	AI843245	TC189742	null	Mm.32810
177809	99047	AI843288	null	null	Mm.5293
82085	57829	AI845398	TC205335	null	null
20633	14787	AI843585	null	null	Mm.39573
367069	309954	AI843252	TC160613	C1 inhibitor	Mm.38888
23500	24880	AI843296	TC203829	null	Mm.2173
19789	12777	AI845421	TC196330	null	Mm.40826
60680	66598	AI843660	TC188780	null	Mm.34614
64941	57655	AI843702	null	null	null
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112425	165997	AI843116	TC200416	null	Mm.22675
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24683	20281	AI843077	TC177264	null	Mm.40780
153766	125679	AI843127	TC187324	huntingtin interacting protein	Mm.19751
42492	35930	AI845728	TC164784	null	null
19745	18991	AI845784	TC205840	neuralized-like protein	null
62967	66744	AI843456	TC209985	null	Mm.40813
381382	410786	AI842597	TC200430	MITF-2B protein	Mm.4269
115133	130845	AI845739	TC177866	null	Mm.25659
43126	36766	AI845802	null	null	Mm.39491
151850	139447	AI843475	TC176421	Cbfa1/Osf2 transcription facto	Mm.4509
70321	65159	AI842608	TC185161	null	null
13946	15679	AI845458	TC190392	macrophage mannose receptor pr	Mm.2019
207379	248451	AI845505	TC199917	beta-tubulin	Mm.22774
394956	397803	AI845552	null	null	Mm.16317
83186	79120	AI846764	TC157762	biglycan	Mm.2608
637068	556574	AI845464	TC181459	null	Mm.54510
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18333	17175	AI846729	TC202072	null	Mm.34345
22583	14744	AI846774	null	null	Mm.46030
48842	64069	AI843159	TC161776	null	Mm.40292
67894	74494	AI843200	TC161718	cytochrome B561	Mm.40669
51780	37503	AI843837	TC176323	null	Mm.31220
27449	28110	AI843874	TC161508	null	Mm.24225
55259	51499	AI843169	null	null	Mm.41411
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23926	20902	AI843846	TC202784	p85SPR	Mm.3439
124567	95714	AI843882	TC203286	null	null
26298	26386	AI843331	null	null	Mm.39177
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79458	70736	AI842509	TC163936	null	Mm.34973
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21944	23026	AI842516	TC178043	null	Mm.40125
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79358	81634	AI843247	TC165336	D4 dopamine receptor	Mm.41075
15085	7354	AI843289	TC206349	null	null
63004	74114	AI845400	TC175440	null	Mm.36692

214708	180471	AI843586	TC161815	null	Mm.29426
249850	217561	AI843257	TC175979	null	Mm.27127
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143143	131403	AI843662	TC160166	null	Mm.24837
81301	79220	AI843705	TC175636	null	Mm.34266
26769	17270	AI843069	TC160036	embigin precursor	Mm.34837
77482	55473	AI843117	TC189727	tulip 1	Mm.35575
33166	40418	AI843670	TC190293	null	Mm.27042
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308769	330665	AI843080	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
22177	20944	AI843128	TC204469	null	Mm.39722
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192216	139377	AI845787	TC160218	null	Mm.3308
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30760	24977	AI842602	TC190057	null	Mm.22331
84207	79811	AI845740	TC161625	null	Mm.41589
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89076	80921	AI846765	TC190830	null	Mm.41372
148590	167635	AI845471	null	null	Mm.40471
150955	213827	AI845516	TC160190	mouse transcription factor kA1	Mm.3406
66210	72003	AI846730	TC188553	null	Mm.44223
20604	21314	AI846776	TC163550	null	Mm.64993
14640	11444	AI843160	TC182583	null	Mm.40722
34538	37095	AI843201	null	null	null
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302355	215891	AI843172	TC175545	inositol polyphosphate 5-phosp	Mm.25777
365711	336675	AI843210	TC186897	null	Mm.28981
28968	21057	AI843847	null	null	null
76706	79791	AI843883	TC188070	null	Mm.22746
14270	15899	AI843335	TC188939	null	Mm.27895
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42534	26190	AI843346	TC206570	null	Mm.32666
65360	56467	AI843393	TC200621	aFGF intracellular binding pro	Mm.41785
116989	80799	AI842518	TC164940	null	Mm.31331
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27812	24442	AI843544	null	null	Mm.39828
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186076	154023	AI843291	TC187135	null	Mm.29814
134539	135585	AI845409	TC203233	null	Mm.41050
242956	205287	AI843587	TC206302	null	Mm.35235
182617	162117	AI843258	TC186638	null	Mm.2875
146378	111445	AI843300	TC161818	null	Mm.28753

630729	530204	AI845426	TC200278	null	Mm.30018
34292	37062	AI843664	null	null	null
129058	162255	AI843707	TC188375	null	Mm.2215
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89603	106492	AI843081	TC174452	null	Mm.44225
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120157	108001	AI845730	TC193179	null	Mm.41112
147456	138811	AI845788	TC176453	null	Mm.35467
119324	122274	AI843459	TC175911	Fas-apoptosis inhibitory molec	Mm.61679
112866	111123	AI842603	TC164890	null	Mm.463
644478	1133276	AI845741	TC159707	SPARC (aa 1-302)	Mm.35439
95670	103504	AI843413	TC189242	null	Mm.27876
985916	776939	AI843467	null	null	null
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616335	881154	AI845460	TC163989	null	Mm.33884
66333	38194	AI845507	TC187736	m-Numb	Mm.4390
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194333	311418	AI846766	TC187349	null	Mm.33240
161911	165392	AI845473	TC206627	null	Mm.39190
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78138	88553	AI846731	TC202282	null	Mm.37932
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31826	46749	AI843840	TC160860	null	Mm.35492
35143	37884	AI843877	TC200869	NADH-ubiquinone oxidoreductase	Mm.39182
566274	412236	AI843174	TC173114	ARL-6 interacting protein-1	Mm.29924
73228	92809	AI843214	TC202584	null	Mm.36683
134200	108204	AI843848	TC162429	phosphoinositide-dependent pro	Mm.10504
16467	26577	AI843884	TC162206	null	Mm.28032
103769	98282	AI846289	TC186658	null	Mm.41527
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42378	35421	AI842831	TC163382	null	null
497002	377601	AI842878	TC200113	null	Mm.23985
219609	203442	AI846301	TC200549	null	Mm.23014
96641	93031	AI846351	TC186880	null	Mm.26597
42403	52561	AI842846	TC190430	null	Mm.37695
11535	7526	AI842894	TC179263	null	Mm.26636
13445	8593	AI846687	TC189622	null	Mm.34235
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94407	58434	AI846145	null	null	null
149291	177129	AI846826	TC173827	null	Mm.22399
12895	13930	AI846695	TC186871	KH domain RNA binding protein	Mm.29313
41758	37077	AI842140	TC159768	null	Mm.30851
59621	84349	AI842165	TC157208	ubiquitin/60S ribosomal fusion	Mm.667
0	0	AI846838	TC176929	null	Mm.35325
18915	18005	AI847576	null	null	Mm.39862
9160	3894	AI834969	TC177786	null	Mm.40735



70332	75884	AI835003	TC158300	mitochondrial aspartate aminot	Mm.18916
80795	45974	AI842431	TC207564	null	null
36016	30192	AI834946	TC160359	null	Mm.35753
73527	70230	AI834976	TC174790	null	Mm.28885
23557	25191	AI835009	TC191457	null	Mm.63733
63475	50268	AI842439	TC187926	tRNA-guanine transglycosylase	Mm.24178
37409	27003	AI838991	TC173987	PMP68	Mm.1519
246070	193291	AI839030	TC173906	npdcf-1	Mm.1131
1389059	1122058	AI839518	TC173527	null	Mm.6157
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60879	47893	AI839524	TC159783	null	Mm.2795
349250	320758	AI839417	TC187288	null	Mm.28687
34506	18967	AI846872	TC163232	null	Mm.41370
59536	61924	AI847912	TC174094	null	Mm.28293
27606	18180	AI847946	TC174357	focal adhesion kinase	Mm.29674
43901	35367	AI847205	TC176785	null	Mm.31416
64007	55770	AI846882	TC173781	von Hippel-Lindau binding prot	Mm.8294
38861	36570	AI847926	TC159139	null	Mm.25279
291518	292629	AI847956	TC188522	null	Mm.44201
33259	25295	AI847213	TC176185	null	Mm.26148
74248	57676	AI842469	null	null	null
34742	24733	AI842322	TC202663	null	Mm.29839
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32946	24580	AI846169	TC206899	null	Mm.31667
225740	194064	AI842479	TC173523	null	Mm.144
33269	31886	AI842331	TC186798	the third largest RNA polymera	Mm.2186
39408	34028	AI842300	TC186787	null	Mm.25634
255289	258901	AI846184	TC173485	null	Mm.29377
100372	72838	AI846292	TC162495	RING finger protein AO7	Mm.27798
19016	10901	AI846341	TC187146	null	Mm.34721
88325	48846	AI842838	TC169431	null	Mm.40131
35197	37841	AI842882	TC177937	null	Mm.41030
77812	108482	AI846304	TC177303	null	Mm.6053
117418	115106	AI846352	TC202161	null	Mm.34238
9802	22656	AI842847	TC189164	reading frame IF (1 is 2nd bas	Mm.8245
4847	6891	AI842897	null	null	Mm.37811
194767	162885	AI846689	TC186917	Edp1 protein	Mm.29021
12920	11879	AI842136	TC186632	null	Mm.41544
70720	39658	AI842159	TC173383	null	Mm.42275
17013	15399	AI846827	TC188262	null	Mm.28901
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13364	9882	AI846146	TC176433	Wrn protein	Mm.15446
49814	65654	AI846841	TC200758	null	Mm.30260
30458	37656	AI847577	TC158590	null	Mm.34708
20619	14466	AI834970	TC187760	null	Mm.30938
87750	88636	AI835004	TC202518	co-chaperone mt-GrpE#2 precurs	Mm.12959
132446	143912	AI842432	TC161501	null	Mm.22403
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60945	60885	AI834978	TC190253	null	Mm.33840
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131076	134069	AI834855	null	null	null
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573680	488805	AI839397	TC202409	null	Mm.41212
226995	184492	AI834846	null	null	Mm.40729
318410	285686	AI839490	TC188912	null	Mm.38495
154894	139697	AI839526	TC187703	DXImx46e protein	null
15189	8576	AI839420	TC175792	null	Mm.43499
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191478	156391	AI847949	TC202158	null	Mm.29528
37210	38301	AI847207	TC200715	nucleolar protein	Mm.3716
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286853	340729	AI847927	null	null	Mm.40861
40595	22586	AI847957	TC177501	null	Mm.34000
65891	42897	AI847214	TC188916	null	Mm.41349
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85239	41392	AI842323	null	null	null
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40133	42185	AI846170	TC160171	null	Mm.34701
55322	52134	AI842481	TC190914	null	null
247526	212359	AI842332	TC187033	null	Mm.30016
24152	23966	AI842301	TC191947	null	Mm.40120
65162	69884	AI846188	TC193507	null	Mm.39708
256950	223389	AI846293	TC182757	null	Mm.63736
30809	25282	AI846342	TC177677	null	Mm.33039
0	0	AI842840	null	null	Mm.41794
32003	27727	AI842885	TC186914	null	Mm.25994
43229	30871	AI846305	TC186946	Ste20-like kinase	Mm.28761
258559	168015	AI846354	null	null	Mm.28514
13444	12336	AI842850	TC206136	null	Mm.42119
68897	67355	AI842898	TC177468	null	Mm.40351
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140094	151183	AI846123	TC200111	null	Mm.27453
174998	158267	AI842160	TC157903	T10	Mm.27502
19905	11751	AI846830	TC177711	null	Mm.41934
306978	220655	AI846697	TC209990	null	Mm.40843
45188	37799	AI846131	TC163671	null	Mm.26543
38970	37271	AI846147	TC161032	beta-1,4-galactosyltransferase	Mm.6628
23394	20348	AI846844	TC200850	null	Mm.27496
15334	11657	AI834941	TC171740	null	Mm.39754
26549	24261	AI834972	null	null	null
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285555	362824	AI842433	TC158956	myeloid associated differentia	Mm.29874
100433	129179	AI834948	TC174166	null	Mm.2137
149948	125440	AI834979	TC189392	null	Mm.3584
57547	36721	AI835012	TC190181	null	Mm.41425
255211	109882	AI842442	null	null	Mm.39168

53175	39481	AI838993	null	null	null
204692	194599	AI834856	null	null	null
431202	315086	AI839520	TC160594	guanylate kinase	Mm.3624
111372	85920	AI839403	TC195326	integral inner nuclear membran	Mm.40774
597796	642983	AI834847	TC187194	null	Mm.17917
78142	71719	AI839491	TC194110	null	Mm.41510
52187	48528	AI839527	TC179731	null	Mm.41831
166539	157090	AI839424	TC189850	teashirt 2	Mm.28740
121093	97759	AI846874	TC174652	null	Mm.24601
169433	153813	AI847914	TC161097	BTEB3 protein	Mm.41170
24135	23252	AI847950	TC161412	null	Mm.12787
32921	17137	AI847208	null	null	null
126160	100139	AI846884	TC173792	small zinc finger-like protein	Mm.30718
36733	33556	AI847928	null	null	null
30107	16203	AI847958	TC174158	null	Mm.33080
312706	157135	AI847216	TC157603	cytochrome c oxidase	Mm.43415
366005	330640	AI842473	TC207950	null	Mm.68854
75746	70766	AI842324	TC162709	null	Mm.29442
72572	82548	AI842295	TC200176	unnamed protein product	Mm.29341
127411	89387	AI846171	null	null	Mm.40480
32361	23831	AI842482	TC200116	null	Mm.40321
25319	14991	AI842333	TC166344	null	null
36677	38127	AI842302	TC158180	null	Mm.4139
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83977	75930	AI846297	TC161949	null	Mm.31062
38370	37458	AI846344	TC164592	null	Mm.41381
41656	36699	AI842841	TC189014	null	Mm.34047
11949	6127	AI842887	TC191663	null	Mm.5093
25303	19339	AI846307	TC192216	null	Mm.58619
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25923	23867	AI842852	TC189017	null	Mm.46019
244879	223977	AI842899	TC187589	null	Mm.30265
49560	46940	AI846692	TC161713	null	Mm.39488
39242	41565	AI846124	TC163134	null	Mm.39192
267840	239111	AI842162	TC200043	extra large alpha stimulating	Mm.17446
99998	72945	AI846834	TC160963	null	Mm.41636
68747	59808	AI846701	TC186442	ubiquitin conjugating enzyme	Mm.1570
26166	18486	AI846133	TC169463	null	Mm.39601
46338	45280	AI846148	TC190093	null	Mm.34766
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40459	34376	AI834942	TC165268	GABA-A receptor epsilon subuni	Mm.40371
30729	30758	AI834973	TC169315	null	Mm.39106
37370	26094	AI835006	TC203280	null	Mm.32998
81201	68460	AI842434	TC188448	protein phosphatase X	Mm.28082
95863	60142	AI834950	TC200711	null	Mm.35822
44214	35170	AI834980	TC190836	null	Mm.41161
38463	30799	AI835013	TC169572	null	Mm.40372
92906	77368	AI842443	TC187086	hemin-sensitive initiation fac	Mm.20949
1648680	1039487	AI838998	TC174214	testis-specific protein kinase	Mm.10154
372278	1448448	AI839031	null	null	null
895098	633240	AI839521	null	null	Mm.40414

140933	107375	AI839411	null	null	Mm.39148
99768	93795	AI839004	TC159144	null	Mm.26171
215713	183049	AI839492	TC186529	null	Mm.2395
98912	102018	AI839528	TC174803	null	Mm.34801
65793	54720	AI839436	TC188521	null	Mm.24005
149375	139740	AI846877	TC160234	null	Mm.20216
53716	43761	AI847915	TC174702	null	Mm.31380
0	0	AI847951	TC173399	unnamed protein product	Mm.831
69489	56245	AI847209	TC205432	null	null
38897	28843	AI846885	TC187403	null	Mm.28303
89848	63097	AI847929	TC192085	null	Mm.44099
1576714	1014124	AI847962	TC157768	cell surface glycoprotein A15	Mm.18590
99249	79710	AI847218	TC202795	null	Mm.31402
47881	27006	AI842474	TC178539	cAMP/cGMP phosphodiesterase	Mm.40124
84854	88091	AI842325	TC186900	HS1-associating protein	Mm.7401
126618	107386	AI842296	TC202575	null	Mm.29597
331891	191648	AI846176	TC158218	MHC H2-TL-T17-c	Mm.33263
174070	171821	AI842483	TC179282	null	null
57340	44186	AI842334	TC187268	null	Mm.31076
16139	14652	AI842303	TC174837	T-cadherin	Mm.24700
28626	25354	AI846191	TC162314	protein kinase	Mm.9287
46441	36210	AI846298	null	null	Mm.40836
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99521	80837	AI842842	TC161092	null	Mm.33951
246914	197715	AI842889	TC173886	null	Mm.3479
160019	114694	AI846312	null	null	Mm.186
60650	37711	AI846359	TC161058	cAMP-responsive element modula	Mm.5244
69297	78081	AI842855	TC202700	null	Mm.39290
93257	51939	AI842900	TC175318	null	Mm.41279
139904	122046	AI846693	TC158383	null	Mm.28000
88834	87084	AI846126	TC188870	null	Mm.22258
0	0	AI842163	null	null	Mm.4440
121316	103328	AI846835	TC187139	protein carboxyl methyltransfe	Mm.25293
723125	395505	AI846704	TC200361	glutathione-S-transferase homo	Mm.282
116965	100620	AI842141	TC200196	ERG-associated protein ESET	Mm.30196
218081	214190	AI842166	null	null	Mm.42356
16728	13290	AI846848	TC161613	null	Mm.28904
44496	42490	AI834944	TC203541	null	Mm.39987
12842	8577	AI834974	TC188582	null	Mm.41715
66661	46491	AI835007	TC200601	null	Mm.24201
10041	6688	AI842435	TC174730	null	Mm.34489
21060	24419	AI834952	TC163546	null	Mm.39105
0	0	AI834981	TC206522	null	Mm.39479
31816	26355	AI835015	TC190762	null	Mm.41022
16979	18918	AI842444	TC160675	tyrosylprotein sulfotransferas	Mm.14239
94451	71713	AI838999	null	null	null
44283	38701	AI834857	null	null	Mm.2632
146644	160944	AI839522	TC202516	null	Mm.4022
160748	154229	AI839412	TC159456	stearoyl-CoA desaturase 2	Mm.298
443311	318504	AI834848	null	null	Mm.39305
46927	29878	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261

65895	41673	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
150665	104277	AI839437	TC202458	Dgcr6 protein	Mm.27155
11863	6008	AI846878	TC189519	null	Mm.27325
74855	75885	AI847917	TC165132	null	Mm.29663
47598	37083	AI847952	TC205619	null	Mm.31421
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37423	28451	AI846886	TC196318	null	Mm.40847
89776	88922	AI847921	TC160192	glycerophosphate dehydrogenase	Mm.10669
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218811	230554	AI842297	TC186568	ras-related C3 botulinium tox	Mm.889
23364	19356	AI846181	TC162280	null	Mm.41340
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0	0	AI842339	TC190653	null	Mm.17993
11688	13632	AI842304	TC196376	null	Mm.44835
57901	55581	AI846198	TC188341	null	Mm.28232
55891	61679	AI846300	TC202802	cell cycle checkpoint protein	Mm.20947
76141	98836	AI846348	TC173751	hypoxia induced gene 1	Mm.17504
0	0	AI842845	TC192388	lysosomal trafficking regulato	null
0	0	AI842893	null	null	Mm.41996
106890	82899	AI846313	TC160748	null	Mm.4511
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33160	23360	AI842856	null	null	Mm.39361
364991	320592	AI842901	null	null	null
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123274	96224	AI842137	TC160505	null	Mm.30153
195852	262821	AI842164	TC186785	SIG41	Mm.2984
20318	18203	AI846837	TC178398	null	Mm.41839
762708	494093	AI846706	TC177211	null	Mm.44173
160238	120222	AI842144	TC202243	receptor for viral-encoded sem	Mm.39814
0	0	AI842167	null	null	Mm.40438
26149	24959	AI846850	null	null	null
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28780	36160	AI835008	TC164651	Kruppel-related protein	Mm.40326
113018	112852	AI842437	TC175768	null	Mm.30504
167381	180053	AI834955	TC161424	TLSF-alpha precursor	Mm.465
173165	148498	AI834982	TC161156	null	Mm.26194
113187	94537	AI835016	TC177318	null	Mm.4052
71629	57803	AI842445	TC169507	null	Mm.39818
873020	754671	AI839000	null	null	Mm.43309
96319	104597	AI839034	TC161024	null	Mm.35828
0	0	AI839523	TC187651	ena-VASP like protein	Mm.2144
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123213	114314	AI839531	TC158498	null	Mm.30928
70094	92586	AI839440	TC204380	null	Mm.39339
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54940	49779	AI847919	TC174889	null	Mm.29609
54106	53941	AI847953	TC161392	null	Mm.18728
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70790	76285	AI847897	TC162346	testis-specific gene	Mm.5030
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82735	64664	AI846182	TC161731	huntingtin interacting protein	Mm.33797
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54866	35050	AI846200	TC161065	null	Mm.27188
18592	19674	AI847670	TC162622	null	Mm.40655
39621	27743	AI847702	TC188386	apoptosis activator Mtd	Mm.3295
235028	286822	AI847067	TC158161	Nedd-4	Mm.16553
17691	14264	AI847104	TC161125	null	Mm.22856
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85983	50160	AI847113	null	null	null
23745	24842	AI849530	TC176051	WD40 repeat protein	Mm.15694
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7943	9356	AI848257	TC187499	equilibrative nitrobenzylthioi	Mm.29744
14607	7160	AI848283	TC176318	null	Mm.25699
24703	26745	AI848667	TC163339	null	Mm.32047
64889	57270	AI849301	TC186442	ubiquitin conjugating enzyme	Mm.1570
67561	60814	AI849335	TC201219	neighbor of Punc e11 protein	Mm.40995
11240	5962	AI849371	TC174889	null	Mm.40460
130188	94851	AI848838	TC160662	null	Mm.33729
161730	98671	AI849311	TC175111	cleavage and polyadenylation s	Mm.28790
14265	16216	AI849344	TC201487	null	Mm.5293
279877	207506	AI848815	TC202306	aldo-keto reductase AKR1C13	Mm.27447
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129698	91115	AI848329	TC163420	null	Mm.24120
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56835	40491	AI848015	TC186698	null	Mm.41729
159143	85759	AI848335	TC175411	null	Mm.24261
56580	42546	AI848372	TC162734	null	Mm.28065
232833	182590	AI847983	TC190396	plasminogen activator inhibito	Mm.5019
25169	16770	AI848028	TC177562	null	Mm.63817
56843	45350	AI848616	TC179660	null	null
17912	11221	AI848690	TC178328	voltage-sensitive calcium chan	Mm.41842
29765	21047	AI849045	TC210672	null	Mm.39621
94241	96059	AI849083	TC161483	null	Mm.28926

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38970	27063	AI849093	TC167694	null	Mm.40645
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99530	92449	AI847679	null	null	null
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24813	26721	AI849345	TC201900	null	Mm.13711
60449	77363	AI848816	TC160912	Gas1 protein	Mm.22701
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276336	245093	AI848351	TC160763	beta-D-galactosidase fusion pr	Mm.21772
51323	62214	AI848016	TC174834	null	Mm.20921
56930	37785	AI848336	TC174982	proSAAS	Mm.4881
40464	36584	AI848373	TC204642	null	Mm.40178
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23313	16395	AI848618	TC187238	GLUT4 vesicle protein	Mm.29010
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231811	175312	AI849049	TC187378	muSec1	Mm.7247
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27905	39514	AI848956	TC187321	null	Mm.44114
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18650	16150	AI847680	TC203137	null	null
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18499	13915	AI847122	TC207245	null	Mm.40168
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500932	527914	AI848331	TC159891	heterogenous nuclear ribonucle	Mm.2115
202847	217917	AI848367	TC201166	null	Mm.18555
414240	375037	AI848354	TC174070	null	Mm.22679
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288135	221077	AI848337	TC188183	null	Mm.2125
74688	67364	AI848374	null	null	Mm.40512
57481	52794	AI847987	TC189003	Pig-a precursor	Mm.3781
92008	96482	AI848030	TC162275	null	Mm.27412
207420	110033	AI848621	TC205649	null	Mm.39872
124201	109498	AI848698	TC158920	ornithine decarboxylase, ODC {	Mm.15259
0	0	AI849052	TC183475	null	Mm.39622
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29580	23383	AI848630	TC187958	G-protein coupled receptor	Mm.20465
120935	100384	AI848702	TC201923	mBLVR	Mm.28463
161956	131735	AI849058	TC160926	carboxyl terminal LIM domain p	Mm.5567
55815	39840	AI849099	TC163026	zinc-finger factor FOG2	Mm.39496
75341	40432	AI848884	TC189844	null	Mm.23885
183388	174457	AI849418	TC206313	null	Mm.40702



108510	84414	AI849455	TC173522	septin	Mm.336
35957	31447	AI848982	TC162239	null	Mm.22398
14959	11748	AI849376	null	null	null
198661	156444	AI849429	null	null	null
45514	32322	AI848957	TC204225	null	Mm.11233
50507	41031	AI848989	TC200658	chromaffin granule ATPase II h	Mm.33083
155255	165218	AI847674	TC160074	casein kinase I-alpha	Mm.43737
488030	431746	AI847707	TC206842	null	Mm.39396
25718	20963	AI847070	TC186522	null	null
103057	67943	AI847108	TC175390	null	Mm.27786
0	0	AI847683	TC188297	TDAG51/lpl homologue 1	Mm.34346
29340	27287	AI847730	TC183485	null	Mm.57588
60562	60692	AI847081	TC201587	null	Mm.29615
36289	24649	AI847123	TC169451	null	Mm.44582
90887	62531	AI849534	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
89565	63632	AI848254	TC183625	null	Mm.41258
35872	29615	AI848280	TC189566	null	Mm.39099
22154	18086	AI848662	TC177859	null	Mm.41575
187242	159614	AI848231	TC188428	null	Mm.29556
82260	53786	AI848260	TC188561	null	Mm.29990
135146	145915	AI848286	TC186995	null	Mm.29617
65239	50585	AI848598	TC164221	null	Mm.967
0	0	AI849305	TC191123	null	Mm.40259
0	0	AI849339	null	null	null
0	0	AI849374	TC162414	null	Mm.41363
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287525	370095	AI849317	TC174818	null	Mm.34506
85670	112466	AI849348	TC177539	null	Mm.18905
66202	50708	AI848819	TC161969	brain fatty acid-binding prote	Mm.3644
39710	30409	AI848853	TC158340	null	Mm.29780
54608	53094	AI848332	TC178059	null	Mm.33118
46786	45454	AI848368	TC186838	synaptosomal associated protei	Mm.4435
325312	277181	AI848396	TC173784	LIS	Mm.64447
45823	33320	AI848022	TC205001	null	Mm.58647
400156	334181	AI848338	TC188864	null	Mm.27518
1019132	892405	AI848375	TC187324	huntingtin interacting protein	Mm.10082
31623	26913	AI847988	null	null	null
144733	119856	AI848031	TC203283	null	null
130984	158104	AI848623	TC187682	null	Mm.29762
114117	92435	AI848699	TC201090	null	Mm.27904
122505	115381	AI849053	TC166695	null	Mm.40021
30354	21143	AI849087	TC201084	survival motor neuron	Mm.2025
62913	42727	AI848671	TC200421	Sh3bgrl protein	Mm.21446
43384	32326	AI848703	null	null	Mm.39873
483551	551421	AI849059	TC202664	null	Mm.38212
0	0	AI849100	TC187571	null	Mm.28524
63242	44691	AI848885	TC160171	null	Mm.34701
66721	63639	AI849420	TC190278	null	Mm.24184
72205	70123	AI849459	TC187906	null	Mm.41851
41129	43069	AI848983	TC204381	alpha-tubulin 8	Mm.32884
255198	193269	AI849377	null	null	null

180839	162801	AI849431	TC200913	null	Mm.3310
0	0	AI848958	TC197013	null	null
55385	43744	AI848990	TC161901	calcium modulating cyclophilin	Mm.2313
8143	4773	AI847675	TC189718	reduced in osteosclerosis tran	Mm.20839
28110	26446	AI847709	TC175074	null	Mm.39980
26279	17788	AI847072	TC190890	embryonic stem cell phosphatas	Mm.4450
24367	13830	AI847110	TC203570	null	Mm.27443
45265	22345	AI847686	TC197031	null	null
33498	31890	AI847731	TC163879	null	Mm.23873
67651	57499	AI847082	TC164527	null	null
22673	25456	AI847124	TC187386	null	Mm.40851
26454	18318	AI849538	TC210668	null	Mm.40519
159851	129502	AI848255	TC173936	heme oxygenase-2b	Mm.710
327618	266184	AI848281	TC173916	null	Mm.28852
19541	14805	AI848664	TC174828	synapsin IIb	Mm.20892
54157	43667	AI848233	TC178266	sprouty-2	Mm.39984
50801	43291	AI848261	TC160941	null	Mm.10641
87483	80163	AI848287	TC163132	null	Mm.31690
58205	34626	AI848599	TC180500	null	Mm.22965
1211557	758327	AI849308	TC174355	glutaredoxin	Mm.29728
73873	61692	AI849340	TC159679	inner centromere protein INCEN	Mm.41503
15641	13770	AI848813	TC175203	null	Mm.28360
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112461	128646	AI848820	TC173685	null	Mm.27872
73623	52768	AI848855	TC175446	null	Mm.25621
8819	10165	AI848333	TC173514	retinoic acid-responsive prote	Mm.906
92730	71832	AI848369	TC208310	null	null
71933	49399	AI847980	TC164419	null	Mm.40333
53883	38925	AI848023	TC162072	neuronal-specific septin 3	Mm.41226
165200	134435	AI848340	TC175512	null	Mm.27245
135657	111590	AI848376	TC178155	null	Mm.32487
159330	161388	AI847992	TC188879	null	Mm.28199
87842	83410	AI848033	TC201180	null	Mm.43487
156617	239129	AI848624	TC200390	APEX nuclease precursor	Mm.203
519709	576246	AI848700	TC157728	kinesin heavy chain	Mm.3380
182673	137508	AI849054	TC162891	null	Mm.30238
20679	19812	AI849089	TC174469	unnamed protein product	Mm.29122
58312	46933	AI848674	TC202809	neurogenic differentiation fac	Mm.41500
158781	140928	AI848704	TC174211	chromatin structural protein h	Mm.460
31379	30651	AI849060	TC177080	null	Mm.23916
197520	208879	AI849101	TC173233	acetyl-CoA synthetase	Mm.41757
161749	121632	AI848888	TC160165	null	Mm.21811
35618	40159	AI849423	TC173768	Sid1669p	Mm.25228
61654	55990	AI848952	TC200073	null	Mm.17362
63217	63350	AI848984	TC174492	null	Mm.27311
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101842	117123	AI849432	TC174115	null	Mm.13796
26245	24628	AI848959	TC175741	null	Mm.45169
26707	25854	AI848992	TC161339	mitogen- and stress-activated	Mm.20914

42250	33676	AI847676	TC188386	apoptosis activator Mtd	Mm.3295
18390	16803	AI847710	null	null	Mm.41842
32594	42460	AI847073	null	null	null
185837	204623	AI847112	null	null	null
37575	31576	AI847689	TC201246	retinal-specific heterotrimeri	Mm.4702
32462	29180	AI847737	null	null	null
183258	190255	AI847083	TC186622	protein phosphatase 1	Mm.4572
34332	24431	AI848311	null	null	Mm.42131
35921	33771	AI849539	TC178809	null	Mm.40874
41620	36205	AI848256	null	null	null
42538	33877	AI848282	TC165402	null	Mm.42964
20881	20233	AI848665	TC203730	null	Mm.41407
99802	91956	AI848234	TC179902	null	Mm.39866
102238	85146	AI848262	TC165651	null	Mm.39867
42536	49685	AI848289	null	null	null
318476	333494	AI848601	TC200388	[Mouse TIS11 primary response	Mm.18571
48889	25944	AI849309	TC189663	null	Mm.68835
22230	29832	AI849341	TC187396	muscle protein 684	Mm.27871
0	0	AI848814	TC171834	null	Mm.39620
94613	71859	AI848849	TC173091	mtprd	Mm.3679
962361	1282992	AI849319	TC202555	null	Mm.28315
88745	114624	AI849350	TC187437	null	Mm.39350
194086	162276	AI848821	TC161079	null	Mm.26418
23347	18667	AI848856	TC187797	DMR-N9	Mm.2852
40399	30201	AI848334	TC164690	null	Mm.40288
682021	762024	AI848370	TC200609	null	Mm.27319
53243	49328	AI847981	TC163277	null	Mm.23992
69078	64637	AI848024	TC179346	null	Mm.33311
131763	108636	AI848341	TC205133	null	Mm.23496
303410	334797	AI848377	TC201690	null	Mm.28861
64325	69838	AI847993	TC205958	null	Mm.40320
68391	56500	AI848035	TC159908	null	Mm.4603
131676	101749	AI848627	TC160880	apoptosis-inducible	Mm.41582
147656	160267	AI848691	TC201473	null	Mm.41099
79874	66403	AI849055	TC193259	null	null
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212314	222528	AI848675	TC174177	null	Mm.25331
49920	35267	AI848705	TC205267	null	Mm.40698
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261743	322693	AI849102	TC183473	null	null
98632	85833	AI848893	TC207213	null	Mm.60603
124034	119054	AI849424	TC173247	N-acetylglucosaminyl transfera	Mm.6354
70732	67526	AI848954	null	null	Mm.1776
681912	407012	AI848985	TC161787	CD13/aminopeptidase N	Mm.4487
1239338	1104155	AI849379	null	null	Mm.18041
97196	109586	AI849433	TC161334	null	Mm.30157
178184	277882	AI848961	null	null	Mm.3486
65948	52821	AI848993	null	null	null
71778	74894	AI844606	TC188303	null	Mm.28097
15913	12116	AI848945	null	null	null
25334	24489	AI844041	TC175347	null	Mm.25568

27636	18411	AI844086	TC162483	null	Mm.42943
22771	31634	AI848921	null	null	Mm.40184
92937	102216	AI844011	TC186887	null	Mm.30194
14540	7706	AI844050	TC196282	null	Mm.54508
0	0	AI844098	TC202552	null	null
103700	123550	AI850013	TC159890	mPRL-2	Mm.6355
0	0	AI854351	TC163963	multiple PDZ domain protein	Mm.3140
125065	85942	AI854391	null	null	Mm.16773
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130190	128229	AI850023	null	null	null
65330	56586	AI854361	TC186401	null	Mm.3381
90633	83513	AI850111	TC199976	ribosomal protein S12 (AA 1 -	Mm.43452
21933	24038	AI850160	TC204230	neurofilament protein	Mm.2034
0	0	AI850603	TC189045	null	Mm.41042
57935	43575	AI850654	TC200968	null	Mm.34576
17192	13334	AI850693	null	null	Mm.41403
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119463	140885	AI850620	TC159935	matrin3	Mm.25575
49426	41832	AI850666	TC202133	null	Mm.41453
88926	84610	AI850707	TC161046	null	Mm.30264
34654	21740	AI850749	TC161467	null	Mm.38211
439850	416741	AI844131	null	null	Mm.16767
44142	39675	AI844190	TC162849	GRP1-associated scaffold prote	null
294248	229316	AI844237	TC173784	LIS	Mm.64447
353642	278752	AI849650	null	null	null
43135	27725	AI844145	null	null	Mm.39580
114947	115792	AI844203	TC189852	elongation factor-2 kinase	Mm.30029
92163	76645	AI844245	TC175475	null	Mm.24159
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26983	19560	AI850275	TC165318	null	Mm.43082
150819	118356	AI850305	TC189462	null	Mm.2498
15021	14751	AI850204	TC197064	null	null
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294611	273726	AI850284	TC173306	ATF4	Mm.641
64909	56688	AI850312	TC160406	NF-IL6	Mm.4230
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147948	118011	AI851789	TC183636	null	Mm.44136
22780	36368	AI851618	TC176009	sex comb on midleg homolog pro	Mm.18718
46196	48859	AI851646	TC175198	null	Mm.40907
47195	36378	AI851768	TC164335	null	Mm.44909
64887	65693	AI851599	TC205459	null	Mm.33796
0	0	AI851624	TC200634	49 kDa zinc finger protein	Mm.12236
7533	6594	AI851652	TC173535	cardiovascular helix-loop-heli	Mm.29581
29312	20387	AI848917	TC161023	metaxin	Mm.22508
15299	12853	AI848946	TC160309	TMEFF2	null
17359	19806	AI844042	TC188073	BIT	Mm.1682
133372	105860	AI844087	TC175685	osmotic stress protein 94	Mm.4150
131201	143548	AI848923	TC200682	null	Mm.40612
27205	42152	AI844012	null	null	null

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27711	25320	AI854352	TC200586	topoisomerase III beta	Mm.20915
24862	23491	AI854393	TC188567	null	Mm.24125
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42987	38968	AI850024	TC169308	null	Mm.37590
75464	61563	AI854363	TC159981	null	Mm.40643
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58607	45310	AI850655	TC186754	null	Mm.41134
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85603	62610	AI850624	TC190153	null	Mm.27539
21859	13974	AI850667	TC178818	null	Mm.41025
651949	320612	AI850709	TC201897	GlcNAc-1-P transferase	Mm.18353
56275	24378	AI850750	TC202036	RNA polymerase I largest subun	Mm.7387
70441	54282	AI844132	TC199940	beta-sarcoglycan	Mm.39733
77835	52566	AI844191	TC201058	null	Mm.27862
110813	116247	AI844238	TC188341	null	Mm.28232
216342	174322	AI849652	null	null	Mm.45555
56211	44477	AI844147	null	null	null
91312	80246	AI844207	TC204529	null	null
45726	32888	AI844247	TC174421	tissue inhibitor of metallopro	Mm.36851
122192	129609	AI849660	TC200967	null	Mm.30826
108303	85815	AI850196	TC175306	null	Mm.41456
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19735	22723	AI850306	TC164105	receptor activity modifying pr	Mm.39884
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44445	40384	AI850249	TC168149	null	Mm.44130
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82454	70160	AI850314	TC192323	null	Mm.37988
11540	11910	AI851759	TC163910	large conductance calcium acti	Mm.4123
0	0	AI851790	TC201623	null	Mm.41088
27748	18111	AI851619	TC160505	null	Mm.30153
44846	43499	AI851647	TC174511	null	Mm.22240
190327	205251	AI851769	TC186590	null	Mm.19802
33712	27487	AI851600	TC161421	null	Mm.23939
0	0	AI851625	TC160863	null	Mm.28196
75266	63930	AI851654	TC187700	null	Mm.28026
54005	59662	AI848918	TC157814	lysosomal sialidase	Mm.8856
36711	37155	AI844007	TC201209	null	Mm.24495
320726	195308	AI844043	TC187170	null	Mm.28336
19728	16043	AI844088	TC161219	null	Mm.39503
204743	205861	AI848924	TC162610	poly(ADP-ribose) glycohydrolas	Mm.15962
100169	107629	AI844013	TC161442	null	Mm.41155
11449	13240	AI844052	TC204270	null	Mm.39184
164394	97586	AI844100	TC187382	Rsp29-like protein	Mm.44240
290971	159517	AI850017	TC173735	null	Mm.20242

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0	0	AI854394	null	null	null
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35398	35706	AI854364	TC176656	null	Mm.39706
138705	102686	AI850119	null	null	null
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84151	73577	AI850605	TC162436	gankyrin	Mm.17640
9827	13272	AI850656	TC203477	histone deacetylase mHDA2	Mm.29854
0	0	AI850696	TC196442	null	Mm.40019
68438	43411	AI850740	TC175860	null	Mm.1040
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168932	79413	AI850712	TC203807	null	Mm.5258
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60845	53172	AI844135	null	null	Mm.40821
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233510	191469	AI844239	TC203062	N-Acetylglucosamine kinase	Mm.29772
308010	240182	AI849653	null	null	null
338423	225749	AI844149	TC173804	null	Mm.29202
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36005	27663	AI844248	TC189064	null	Mm.39720
36190	34984	AI849662	TC206019	germ cell nuclear factor	Mm.4577
149765	157861	AI850198	TC206193	null	Mm.39489
88905	73272	AI850240	null	null	null
259115	160381	AI850278	TC200354	alcohol dehydrogenase 1 (ADH-1	Mm.2409
283963	309295	AI850307	TC186645	nuclear RNA helicase Bat1	Mm.30076
624353	373269	AI850208	TC173855	null	Mm.29640
192957	163131	AI850250	TC179309	null	Mm.43894
186795	122237	AI850286	TC158314	null	Mm.3014
114521	114440	AI850315	TC187351	null	Mm.17162
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33787	35400	AI851620	TC164519	null	Mm.35100
34101	28851	AI851648	TC161609	null	Mm.7703
94076	76326	AI851770	TC173833	null	Mm.22226
13157	13198	AI851601	TC177549	null	Mm.34944
48054	46724	AI851626	TC174779	null	Mm.35790
21811	22123	AI851655	TC175885	null	Mm.23720
24981	23188	AI844608	TC191109	null	Mm.41746
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91291	83015	AI844612	TC201072	ER protein 58	Mm.8282
75428	63097	AI844015	TC192705	null	Mm.27392
35235	34576	AI844057	TC157985	null	Mm.41895
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13297	12583	AI854358	TC174291	null	Mm.29811
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56706	69663	AI850658	TC205883	null	Mm.32880
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192749	170232	AI844199	TC162656	null	Mm.41579
68709	60531	AI844240	TC160860	null	Mm.35492
123121	120133	AI849654	null	null	Mm.39627
69865	50476	AI844153	TC157980	myocyte nuclear factor-beta	Mm.24214
92978	72141	AI844209	TC202768	myotubularin related protein 7	Mm.20253
38128	29235	AI844249	TC193851	null	null
44070	33615	AI849665	TC170167	null	Mm.40877
74976	63405	AI850200	TC173994	null	Mm.27292
70058	58434	AI850241	TC160751	null	Mm.22031
72705	57950	AI850280	TC179136	null	Mm.40528
693052	520303	AI850308	TC159548	calmodulin	Mm.18041
184788	118302	AI850209	TC203000	FOG	Mm.3105
29836	25932	AI850251	null	null	null
161635	108496	AI850287	TC162558	null	Mm.22911
187301	161423	AI850317	null	null	Mm.39217
0	0	AI851761	TC190130	null	Mm.27417
39696	27659	AI851792	TC187246	null	Mm.35631
97507	65629	AI851621	TC202693	null	null
321486	474025	AI851649	TC200016	ribosomal protein L12	Mm.4076
34847	27124	AI851771	TC164735	null	Mm.40364
24151	14602	AI851602	TC177294	null	Mm.41055
53535	48877	AI851627	TC160986	null	Mm.34081
0	0	AI851656	null	null	Mm.39652
0	0	AI848919	TC189253	seizure-related gene product 6	Mm.4727
0	0	AI844003	TC160624	null	Mm.29390
0	0	AI844048	null	null	Mm.4654
22054	20802	AI844093	null	null	Mm.40819
0	0	AI848926	TC202651	null	Mm.46744
136849	182472	AI844017	TC159942	aldose reductase	Mm.451
119051	113426	AI844058	null	null	Mm.20929
114443	132319	AI844106	TC200593	null	Mm.3856
28921	27132	AI850020	TC190085	hereditary haemochromatosis ho	Mm.2681
23780	17705	AI854359	null	null	Mm.39948
0	0	AI854396	TC205806	null	Mm.40582
30239	32762	AI850157	null	null	null
81685	68531	AI854321	null	null	Mm.39267
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57207	92700	AI850613	TC199967	null	Mm.21953
28448	21611	AI850661	TC174430	null	Mm.29413
7576	5721	AI850700	TC177596	null	null
6635	3670	AI850743	TC166389	null	null
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50952	40605	AI850671	TC160952	PHR1 isoform 2	null
103107	68004	AI850715	null	null	Mm.40890
272697	228749	AI851696	TC187304	fibroglycan (syndecan-2)	Mm.29350
15982	16879	AI844138	null	null	Mm.39579
208209	141563	AI844200	TC200431	null	Mm.44750
50580	36969	AI844241	TC174089	AF1q	Mm.25165
37308	28233	AI849655	TC190192	null	Mm.12054
58399	41930	AI844156	TC205965	null	null
73041	71326	AI844210	TC162336	colony stimulating factor-1	Mm.795
1585703	1012886	AI844250	TC161974	null	Mm.6667
105131	125891	AI849666	TC178769	null	Mm.35435
151260	121069	AI850201	TC160517	chloride channel CLC-2	Mm.40496
85658	64158	AI850242	TC187602	Cadherin-related neural recept	Mm.15528
79531	55058	AI850282	TC200483	null	Mm.30113
202440	205405	AI850309	TC174666	null	Mm.24816
63282	46169	AI850211	TC200396	null	Mm.39967
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136399	130762	AI851764	TC187335	null	Mm.19352
136540	73823	AI851793	TC202826	null	Mm.41611
15680	7192	AI851622	TC164328	Plasma membrane Ca <sup>2+</sup> -ATPase is	Mm.20441
72254	60954	AI851650	TC160680	null	Mm.23739
75576	74097	AI851772	TC206879	null	null
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10485	8803	AI851628	null	null	Mm.39651
0	0	AI851657	TC211860	null	null
23572	27817	AI848920	TC203871	null	Mm.23973
45712	45336	AI844005	null	null	Mm.5293
26390	24181	AI844049	null	null	Mm.40148
11091	11181	AI844094	TC192055	null	Mm.40192
50923	47502	AI844613	TC161845	null	Mm.29465
461521	424441	AI844021	TC200235	calmodulin	Mm.1147
102435	122184	AI844059	TC191063	null	Mm.41417
67720	59378	AI844107	TC201005	null	Mm.39989
62810	59223	AI850022	null	null	Mm.40881
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474542	546703	AI850158	null	null	null
24827	25600	AI854324	null	null	Mm.39947
44121	53525	AI854369	TC179609	nicotinic acetylcholine recept	Mm.40959
111439	116912	AI850126	TC160008	palmitoyl-protein thioesterase	Mm.43660
31155	27691	AI850169	TC166868	null	Mm.40028
188894	126328	AI850616	TC161525	null	Mm.27422
67946	61631	AI850662	null	null	null



35185	28602	AI850702	TC210712	null	Mm.39219
27011	27165	AI850748	TC174453	null	Mm.29629
20314	20773	AI850631	null	null	null
66232	84470	AI850672	TC187417	Ste-20 related kinase SPAK	Mm.41532
26402	18976	AI850716	null	null	null
156298	167098	AI851700	null	null	null
139904	127894	AI844141	null	null	null
83812	77930	AI844201	TC163481	null	Mm.41594
240355	246965	AI844243	TC175425	F-box protein FBW5	Mm.29170
272792	231046	AI849657	null	null	Mm.40520
100503	137891	AI844157	TC200521	null	Mm.28839
519111	636848	AI844211	TC173051	LIM domain binding protein 1	Mm.4524
26357	26669	AI844251	TC164786	null	Mm.41426
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65569	69943	AI850203	TC207304	null	null
50407	46236	AI850244	TC188573	null	Mm.22649
346746	217996	AI850283	null	null	Mm.39417
52475	62507	AI850311	null	null	Mm.40017
55693	48498	AI850213	TC181239	null	Mm.39415
171842	199496	AI850253	TC160511	null	Mm.27649
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212797	236777	AI850320	TC173507	null	Mm.28438
45942	51289	AI851766	TC188441	null	Mm.17796
45114	32588	AI851794	null	null	null
15288	16317	AI851623	TC174539	null	Mm.29917
0	0	AI851651	TC162120	brevican	Mm.4598
0	0	AI851774	TC157983	null	Mm.22844
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18699	15747	AI851629	TC158644	null	Mm.21906
50327	41841	AI851658	TC175670	BKLF	Mm.30798
0	0	AI853363	null	null	Mm.41836
19348	5832	AI853396	TC209937	null	Mm.29073
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38832	48815	AI851837	TC160140	fertilization antigen-1; FA-1	Mm.29504
12144	7106	AI854405	TC188923	c-fms protein precursor (AA -1	Mm.22574
0	0	AI852773	null	null	Mm.40936
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24234	19474	AI852927	TC179143	null	Mm.40938
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11387	8139	AI853118	TC177703	null	Mm.35291
37549	37581	AI853152	TC173963	thymopoietin beta	Mm.33852
319202	319088	AI853760	TC187317	transmembrane protein TM9SF3	Mm.2986
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0	0	AI853800	TC164283	null	Mm.41184
39221	35644	AI854431	TC189793	null	Mm.23258
0	0	AI854459	null	null	null
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59726	32553	AI854438	TC208688	null	Mm.40169
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37061	33666	AI852088	TC161593	null	Mm.24259
26919	19293	AI852120	TC176101	GABA-A receptor alpha-4 subuni	null
25899	17457	AI852157	TC189008	polycystic kidney disease 1 pr	Mm.2973
53615	29109	AI852055	TC203855	mDab271 protein	Mm.18527
789547	1053922	AI852094	TC157597	poly(A) binding protein	Mm.2642
0	0	AI852131	TC174424	null	Mm.28715
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31538	34208	AI853212	TC161510	null	Mm.34744
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10208	12668	AI853182	TC161814	null	Mm.34758
9790	8161	AI853224	TC202925	null	Mm.26786
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43783	51914	AI852704	TC200967	null	Mm.30826
91822	71497	AI853365	TC200330	null	Mm.23929
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18246	12571	AI851829	TC183496	null	Mm.25887
0	0	AI851863	TC177502	cyclin dependent kinase 5 regu	Mm.136
25612	22148	AI853375	TC158389	includes exons 3 through 12	Mm.22670
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23487	20892	AI852972	TC201397	null	Mm.24859
15355	13532	AI853119	TC193037	null	Mm.17381
95812	69817	AI853153	TC174418	null	Mm.14816
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148305	110194	AI853130	null	null	Mm.40941
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27525	15787	AI853769	TC177750	null	null
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13424	8669	AI852089	TC177675	growth factor ARC	Mm.25405
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75647	109700	AI852696	null	null	Mm.11376
69202	38998	AI853184	null	null	null
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29688	60813	AI852776	TC160811	Ku autoantigen	Mm.2627
9532	14836	AI852805	TC175100	plakophilin-3	Mm.29603
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59743	52259	AI852964	TC203610	null	Mm.39439
24198	21522	AI852782	TC188505	null	Mm.22758
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124339	113475	AI852932	TC158923	unnamed protein product	Mm.28650
74714	65985	AI852973	TC187703	DXImx46e protein	Mm.29297
57902	54244	AI853123	TC178320	null	Mm.45426
23309	29145	AI853155	TC179780	null	Mm.39925
113030	97914	AI853762	TC161357	TGN38B precursor	Mm.4142
18537	15512	AI853796	TC193387	null	Mm.41222
86419	99223	AI853132	TC177361	null	Mm.39647
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9655	6914	AI853770	TC175003	null	Mm.37290
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135384	115495	AI854433	TC176497	mCaMK1-beta2	Mm.31680
0	0	AI854461	TC201760	null	Mm.12746
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129208	125344	AI854468	TC177897	G-protein alpha-t2 subunit	Mm.4805
21104	20958	AI852588	TC160885	null	Mm.21762
49735	44961	AI852618	TC212027	null	null
35458	51887	AI852050	null	null	null
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49184	47013	AI852059	TC163843	null	Mm.40290
57809	52605	AI852097	TC159695	NIPSNAP1 protein	Mm.16958
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0	0	AI852172	TC178229	null	Mm.39286
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46935	52945	AI853215	TC201416	null	Mm.29711
143794	180325	AI852665	TC201222	null	Mm.18739
42171	35185	AI852697	TC175900	unnamed protein product	Mm.29410
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17977	14973	AI852672	TC161202	phosphofructokinase-M (connect	Mm.26550
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0	0	AI851833	TC160778	null	Mm.34536
288505	164024	AI851866	TC160020	preadipocyte growth factor / g	Mm.426
25943	13976	AI853378	null	null	Mm.39674
21701	15763	AI851799	TC196408	null	Mm.40540
35955	30048	AI851840	TC205113	null	Mm.41843
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39484	31242	AI854434	TC173787	null	Mm.39981
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137450	86925	AI852612	TC158886	null	Mm.683
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397745	403511	AI854469	TC186717	truncated SON protein	Mm.36553

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78261	57643	AI853405	TC201063	house-keeping protein	Mm.103
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34814	19306	AI854413	TC189329	null	Mm.35756
36390	28240	AI852778	TC188045	null	Mm.45197
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96248	111455	AI852923	null	null	null
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17401	26209	AI854463	TC196945	null	Mm.39685
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67758	69737	AI854470	TC192059	null	Mm.39686
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93381	74070	AI852165	TC188558	null	Mm.28984
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57418	73321	AI852708	null	null	null
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17665	18620	AI851836	null	null	null
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0	0	AI851803	null	null	Mm.6951
68790	69682	AI851842	TC187437	null	Mm.39350
121047	86426	AI854414	TC204219	protein tyrosine phosphatase-I	Mm.4755
84194	115351	AI852779	null	null	Mm.40560
27803	25564	AI852809	TC189725	null	Mm.34573
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0	0	AI852969	null	null	Mm.41238
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0	0	AI852815	null	null	null
0	0	AI852941	TC190431	null	Mm.30643
39344	40317	AI852977	null	null	null
112320	168593	AI853127	TC173538	null	Mm.30020
57748	64327	AI853159	null	null	Mm.39246
30444	25634	AI853767	TC204353	null	Mm.41432
20141	17367	AI853799	TC163368	null	Mm.44324
0	0	AI853135	TC202247	zinc finger protein	Mm.7952
116863	150791	AI853738	TC186609	Rnf4	Mm.46773
227711	273094	AI853774	TC189629	null	Mm.41899
71813	60994	AI853805	null	null	Mm.39970
1909478	1086724	AI854437	null	null	Mm.28897
93263	90656	AI854464	TC189279	null	Mm.34870
0	0	AI852583	TC194563	null	Mm.40556
58556	61837	AI852614	TC157916	null	Mm.28323
124272	102617	AI854445	TC163136	null	Mm.41329
175315	176110	AI854474	TC201857	null	Mm.57476
61092	61961	AI852593	TC205034	null	Mm.26671
37956	32094	AI852622	TC201943	ets-related protein	Mm.4866
0	0	AI852054	null	null	Mm.7156
43181	29684	AI852093	TC189618	null	Mm.38743
32053	26900	AI852130	TC177284	null	Mm.30560
29731	19806	AI852167	null	null	null

93283	91452	AI852063	TC188740	null	Mm.41125
18462	14149	AI852101	TC189720	null	Mm.30186
41781	40336	AI852137	TC201740	tyrosylprotein sulfotransferas	Mm.16084
14489	16220	AI852177	null	null	Mm.40547
17850	13777	AI853181	TC188450	p18 protein	Mm.38334
0	0	AI853222	TC163263	null	Mm.21688
50903	43380	AI852669	TC157908	null	Mm.40661
13418	9771	AI852703	TC175938	null	Mm.40933
0	0	AI853191	TC202671	null	Mm.35159
0	0	AI853230	TC181791	null	null
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13295	30680	AI852710	TC201195	arylhydrocarbon receptor	Mm.4452
19311	19182	AI854023	TC162617	small GTP-binding protein S10	Mm.2015
69034	58161	AI854047	TC160510	Mad-related protein Smad7B	Mm.34407
15010	8193	AI854076	null	null	null
67234	81468	AI853012	TC200635	cystatin B	Mm.6095
89326	87495	AI854029	TC187147	p53 apoptosis-associated targe	Mm.28209
44552	40213	AI854055	null	null	null
0	0	AI852986	null	null	Mm.39668
23134	21058	AI853020	TC201493	NDPP-1 protein	Mm.4941
11044	11012	AI854251	TC203353	null	Mm.18965
22442	16019	AI854278	null	null	Mm.41479
32767	29290	AI854304	TC176921	null	Mm.36543
163237	189738	AI850855	TC162503	proline dehydrogenase; PRODH	null
35043	21036	AI854257	TC173972	null	Mm.7328
52614	36694	AI854284	TC191218	myelin transcription factor 1	Mm.20988
304664	162389	AI854310	TC203005	null	Mm.19956
60170	59894	AI850863	TC173963	thymopoietin beta	Mm.33852
13458	5441	AI853417	null	null	null
279896	166252	AI853446	TC160342	null	Mm.21669
72239	60564	AI853474	TC162963	null	Mm.7852
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21873	18088	AI853423	TC205886	null	Mm.40659
44728	38176	AI853452	TC183426	null	Mm.44514
7634	10023	AI854163	TC203929	null	null
95519	69059	AI854191	null	null	Mm.39946
37326	28650	AI853046	TC191946	null	null
76572	84132	AI852336	null	null	Mm.24
0	0	AI852369	null	null	null
42014	41301	AI852431	TC160627	mesenchyme fork head-1 protein	Mm.14092
94663	93815	AI853052	TC200701	null	Mm.944
20399	19310	AI852342	TC162700	wizS	Mm.20878
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74989	47374	AI852438	TC186652	null	Mm.30000
39316	36911	AI850891	TC204690	null	Mm.39976
541892	406952	AI851486	TC177593	null	Mm.34466
98818	61678	AI851496	TC204259	null	Mm.32822
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38115	20974	AI853912	TC177726	null	Mm.37957

0	0	AI851511	TC173722	null	Mm.27582
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35670	28975	AI854756	null	null	Mm.39451
51314	49055	AI854783	TC201004	null	null
50309	26463	AI854218	null	null	Mm.68899
68687	70226	AI854245	TC200223	null	Mm.27039
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8502	5366	AI854792	null	null	Mm.39690
26331	22270	AI854024	TC203211	null	Mm.10277
0	0	AI854049	TC203730	null	Mm.41407
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6974	5517	AI852987	TC178205	null	Mm.41210
13017	8605	AI853021	TC201791	null	Mm.41877
46353	40041	AI854252	null	null	null
19652	9745	AI854279	TC174453	null	null
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29340	29683	AI850856	null	null	Mm.39221
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24826	13045	AI850864	TC178058	null	Mm.40280
38318	26459	AI853418	null	null	null
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137631	154974	AI853475	TC174282	null	Mm.21761
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0	0	AI853424	TC192659	null	Mm.57475
67490	61785	AI853453	TC174360	null	Mm.33880
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22830	27624	AI854192	TC161277	protein tyrosine phosphatase P	Mm.4220
31465	28459	AI853047	TC202715	HES-5	Mm.4943
0	0	AI852337	null	null	null
57071	41461	AI852370	TC203521	null	Mm.32787
207404	223579	AI852433	TC200733	null	Mm.21639
245551	194002	AI853053	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
46680	37266	AI852343	TC166671	null	Mm.14430
108392	115345	AI852376	TC187976	null	Mm.30052
107879	106598	AI852439	TC162122	null	Mm.28878
54786	40978	AI850892	TC210725	null	null
114637	86851	AI851487	TC202271	null	Mm.33824
0	0	AI851497	TC203407	null	Mm.29417
29250	18925	AI853934	TC179676	null	Mm.40577
0	0	AI850899	TC177443	homeodomain protein	Mm.4701
64098	58005	AI853894	TC202413	null	Mm.41533
39338	21502	AI853913	TC177277	null	Mm.41108
0	0	AI853935	TC206109	null	null
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166497	159593	AI854240	TC187417	Ste-20 related kinase SPAK	Mm.29404



39660	38936	AI854757	TC175570	null	Mm.29532
39303	28529	AI854785	null	null	Mm.35835
0	0	AI854219	TC204272	null	null
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23268	23136	AI854764	null	null	null
72902	49729	AI854794	TC176348	null	Mm.29389
62385	40704	AI854025	null	null	null
27641	22240	AI854050	TC163248	null	Mm.23002
26850	17366	AI852982	TC189365	TRAFamn	Mm.27431
33535	27575	AI853016	TC186590	null	Mm.19802
16603	14354	AI854031	null	null	null
16306	13580	AI854057	null	null	Mm.39681
37446	34493	AI852988	TC189234	null	Mm.39485
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41139	45079	AI854253	TC201511	null	null
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231978	248437	AI854306	TC167799	null	Mm.40753
86255	93663	AI850859	TC187631	null	Mm.44209
92559	86405	AI854259	TC187704	null	Mm.38367
104293	86731	AI854286	TC176169	semaphorin Y	Mm.23662
239815	157433	AI854312	TC190005	null	Mm.34492
66124	59717	AI850865	TC161225	null	Mm.29274
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21060	17947	AI853448	TC173580	null	Mm.1920
154597	208457	AI853476	TC160948	null	Mm.28975
195075	121038	AI854186	null	null	Mm.16773
85529	72897	AI853427	TC169266	null	Mm.39675
180173	112206	AI853454	TC189231	bridging integrator-3	Mm.24186
10675	7283	AI854165	TC177645	null	Mm.40598
51267	40848	AI854193	TC179963	null	null
349486	308843	AI853048	TC205681	null	Mm.1024
602038	282890	AI852338	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
16743	17343	AI852371	null	null	Mm.39912
61860	46132	AI852434	TC207027	null	Mm.39599
162526	140003	AI853054	TC157330	arginine-tRNA-protein transfer	Mm.21907
244226	211085	AI852344	null	null	null
308276	253485	AI852377	TC157688	HN1	Mm.1775
188545	165130	AI852440	null	null	Mm.39658
128479	151681	AI850893	TC174597	null	Mm.29105
14951	10529	AI853890	TC176507	Cu <sup>++</sup> -transporting P-type ATPase	Mm.14926
47720	46007	AI851498	TC204159	null	Mm.41771
63304	60902	AI851507	TC173828	U1 snRNP-specific protein C	Mm.2265
52587	40161	AI850900	TC200658	chromaffin granule ATPase II h	Mm.40626
179035	197355	AI851490	TC161659	null	Mm.25640
65389	67492	AI853914	TC158529	null	Mm.41412
24034	18294	AI853936	null	null	null
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246678	312872	AI854758	TC200023	ribosomal protein L27	Mm.28985
101408	67468	AI854787	null	null	null
83615	56140	AI854220	TC206401	null	Mm.40245

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169321	117468	AI854765	TC187927	null	Mm.41617
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111386	73828	AI853026	TC203762	null	Mm.33367
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106343	94771	AI854187	TC200208	keratinocyte growth factor rec	Mm.16340
79123	57459	AI853428	TC168188	null	Mm.39931
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117555	79731	AI854166	TC174243	nuclear body associated kinase	Mm.20934
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39624	41317	AI853049	TC175160	null	Mm.44143
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165470	133152	AI853915	TC163521	GTP binding protein beta subun	Mm.9336
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247790	181262	AI854222	TC158885	ornithine decarboxylase antizy	Mm.683
76332	58685	AI854248	TC192199	null	Mm.32074
21477	15866	AI854766	null	null	null
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128255	139751	AI850861	TC190065	multiple exostoses-like 1 prot	Mm.30978
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86922	64863	AI854289	TC160672	null	Mm.28618
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28073	22641	AI851500	TC158803	null	Mm.1129
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90201	61432	AI850988	TC190239	neural recognition molecule NB	Mm.40898
32234	24168	AI854216	null	null	Mm.39266
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102309	103050	AI853451	TC162117	cAMP-dependent protein kinase	Mm.19111
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52735	41234	AI853051	TC176952	putative twelve transmembrane	Mm.28529
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0	0	AI853061	TC174971	null	Mm.29087
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33958	29376	AI853893	TC163004	null	Mm.40990
30982	19387	AI853911	null	null	null
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44714	32736	AI853881	TC173589	null	Mm.26598
31257	32536	AI853899	TC174716	null	Mm.29491
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26366	28219	AI850989	null	null	null
229533	177371	AI854217	null	null	Mm.37214
141021	153868	AI854244	TC178322	null	null
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89067	133567	AI854799	TC159723	acidic ribosomal phosphoprotei	Mm.14843
48716	43435	AI850981	TC164305	null	Mm.31786
94551	72293	AI854599	TC173391	polyhomeotic 2	Mm.14198
91700	60148	AI854625	TC187621	null	Mm.22238
14102	7190	AI854654	TC165549	null	Mm.40349
70850	58228	AI854579	TC175161	null	Mm.28625
277277	136903	AI854605	TC162096	cytochrome P450 monooxygenase	Mm.12838

62881	51977	AI854631	TC170094	G protein-coupled receptor	Mm.4721
36877	31469	AI851236	TC192047	Potassium channel protein	Mm.39092
0	0	AA410048	TC204131	null	Mm.1911
0	0	AA407057	TC160216	Sid394p	Mm.21507
30295	30187	AA407197	TC200191	mCASP	Mm.34465
19931	12392	AA407782	null	null	null
36424	41168	AA410074	TC158296	null	Mm.16820
13266	16021	AA407149	TC191579	null	Mm.16972
18738	18672	AA407173	TC174870	CDC45L	Mm.1248
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914154	1053030	AI851260	TC158183	ribosomal protein L41	Mm.13859
129231	90042	AI851291	TC201128	Iroquois homeobox protein 2	Mm.28888
216124	159375	AI851081	TC202813	null	Mm.28891
152438	128822	AI851146	null	null	null
47696	36781	AI851268	TC188281	cAMP inducible 1 protein	Mm.27387
374227	189869	AI851298	TC163703	null	Mm.33421
45249	38949	AI851092	TC175384	null	Mm.34955
61012	48283	AI851154	TC162784	null	Mm.40664
0	0	AA407982	TC161738	connexin 31	Mm.90003
110223	103609	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
14438	13863	AA408251	TC199641	null	Mm.3686
15990	30039	AA408365	TC175102	ARL-6 interacting protein-4	Mm.29430
0	0	AA408494	TC159009	tropomodulin 3	Mm.38445
20720	10452	AI850982	TC177156	putative N-acetyltransferase C	null
91999	77559	AI854600	TC166356	hyperpolarization-activated ca	Mm.12901
31450	34951	AI854626	TC159824	Ulip	Mm.36903
14230	11583	AI854656	TC205051	null	Mm.32551
0	0	AI854581	TC202527	null	Mm.1511
28741	21966	AI854607	TC187660	null	Mm.41574
113018	87340	AI854632	TC186587	unnamed protein product	Mm.3765
70202	90826	AI851237	TC157805	null	Mm.41800
9538	3694	AA410087	TC162302	null	Mm.27667
105646	53708	AA407103	TC200849	null	Mm.27354
55197	47758	AA407221	TC176042	null	Mm.3158
146672	127335	AA407751	TC200720	null	Mm.29965
7901	8183	AA410078	TC197826	null	Mm.3657
39056	27977	AA407151	TC206347	null	Mm.24481
27775	27114	AA407175	null	null	null
13971	14958	AA407796	TC202564	null	Mm.27738
140679	117228	AI851261	TC177713	null	Mm.35735
194035	139586	AI851292	TC160503	extendin	Mm.4540
93303	55359	AI851082	TC191738	phosphatidylinositol 3-kinase	Mm.40613
36944	23142	AI851147	TC176882	null	Mm.25028
0	0	AI851270	TC174815	ribosomal protein S6 kinase	Mm.29910
90140	75935	AI851299	TC175553	null	Mm.39645
73538	62915	AI851093	TC161742	null	Mm.24642
67687	69060	AI851155	TC203301	null	Mm.41435
0	0	AA407971	TC200841	null	Mm.29497

134801	111733	AA408208	TC189085	null	Mm.12055
0	0	AA408329	null	null	Mm.8046
0	0	AA408293	TC160880	apoptosis-inducible	Mm.1605
0	0	AA407867	TC168310	null	Mm.100532
53278	35456	AA408254	TC172795	null	Mm.13144
9039	5031	AA408369	TC176053	hypothetical protein	Mm.2735
0	0	AA408498	TC190490	4-1BB protein precursor	Mm.22552
30936	24621	AI850983	TC201133	null	Mm.27692
32551	24986	AI854601	TC204645	null	Mm.38009
29391	24403	AI854627	TC191751	null	Mm.41231
131480	93754	AI854657	TC166514	null	null
20855	24044	AI854582	TC193695	null	Mm.68515
221027	135073	AI854608	TC162741	mLGP85/LIMP II	Mm.7176
66010	51060	AI854633	TC201104	E3 protein	Mm.4554
41577	34569	AI851238	TC176636	null	Mm.29001
0	0	AA410090	TC160101	Lectin (AA 1 - 135)	Mm.43831
0	0	AA407106	TC176127	DNA cytosine-5 methyltransfera	Mm.89772
17656	10934	AA407223	TC186401	null	Mm.100245
0	0	AA407752	TC160021	null	null
839307	459512	AA410080	null	null	null
85101	93741	AA410062	TC161159	null	Mm.29452
35660	41429	AA407246	TC174343	e(y)2 homolog	Mm.46013
296361	252495	AA407260	TC160004	null	Mm.30120
330690	328110	AI851262	null	null	null
42942	26512	AI851293	TC203516	null	Mm.32036
56836	47724	AI851083	TC190730	null	Mm.22898
91903	61917	AI851148	TC189636	null	null
172874	145854	AI851271	TC177205	null	Mm.32098
79826	57010	AI851302	TC163179	null	Mm.41483
220321	185633	AI851094	TC204397	null	Mm.41077
43977	37790	AI851156	TC158561	zinc finger type transcription	Mm.6666
42989	32257	AA408014	TC186401	null	null
63108	59450	AA408213	null	null	null
9802	7278	AA408341	TC204384	group V phospholipase A2	Mm.24487
0	0	AA408472	null	null	null
248065	142656	AA408107	TC179115	null	Mm.100531
17633	16749	AA408256	TC161620	CDK-activating kinase assembly	Mm.3688
143725	100246	AA408197	TC201460	null	Mm.8249
55402	49728	AA408501	TC178445	null	Mm.13145
0	0	AI850985	TC173883	ataxin-2	Mm.1989
30603	30515	AI854602	TC189602	null	Mm.5197
93051	71723	AI854628	TC165669	null	Mm.40666
60915	65329	AI851233	TC191871	null	Mm.38702
49511	39128	AI854583	TC160226	null	Mm.30143
68397	66795	AI854609	TC191952	null	Mm.23858
42465	21406	AI854634	null	null	Mm.40586
83814	60307	AI851240	TC202417	AIP70 protein	Mm.41415
0	0	AA410091	TC190369	null	Mm.36418
20710	10630	AA407111	null	null	null
19708	44303	AA407234	TC203034	null	Mm.22664
251548	169890	AA407785	TC187411	null	Mm.46724

85809	73779	AA407691	TC158936	ctla-2-alpha protein (AA 1-136	Mm.30144
24413	18317	AA410064	TC160678	null	null
24456	19828	AA407252	TC162811	null	Mm.22554
83184	87343	AA407087	TC187976	null	Mm.30052
191767	139561	AI851263	null	null	null
78466	51868	AI851294	TC178273	brain ryanodine receptor	Mm.3441
80127	56659	AI851084	null	null	Mm.40208
56022	52567	AI851149	null	null	Mm.40901
28480	22119	AI851272	TC201420	MAP kinase phosphatase 6; MKP6	Mm.27978
209391	150589	AI851303	TC195045	null	Mm.40904
0	0	AI851095	TC187757	null	Mm.37751
31012	26847	AI851157	TC158907	null	Mm.46783
35432	24971	AA407995	TC203298	null	null
75118	62341	AA408215	TC200906	null	Mm.28938
42080	25051	AA408348	TC200283	null	Mm.28049
0	0	AA408475	TC158238	tum- transplantation antigen P	Mm.13020
0	0	AA408137	TC188994	null	Mm.23365
22917	13048	AA408260	TC163573	null	Mm.10814
53144	32157	AA408201	TC173282	GTP-specific succinyl-CoA synt	Mm.34632
0	0	AA408506	TC160544	null	Mm.28017
38043	42733	AI854577	TC205673	null	null
95848	90216	AI854603	null	null	Mm.39688
54327	43718	AI854629	TC161099	null	Mm.38802
19291	13069	AI851234	null	null	null
0	0	AI854585	TC174178	null	Mm.29957
38752	18560	AI854610	TC187308	COP9 complex subunit 7a	Mm.1444
76652	31809	AI854635	TC185202	null	Mm.40966
158602	138517	AI851241	TC163702	null	Mm.34402
9728	9642	AA410094	TC188108	ORC4-related protein	Mm.81934
8611	9848	AA407132	TC167106	null	Mm.24479
81353	100671	AA406999	null	null	Mm.104564
0	0	AA407787	null	null	null
205662	193356	AA407699	TC160269	unknown	Mm.396
44860	39993	AA410065	TC202202	null	Mm.279
54890	39120	AA407274	null	null	null
22870	23972	AA407088	null	null	Mm.100550
57247	35527	AI851264	TC166213	null	Mm.43553
346395	279336	AI851296	TC208345	null	Mm.40903
132808	112748	AI851086	TC178447	null	null
322436	228192	AI851152	TC161251	null	Mm.28171
117577	70888	AI851273	TC177622	null	Mm.40210
65421	55291	AI851304	null	null	null
121148	118019	AI851096	TC161596	null	Mm.31420
117697	87555	AI851158	TC162181	null	Mm.28684
13647	16210	AA408001	TC201379	null	Mm.4810
394904	405541	AA408219	TC187317	transmembrane protein TM9SF3	Mm.2986
0	0	AA408360	TC186399	ribosomal protein S8	Mm.3381
0	0	AA408477	TC199655	null	Mm.24490
0	0	AA408125	TC188929	null	Mm.90043
42412	32324	AA408230	TC192356	EPCS24	Mm.3692
30632	40402	AA408413	TC186124	null	null

53919	97671	AA408509	TC158243	ribosomal protein	Mm.2235
86990	93947	AI854578	TC203244	null	Mm.38399
18180	20384	AI854604	null	null	null
0	0	AI854630	TC178287	null	Mm.4466
0	0	AI851235	TC197068	null	Mm.39422
101691	112969	AI854586	TC175110	null	null
93467	79223	AI854611	TC161267	null	Mm.19803
22425	22272	AI854636	TC186588	growth factor-induced protein	Mm.3765
316096	330025	AI851244	TC162818	null	Mm.40020
0	0	AA410107	TC160240	null	Mm.4859
31786	42749	AA407134	TC159679	inner centromere protein INCEN	Mm.29755
37643	27033	AA407168	null	null	null
22811	23713	AA407811	null	null	Mm.90029
0	0	AA410114	TC186112	null	Mm.100524
347466	199728	AA410071	null	null	Mm.34876
892537	643128	AA407293	TC187842	ARL-6 interacting protein-2	Mm.24719
124206	118001	AA407756	TC173703	null	Mm.666
479930	501088	AI851265	TC161331	chloride channel CaCC	Mm.20897
398840	407460	AI851297	TC186827	mitogen-activated protein kin	Mm.30629
225607	190791	AI851090	TC204459	null	Mm.34283
224526	262704	AI851153	TC173865	null	Mm.23998
346381	276978	AI851274	TC157310	null	Mm.34182
757465	698061	AI851305	TC187508	null	Mm.28665
58580	38201	AI851097	TC161812	null	Mm.41398
1811897	1659578	AI851159	TC174435	3.4J polypeptide	Mm.2442
0	0	AA408030	TC173091	mtprd	Mm.3679
0	0	AA408239	TC175953	null	Mm.34776
0	0	AA408362	null	null	null
0	0	AA408479	TC186401	null	null
0	0	AA408128	TC165367	null	Mm.31046
0	0	AA408275	TC161597	null	Mm.28738
46002	36075	AA408415	TC173515	null	Mm.29343
270968	340634	AA408510	null	null	Mm.4071
65363	59619	AW537951	TC200491	null	Mm.29805
22473	25898	AW538008	TC187280	null	Mm.41890
221338	172596	AW538052	TC176246	null	Mm.34617
194182	151478	AW538091	TC177106	null	Mm.28186
18794	14717	AW537964	TC157690	lipoprotein lipase precursor	Mm.1514
205348	113447	AW538019	TC174634	tartrate-resistant acid phosph	Mm.46354
41999	40328	AW538060	TC189628	null	Mm.30659
383824	344217	AW538113	TC174962	null	Mm.29713
42469	30443	AW538863	TC188466	acyl-CoA thioesterase	Mm.23368
144045	149994	AW539102	TC201218	null	Mm.21617
234435	282679	AW539228	TC191343	short Fas ligand	Mm.3355
28488	27204	AW539290	null	null	null
192645	169649	AW538967	TC200350	mDj3	Mm.29186
10384	9804	AW539113	null	null	null
9138	7259	AW539241	null	null	Mm.102586
1972476	2003384	AW539304	TC187263	null	Mm.8324
10213	11888	AW542450	TC163952	null	Mm.27416
212472	145636	AW542927	TC186811	BAP31	Mm.17



269030	294706	AW543089	TC175137	null	Mm.27902
86160	69591	AW543402	TC160883	ubiquitin-conjugating enzyme H	Mm.27541
10882	16506	AW542466	TC159962	null	Mm.33808
0	0	AW542940	TC201076	null	Mm.8686
8246	8955	AW543114	TC186894	null	Mm.103457
48170	39976	AW543415	TC188091	secretory carrier membrane pro	Mm.30226
77457	55176	AW538155	TC201179	null	Mm.28237
113095	102091	AW538201	null	null	null
618149	547484	AW538270	null	null	Mm.102550
100791	111523	AW538327	TC187143	null	Mm.21409
15361	9622	null	null	null	null
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139316	109106	AW538283	TC201961	null	Mm.21474
12743	8165	null	null	null	null
23789	18537	AW539345	TC159890	mPRL-2	Mm.6355
52937	35595	AW539393	TC201338	null	Mm.24848
41245	44700	AW539457	TC186865	null	Mm.35850
0	0	AW539518	null	null	null
460143	331364	AW539360	TC187548	null	Mm.34184
0	0	AW539413	TC203351	null	Mm.54120
54918	44368	AW539475	TC162824	null	Mm.18298
118374	117999	AW539534	TC162447	null	Mm.14580
187107	296686	AW543477	TC173530	hypoxia-inducible factor one a	Mm.3879
331257	250683	AW543623	TC161347	null	Mm.20277
155811	191569	AW543694	TC175175	null	Mm.27454
17383	8512	AW543761	TC187011	null	Mm.28348
68790	62289	AW543493	TC175334	null	Mm.28507
20819	84237	AW543640	TC186498	F52	Mm.2769
25115	34806	AW543707	TC187966	unnamed protein product	Mm.29061
39061	40091	AW543780	TC202463	null	Mm.35797
14769	14546	AW537952	TC161005	null	Mm.29484
130890	120697	AW538009	TC200410	protein phosphatase type 2A ca	Mm.11711
476383	286128	AW538055	TC160020	preadipocyte growth factor / g	Mm.426
485333	459142	AW538093	null	null	null
15374	16391	AW537966	TC174936	null	Mm.23298
79678	54733	AW538025	TC160750	null	Mm.42826
7938	24017	AW538062	TC159764	null	Mm.29959
196388	185404	AW538114	TC157824	histidyl-tRNA synthetase	Mm.10528
216209	180301	AW538866	null	null	null
39970	41193	AW539103	TC186735	protein Htf9C	Mm.5128
12716	9877	null	null	null	null
2066328	1453877	AW539293	TC191556	null	Mm.102611
0	0	AW538969	null	null	Mm.102570
367732	281570	AW539114	null	null	null
90539	80244	AW539306	TC188864	null	Mm.27518
14720	8010	AW542453	null	null	null
251045	338357	AW542928	TC173194	null	Mm.29815
197344	183928	AW543092	TC204446	null	Mm.31082
348637	288650	AW543404	TC161342	RNA binding protein	Mm.12931
609590	633544	AW542467	null	null	null
46462	38723	AW542943	TC163452	prolactin-like protein L	Mm.83051

282317	275120	AW543115	TC173674	null	Mm.28161
58242	116853	AW543423	TC160694	Glut-1	Mm.21002
131336	71895	AW538156	TC158348	null	Mm.28466
77988	87683	AW538202	TC173803	PKCq-interacting protein PICOT	Mm.29675
518312	405675	AW538271	TC174224	ClpP protease	Mm.15243
81308	78209	AW538329	TC159135	null	Mm.21569
11241	6724	AW538175	TC174393	serine/threonine kinase	Mm.4674
48335	41486	AW538215	null	null	Mm.32222
282739	278042	AW538284	TC173826	calpactin I light chain	Mm.1
34352	30348	AW538342	TC161500	null	Mm.21064
1619124	1169680	AW539347	TC205442	null	Mm.103314
79129	66483	AW539394	TC200330	null	Mm.23929
82723	117681	AW539460	TC175936	null	Mm.45132
385801	273831	AW539519	TC201560	null	Mm.30777
0	0	AW539361	null	null	null
56889	43798	AW539416	TC159161	null	Mm.24352
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76712	76784	AW543485	TC158900	beta proteasome subunit	Mm.368
13992	7881	AW543626	null	null	null
155270	131955	AW543697	TC159639	histone stem-loop binding prot	Mm.4172
96290	72008	AW543763	TC187023	unnamed protein product	Mm.41730
800685	560320	AW543494	null	null	null
232805	183253	AW543642	null	null	null
133481	98093	AW543709	TC173873	null	Mm.28675
0	0	AW543782	TC202442	null	Mm.34991
15589	13399	AW537953	TC202771	metalloprotease-disintegrin me	Mm.23840
143853	165795	AW538011	TC174356	null	Mm.26537
134448	100420	AW538056	TC187840	tex261	Mm.848
231171	241112	AW538097	TC187080	nuclear pore-targeting complex	Mm.16710
195932	136275	AW537968	TC200290	SET	Mm.28805
138880	36693	AW538026	TC174511	null	Mm.22240
163612	46387	AW538064	TC161286	null	Mm.35491
56839	60826	AW538116	TC188085	null	Mm.36766
103140	89530	AW538869	TC187136	null	Mm.25293
127724	130179	AW539104	TC160303	null	Mm.30849
82198	51833	AW539231	TC188583	null	Mm.41715
12035	9561	AW539296	null	null	Mm.102587
42081	32471	AW538970	TC190830	null	Mm.41372
0	0	null	null	null	null
2169520	1579521	AW539244	TC192220	null	Mm.17586
0	0	AW539310	TC201267	small nuclear RNA	Mm.4633
35028	26128	AW542455	TC188425	null	Mm.29096
74056	84908	AW542930	TC189636	null	Mm.24809
62284	82290	AW543108	TC159731	phosphatidylethanolamine bindi	Mm.16784
14572	19002	AW543409	TC162633	EPCS26	Mm.27525
120845	98902	AW542880	TC186600	null	Mm.29949
77137	69023	AW542944	null	null	Mm.29540
20330	15777	AW543119	TC190495	null	Mm.86998
506984	491315	AW543424	null	null	null
8707	6678	AW538159	TC162179	interleukin 17 receptor	Mm.4481

18407	28715	AW538203	TC187967	RNA binding protein TIA-1	Mm.2291
127727	117210	AW538274	TC173724	null	Mm.21981
230237	258051	AW538330	TC159602	proteasome Z subunit precursor	Mm.2246
22477	14001	AW538176	TC158998	RHOB	Mm.687
637838	710213	AW538216	null	null	Mm.102548
380845	438298	AW538286	TC173644	null	Mm.44219
23574	41086	AW538344	TC158554	null	Mm.45418
148583	125603	AW539348	TC187040	null	Mm.26625
51913	44542	AW539395	TC186411	capping protein alpha 1 subuni	Mm.19142
9705	14157	AW539462	TC174577	null	Mm.28855
92150	94253	AW539521	TC200811	putative lysophosphatidic acid	Mm.671
0	0	AW539362	TC188861	null	Mm.103397
119428	135418	AW539418	TC200227	null	Mm.30195
0	0	AW539482	null	null	Mm.102595
0	0	null	null	null	null
24022	24983	AW543486	TC157780	null	Mm.25265
26003	24449	null	null	null	null
68911	89422	AW543698	TC175664	null	Mm.100761
77579	47580	AW543764	TC202197	null	Mm.38272
72574	56005	AW543496	TC174493	null	Mm.41513
307134	281690	AW543644	null	null	null
20133	16056	AW543712	TC161585	null	Mm.29088
117245	103295	AW543784	TC175599	null	Mm.35693
53046	44689	AW537955	null	null	null
45857	38605	AW538013	TC174759	null	Mm.29070
349956	242579	AW538057	TC175630	null	Mm.24477
479486	471328	AW538098	null	null	null
1717987	906541	AW537971	TC160166	null	Mm.24837
40544	49764	AW538028	TC188360	placental PRL-like protein A	Mm.18607
823517	284972	AW538067	TC186933	creatine kinase (28AA)	Mm.16831
1580574	1275947	AW538119	null	null	null
108563	116981	AW538871	TC201036	vasodilator-stimulated phospho	Mm.9684
861479	649405	AW539107	TC163347	estrogen related receptor alph	Mm.2563
34040	28573	AW539232	null	null	null
163946	141853	AW539298	TC157633	Seryl-RS	Mm.28688
95829	77212	AW538973	TC162722	null	Mm.24627
35132	28324	AW539115	TC196908	null	Mm.102574
176065	158945	AW539245	TC199956	malate dehydrogenase	Mm.21743
326586	299963	AW539314	TC190912	null	Mm.55181
37553	43693	AW542456	TC174575	lamin B	Mm.4846
185747	161990	AW542931	TC201596	null	Mm.17523
130835	151525	AW543112	TC179451	null	null
39266	36667	AW543410	TC188977	null	Mm.24592
46294	31576	AW542885	TC173908	phosphomannomutase Sec53p homo	Mm.18939
308955	338460	AW542945	TC190029	null	Mm.40983
0	0	AW543121	TC157893	null	null
157228	116584	AW543439	TC200126	p59 immunophilin	Mm.12758
14852	13661	AW538163	null	null	null
24911	27521	AW538204	TC159679	inner centromere protein INCEN	Mm.16317
357457	457002	AW538275	TC163331	tubby	Mm.12887
60898	35461	AW538332	TC174384	GATA-2 protein	Mm.1391

25637	29054	AW538177	TC158206	p160 myb-binding protein	Mm.6805
200657	185609	AW538218	TC201311	geranylgeranyl transferase bet	Mm.29211
334710	276503	AW538289	null	null	null
112708	103838	AW538346	TC160364	Bc10	Mm.34330
33708	23525	AW539350	TC160564	null	Mm.22722
0	0	AW539406	null	null	Mm.101798
61719	45240	AW539467	TC186862	centrosomin B	Mm.2238
69365	55337	AW539524	TC186704	null	Mm.34411
263570	249307	AW539363	TC175805	GARP45	Mm.20450
157606	118675	null	null	null	null
145666	179794	AW539487	TC157597	poly(A) binding protein	Mm.2642
171187	79090	AW539541	TC158441	bisphosphate 3'-nucleotidase	Mm.18096
28884	33631	AW543487	TC175454	null	Mm.25162
70889	55196	AW543633	null	null	null
369877	331123	AW543703	TC200236	null	Mm.24086
253575	224494	AW543765	null	null	null
934745	815386	AW543498	null	null	null
531940	395909	AW543654	null	null	null
86130	54288	AW543719	TC175371	null	Mm.28954
25501	22437	null	null	null	null
36674	24905	AW537957	null	null	null
110343	84159	AW538016	TC187508	null	Mm.28665
46226	59718	AW538058	TC200839	adrenomedullin precursor	Mm.1408
32573	32154	AW538102	TC162244	null	Mm.21798
18107	9801	AW537973	TC157848	hypothetical protein	Mm.104205
14990	14736	AW538031	null	null	null
30029	16696	AW538068	TC160931	null	Mm.28347
22244	22682	null	null	null	null
492982	439642	AW538874	null	null	null
0	0	AW539111	null	null	Mm.87156
38101	33537	null	null	null	null
0	0	AW539301	TC160793	65-kDa macrophage protein	Mm.22510
29844	26932	AW538974	TC186879	null	Mm.102571
33116	32832	AW539120	TC160877	null	Mm.28225
63919	76962	AW539248	TC157814	lysosomal sialidase	Mm.8856
536167	443187	AW539315	null	null	null
52738	66509	AW542460	TC160790	EGF repeat transmembrane prote	Mm.4173
113784	107059	AW542932	TC200434	null	Mm.23693
16507	11916	null	null	null	null
133240	119876	AW543412	TC200688	proteasome subunit C7-I	Mm.22233
0	0	null	null	null	null
70911	59527	AW542950	TC186845	null	Mm.30547
345491	286321	AW543371	TC160926	carboxyl terminal LIM domain p	Mm.5567
78922	58187	AW543440	TC187678	null	Mm.29534
99058	101185	AW538165	TC200375	GTP-binding protein	Mm.6698
43568	32381	AW538211	null	null	null
296685	580568	AW538278	TC187111	pantophysin gene	Mm.25699
114181	132711	AW538336	TC187436	small zinc finger-like protein	Mm.30034
97460	91461	AW538179	null	null	null
295172	292624	AW538220	null	null	null
218235	198511	AW538291	TC161801	core promoter binding protein	Mm.33892

101184	115666	AW538347	TC202822	null	Mm.24102
132826	96968	null	null	null	null
18831	14059	AW539408	TC201049	cp27	Mm.21310
79413	38202	AW539471	TC160725	null	Mm.24356
35863	60259	AW539528	TC200331	null	Mm.29541
375330	329674	AW539364	TC166431	null	Mm.102590
60506	52392	AW539426	TC190291	null	Mm.36757
262629	391431	AW539487	TC157597	poly(A) binding protein	Mm.2642
316758	226404	AW539542	TC200933	null	Mm.41596
91849	95532	AW543488	TC158362	null	Mm.94154
128888	186750	AW543636	TC187422	annexin V	Mm.1620
162354	160959	AW543704	TC160684	cdc37 homolog	Mm.4117
57805	76924	AW543773	null	null	Mm.22691
150227	194302	AW543510	TC175121	null	Mm.38528
59055	52891	AW543661	TC188531	null	Mm.41054
788168	1124570	AW543721	TC159642	ribosomal protein	Mm.42790
0	0	AW543789	TC176831	connexin 31.1	Mm.26859
169787	133825	AW537963	TC211306	null	Mm.102538
461333	324998	AW538017	null	null	Mm.4591
67347	45902	AW538058	TC200839	adrenomedullin precursor	Mm.1408
367771	1075681	AW538107	TC200391	endo B cytokeratin	Mm.22479
35230	14741	AW537978	TC164794	null	Mm.103497
22654	25672	AW538032	TC161098	null	Mm.41678
66605	72314	AW538069	TC184108	null	Mm.102543
85391	78841	AW538121	TC201778	null	Mm.32150
569239	321443	AW538875	null	null	Mm.28897
327281	328739	AW539112	null	null	null
276331	240448	AW539236	TC174366	mitochondrial inner membrane t	Mm.2368
2857438	2624192	AW539303	null	null	null
41034	32237	AW538975	TC176490	null	Mm.36726
22714	19222	null	null	null	null
723898	968633	AW539318	TC173740	proliferin, short variant	Mm.22777
48219	59568	AW542464	TC188374	treacle	Mm.2215
202317	143059	AW542939	TC161702	null	Mm.2325
45133	31316	AW543113	TC204577	TNF receptor associated factor	Mm.12898
117678	125385	AW543413	TC187589	null	Mm.30265
63179	60403	AW542890	TC203260	null	Mm.39995
128179	201737	AW542951	TC175144	Ets transcription factor	Mm.3963
90809	61928	AW543375	TC192762	null	Mm.102715
28021	35422	AW543444	null	null	null
131978	90674	AW538171	TC188364	null	Mm.2252
54463	37835	null	null	null	null
43235	35224	null	null	null	null
164208	197259	AW538340	TC161182	Pinin	Mm.22347
0	0	AW538181	TC202422	null	Mm.46006
0	0	AW538221	TC158537	adenylosuccinate lyase	Mm.38151
670293	1056329	AW538293	TC189271	null	Mm.36693
16359	17824	AW538348	TC201791	null	Mm.41877
0	0	AW539358	TC157727	kinesin heavy chain	Mm.3380
37091	37767	AW539410	TC159908	null	Mm.4603
30091	34854	AW539474	TC160830	null	Mm.28101

197645	198369	AW539529	TC200864	null	Mm.41116
41725	24925	AW539365	TC188472	null	Mm.29563
67777	74042	null	null	null	null
0	0	AW539489	TC191237	null	Mm.38417
56494	53321	AW539543	TC188649	null	Mm.21128
42650	43987	AW543491	TC187021	null	Mm.4471
36736	30844	AW543639	null	null	null
139312	169060	AW543705	TC157880	null	Mm.2152
287321	435462	AW543776	TC158243	ribosomal protein	Mm.2235
41720	48991	AW543511	TC189950	null	Mm.28221
53025	80498	AW543662	TC188535	Pontin52	Mm.42195
203667	311505	AW543722	TC161157	null	Mm.27526
46853	45493	AW543790	TC187514	null	Mm.29356
884456	899025	AW544444	TC186467	insulinoma protein (rig)	Mm.643
26928	23946	AW544529	TC175110	null	Mm.73598
19489	16350	AW544599	TC191269	null	Mm.23125
18028	13789	null	null	null	null
200049	176073	AW544455	TC173507	null	Mm.28438
64621	102954	AW544543	TC159527	macrophage migration inhibitor	Mm.2326
42963	42173	AW544622	TC189797	null	Mm.103518
0	0	AW544696	TC192652	null	Mm.29238
231813	191786	AW545788	TC175337	null	Mm.28401
157158	125187	AW536151	TC159545	heat shock protein 65	Mm.1777
363638	439652	AW536095	TC159479	SCF complex protein Skp1	Mm.42944
401834	309789	AW536140	TC158172	heat shock-like protein	Mm.1843
128911	59642	AW545809	TC160325	CD98 heavy chain	Mm.4114
132878	160819	AW536067	TC173303	1-Cys peroxiredoxin	Mm.6587
46595	52758	AW536107	TC203087	null	Mm.90444
37130	53943	AW536154	TC161651	CTP synthetase	Mm.1815
121989	132298	AW536731	TC186841	null	Mm.24703
40186	62822	AW536773	TC160504	null	Mm.28203
405701	505007	AW536811	TC186454	histone H2A.Z	Mm.916
33799	32941	AW536847	TC160936	snRNP core Sm protein homolog	Mm.7312
921834	1004930	AW536743	TC173252	translation repressor NAT1	Mm.525
7126	10886	null	null	null	null
825847	669711	AW536817	TC159831	null	Mm.90587
140620	154635	AW536856	TC186927	null	Mm.29076
324815	287146	AW544741	null	null	Mm.102759
433375	325006	AW544809	null	null	null
111950	43013	AW544862	TC187488	heat shock protein 105 kDa bet	Mm.34828
0	0	AW544924	TC173667	null	Mm.24789
394326	289119	AW544762	TC173366	null	Mm.22626
38149	53735	AW544822	TC202633	Thing1	Mm.4746
34496	30478	AW544871	null	null	Mm.102766
226929	230765	AW544944	TC184093	null	Mm.102770
0	0	AW536164	TC186892	null	Mm.29369
114248	105021	AW536192	TC187215	similar to human Sua1	Mm.29698
632338	544890	AW536223	TC202704	null	Mm.12187
114834	116716	AW536273	TC157715	mCDC46 protein	Mm.5048
122348	158544	AW536176	TC159079	null	Mm.89830
56426	48572	AW536198	TC173626	beta-N-acetylhexosaminidase	Mm.2284

296590	238142	AW536240	TC201137	null	Mm.21911
27415	47057	AW536278	TC175865	L-myc protein	Mm.1055
22438	19868	AW536898	TC160259	ATRX protein	Mm.10141
252275	240768	AW536943	TC202296	null	Mm.23982
52489	45241	AW536984	TC160611	null	Mm.29028
190129	189823	null	null	null	null
128382	168570	AW536904	null	null	Mm.5246
31482	42634	AW536960	TC160665	glypican-3	Mm.22515
138073	166392	AW537002	TC204115	null	Mm.82341
480192	140195	AW537044	TC202547	null	Mm.28994
263551	201833	AW544446	TC175161	null	Mm.28625
333682	442706	AW544531	null	null	null
261402	248041	AW544601	TC202343	disrupter of silencing SAS10	Mm.21181
46072	49157	AW544678	TC204871	null	Mm.102756
370927	430559	AW544468	TC160204	actin-related protein complex	Mm.30010
1085578	980522	AW544549	TC188532	null	Mm.86454
1379462	1144120	AW544628	TC186702	pre-integrin (AA -20 to 778)	Mm.4712
57009	50762	AW544699	TC188553	null	Mm.44223
263097	301767	AW545789	null	null	Mm.10508
35969	34913	AW536060	TC158347	nedd-1 protein	Mm.2998
85235	109196	AW536098	TC173815	null	Mm.4024
224819	294495	AW536141	TC160893	proteolipid protein 2	Mm.18565
18207	15806	AW545810	TC176104	p53BP2	Mm.35734
34054	50929	AW536068	TC187387	ribonucleotide reductase subun	Mm.656
27403	32909	AW536111	TC188439	null	Mm.34109
515856	536342	AW536155	TC199936	p68 RNA helicase	Mm.19101
246159	215818	AW536733	TC176637	null	Mm.33115
133521	165838	AW536776	TC160569	nucleolar RNA helicase II/Gu	Mm.25264
369597	454857	AW536811	TC186454	histone H2A.Z	Mm.916
533621	429217	AW536848	TC175827	null	Mm.40777
26316	27170	AW536744	TC202832	null	Mm.23711
20801	14739	AW536788	TC188309	null	Mm.37617
1163718	942735	AW536817	TC159831	null	Mm.90587
107217	164727	AW536858	TC174861	null	Mm.12187
110995	52288	AW544751	TC161293	nucleoside diphosphatase (ER-U	Mm.10211
273723	446509	AW544811	TC157228	Metallothionein-I	Mm.2041
117893	111785	AW544864	TC173795	null	Mm.24855
54241	53497	AW544927	TC202205	null	Mm.9550
707831	518247	AW544765	null	null	Mm.102762
152635	85470	AW544829	TC161030	null	Mm.28664
96925	89442	AW544872	TC158373	null	Mm.35837
1335617	951888	AW544945	null	null	Mm.102771
35744	26194	AW536165	TC201320	DNA polymerase gamma	Mm.3616
90118	70700	AW536193	TC175997	null	Mm.52786
38927	41724	AW536229	TC187371	null	Mm.28227
73406	80689	AW536274	TC158940	Sid6061p	Mm.25198
26977	31713	AW536200	TC186900	HS1-associating protein	Mm.7401
32059	23130	AW536241	TC173900	direct IAP binding protein wit	Mm.46716
0	0	AW536281	null	null	null
55643	60839	AW536901	TC187423	null	Mm.24625
1068771	887027	AW536944	null	null	null

1116746	545109	AW536987	TC202274	syntrophin-1	Mm.1541
2528622	2135275	AW537032	TC175869	nuclear protein ZAP	Mm.46674
58587	61011	AW536905	TC173967	thymopoietin alpha	Mm.27314
25077	26345	AW536961	TC159120	ep	Mm.89325
61809	60810	AW537005	TC160435	aortic carboxypeptidase-like p	Mm.35788
236606	365443	AW537045	TC200501	initiation factor 2-associated	Mm.19170
244992	196844	AW544447	TC201938	This gene includes jumping tra	Mm.13912
71034	74958	AW544533	TC200812	cytosolic thymidine kinase	Mm.2661
47817	46302	AW544610	TC157288	null	Mm.37611
1237849	1062118	AW544679	null	null	null
13099	4077	AW544469	TC163273	null	Mm.87500
0	0	AW544550	null	null	null
37342	22768	null	null	null	null
202619	98462	AW544700	TC162467	null	Mm.90390
80760	73620	AW545797	TC201952	null	Mm.22478
87426	83277	AW536062	TC176466	null	Mm.28478
47954	63807	AW536101	TC174867	phosphorylated adaptor for RNA	Mm.21244
210307	258034	AW536142	TC159888	null	Mm.21848
0	0	null	null	null	null
152801	74583	AW536069	TC187730	null	Mm.29735
91162	143031	AW536112	TC173712	modifier 2	Mm.28148
595763	630648	AW536155	TC199936	p68 RNA helicase	Mm.19101
950629	1111023	AW536734	TC186580	null	Mm.5612
152125	132312	AW536779	TC201009	COP9 complex subunit 3	Mm.40
2039193	1137283	AW536813	TC202978	null	Mm.29123
70665	95572	AW536849	TC200584	cyclin B1	Mm.22569
51779	58988	AW536746	TC160955	null	Mm.66254
77508	66691	AW536789	TC190256	null	Mm.103531
975040	779429	AW536817	TC159831	null	Mm.90587
1640497	1332054	AW536861	TC160556	null	Mm.18810
381622	378853	AW544755	null	null	null
54045	63342	AW544813	TC158427	null	Mm.28488
26921	28804	AW544865	TC158523	null	Mm.34311
51415	46340	AW544929	TC180636	null	Mm.102768
246250	237287	AW544771	TC157360	null	Mm.104592
156258	145980	AW544830	TC161365	null	Mm.27569
34679	38592	AW544876	TC187056	null	Mm.30001
173945	169717	AW544947	TC177267	null	Mm.6493
0	0	AW536166	TC157342	ajuba; jub	Mm.100253
98035	118614	AW536194	TC188097	null	Mm.28576
0	0	AW536233	TC173357	null	Mm.7091
18861	21145	AW536275	TC179096	null	Mm.40482
1075077	675203	null	null	null	null
431024	542102	AW536204	TC159865	X16	Mm.6787
424039	426905	AW536243	null	null	null
33942	27829	AW536282	TC199433	null	Mm.102499
2142785	2808676	AW536904	null	null	Mm.5246
101114	104837	AW536945	TC187826	null	Mm.28414
55409	47942	AW536993	TC159903	null	Mm.30245
130222	218735	AW537036	TC175249	Dutt1 protein	Mm.20832
168848	217468	AW536906	TC173455	Bach2	Mm.21908



250276	251385	AW536963	TC187335	null	Mm.19352
129709	110972	AW537006	TC200562	adaptor protein	Mm.24640
333924	451909	AW537048	TC174134	ets2 protein	Mm.22365
414115	357068	AW544448	null	null	null
351554	284267	AW544535	TC174104	null	Mm.30028
22398	17102	AW544613	null	null	null
34257	29752	AW544685	null	null	null
464240	354307	AW544487	TC188201	null	Mm.29974
204002	182130	AW544551	TC173354	prohibitin or B-cell receptor	Mm.2355
100150	98933	AW544630	TC174664	null	Mm.28200
196465	132329	AW544704	TC174241	null	Mm.29213
36082	25475	AW545798	TC201807	null	Mm.1585
36576	34015	null	null	null	null
66622	73021	AW536103	TC189390	null	Mm.38473
346351	455323	AW536143	TC186471	t-complex polypeptide 1A	Mm.6797
23784	32064	AW545817	TC174170	folylpolyglutamate synthetase	Mm.3830
169539	188392	AW536071	null	null	null
315352	270840	AW536113	TC161121	null	Mm.22162
295774	240343	AW536156	null	null	null
82805	77233	AW536738	TC200308	BTEB-1 transcription factor	Mm.19788
30378	49058	AW536780	TC187839	SRG3	Mm.1050
37203	22447	AW536814	TC160438	MECA39	Mm.4606
50666	50845	AW536852	TC174357	focal adhesion kinase	Mm.29674
234916	206693	AW536750	TC158284	vacuolar H(+)-ATPase	Mm.30155
38345	33113	AW536790	TC189426	null	Mm.27793
182242	172905	AW536822	TC188221	null	Mm.27389
20419	26849	AW536862	TC166413	zinc finger protein; Method:	Mm.30405
35690	32052	AW544758	TC177707	null	Mm.45205
124111	122307	AW544817	TC177358	null	Mm.37291
0	0	AW544868	TC162166	null	Mm.20805
526537	445879	AW544934	TC173224	basigin	Mm.726
138145	108892	AW544772	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
256533	172629	AW544952	TC174382	TBPIP	Mm.628
38807	37840	AW536168	TC158947	homolog of yeast RNA1, RNA pro	Mm.3833
291288	180972	AW536195	TC186490	null	Mm.16783
77776	112453	AW536234	TC200522	p34 cdc2 kinase	Mm.4761
1572034	1000014	null	null	null	null
34492	25628	AW536177	TC173728	putative tripeptidyl peptidase	Mm.20837
92380	80935	AW536205	TC162863	null	Mm.63496
174678	197823	AW536246	TC174985	null	Mm.86653
228452	226216	AW536284	null	null	null
676708	846559	AW536904	null	null	Mm.5246
283665	234145	AW536947	TC200346	null	Mm.21652
328185	401160	AW536994	TC173153	PR65	Mm.1034
451903	449083	AW537039	TC188835	null	Mm.29783
23914	38446	AW536908	TC159000	similar to Drosophila ash2	Mm.102514
36676	37556	AW536965	TC162417	null	Mm.44250
164533	139030	AW537007	TC161015	null	Mm.34257
241458	312331	AW537050	TC174248	null	Mm.29906

1637210	1457838	null	null	null
424040	432209	AW544538	TC202382	null
1034827	784810	AW544616	TC158260	null
223983	211199	AW544687	TC162453	phosphomannomutase
30700	17140	AW544499	TC161117	SKD1
0	0	AW544553	TC191510	null
18368	15983	AW544632	TC191093	EPCS50
210408	215066	AW544705	TC161760	null
735222	499759	AW545801	TC161002	Grb3-3
487552	468221	AW536065	TC201465	null
0	0	AW536104	TC202451	null
129072	136028	AW536152	TC158941	null
52267	60287	AW545818	TC163404	null
160013	167178	AW536073	TC159044	null
826115	483948	AW536115	null	null
245623	280125	AW536740	TC200574	16 kDA protein
308925	260166	AW536784	TC187034	null
206867	113560	AW536815	TC159509	Uridine Phosphorylase
7402	5153	AW536854	TC200407	U5-116kD
207498	195595	AW536750	TC158284	vacuolar H(+)-ATPase
62930	71141	AW536792	TC175158	null
0	0	AW536823	TC213095	null
114073	137973	AW536863	TC160811	Ku autoantigen
69622	78199	AW544759	TC207231	null
331146	334622	AW544818	null	null
17016	10179	null	null	null
437914	366757	AW544935	TC175822	N-RAP
674562	724079	AW544776	TC187050	null
97352	90228	AW544831	TC202849	null
59634	56271	AW544881	null	null
18621	13422	AW544953	TC178805	null
252926	324298	AW536169	TC159707	SPARC (aa 1-302)
729947	620293	AW536196	null	null
36905	41243	AW536238	TC160036	embigin precursor
17369	28861	AW536276	TC190863	null
100380	128532	AW536178	TC160164	ribonucleotide reductase subun
241220	202823	AW536206	TC158172	heat shock-like protein
386597	362666	AW536248	TC161556	null
111743	94359	AW536285	TC201772	null
1277364	1653077	AW536904	null	null
57743	59032	AW536955	TC174780	null
832636	753244	AW536995	null	null
90991	69346	AW537040	TC190917	null
33303	39844	AW536910	TC190883	null
84481	113154	AW536966	TC173757	SYNCRIP
414140	558520	AW537010	TC200870	thyrotroph embryonic factor
148955	131199	AW537051	TC173942	null
1351857	1266390	AW544452	null	null
408392	326779	AW544540	null	null
36028	27022	AW544617	TC160724	null
33331	32451	AW544689	TC157710	unnamed protein product
				Mm.20722
				Mm.38994
				Mm.9699
				Mm.18705
				Mm.102752
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				Mm.28465
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				Mm.21452
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				Mm.30932
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				Mm.86644
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				Mm.99
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				Mm.27972
				Mm.19258
				Mm.23966
				null
				Mm.70545
				Mm.39472
				Mm.21514

164356	156757	AW544501	TC174192	heme oxygenase (AA 1-289)	Mm.17980
37288	43447	AW544555	TC200375	GTP-binding protein	Mm.6698
480625	358548	AW544638	null	null	Mm.102755
136933	136295	AW544707	TC200352	null	Mm.2184
101059	151951	null	null	null	null
0	0	AW536066	TC164282	null	Mm.5492
88478	91018	AW536106	TC187481	SH3P7	Mm.27622
1002016	463875	AW536153	TC176396	microsomal triglyceride transf	Mm.2941
0	0	AW545819	TC190409	null	Mm.34198
47738	39419	AW536074	TC162639	null	Mm.9984
26517	27888	AW536118	TC200586	topoisomerase III beta	Mm.20915
1168484	696328	null	null	null	null
2107544	2730925	AW536743	TC173252	translation repressor NAT1	Mm.525
345209	294649	AW536786	TC161979	null	Mm.33819
148796	165780	AW536816	TC158261	null	Mm.38994
21897	32291	AW536855	TC174254	null	Mm.3051
39924	35907	null	null	null	null
313446	405031	AW536795	TC160086	protein kinase	Mm.1761
102797	140447	AW536826	TC187222	null	Mm.28961
59140	46721	AW536864	TC187981	MyD116 protein (AA 1-657)	Mm.4048
36206	29532	AW544761	null	null	null
765819	1066776	AW544819	TC187831	serine/threonine protein kinas	Mm.6645
0	0	null	null	null	null
909364	1123632	AW544940	null	null	null
643364	610619	AW544777	TC188772	null	Mm.30012
102774	108944	AW544835	null	null	Mm.102764
258870	211970	AW544883	TC162274	growth factor regulated calciu	Mm.36248
41734	31523	AW544955	TC184095	null	Mm.102773
406399	412642	AW536175	TC200578	alcohol dehydrogenase-B2	Mm.3874
76469	109861	AW536197	TC173629	Tera	Mm.18637
72985	98112	AW536239	TC162129	null	Mm.24685
103205	123102	AW536277	TC176953	null	Mm.32505
82877	111689	AW536179	TC189303	null	Mm.30927
439959	457039	AW536207	TC186465	null	Mm.21840
83972	114840	AW536253	TC203232	monocarboxylate transporter 4	Mm.28632
54851	50197	AW536289	TC176002	null	Mm.38245
863601	1257607	AW536904	null	null	Mm.5246
726837	651348	AW536959	TC200776	null	Mm.29296
429428	413851	AW537000	TC203352	null	Mm.72009
59547	73042	AW537042	TC203574	null	Mm.46620
0	0	AW536911	TC173144	CD97 antigen	Mm.28222
18854	23454	AW536967	TC176239	enhancer-trap-locus-1	Mm.3764
422583	567446	AW537011	TC200661	null	Mm.21932
76834	85445	AW537053	TC202016	null	Mm.100210
31918	30641	null	null	null	null
747773	575787	AW537584	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
14061	18341	AW537640	TC159424	tissue inhibitor of metallopro	Mm.4871
60533	49786	AW537679	TC201776	null	Mm.44151
23359	23336	AW537526	TC200549	null	Mm.23014
29357	24873	AW537596	TC162405	null	Mm.28233
41609	37873	AW537649	TC173096	GAMM1 protein	Mm.29506

23735	27737	AW537736	TC190467	null	Mm.11095
57089	56751	C76826	TC187355	[Mouse primary response gene B	Mm.4348
304343	328502	C76908	TC180362	null	null
303456	253107	C76978	TC205273	null	Mm.24301
17535	7082	C77056	TC161009	disabled 2 interacting protein	Mm.6370
14123	14295	C76840	null	null	null
20078	20925	C76923	TC212588	null	Mm.24933
20185	15233	C76992	null	null	null
0	0	C77080	TC175594	null	Mm.22929
41784	37624	C78041	null	null	Mm.24980
17456	16221	C78109	null	null	null
20358	19657	C78197	null	null	null
0	0	C78297	null	null	null
13518	9613	C78061	null	null	null
11925	10314	C78128	null	null	null
652341	360403	C78231	null	null	Mm.29590
73390	70146	C78321	null	null	Mm.88704
191674	175920	AW537777	TC174271	translocase of inner mitochond	Mm.24565
1127211	549199	AW537821	TC200194	cytochrome c	Mm.35389
0	0	AW537731	TC158615	null	Mm.100791
37771	30200	C76013	TC201589	null	Mm.31946
74075	60142	AW537791	TC173099	non-erythrocyte beta spectrin	Mm.3914
147169	119572	AW537692	TC160779	null	Mm.21396
49123	41483	C75957	TC178225	null	Mm.6358
26583	17205	C76046	null	null	null
0	0	C77119	null	null	null
0	0	C77215	TC191587	null	null
30726	26648	C77296	null	null	Mm.24941
0	0	C77370	null	null	Mm.24953
18484	12002	C77135	TC185632	null	null
0	0	C77236	null	null	Mm.5591
0	0	C77314	TC179010	null	Mm.24936
14160	15043	C77396	null	null	null
183917	117220	C78388	TC161579	null	Mm.27809
63718	53565	C78454	TC161570	null	Mm.24095
31517	25965	C78520	null	null	null
55605	47419	C78587	null	null	null
0	0	C78403	null	null	Mm.24990
27023	22656	C78475	null	null	null
107411	73170	C78532	null	null	Mm.5715
113798	144268	C78610	TC173398	synexin	Mm.20794
303735	357342	AW537514	null	null	Mm.102527
59523	57007	AW537586	TC200835	ATP-dependent RNA helicase	Mm.3935
68534	64218	AW537641	TC173813	null	Mm.28536
21767	24670	AW537682	TC186889	null	Mm.29369
24399	38060	AW537527	TC186776	null	Mm.18579
79493	55623	AW537599	TC160917	ponsin-1	Mm.29030
124634	132865	AW537650	TC201475	null	Mm.46521
76845	50257	AW537739	TC190578	null	Mm.93266
1512867	2114867	C76830	TC158271	ribosomal protein S26	Mm.372
58142	62836	C76909	TC203230	null	null

69568	67567 C76979	null	null	null
35305	29607 C77057	TC181037	null	Mm.76756
228881	235251 C76846	TC161850	null	Mm.23842
99266	80594 C76924	null	null	Mm.34931
4757	5590 C76998	TC178050	null	Mm.101735
8917	7147 C77082	TC165069	null	Mm.14225
30355	28504 C78042	null	null	null
727511	525011 C78110	TC160279	proteasome subunit C9	Mm.30270
164540	130175 C78200	null	null	null
23085	26347 C78300	null	null	null
66706	60082 C78062	TC173399	unnamed protein product	Mm.831
59678	53443 C78131	TC202691	null	Mm.24984
313149	238092 C78236	TC160909	SH3P2	Mm.4165
100468	91726 C78324	null	null	null
72604	64395 AW537781	TC206114	null	Mm.37758
128198	132072 AW537824	TC186993	null	Mm.41743
100804	105954 C76020	null	null	Mm.42670
608973	354957 AW537792	TC158850	glucose-regulated protein 78	Mm.918
579797	463332 AW537693	null	null	null
115992	106816 C75959	TC163194	null	Mm.14008
40764	32292 C76047	TC174909	corticosteroid-binding globuli	Mm.2874
39786	45668 C77120	null	null	null
10174	7669 C77218	null	null	null
23687	14873 C77298	null	null	null
17810	20293 C77371	null	null	null
22751	19387 C77137	null	null	Mm.44016
86061	77076 C77241	null	null	null
805000	549695 C77316	TC174455	null	Mm.29107
26374	25389 C77400	null	null	null
54789	46947 C78393	TC180067	null	Mm.88597
295465	214949 C78462	null	null	null
23679	14455 C78523	TC202776	intermediate filament protein	Mm.23742
24202	19506 C78591	null	null	null
76476	83480 C78405	null	null	null
687342	584887 C78478	null	null	null
53689	45558 C78534	TC208338	null	null
512058	446151 C78611	TC160426	null	Mm.22086
24088	20539 AW537516	TC175738	transmembrane receptor	Mm.33495
75688	54590 AW537587	TC172589	null	null
41293	42408 AW537642	TC189015	null	Mm.41394
8830	3454 AW537683	TC175872	null	Mm.41577
9205	6091 AW537528	null	null	null
13042	6433 AW537603	TC173892	putative intracellular signali	Mm.27063
0	0 AW537651	TC164523	null	Mm.87242
157891	127268 AW537740	null	null	null
98448	81963 C76834	null	null	null
103235	100821 C76913	null	null	null
52390	50976 C76981	TC202291	null	Mm.6419
74605	64179 C77058	TC169328	null	null
165431	82110 C76851	TC174000	null	Mm.24222
54085	51828 C76938	null	null	null

163333	216304	C77000	TC158395	null	Mm.28726
0	0	C77084	null	null	null
194804	140096	C78044	null	null	null
104217	100778	C78115	null	null	null
49534	48911	C78205	null	null	null
82555	104679	C78303	TC189208	null	Mm.27493
16291	13309	C78063	null	null	null
303922	239465	C78132	TC201709	null	Mm.22121
182473	155387	C78242	null	null	Mm.34937
48365	42990	C78326	null	null	null
419043	408723	AW537784	TC159791	null	Mm.28692
22439	33956	AW537825	TC178451	null	Mm.45408
12920	13679	C75945	null	null	null
55917	46893	C76023	null	null	null
64691	71987	AW537793	TC174494	PMP34 protein	Mm.306
196627	218636	AW537694	TC186878	null	Mm.12110
95216	64125	C75962	null	null	Mm.3953
21332	19486	C76049	TC189263	null	Mm.25296
0	0	C77123	null	null	null
78185	74899	C77223	TC201212	RNA polymerase II largest subu	Mm.16533
0	0	C77302	null	null	null
0	0	C77373	TC193691	null	Mm.34933
25250	19171	C77144	null	null	Mm.5580
423737	426385	C77246	null	null	null
227651	178519	C77319	TC169538	null	null
35265	30258	C77401	null	null	null
107746	92943	C78395	TC159004	Ap-3 complex beta3A subunit	Mm.21185
35999	33900	C78467	null	null	null
34085	33549	C78524	null	null	null
22849	25257	C78602	null	null	null
77709	40754	C78409	null	null	null
299314	347789	C78481	TC186862	centrosomin B	Mm.2238
211786	159410	C78535	null	null	Mm.24993
24871	18309	C78616	null	null	Mm.5725
0	0	AW537519	TC190589	null	Mm.24869
26998	19218	AW537590	null	null	null
55043	48132	AW537645	TC202036	RNA polymerase I largest subun	Mm.7387
94213	84383	AW537685	TC187798	null	Mm.29795
80398	101931	AW537534	TC188102	null	Mm.27685
172200	132267	AW537604	TC187127	FK-506 binding protein homolog	Mm.6565
568338	506605	AW537654	TC173698	null	Mm.2573
119112	109317	AW537744	TC203216	protein inhibitor of activated	Mm.38869
12898	14461	C76835	TC157433	null	Mm.87684
132062	165106	C76985	null	null	null
205226	98590	C77059	TC201710	prolidase	Mm.69751
555641	404260	C76855	TC187519	golgi SNARE	Mm.22114
179659	162912	C76940	TC205896	null	Mm.24932
232436	214184	C77009	null	null	Mm.27511
0	0	C77086	null	null	Mm.24935
155168	128661	C78046	TC160083	null	Mm.22559
109049	139587	C78116	TC175516	null	Mm.21619

161076	134011	C78211	TC179909	null	Mm.24810
295187	323926	C78312	TC157633	Seryl-RS	Mm.28688
62098	93935	C78065	TC186921	null	Mm.28239
35154	28387	C78135	null	null	null
110266	123911	C78248	null	null	Mm.24989
27872	30390	C78330	TC170327	null	Mm.26195
43145	38306	AW537786	null	null	null
12454	15934	AW537827	TC177378	null	Mm.81940
189553	222415	C75946	TC157728	kinesin heavy chain	Mm.3380
41921	31437	C76031	TC176287	null	Mm.26002
22526	21839	AW537794	TC161252	null	Mm.36291
343457	508512	AW537695	TC187362	HMG-CoA reductase	Mm.2226
169036	152443	C75966	TC199953	null	Mm.25154
18758	16008	C76056	null	null	null
41654	34811	C77127	TC175131	null	Mm.29667
199647	215807	C77307	null	null	Mm.90054
0	0	C77381	null	null	null
0	0	C77147	TC193692	null	Mm.65333
18486	16763	C77250	TC175932	null	Mm.23018
50328	47899	C77320	null	null	null
51522	29475	C77402	TC201014	CD84 leukocyte antigen	Mm.21882
180571	144429	C78398	TC173807	APRT	Mm.1786
584889	594970	C78472	null	null	Mm.34497
603573	447272	C78525	TC160242	null	Mm.4859
247575	176030	C78606	TC191378	null	Mm.22979
88880	42717	C78412	TC176223	null	Mm.7326
98657	86855	C78482	null	null	Mm.5710
28693	23043	C78537	null	null	null
120494	78612	C78618	TC204640	null	Mm.23467
0	0	AW537520	TC201517	null	Mm.2455
193948	146490	AW537594	TC173260	null	Mm.28219
199816	224502	AW537646	TC186432	beta-catenin	Mm.3476
80590	66441	AW537687	TC189318	general transcription factor I	Mm.28619
0	0	AW537539	null	null	Mm.14244
0	0	AW537606	TC202924	myosin X	Mm.60590
0	0	AW537655	TC199933	glyceraldehyde-3-phosphate deh	Mm.5289
102819	67842	AW537746	TC161381	null	Mm.22602
28641	30296	C76838	null	null	null
74160	70544	C76921	TC167061	null	Mm.5548
0	0	C76986	null	null	null
0	0	C77074	TC180474	null	null
161540	190632	C76856	TC161951	null	Mm.4948
204902	303734	C76941	TC187073	null	Mm.15701
130955	128686	C77010	null	null	null
0	0	C77087	TC175139	null	Mm.104399
0	0	C78048	TC204651	regulator of G-protein signali	Mm.13264
33136	30984	C78125	TC192735	null	Mm.74666
10432	7217	C78226	null	null	null
51715	45938	C78316	TC159019	null	Mm.35829
0	0	C78067	TC180303	null	Mm.5674
43130	42397	C78137	null	null	Mm.16861

130310	110580	C78249	TC202435	null	Mm.5697
0	0	C78332	null	null	null
111003	106847	AW537787	TC160575	null	Mm.29253
141922	107636	AW537689	TC173559	null	Mm.30068
24854	18341	C76034	null	null	null
98374	118609	AW537796	TC174413	U2-snRNP-specific b"	Mm.1323
258588	164760	AW537697	TC189079	null	Mm.41767
309824	399682	C75967	TC167005	null	Mm.21137
58082	62779	C76058	null	null	null
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141304	151663	C77308	null	null	null
11491	5500	C77383	null	null	Mm.43952
19614	27517	C77156	null	null	null
28493	29898	C77253	TC162322	null	Mm.24304
28788	25093	C77327	null	null	null
53118	39738	C77405	null	null	Mm.37491
52551	55542	C78399	TC160523	null	Mm.28060
48673	54048	C78473	TC189369	null	Mm.46573
106070	117192	C78526	null	null	null
120063	82644	C78607	TC193756	null	Mm.24796
108942	109644	C78413	TC158365	null	Mm.21714
650570	578141	C78483	null	null	Mm.16317
47645	54708	C78542	TC193175	null	Mm.43660
158086	151737	C78620	TC173559	null	Mm.30068
21638	21459	AW537521	TC160782	lysophosphatidic acid phosphat	Mm.28950
90777	88449	AW537595	TC160108	null	Mm.29572
76110	67050	AW537647	TC172592	null	null
152629	155420	AW537735	TC200767	apg-2	Mm.1032
188620	171086	AW537542	null	null	null
34175	39573	AW537613	TC159576	cytoplasmic protein Ndr1	Mm.4063
20869	33377	AW537657	TC174054	null	Mm.30158
15276	16136	AW537750	TC202288	null	Mm.3235
25670	30246	C76839	TC193882	null	null
51672	50283	C76922	TC163709	null	Mm.21783
37727	27789	C76988	null	null	Mm.24929
45000	36948	C77078	TC200806	endophilin II	Mm.1773
50689	37142	C76858	TC190492	null	Mm.24925
36392	33394	C76944	null	null	null
14015	11389	C77011	null	null	null
0	0	C77088	null	null	Mm.34932
67611	94372	C78050	TC176277	null	Mm.38432
34001	32401	C78126	null	null	null
26608	22208	C78228	null	null	Mm.5692
18658	19814	C78319	null	null	null
24588	25087	C78068	null	null	null
103543	113773	C78141	TC192702	null	Mm.24762
490645	533988	C78256	TC174425	null	Mm.20543
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130623	165228	AW537790	TC200652	null	Mm.12267
621161	590296	AW537690	null	null	Mm.102534



152464	156852	C75952	TC206304	null	Mm.28251
65646	77242	C76038	null	null	Mm.28222
943356	923627	AW537798	TC173133	glucose-6-phosphate dehydrogen	Mm.27210
0	0	AW537702	null	null	null
789801	1132505	C75970	TC187096	phosphatase 2A catalytic subun	Mm.7418
124673	140228	C76063	null	null	Mm.24888
117614	86900	C77132	TC201765	alpha-adaptin C	Mm.14555
27564	22507	C77235	null	null	null
0	0	C77313	TC189765	null	Mm.35664
63766	55416	C77387	TC176037	null	Mm.103946
0	0	C77158	null	null	null
230593	221059	C77256	TC188772	null	Mm.41640
0	0	C77329	TC160434	null	Mm.28397
1478517	1442222	C77408	TC173066	cytokeratin 8 (AA 1 - 489)	Mm.6800
267096	363821	C78402	TC160672	null	Mm.28618
138794	152878	C78474	TC162089	hydroxymethyltransferase	Mm.34759
41399	62201	C78528	TC189433	nuclear phosphoprotein	Mm.3953
322071	362507	C78609	TC157219	null	Mm.13427
100717	110217	C78421	TC201354	11-zinc-finger transcription f	Mm.493
1295587	1586801	C78484	TC159432	put. eEF-TU (aa 1-94)	Mm.16317
65089	63500	C78549	TC212788	null	Mm.5718
0	0	C78624	null	null	null
0	0	C79169	null	null	null
53184	60593	C79226	TC181017	null	Mm.25017
13496	10108	C79305	null	null	Mm.25024
17651	15081	C79392	null	null	null
2822	3296	C79179	null	null	Mm.25014
10734	12879	C79246	null	null	Mm.43925
0	0	C79329	null	null	Mm.25029
19645	19857	C79420	TC188346	null	Mm.24671
0	0	C80375	null	null	null
12336	13788	C80444	TC202148	null	Mm.5949
13204	9278	C80567	null	null	null
0	0	C80654	null	null	null
29612	31093	C80392	TC173399	unnamed protein product	Mm.831
51620	50128	C80485	TC188234	zinc finger RNA binding protei	Mm.21515
0	0	C80583	null	null	null
50664	54544	C80672	TC201546	null	Mm.34798
0	0	C85250	null	null	null
25331	22524	C85327	null	null	Mm.42850
83097	81708	C85409	null	null	null
0	0	C85486	TC190652	null	Mm.7738
89136	101603	C85275	TC173841	poly(A) binding protein II	Mm.7723
10668	12645	C85341	TC162268	phosphatidylcholine-specific p	Mm.2538
55008	52307	C85429	TC203153	null	null
0	0	C85499	TC174894	null	Mm.25808
15583	14038	C79473	null	null	null
21085	19178	C79547	null	null	null
30658	17796	C79610	null	null	Mm.90057
17172	16219	C79683	TC205520	null	Mm.45239
0	0	C79490	null	null	Mm.13300

0	0	C79559	null	null	null
0	0	C79630	null	null	Mm.23876
20094	11346	C79702	null	null	null
50510	48225	C80733	TC174411	cYKi2	Mm.31530
9068	11812	C80852	TC192504	null	Mm.24840
22411	16610	C81050	null	null	null
0	0	C80763	null	null	null
169465	191783	C80870	TC170316	null	null
56498	64640	C80967	TC202003	null	Mm.20559
14133	9263	C81070	null	null	null
56264	33729	C85564	TC194768	null	null
12676	10952	C85667	TC211027	null	null
16433	11412	C85743	null	null	Mm.25395
0	0	C85810	TC163149	MDM2-like p53-binding protein	Mm.25403
13672	12172	C85576	null	null	null
6107	3477	C85699	null	null	null
0	0	C85762	null	null	Mm.7754
0	0	C85835	TC204005	null	Mm.9615
23458	25917	C79170	TC200570	IQ motif containing GTPase act	Mm.56685
0	0	C79230	null	null	null
15230	12024	C79307	null	null	Mm.25025
0	0	C79394	TC192758	null	Mm.5829
10423	7183	C79250	null	null	null
0	0	C79332	null	null	null
9716	9421	C79425	null	null	null
17024	12690	C80376	null	null	Mm.35835
2274109	1307782	C80446	TC183081	null	Mm.97383
32485	29701	C80570	TC201546	null	Mm.29066
25490	22308	C80655	TC161689	null	Mm.22271
23391	33474	C80398	TC200133	A10	Mm.16898
0	0	C80486	null	null	null
0	0	C80584	null	null	null
78172	63500	C80674	TC188165	null	Mm.27963
20498	12411	C85252	TC175812	secretogranin III	Mm.2386
26599	18524	C85328	null	null	null
29085	17055	C85410	null	null	null
39394	30380	C85488	TC163016	null	Mm.19831
84699	80241	C85277	TC202172	null	Mm.41347
37405	40514	C85344	TC202289	null	Mm.9934
134622	98227	C85431	TC176421	Cbfa1/Osf2 transcription facto	Mm.4509
44538	37022	C85503	TC177465	null	Mm.9595
138141	74417	C79476	null	null	null
44623	44160	C79548	TC167058	null	Mm.25038
0	0	C79615	null	null	Mm.88715
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0	0	C79491	null	null	null
22653	19154	C79563	null	null	null
11117	8174	C79635	null	null	null
39074	50071	C79704	null	null	null
0	0	C80735	TC212062	null	null
0	0	C80859	null	null	null

0	0	C80943	TC168386	null	null
0	0	C81051	TC206352	null	Mm.38364
31409	30134	C80774	null	null	Mm.25087
0	0	C80871	null	null	Mm.25092
23152	12769	C80969	null	null	null
0	0	C81072	TC212065	null	Mm.25110
33993	30760	C85567	null	null	null
83572	62584	C85680	null	null	Mm.25392
0	0	C85744	null	null	null
0	0	C85812	null	null	null
16925	13156	C85577	null	null	null
56524	41587	C85702	TC157644	coproporphyrinogen oxidase	Mm.35820
0	0	C85766	TC175385	null	Mm.44208
21585	14674	C85840	TC187421	null	Mm.9616
23419	23619	C79172	TC189520	casein kinase II alpha subunit	Mm.23692
20123	15298	C79238	null	null	null
24961	25748	C79309	null	null	Mm.88235
15872	12420	C79397	TC202377	null	Mm.24765
10056	6117	C79184	TC173335	pendulin	Mm.12508
0	0	C79256	null	null	null
0	0	C79334	TC190518	muscle-specific basic helix-lo	Mm.5820
25339	20056	C79426	null	null	null
7471	7187	C80380	null	null	Mm.25070
29052	23660	C80470	null	null	null
46123	32171	C80571	null	null	null
135941	141626	C80656	TC157467	null	Mm.13291
5077	2847	C80403	TC188414	TROP2 protein	Mm.20560
44620	38016	C80494	null	null	Mm.5953
21209	29234	C80586	TC186637	ryudocan core protein	Mm.3815
340781	461137	C80676	TC158866	ribosomal protein L37a	Mm.21529
27863	34854	C85257	null	null	null
205717	180405	C85330	TC174008	aldolase C	Mm.7729
12083	10053	C85414	TC177054	null	Mm.25382
0	0	C85491	null	null	null
20316	24363	C85283	TC163421	null	Mm.23828
137360	85962	C85347	null	null	null
6561	5784	C85432	TC189533	null	Mm.29063
0	0	C85504	null	null	null
28493	32036	C79479	TC161229	cartilage-associated protein (	Mm.20904
18963	18928	C79552	null	null	null
0	0	C79617	null	null	null
6995	5485	C79686	null	null	null
0	0	C79506	null	null	null
47657	48988	C79567	TC175651	null	null
13825	9115	C79636	null	null	null
188749	124679	C79705	TC185677	null	Mm.25046
63075	50302	C80749	TC190678	null	Mm.5980
13364	13470	C80861	null	null	null
11226	8627	C80954	null	null	null
32207	22683	C81058	TC163763	null	Mm.25097
32503	34340	C80786	TC189061	null	Mm.28900

142164	112381	C80874	TC173324	null	Mm.22470
59034	78676	C80972	TC188729	null	Mm.1654
30272	34479	C81076	TC162341	inter-alpha-inhibitor H1 chain	Mm.3227
56880	70496	C85569	null	null	null
48753	46841	C85681	null	null	null
0	0	C85813	null	null	null
0	0	C85582	TC174655	null	Mm.2077
31420	29174	C85704	null	null	null
0	0	C85769	null	null	null
0	0	C85842	null	null	null
0	0	C79174	null	null	Mm.5796
15342	17899	C79240	null	null	null
16163	9209	C79310	TC212613	null	Mm.25026
41963	26900	C79409	null	null	null
101381	62556	C79185	TC157651	precursor Apoprotein A-I	Mm.87235
12435	9373	C79259	null	null	null
305024	412866	C79335	TC159816	null	Mm.18700
169914	142441	C79433	TC203902	null	Mm.21144
63450	68716	C80381	TC187263	null	Mm.8324
34488	30099	C80473	null	null	null
14330	14312	C80576	null	null	null
139078	88646	C80662	TC159923	small EDRK-rich factor 2	null
112865	82317	C80405	null	null	Mm.45194
129467	161915	C80501	TC187682	null	Mm.29762
13122	24044	C80587	TC157257	null	Mm.45744
0	0	C80677	null	null	null
37476	22819	C85263	null	null	Mm.10137
29934	23900	C85331	TC162030	null	Mm.25189
22624	15199	C85422	null	null	Mm.16929
33462	23474	C85492	TC174081	null	Mm.25383
0	0	C85284	TC191500	null	Mm.31278
11811	9909	C85351	null	null	null
42056	31041	C85433	TC201882	FBW4 WD40-containing F-box pro	Mm.29012
0	0	C85505	null	null	null
10898	12486	C79480	TC177549	null	Mm.34944
0	0	C79556	null	null	null
14724	15341	C79626	TC203517	null	Mm.21231
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0	0	C79507	null	null	Mm.104591
0	0	C79575	null	null	null
34617	22718	C79644	null	null	null
25364	19858	C79706	null	null	null
30807	27560	C80751	null	null	null
95647	64830	C80862	TC186505	null	Mm.21802
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0	0	C81060	null	null	null
0	0	C80790	null	null	null
48920	27914	C80875	null	null	null
32684	27965	C80973	null	null	null
35409	21196	C81077	TC158549	null	Mm.29981
1371920	544484	C85570	TC200060	malate dehydrogenase	Mm.3156

156459	118043	C85692	TC187792	null	Mm.22264
0	0	C85755	null	null	null
0	0	C85821	null	null	null
38615	30669	C85589	TC190216	null	Mm.37581
128997	104095	C85706	null	null	Mm.7747
84518	55583	C85770	null	null	null
20952	22246	C85843	TC191435	null	Mm.25262
0	0	C79176	TC160986	null	Mm.87204
15745	9127	C79242	null	null	Mm.25019
12384	11093	C79313	null	null	null
52605	35743	C79415	TC175730	null	Mm.25030
33298	15321	C79186	TC192631	null	null
91282	65586	C79260	TC159621	DXImx38e protein	Mm.28850
0	0	C79338	TC173140	null	null
0	0	C79443	TC173737	Ring3	Mm.3444
20360	16703	C80387	null	null	null
0	0	C80476	null	null	null
0	0	C80581	null	null	null
39624	33442	C80663	null	null	null
0	0	C80406	null	null	Mm.37007
0	0	C80502	null	null	null
0	0	C80595	TC176529	null	Mm.7463
17947	22015	C80678	null	null	Mm.25084
0	0	C85267	TC202281	null	Mm.28991
39094	49383	C85334	TC162381	null	Mm.28819
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0	0	C85493	null	null	null
18274	9083	C85285	TC192666	null	Mm.21523
61696	62946	C85352	TC162126	null	Mm.41797
41669	20317	C85434	null	null	Mm.9591
13875	15967	C85510	null	null	null
41780	64063	C79482	null	null	Mm.1249
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0	0	C79627	null	null	null
0	0	C79696	null	null	null
13919	12185	C79508	null	null	Mm.25048
0	0	C79579	null	null	null
82532	42023	C79645	TC202000	null	Mm.25042
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0	0	C80806	null	null	null
125265	85671	C80877	TC201015	null	Mm.5902
124996	62417	C80976	null	null	Mm.9086
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24806	21744	C85695	TC187563	null	null
0	0	C85760	TC194876	null	null
37004	37652	C85829	TC203648	null	Mm.25396

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132225	99200	C85709	TC186693	null	Mm.6072
13291	10370	C85771	null	null	null
0	0	C85845	TC175847	ganglioside-induced differenti	Mm.18218
239104	253587	C79177	TC173905	glutathione reductase	Mm.20288
53006	38064	C79245	null	null	Mm.34942
474038	406329	C79324	TC159619	pyruvate dehydrogenase	Mm.34775
31228	18982	C79187	null	null	Mm.30098
0	0	C79267	TC204476	null	Mm.31342
36978	35771	C79341	TC174458	null	Mm.25149
0	0	C79444	TC191480	null	Mm.103402
69327	24533	C80388	TC197082	null	Mm.29838
11416	11521	C80479	null	null	null
57452	60247	C80582	null	null	null
80060	74697	C80667	TC174733	null	Mm.30008
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0	0	C80506	TC188907	null	Mm.22765
21956	8839	C80597	null	null	null
48499	64219	C80679	TC200384	C7-1 protein	Mm.21961
13468	14440	C85272	TC190635	null	Mm.28763
1482195	1164874	C85340	null	null	Mm.7730
43583	21075	C85427	TC200955	unknown	Mm.21268
0	0	C85496	TC162494	null	Mm.21078
33797	26892	C85287	TC175108	null	Mm.25305
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0	0	C79489	null	null	null
79197	56029	C79558	null	null	Mm.25040
384110	270639	C79628	TC174147	PA28 alpha subunit	Mm.830
21004	16242	C79697	TC200133	A10	Mm.16898
24118	18854	C79512	null	null	null
101005	142526	C79581	TC187288	null	Mm.28687
69376	65863	C79646	null	null	null
97910	139661	C79711	null	null	Mm.22482
22351	12219	C80759	TC157271	null	Mm.31137
19118	14186	C80869	null	null	null
110156	107767	C80966	TC173792	small zinc finger-like protein	Mm.30718
74519	33711	C81065	TC174684	spermidine synthase	Mm.10
17130	12267	C80807	TC201356	zeta-crystallin/quinone reduct	Mm.3534
0	0	C80893	null	null	null
112177	97899	C80983	TC187847	null	Mm.24110
22478	21800	C81080	TC189486	null	Mm.27779
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112131	95068	C85697	null	null	Mm.42371
0	0	C85761	TC166400	null	Mm.25480
80329	61312	C85831	TC192515	null	null
0	0	C85598	null	null	null
81922	40563	C85710	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
49191	32384	C85779	TC190880	null	Mm.46582
0	0	C85850	null	null	null

16068	17163	C86497	TC188081	null	Mm.30221
0	0	C86562	null	null	null
26085	24646	C86617	TC189386	null	Mm.30033
8532	7333	C86711	TC188784	null	Mm.39077
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112775	94801	C86632	TC161282	I-TRAF	Mm.1803
0	0	C86748	TC160553	transforming growth factor-be	Mm.18213
8189	4829	C87716	null	null	null
7562	5502	C87807	null	null	null
0	0	C87890	null	null	null
0	0	C87987	null	null	Mm.25522
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18179	16056	C87999	null	null	null
22195	16887	AU022315	null	null	null
10359	5951	AU022373	null	null	null
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89984	44336	AU022383	null	null	null
16598	11470	AU022445	null	null	null
4652	3099	AU022493	null	null	null
8093	5818	C86809	null	null	null
495024	306542	C86882	TC190192	null	Mm.12054
448382	391153	C86972	TC173360	null	Mm.29864
79994	61384	C87036	TC174419	null	Mm.25308
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31833	29374	C86911	null	null	Mm.104460
127248	105985	C86984	TC189582	null	Mm.42850
0	0	C87044	null	null	null
50874	43429	C88057	TC161976	null	Mm.9806
25169	18979	C88146	null	null	null
26194	16681	C88212	TC195179	null	null
76501	73188	C88307	TC161149	null	Mm.22109
11613	9846	C88068	TC198283	null	Mm.25527
0	0	C88161	TC178652	null	Mm.34990
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0	0	C88322	null	null	null
39398	28478	AU022528	null	null	null
0	0	AU022585	TC161240	null	Mm.34456
58256	55956	AU022644	null	null	null
0	0	AU022705	null	null	null
23063	27169	AU022542	TC191970	null	Mm.21538
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0	0	AU022668	null	null	null
0	0	AU022721	null	null	Mm.26330
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40614	42946	C86563	TC187149	null	Mm.28955
65279	47702	C86619	TC160973	null	Mm.25806

225317	182353	C86712	TC173809	preprodipeptidyl peptidase I	Mm.684
48596	40437	C86515	TC189055	null	Mm.34714
38213	23845	C86580	TC201271	homologous to the yeast YGR163	Mm.28746
25905	18681	C86638	TC190317	null	Mm.23930
104100	79739	C86753	TC212416	null	Mm.42292
0	0	C87717	null	null	null
19898	18544	C87819	TC194967	null	Mm.25512
12622	9039	C87892	TC201640	arginine methyltransferase	Mm.25516
0	0	C87988	TC191558	null	Mm.7784
0	0	C87749	TC191251	null	Mm.25511
126277	47998	C87836	TC163432	null	Mm.23780
0	0	C87911	null	null	null
0	0	C88001	TC190057	null	Mm.22331
119361	101662	AU022316	TC176022	null	Mm.86647
48665	37405	AU022374	null	null	null
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79615	36450	AU022485	TC163110	espin	Mm.32006
117414	198832	AU022324	TC187956	legumain	Mm.17185
175218	74786	AU022388	TC174397	null	Mm.27837
143652	57298	AU022447	null	null	null
13290	11571	AU022495	null	null	Mm.11854
134524	105230	C86813	TC200968	null	Mm.34576
121474	79977	C86884	TC178622	bHLH protein MesP2	Mm.31472
0	0	C86974	null	null	Mm.9711
0	0	C87037	null	null	null
14414	10590	C86831	TC176377	gene trap locus-13	null
13083	15280	C86913	null	null	null
41755	44874	C86985	TC157954	AMP deaminase H-type	Mm.3238
35456	22855	C87050	null	null	null
24166	10882	C88059	null	null	Mm.9807
132367	91164	C88148	TC161471	null	Mm.14816
0	0	C88216	TC204137	null	Mm.25535
29616	28232	C88310	TC174491	zinc finger protein	Mm.23862
0	0	C88079	TC190178	null	Mm.29409
0	0	C88166	null	null	null
14769	9637	C88238	null	null	null
0	0	C88327	null	null	null
14720	13584	AU022531	null	null	null
106477	101333	AU022589	TC208058	null	Mm.35642
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36730	25151	AU022706	null	null	null
40144	39298	AU022547	TC187248	null	Mm.12553
22251	16656	AU022602	TC161583	null	null
37392	22507	AU022670	null	null	Mm.4781
20267	11457	AU022722	TC174664	null	Mm.28200
50488	40920	C86501	TC201626	glucosidase I	Mm.28188
12895	10695	C86564	null	null	null
44037	35556	C86624	null	null	null
14656	8782	C86716	null	null	Mm.25443
92930	118553	C86517	null	null	null
21785	16241	C86581	TC167551	null	Mm.89255



254533	165936	C86639	TC176297	null	Mm.25435
30942	22216	C86755	TC160250	null	Mm.9693
79196	81428	C87721	null	null	Mm.37994
53742	51838	C87820	TC188239	Williams-Beuren syndrome delet	Mm.1717
28272	23310	C87895	null	null	null
68745	102186	C87989	TC173891	transferrin receptor	Mm.25560
86304	71513	C87750	TC162031	null	Mm.29587
33905	38787	C87917	TC174254	null	Mm.28539
12782	6719	C88008	TC169523	null	null
78514	86011	AU022319	TC161407	PalBH	Mm.24778
31182	25129	AU022376	null	null	Mm.12265
20424	16032	AU022434	TC183085	null	Mm.11846
0	0	AU022486	null	null	null
40531	37442	AU022325	TC188741	putative ras effector Nore1	Mm.10133
69576	77874	AU022389	TC161617	UDP-Gal:glucosylceramide beta-	Mm.26364
47914	45052	AU022448	null	null	null
11072	7430	AU022499	null	null	null
6928	3941	C86821	null	null	null
0	0	C86888	TC176523	null	Mm.34413
15611	8368	C86975	TC177672	null	Mm.31304
44372	34249	C87038	null	null	Mm.25429
20696	20356	C86832	TC176652	inositol 1,4,5-trisphosphate r	Mm.7800
685033	498489	C86919	null	null	null
129567	113104	C86988	null	null	null
0	0	C87052	TC189556	polycomb-group proteins	Mm.9718
15209	18064	C88061	null	null	null
48399	39607	C88149	TC173346	lysyl hydroxylase 3	Mm.41486
55644	45903	C88217	null	null	null
17242	17167	C88313	null	null	null
44327	31453	C88080	TC161587	null	Mm.12705
0	0	C88167	TC199194	null	null
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92531	79003	C86654	TC164172	null	Mm.14508
97105	72151	C86757	TC162021	null	Mm.25445
263357	178552	C87724	TC189892	null	Mm.36708
57812	46164	C87823	null	null	Mm.41106

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96557	75225	C86995	TC163048	null	Mm.29396
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0	0	AU024432	null	null	Mm.103825
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32684	35535	AU023618	TC175621	null	Mm.86921
62892	71067	AU023693	TC157675	spindlin	Mm.42193
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89729	87520	AU019102	TC187585	null	Mm.29540
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29317	24242	AU019289	null	null	Mm.11498
72127	66803	AU019360	null	null	null
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24325	33366	AU019293	TC159152	unnamed protein product	Mm.29577
250748	191384	AU019386	TC163045	null	Mm.212
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32529	26214	AU023432	null	null	null
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96173	77827	AU023449	null	null	null
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67190	66485	AU024282	TC188483	null	Mm.12468
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69916	74349	AU024548	null	null	null
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71328	58261	AU019211	TC197173	null	null
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49948	76813	AU019232	TC200917	null	Mm.12166
56858	32989	AU019313	TC164152	null	Mm.10780
49707	57142	AU019413	TC161478	null	Mm.24033
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40188	21568	AU020355	null	null	null
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59495	44207	AU020256	TC175339	null	Mm.20697
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17144	18789	AU020447	null	null	Mm.26220
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17661	17676	AU014862	TC177671	null	null
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38371	27011	AU016078	TC177814	ORF	Mm.16794
29549	28055	AU015901	null	null	null
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0	0	AU016102	null	null	Mm.25959
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644460	668570	AU020847	TC204997	null	Mm.5473
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148871	120828	AU016256	TC187277	null	Mm.22042
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73246	57604	AU016273	TC175004	null	Mm.30004
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35763	27022	AU043170	TC159147	DNA polymerase epsilon small s
21615	12068	AU043226	TC161819	null
15511	11268	AU041270	null	null
60949	43555	AU041341	null	null
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83206	70292	AU040366	TC157772	null
192245	145542	AU040419	TC202394	null
76860	70666	AU040495	null	null
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24441	22652	AU043396	TC161637	null
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59911	51137	AU043634	null	null
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79721	109987	AU017179	TC200758	null
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33952	39233	AU041343	TC162055	put. preproIGF-IA (AA -22 to 1	Mm.2770
23791	13390	AU043183	TC203627	null	Mm.28376
475597	266493	AU043245	TC202623	null	Mm.28623
25769	17345	AU017390	TC190617	null	Mm.23991
22776	21676	AU017455	TC190452	stromelysin PDGF responsive el	Mm.22051
430680	209388	AU017536	TC157603	cytochrome c oxidase	Mm.43415
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44318	43540	AU017487	null	null	null
38681	49920	AU017579	TC186588	growth factor-induced protein	Mm.3765
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166929	166925	AU040148	TC177384	ninein	Mm.4569
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21386	26661	AU017496	TC183683	null	null
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353011	444627	null	null	null	null
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0	0	AU041948	TC160642	null	Mm.17631
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212860	415225	AU045282	TC202075	null	Mm.27390
53905	42692	AU045417	null	null	Mm.27105
591401	207525	AU045090	TC159765	null	Mm.22242
63213	72735	AU045213	TC160368	null	Mm.17870
176817	142499	AU045309	null	null	Mm.21600
27083	47936	AU045458	null	null	Mm.17856
99433	60941	AU041875	TC175799	apolipoprotein B mRNA-editing	Mm.3333
36242	22384	AU041952	TC162978	3'-5' exonuclease TREX1	Mm.17632
197438	355970	AU042018	TC173940	null	Mm.23865
78104	73149	AU042092	TC189033	null	Mm.5018
90529	68831	AU041885	TC190153	null	Mm.27539
15758	24557	AU041968	TC161626	null	Mm.27289
54059	41827	AU042032	TC162436	gankyrin	Mm.17640
126326	105068	AU042103	TC201409	CtBP1 protein	Mm.7286

41855	30535	AW546034	null	null	Mm.102798
521539	370857	null	null	null	null
1603204	908285	null	null	null	null
448937	560699	AW546168	TC199928	5S ribosomal protein	Mm.5291
320818	379524	AW546062	TC159470	ribosomal protein L9	Mm.14244
276411	248604	AW545976	TC187308	COP9 complex subunit 7a	Mm.1444
131591	148828	AW546131	TC162023	glycosylphosphatidylinositol-s	Mm.2779
116643	99454	AW546184	TC187286	vacuolar adenosine triphosphat	Mm.1081
18422	9855	AU044685	TC196915	null	Mm.21239
65036	58031	AU044791	TC169889	null	Mm.17822
48313	44399	AU044887	TC201397	null	Mm.24859
183020	176175	AU044980	TC175292	123F2 protein	Mm.12091
68109	74531	AU044713	TC201643	null	Mm.28560
25880	20874	AU044805	null	null	null
221476	144362	AU044906	TC175833	null	Mm.18262
43083	34578	AU045003	TC176231	null	Mm.27100
27434	78461	AU041553	null	null	null
34591	27302	AU041633	TC191958	null	Mm.10034
270441	234977	AU041716	TC197127	null	Mm.69065
166423	87105	AU041778	null	null	null
41400	41679	AU041573	TC166347	null	null
44299	36745	AU041661	null	null	null
936629	1096436	AU041729	null	null	null
45278	32153	AU041805	TC157914	Naglu	Mm.6142
460956	457385	AU042844	TC197113	null	Mm.17695
158522	136006	AU042898	TC161389	unnamed protein product	Mm.28911
35213	25605	AU042976	null	null	null
144473	185685	AU043039	TC174586	null	Mm.27476
65513	78506	AU042854	null	null	Mm.26845
11180	13269	AU042930	TC209002	null	Mm.17703
77893	74571	AU042990	null	null	null
68732	62058	AU043061	null	null	Mm.37647
12238	11413	AU045073	null	null	Mm.56915
236969	170440	AU045206	TC190487	null	Mm.22847
17670	12306	AU045285	TC210437	null	null
42172	40093	AU045423	TC176440	null	Mm.22581
0	0	AU045092	TC208069	null	Mm.18086
56417	44056	AU045217	null	null	Mm.17842
106501	162452	AU045311	TC200155	long-chain acyl-CoA dehydrogen	Mm.2445
85178	62735	AU045459	null	null	Mm.26888
46552	255271	AU041878	TC157596	sulfated glycoprotein-2	Mm.18700
32816	24707	AU041955	null	null	Mm.27700
44675	43881	AU042020	TC203802	null	Mm.18130
500226	238249	AU042095	TC200518	cysteine-rich intestinal prote	Mm.22049
62781	57380	AU041887	TC157854	null	Mm.88752
50776	38936	AU041972	null	null	Mm.103842
188821	228128	AU042036	TC160599	null	Mm.28721
51901	30545	AU042104	TC161325	null	Mm.73843
215754	138308	AW546037	TC161052	carnitine palmitoyltransferase	Mm.29499
2489539	1505234	null	null	null	null
79598	74164	AW546125	TC186806	null	Mm.30148



335075	458787	AW546168	TC199928	5S ribosomal protein	Mm.5291
131361	138527	AW545929	TC199904	ribosomal protein L28	Mm.14796
129096	91141	AW545977	null	null	null
35207	19667	AW546136	null	null	null
78602	96544	AW546186	TC162537	null	Mm.24342
0	0	AU044690	TC189089	phospholipid-binding protein	Mm.4186
29848	20415	AU044792	null	null	Mm.17820
37324	35020	AU044889	null	null	null
21461	31421	AU044984	null	null	Mm.17827
37124	33847	AU044716	null	null	null
32323	16939	AU044829	TC186951	null	Mm.17864
21118	14289	AU044915	null	null	Mm.17825
48441	19607	AU045005	TC176063	null	Mm.26191
81591	68276	AU041556	TC162398	null	Mm.18814
0	0	AU041644	TC190393	null	Mm.4971
0	0	AU041718	TC168087	null	Mm.17618
58919	56450	AU041780	TC175492	Tcte-1 peptide	Mm.1290
0	0	AU041577	null	null	Mm.103839
114832	107471	AU041666	TC159489	mutant p53 binding protein 1	Mm.41781
62668	41209	AU041733	TC191071	null	Mm.31590
45969	45345	AU041811	TC206826	null	Mm.17666
725978	609611	AU042846	TC160279	proteasome subunit C9	Mm.30270
174884	213159	AU042916	TC187194	null	Mm.17917
50780	63328	AU042977	null	null	null
264960	376313	AU043040	TC192816	null	null
25424	21947	AU042855	null	null	null
1169753	1440903	null	null	null	null
1007547	638876	AU042998	TC158316	null	Mm.548
1068849	1293070	AU043067	TC158871	60S ribosomal protein	Mm.42578
55927	55813	AU045074	TC204061	G protein-coupled receptor kin	Mm.10188
31105	25127	AU045208	TC201507	null	Mm.22705
67250	58141	AU045289	null	null	Mm.17848
58797	45469	AU045436	null	null	null
134132	115856	AU045102	TC159811	thioredoxin-related protein	Mm.19169
93966	58828	AU045220	TC169888	null	Mm.17852
50299	40792	AU045333	TC203211	null	Mm.10277
34285	29836	AU045466	TC161930	null	Mm.22385
44271	25623	AU041880	TC187594	null	Mm.31586
35287	31782	AU041955	null	null	Mm.27700
13008	34912	AU042021	TC201425	ras-related protein	Mm.3903
146778	120701	AU042097	TC187824	62 kDa subunit of TFIIH	Mm.22700
72136	65161	AU041888	TC190372	oxysterol 7alpha-hydroxylase	Mm.17991
31639	19112	AU041975	TC179621	null	Mm.94711
91714	71654	AU042038	TC190639	null	Mm.17641
179494	167176	AU042111	TC187121	null	Mm.1985
0	0	AW546054	TC194060	null	null
2076880	1214431	null	null	null	null
183815	158942	AW546126	TC191294	null	Mm.17677
589670	773748	AW546168	TC199928	5S ribosomal protein	Mm.5291
134750	143814	AW545934	TC157362	transcription factor	Mm.104645
283772	351887	AW545979	TC184151	null	null

364072	397218	AW546137	TC202091	null	Mm.13806
759409	756867	AW546189	TC173838	null	Mm.30103
118126	74851	AU044691	TC173503	null	Mm.15351
298820	247433	AU044795	TC186815	null	Mm.24460
30948	33490	AU044891	null	null	null
64946	84487	AU044985	null	null	null
47075	51836	AU044719	TC205608	null	Mm.11320
0	0	AU044833	TC189840	signaling lymphocytic activati	null
73162	57459	AU044930	TC187993	Bcl-2 homolog	Mm.25988
32230	25501	AU045006	TC161479	Bce-1 protein	Mm.5641
42144	45331	AU041561	TC207300	null	Mm.85101
92545	80424	AU041653	TC202128	MyD88	Mm.12847
646060	840186	AU041719	TC203180	alpha-sarcoglycan	Mm.18709
41952	41837	AU041788	TC174654	null	Mm.1506
25540	31063	AU041578	TC201066	oviduct-specific glycoprotein	Mm.5110
104872	96752	AU041669	null	null	null
22278	19127	AU041734	null	null	null
577754	451067	AU041817	TC201333	null	Mm.28197
358365	444411	AU042848	TC173461	HBp15/L22	Mm.13917
40346	42158	AU042917	TC164480	null	Mm.29068
205050	147676	AU042980	TC201127	null	Mm.7044
2318072	744123	AU043044	TC188125	GES30	Mm.3506
80922	76824	AU042856	TC158217	null	Mm.19055
106750	170332	AU042936	TC187781	null	Mm.24105
115262	141726	AU042999	null	null	null
187901	261590	AU043069	TC175743	zinc transporter like 2	Mm.28490
51361	48469	AU045081	null	null	Mm.103857
575071	482217	AU045209	TC160543	null	Mm.43040
57563	82425	AU045290	TC203287	multidrug resistance protein	Mm.41002
18512	24552	AU045439	null	null	Mm.103860
75160	65956	AU045103	TC200600	cullin 3	Mm.17837
70962	67289	AU045236	TC196767	null	Mm.17844
133858	119537	AU045345	TC174709	null	Mm.5265
51920	47013	AU045468	TC189495	null	Mm.19168
40565	80964	AU041881	TC173903	TNFRSF19	Mm.21526
133671	127908	AU041964	TC187595	null	Mm.25632
43418	41864	AU042023	null	null	null
23038	26267	AU042098	null	null	null
219472	310271	AU041893	TC201122	null	Mm.22383
83875	75596	AU041976	null	null	null
41391	42713	AU042039	TC200340	EAT/MCL-1	Mm.1639
191747	272842	AU042116	TC159835	null	Mm.39130
165284	179053	AW546056	TC200375	GTP-binding protein	Mm.6698
447220	274738	null	null	null	null
58222	47791	AW546127	null	null	null
1100440	670687	AW546174	TC173290	TSC-22	Mm.20927
34732	51088	AW545936	TC173551	sid1334p	Mm.3049
34153	37660	AW545984	null	null	null
194189	226618	AW546141	TC200038	myristoylated alanine-rich C-k	Mm.30059
572106	569770	AW546194	null	null	Mm.102805
147143	119363	AW546889	null	null	null

97015	99276	AW546993	TC162649	carbonic anhydrase-related pol	Mm.1336
112658	115164	AW547152	TC162202	100 kDa thyroid hormone recept	Mm.7268
50575	58013	AW546919	TC162339	null	Mm.33761
66731	55522	AW547027	TC202795	null	Mm.31402
26768	30646	AW547093	TC163004	null	Mm.40990
0	0	AW547187	null	null	Mm.102829
34416	20008	AW548431	null	null	Mm.90366
13237	12819	AW548526	TC175619	von Hippel-Lindau protein	Mm.29407
0	0	AW548633	null	null	Mm.102872
66383	223448	AW548722	TC173137	vimentin	Mm.7
95010	97280	AW548470	TC185241	null	Mm.89160
82812	68155	AW548663	TC189727	tulip 1	Mm.35575
970368	612887	AW548741	null	null	null
271036	1070226	AW549905	TC159636	alpha-globin	Mm.16820
133216	166358	AW549976	TC160032	P311	Mm.4919
11688	20003	AW550056	TC175494	null	Mm.27777
296540	342887	AW550178	null	null	null
26988	25266	AW549913	null	null	null
201267	164011	AW549995	null	null	null
184071	171399	null	null	null	null
28817	30192	AW550203	null	null	Mm.102919
33001	38857	AW547240	TC188349	null	Mm.27366
75957	100587	AW547303	TC157505	null	Mm.100837
64711	54072	AW547394	TC210050	null	Mm.18415
0	0	AW547491	TC160264	null	Mm.22687
76450	77813	AW547249	TC201858	null	Mm.29620
169422	97232	AW547327	null	null	Mm.102832
0	0	null	null	null	null
70609	50748	AW547528	TC200859	tetraspan TM4SF	Mm.46701
0	0	AW548801	TC160651	null	Mm.27213
27005	18286	null	null	null	null
471628	424583	AW548945	TC200324	null	Mm.1571
0	0	AW549116	null	null	null
13182	13103	AW548822	TC207994	null	Mm.102877
139563	131350	AW548903	TC190403	null	Mm.40298
1824947	1179947	AW549049	TC187234	null	Mm.46316
0	0	AW548958	TC159256	null	Mm.69021
0	0	AW550270	TC187556	tenascin precursor	Mm.980
0	0	AW550432	TC201374	null	Mm.32185
75511	30089	AW550531	null	null	Mm.4322
83425	82822	AW550285	TC174798	eIF4E-like protein 4E-LP	Mm.3002
26757	23529	AW550473	TC177227	null	Mm.92904
0	0	AW550547	TC199929	mismatch-specific thymine-DNA	Mm.88099
46329	53387	AW546890	TC190342	attractin	Mm.11677
521306	288380	AW546997	TC173541	null	Mm.353
19971	23969	AW547071	null	null	null
533724	477236	AW547158	TC200324	null	Mm.1571
149751	230232	AW546921	TC159822	precursor polypeptide (AA -26	Mm.15889
156985	128345	AW547029	TC173773	null	Mm.24312
1822859	2221670	AW547097	null	null	null
70384	49184	AW547189	TC189387	null	Mm.29257

78815	82652	AW548438	null	null	null
0	0	null	null	null	null
15824	24381	AW548635	TC203548	null	Mm.32041
0	0	AW548723	TC162431	null	Mm.2967
184339	207751	AW548471	TC157636	CLCP	Mm.29524
36652	31900	AW548549	TC159104	null	Mm.2204
17688	22079	null	null	null	null
208809	104379	AW548742	TC174109	glutathione transferase	Mm.2662
37578	116535	AW549905	TC159636	alpha-globin	Mm.16820
96361	88035	AW549977	TC188045	null	Mm.45197
1703131	1623272	AW550058	null	null	Mm.102913
2843321	2366876	AW550180	null	null	null
0	0	AW549914	null	null	Mm.102906
332830	340569	AW550000	TC203012	null	Mm.28843
264485	240295	AW550092	TC161386	null	Mm.30229
198365	181919	AW550204	null	null	Mm.102920
192105	177167	AW547242	TC159675	chromosome segregation protein	Mm.23922
17067	19405	AW547305	TC204934	null	Mm.32786
21732	13412	AW547403	TC166352	pituitary adenylate cyclase-ac	Mm.44245
0	0	AW547494	TC199640	null	Mm.102834
90841	85314	AW547259	TC186985	null	Mm.35779
59080	39620	AW547331	null	null	null
60607	46975	AW547426	TC202864	p68	Mm.2994
61894	77628	AW547534	TC200407	U5-116kD	Mm.873
146020	158900	AW548802	TC200297	null	Mm.29915
0	0	AW548883	null	null	null
1271615	785374	AW549033	TC157592	E25B protein	Mm.4266
126369	130306	AW549118	TC186848	inhibitory G protein of adenylyl	Mm.4284
178827	160468	AW548823	TC173393	Sec61 protein complex gamma su	Mm.1164
567579	711828	AW548906	TC200021	null	Mm.43749
192539	164540	AW549051	TC187888	null	Mm.28486
12117	26345	AW550271	TC200561	OSF-1	Mm.3063
199035	151516	AW550434	TC176343	null	Mm.21989
0	0	null	null	null	null
48111	45127	AW550286	TC163192	null	Mm.34008
117990	121489	AW550331	TC173560	Ah receptor-interacting protei	Mm.10433
61332	47391	AW550475	null	null	Mm.711
169847	142243	AW550548	TC157440	null	Mm.73841
144001	191831	AW546893	TC187962	null	Mm.28659
1381323	930266	AW546998	TC175760	bone morphogenetic protein	Mm.27757
42122	40328	AW547076	TC160726	null	Mm.33830
61033	31529	AW547166	TC200637	null	Mm.24805
0	0	AW546923	TC164506	null	Mm.44530
243713	271708	AW547035	TC200559	null	Mm.86398
90148	77531	AW547098	TC176255	null	Mm.23706
0	0	AW547192	TC159442	embryonic alpha-like globin	Mm.545
221040	491596	AW548440	null	null	Mm.102864
73549	59093	null	null	null	null
289172	283040	AW548637	TC161426	null	Mm.22414
509299	489878	AW548730	TC186750	protein tyrosine phosphatase	Mm.28909
201475	249211	AW548472	TC186399	ribosomal protein S8	Mm.3381

37927	43362	AW548552	null	null	null
228067	179829	AW548671	TC202401	null	Mm.491
0	0	AW548747	TC176965	null	Mm.25506
136048	224546	AW549906	TC161105	null	Mm.26870
266083	246694	AW549980	TC201556	null	Mm.30233
288431	202727	null	null	null	null
40298	39269	AW550189	TC192133	null	Mm.69919
91028	89580	AW549916	TC201038	null	Mm.46229
42749	29922	AW550005	TC187189	null	Mm.18589
225162	278865	AW550094	TC160078	cyclin A	Mm.4189
6058	7716	AW550210	null	null	null
296113	376071	AW547244	TC159808	Csa-19	Mm.2424
33212	22370	AW547306	TC190270	C1q C chain	Mm.3453
74659	68222	AW547406	TC190935	null	Mm.37720
106626	147085	AW547496	TC196299	null	null
73974	58969	AW547265	null	null	null
128428	113446	AW547332	TC163560	BH-protocadherin-a	Mm.11964
86716	71941	AW547431	TC158378	null	Mm.46719
58630	43777	AW547545	null	null	null
77926	142038	AW548804	TC187076	null	Mm.26116
21270	10841	null	null	null	null
348654	304163	AW549035	TC158364	Rab11b	Mm.35727
131972	115246	AW549119	TC186558	RIE2	Mm.30051
657056	817805	AW548907	TC186383	QM protein	Mm.43239
239643	236367	AW549054	TC189397	null	Mm.21695
36156	40218	AW548973	TC204306	null	Mm.33650
67897	66785	AW550275	TC202030	null	Mm.12539
152881	113214	AW550445	null	null	null
164117	136965	AW550535	null	null	null
34900	36264	AW550287	TC161762	null	Mm.3906
40382	27275	null	null	null	null
185599	146295	AW550483	TC202672	null	Mm.33622
14123	14658	AW550553	TC176990	null	Mm.35241
263370	204796	AW546896	null	null	null
384916	322806	AW546999	TC160090	epididymal secretory protein	Mm.29454
309758	267769	AW547080	TC158520	actin binding protein ShroomS	Mm.46014
88371	105060	AW547174	null	null	null
98773	78929	AW546930	null	null	null
158143	123653	AW547037	TC189398	null	Mm.25627
1830061	2283193	null	null	null	null
12687	12431	AW547193	null	null	null
93547	51617	AW548454	TC173235	H+ ATP synthase	Mm.258
81255	98743	AW548527	TC190042	null	Mm.22448
431418	452571	AW548647	TC200549	null	Mm.23014
244102	333413	AW548734	TC203587	V1a arginine vasopressin recep	Mm.4351
57835	76723	AW548472	TC186399	ribosomal protein S8	Mm.3381
300873	263719	AW548553	null	null	null
86405	105269	AW548674	TC189007	RAD50	Mm.4888
506204	427575	AW548748	TC199965	null	Mm.24600
364410	397534	AW549909	TC159777	null	Mm.2795
59817	65681	AW549987	TC159241	B	Mm.35708

71118	68099	AW550069	TC186783	null	Mm.28067
102975	91315	AW550192	TC162039	unnamed protein product	Mm.2478
130776	111934	AW549921	TC207809	null	null
409628	362205	AW550007	TC175547	pecanex 1	Mm.86584
262353	241556	AW550108	TC177571	null	Mm.41732
617186	497077	AW550213	TC187428	N-acetylglucosaminyltransferas	Mm.2672
24600	30834	AW547245	null	null	Mm.102830
142552	131117	AW547310	TC162733	null	Mm.13112
10652	6096	AW547407	null	null	null
146795	194393	AW547514	TC173841	poly(A) binding protein II	Mm.7723
272490	283111	AW547266	TC158819	fibronectin	Mm.87581
205631	148635	AW547335	null	null	null
73581	65185	AW547435	TC202298	null	Mm.28446
44434	58050	AW547546	TC186653	peroxisomal membrane protein 2	Mm.30215
178460	179400	null	null	null	null
64728	83071	AW548890	TC173606	RRM-type RNA-binding protein P	Mm.29966
210166	233783	AW549040	TC160835	heterogeneous nuclear ribonucl	Mm.24718
92656	176746	AW549121	TC200264	HMG-14 (AA 1-96)	Mm.2756
947989	1087503	AW548907	TC186383	QM protein	Mm.43239
43511	33811	AW549069	null	null	null
63661	49080	AW548978	null	null	null
64980	53215	AW550279	TC161867	G/T-mismatch binding protein	Mm.18210
0	0	AW550452	TC202711	TLSF-beta precursor	Mm.465
89197	79976	AW550537	TC187184	null	Mm.102929
109105	118657	AW550288	TC200092	null	Mm.29676
19269	14400	null	null	null	null
103241	127644	AW550562	TC175767	null	Mm.12790
150938	117098	AW546906	TC201817	phospholipase C delta-1	Mm.23963
179715	108834	AW547023	TC201300	null	Mm.29933
252755	246206	AW547084	TC188310	null	Mm.5458
478279	612516	AW547185	TC157654	null	Mm.16423
59268	46729	AW546934	TC162105	null	Mm.28498
0	0	AW547045	TC157623	protein phosphatase 2A B'alpha	Mm.3785
0	0	AW547107	TC201428	null	Mm.23823
160061	200040	AW547199	null	null	null
153617	109102	AW548460	TC175010	null	Mm.34046
688741	809256	AW548530	TC204517	null	Mm.61533
0	0	AW548653	TC160026	tetraspanin membrane protein C	Mm.4426
116060	139711	AW548735	TC161024	null	Mm.35828
67175	55156	AW548478	null	null	null
476291	1034676	AW548558	null	null	Mm.102868
94511	77621	AW548677	null	null	null
300489	280194	AW548750	TC160512	null	Mm.30256
295523	277707	AW549911	TC160666	RNA-binding protein staufen	Mm.41650
28362	33582	AW549990	null	null	null
484759	2323659	AW550072	null	null	null
326200	324164	AW550195	TC188916	null	Mm.41349
70193	74083	AW549923	null	null	Mm.102907
468801	468156	AW550008	TC206388	null	null
882478	925472	AW550115	null	null	Mm.102914
9827	8700	AW550222	TC164367	adrenocorticotropin receptor	Mm.41498

80669	91796	AW547246	TC201339	null	Mm.30083
340890	213803	AW547313	TC188732	null	Mm.23572
0	0	AW547411	null	null	null
181104	227972	AW547517	TC187038	Sm-D autoantigen	Mm.603
337351	264195	AW547268	TC173256	null	Mm.21207
138538	118113	AW547338	TC188387	null	Mm.25720
46363	36307	AW547438	TC191942	null	Mm.30646
0	0	AW547548	TC162678	parp-2 gene	Mm.5728
54400	61774	AW548816	TC195836	null	Mm.102876
85369	87986	AW548894	TC187900	null	Mm.28111
711866	480489	AW549041	TC186936	tetraspanin TM4-A homolog	Mm.28484
49334	43018	AW548948	TC163401	null	Mm.31650
52484	48558	AW548832	null	null	null
412294	499855	AW548907	TC186383	QM protein	Mm.43239
33700	33159	AW549073	null	null	null
21519	24155	AW548980	TC175662	null	Mm.39364
57334	57709	AW550283	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
44425	109488	AW550459	TC184130	null	Mm.102927
120285	91914	AW550539	TC187595	null	Mm.27282
458723	433090	AW550291	null	null	null
220468	233492	AW550335	TC173391	polyhomeotic 2	Mm.14198
132438	136820	AW550491	TC188072	null	Mm.38854
130119	220417	AW550564	TC160312	null	Mm.28291
41788	51813	AW546912	TC199250	null	Mm.102822
608627	578548	AW547026	TC175675	null	Mm.3986
122607	101487	AW547091	TC164972	null	Mm.44279
403691	575658	AW547185	TC157654	null	Mm.16423
117902	177113	AW546935	TC200593	null	Mm.3856
479727	515897	AW547046	TC162314	protein kinase	Mm.9287
581966	327093	AW547111	null	null	Mm.3776
582807	769431	AW547204	TC200132	null	Mm.22723
117334	130149	AW548461	TC173737	Ring3	Mm.3444
279369	515841	AW548540	TC174154	SIK similar protein	Mm.10303
14806	9303	AW548660	null	null	null
97415	93011	AW548737	TC159661	null	Mm.4792
219028	320038	AW548482	TC186439	ribosomal protein L21	Mm.29896
302941	399790	AW548567	null	null	null
313397	432599	AW548681	TC159935	matrin3	Mm.25575
227124	211987	AW548757	TC200914	null	Mm.22710
0	0	null	null	null	null
148257	297589	AW549993	TC188594	null	Mm.41657
1610895	1999603	AW550084	TC188893	null	Mm.8162
34356	49075	AW550196	TC177036	null	Mm.37607
468276	494114	AW549924	null	null	null
255232	315323	AW550019	null	null	Mm.102910
79774	72723	AW550121	null	null	null
120652	94164	AW550225	TC203556	null	Mm.102921
531728	601446	AW547247	TC187200	null	Mm.27769
218760	159625	AW547316	TC166307	null	Mm.37867
105379	155471	AW547412	null	null	null
75572	72325	null	null	null	null

217480	144321	AW547270	TC187226	null	Mm.36768
35439	52112	AW547343	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
66595	52352	AW547441	TC157966	null	Mm.104186
1946041	1248673	AW547555	null	null	null
173188	228432	AW548819	TC174236	null	Mm.28259
108548	147261	AW548899	TC201359	null	Mm.41918
52332	81448	AW549044	TC161127	SPARC-related protein	Mm.27643
1310022	1109327	AW548955	TC200108	tropomyosin isoform 2	Mm.646
137414	135717	AW548833	TC160261	null	Mm.21126
1850833	2310553	AW548910	null	null	null
106694	118701	AW549074	TC189233	coding region determinant bind	Mm.12919
123430	143964	AW548994	TC164027	null	Mm.46520
0	0	AW550284	null	null	null
559387	607724	AW550463	TC173306	ATF4	Mm.641
244267	361740	AW550540	null	null	null
140424	129948	AW550292	TC202703	null	Mm.3285
39451	44943	AW550350	TC167291	null	null
767885	634413	AW550493	TC159557	diazepam-binding inhibitor	Mm.2785
55566	70013	AW550574	TC175112	null	Mm.99916
32560	31594	AW551444	TC163210	null	Mm.9129
66967	64314	AW551537	TC187055	CMP-N-acetylneuraminic acid sy	Mm.3820
436854	337889	AW551714	null	null	Mm.102960
85419	80450	null	null	null	null
0	0	AW551461	null	null	null
50947	42669	AW551588	TC161205	unnamed protein product	Mm.29749
23286	24031	AW551591	null	null	null
291697	606015	null	null	null	null
0	0	AW552396	TC161194	ubiquitous alpha-2,3-sialyltra	Mm.24068
20881	19488	AW552447	TC189175	null	Mm.25410
88031	88267	AW552319	null	null	null
24636	16806	AW552368	TC201121	null	Mm.28679
108752	73438	AW552411	TC160605	ECH1p	Mm.2112
47281	43053	AW552458	TC201201	null	Mm.28792
55904	52951	AW552339	TC174179	transcription factor p65	Mm.28170
85720	87020	AW552491	TC187389	null	Mm.34060
42590	54873	AW553290	null	null	null
30139	27775	AW553340	TC157249	null	Mm.23141
68646	108023	AW553387	null	null	Mm.103050
20620	21444	AW553445	null	null	Mm.31436
60458	63151	AW553309	null	null	null
18303	12139	AW553353	null	null	Mm.88749
167283	164606	AW553405	TC200508	ubiquitin activating enzyme E1	Mm.1104
17750	16473	AW553454	TC161884	protoporphyrinogen oxidase	Mm.4730
22542	20949	AW551754	TC190988	prostaglandin E receptor EP2 s	Mm.4630
0	0	AW551814	TC170718	null	Mm.102971
71517	59583	null	null	null	null
117703	89866	AW551901	null	null	null
54909	30605	AW551766	TC197569	null	Mm.102968
0	0	AW551822	TC200388	[Mouse TIS11 primary response	Mm.18571
215561	228394	AW551867	TC174624	smooth muscle LIM protein	Mm.2020
38948	23531	AW551910	TC193295	null	Mm.102977



0	0	AW552535	TC157237	null	null
0	0	AW552583	null	null	Mm.103008
475626	424105	AW552656	null	null	null
59837	61000	AW552700	null	null	Mm.103010
185304	136484	AW552551	TC190457	null	Mm.86394
81877	67392	AW552599	TC161046	null	Mm.30264
59261	58824	AW552668	TC157785	latexin	Mm.2632
0	0	AW552721	TC160548	null	Mm.28454
0	0	AW553483	TC160570	truncated tyrosine kinase rec	Mm.4394
0	0	AW553537	null	null	null
107968	148013	AW553586	TC203626	null	Mm.103057
0	0	AW553629	TC174701	null	Mm.29408
176568	250328	AW553502	TC173053	pro-alpha-2(I) collagen	Mm.4482
49186	98321	AW553554	TC158356	E1B 19K/Bcl-2-binding protein	Mm.2159
127603	157393	AW553597	null	null	null
169768	158251	AW553641	null	null	Mm.103060
97931	130588	AW551445	TC166899	null	null
280183	321826	AW551549	null	null	null
0	0	AW551715	null	null	null
18104	13741	AW551646	null	null	null
46306	43028	AW551463	TC175707	null	Mm.61901
518040	286639	AW551675	TC160238	DnaJ-like protein	Mm.27897
152724	138493	AW551593	null	null	Mm.102961
108416	165004	AW551658	TC173603	null	Mm.41565
85761	98822	AW552397	TC173227	PTB-associated splicing factor	Mm.43213
22022	15475	AW552448	TC161517	unnamed protein product	Mm.31244
23487	21030	AW552320	null	null	Mm.102998
29864	35442	AW552373	TC203464	caspase-12	Mm.42163
177024	142746	AW552412	TC173358	null	Mm.7091
92306	82833	AW552459	TC175966	null	Mm.3824
31001	23759	AW552340	null	null	Mm.102999
68636	76597	AW552496	null	null	null
24431	23003	AW553298	TC203053	null	Mm.33033
19686	20376	AW553343	TC158277	galectin-7	Mm.20973
21031	17469	AW553388	TC199024	null	Mm.103051
94757	73603	null	null	null	null
98329	75443	AW553310	TC161609	null	Mm.7703
104837	77011	AW553355	null	null	null
31513	32495	AW553407	TC208653	null	Mm.103053
34540	29686	null	null	null	null
457581	459423	AW551760	null	null	Mm.14747
0	0	AW551815	TC161361	ALY	Mm.1886
184341	105856	AW551853	TC174788	null	Mm.21184
807605	685476	AW551902	null	null	null
72973	76667	AW551770	TC197572	null	Mm.102970
28354	21181	AW551823	TC173199	null	Mm.4566
516220	551810	AW551869	TC189531	null	Mm.27249
242625	198683	AW551911	TC187199	null	Mm.28327
51956	52236	null	null	null	null
0	0	AW552585	TC186988	unknown	Mm.29490
376113	310625	AW552657	null	null	null

1246979	1237079	AW552701	null	null	Mm.15571
0	0	AW552553	TC196403	null	Mm.103005
8256	8922	AW552604	TC163799	null	Mm.24508
24044	17030	AW552669	TC201519	null	Mm.29655
0	0	AW552722	TC175207	null	Mm.69051
59135	54449	AW553484	TC188495	null	Mm.20148
88551	67770	null	null	null	null
56922	48614	AW553587	TC202081	null	Mm.27553
0	0	AW553632	TC173191	null	Mm.3328
40047	32579	AW553505	TC188098	microfibril-associated glycopr	Mm.7386
334090	184246	AW553555	TC157620	enhancer of polycomb	Mm.20828
689482	371865	AW553600	TC200617	null	Mm.31051
152531	142243	AW553642	TC161196	null	Mm.38789
349711	413028	null	null	null	null
139955	163751	AW551558	null	null	null
41539	28155	AW551717	TC176999	null	Mm.5769
0	0	AW551649	TC160841	null	Mm.29949
0	0	AW551464	null	null	null
14736	12290	AW551676	TC159118	null	Mm.36365
57890	54776	AW551596	TC191107	null	Mm.31567
250300	324852	AW551663	null	null	null
322459	255409	AW552398	TC200983	null	Mm.27509
105448	107220	AW552451	TC173192	null	Mm.22073
106842	84820	AW552332	TC163494	null	Mm.33125
194806	109493	AW552376	TC162279	null	Mm.4176
0	0	AW552415	TC160359	null	Mm.35753
93279	83140	AW552461	TC162000	null	Mm.24437
20582	25575	AW552347	TC177847	null	Mm.103262
113954	127021	AW552497	TC189403	null	Mm.41224
125602	78224	AW553303	TC186844	null	Mm.19834
180251	244988	AW553347	TC186986	sphingosine-1-phosphate phosph	Mm.28948
62921	54497	AW553398	TC179295	null	Mm.103052
514581	483000	AW553447	TC200961	serine proteinase inhibitor	Mm.2623
0	0	AW553311	null	null	null
461917	605397	AW553356	null	null	Mm.103048
112948	112741	AW553411	TC173465	p62	Mm.8256
91293	67773	AW553456	null	null	Mm.103537
45729	57992	AW551762	TC176457	null	Mm.38167
22209	19799	AW551816	TC161103	null	Mm.24646
769610	724317	AW551856	null	null	null
15643	8398	null	null	null	null
83289	69879	AW551772	TC157400	null	Mm.103597
164058	165374	AW551824	TC190090	CDV-1R protein	Mm.10125
71192	60201	AW551871	TC189397	null	Mm.21695
237772	254218	AW551916	TC174615	putative deubiquitinating enzy	Mm.36569
142754	124696	AW552541	TC202422	null	Mm.46006
47145	44217	AW552586	null	null	Mm.50754
146003	123102	AW552658	TC174531	null	Mm.29562
1028285	671156	AW552709	TC186695	brain protein 44-like protein	Mm.2576
19740	29894	AW552555	TC161516	NNX3	Mm.23997
2322043	1288537	AW552614	TC177174	null	Mm.27562

277664	161290	AW552671	TC162739	null	Mm.32821
53234	48154	AW552723	TC200247	null	Mm.27082
223498	158075	AW553485	TC189337	null	Mm.34888
606865	661214	AW553540	null	null	null
227680	249388	AW553588	TC160502	null	Mm.38816
215067	230914	AW553633	TC165095	null	null
156091	144100	AW553507	TC187970	null	Mm.81647
184442	214555	AW553559	TC158361	null	Mm.34847
56771	56397	AW553601	null	null	null
44668	36728	AW553643	TC187608	LZIP-1 and LZIP-2	Mm.12407
355009	304780	AW551451	TC173099	non-erythrocyte beta spectrin	Mm.3914
171289	227069	AW551564	TC187921	sid2057p	Mm.24231
56627	58308	AW551719	TC162485	null	Mm.22230
61958	41987	AW551651	TC161498	null	Mm.28476
286332	408475	AW551468	TC160153	null	Mm.29971
44074	33219	AW551677	null	null	Mm.102955
23742	16480	null	null	null	null
40655	48783	AW551665	TC174721	null	Mm.41903
174582	113575	AW552405	TC160692	null	Mm.29737
40999	32866	AW552452	TC175377	null	Mm.34012
115830	81178	AW552335	null	null	Mm.103387
703796	684997	AW552381	null	null	Mm.19101
156835	261222	AW552416	TC187111	pantophysin gene	Mm.25699
147210	143200	AW552462	TC160363	oligosaccharyltransferase	Mm.7236
46523	34337	AW552348	null	null	null
105716	67804	AW552499	TC202066	null	Mm.27064
5723	9959	AW553304	TC173455	Bach2	Mm.21908
24151	25068	AW553348	TC166355	null	Mm.22900
193019	158765	AW553401	TC201279	null	Mm.27302
62264	55659	AW553451	TC200632	null	Mm.28910
86933	75702	AW553312	null	null	Mm.103045
102892	106088	AW553358	TC187287	null	Mm.30023
9435	7742	AW553412	null	null	null
181925	165477	AW553458	TC189420	null	Mm.30744
260698	251280	AW551763	TC188753	null	Mm.38490
106645	137091	AW551817	TC173729	deletion target in pancreatic	Mm.100399
89655	83527	AW551857	TC164548	null	Mm.40844
182322	138844	AW551906	TC200149	lactate dehydrogenase-B (AA 1-	Mm.9745
352222	403281	AW551776	TC174375	null	Mm.29909
32359	25758	AW551825	null	null	Mm.102973
302505	261798	AW551872	TC201195	arylhydrocarbon receptor	Mm.4452
681720	751572	AW551918	TC186500	ubiquitin conjugating enzyme U	Mm.3268
41444	32232	AW552542	TC187471	null	Mm.25849
32248	33457	AW552587	TC175067	null	Mm.45894
240004	174274	AW552662	TC186854	null	Mm.1479
473497	404563	AW552715	TC187465	null	Mm.37516
965168	520738	null	null	null	null
742807	428434	AW552623	TC157779	N-ras protein (AA 1-193)	Mm.734
499959	279373	AW552672	TC159666	subunit I of cytochrome c oxid	Mm.24786
58361	57912	null	null	null	null
327555	314743	AW553487	TC160863	null	Mm.28196

48636	32514	AW553541	TC176899	null	Mm.87267
78925	85254	AW553589	TC164123	null	Mm.44416
185357	180917	AW553637	TC175895	null	Mm.24670
228093	180202	AW553508	TC206403	null	Mm.100866
55568	42427	AW553561	TC173556	null	Mm.542
47204	37451	AW553602	TC161470	null	Mm.41406
189219	235018	AW553645	TC174887	putative basolateral Na-K-2Cl	Mm.4168
293220	275913	AW551452	TC201361	null	Mm.46282
453257	397157	AW551574	TC160056	nucleic acid binding protein	Mm.111
0	0	AW551720	null	null	null
526955	509713	AW551653	TC160008	palmitoyl-protein thioesterase	Mm.43660
0	0	AW551470	TC190283	null	Mm.32616
262878	304155	AW551678	TC173877	imidazoline receptor I-1-like	Mm.22330
109690	112490	AW551604	TC202350	null	Mm.45193
0	0	AW551667	TC157243	null	Mm.104211
284355	165056	AW552406	TC160053	null	Mm.12677
33770	28418	AW552454	TC160226	null	Mm.30143
22627	24201	AW552336	TC162275	null	Mm.27412
0	0	AW552479	null	null	null
125274	103979	AW552423	TC161160	null	Mm.27199
94114	109385	AW552463	TC175734	null	Mm.3010
72567	65344	AW552349	null	null	Mm.103000
850074	423016	AW552500	TC190177	null	Mm.18542
259334	84527	AW553305	null	null	Mm.103044
117528	89696	AW553350	TC177886	null	Mm.87501
0	0	AW553403	TC190932	null	Mm.44737
212357	185881	AW553452	TC202812	null	Mm.33376
360171	495342	AW553315	null	null	Mm.29911
594554	652300	AW553359	TC200256	thymic dendritic cell-derived	Mm.24847
49265	55177	AW553415	TC163476	null	Mm.31672
134346	186907	AW553460	TC160787	null	Mm.22119
74657	78421	AW551764	TC201573	null	Mm.3434
174715	155268	AW551819	null	null	Mm.102972
577195	572373	AW551862	TC200638	null	Mm.801
90967	93920	AW551907	null	null	null
500386	409331	AW551778	TC200063	null	Mm.25074
191875	190143	AW551827	TC164435	null	Mm.63382
108289	96720	AW551873	TC189945	null	Mm.41496
431131	437435	AW551919	TC187163	zinc finger protein 289	Mm.43636
22278	17442	AW552543	TC161622	replication factor C, 40kDa su	Mm.27855
806905	639765	AW552588	null	null	null
183310	242776	AW552664	TC160259	ATRX protein	Mm.34371
120972	123434	AW552716	TC173500	null	Mm.1298
22910	11086	AW552556	null	null	null
60937	70663	AW552630	TC161442	null	Mm.44189
37242	37016	AW552673	TC202696	null	Mm.26040
36872	32439	AW552725	TC202287	null	Mm.28297
393319	349841	AW553490	TC200670	null	Mm.22721
77364	70093	AW553548	TC176573	null	Mm.23853
63773	62144	null	null	null	null
213254	261856	AW553639	TC188449	null	Mm.29391

308373	244587	AW553509	null	null	null
393155	407478	AW553563	TC201497	null	Mm.5772
113032	89841	AW553603	TC174786	null	Mm.26587
49224	51958	AW553646	null	null	null
186720	209134	AW551457	TC175570	null	Mm.29532
87456	90725	AW551586	TC174348	null	Mm.8766
352703	489467	AW551722	TC173333	null	Mm.30078
259199	288373	AW551655	null	null	null
2448333	2794014	AW551476	null	null	null
262880	233917	AW551682	TC176946	null	Mm.41424
415315	340648	AW551605	TC176368	null	Mm.946
98059	88774	AW551669	TC184026	null	null
20648	17541	AW552408	null	null	null
30567	16008	AW552455	TC170713	null	Mm.102996
145558	143734	AW552337	TC158923	unnamed protein product	Mm.28650
62066	72087	AW552486	TC186500	ubiquitin conjugating enzyme U	Mm.3268
92431	71479	AW552425	TC159406	null	null
148882	152467	AW552470	null	null	null
24363	27277	AW552350	TC204228	null	null
0	0	AW552501	null	null	null
868561	827937	AW553307	TC160098	capping protein alpha 2 subuni	Mm.3529
14891	13482	AW553352	TC192907	null	Mm.100665
21237	42028	AW553404	TC201172	origin recognition complex sub	Mm.29709
231708	225181	AW553453	null	null	null
20275	20308	AW553317	TC175246	cyclic AMP-specific phosphodie	Mm.101277
82236	108623	AW553361	TC201234	null	Mm.87598
83683	94507	AW553416	TC159413	C2F	Mm.6390
38607	17290	null	null	null	null
51142	48268	AW551765	null	null	null
254685	265946	AW551820	TC173998	null	Mm.21383
133483	141976	AW551863	null	null	null
607362	684288	AW551909	TC160754	null	Mm.29632
786425	1281213	null	null	null	null
603782	670117	AW551828	TC160522	HP1-BP74 protein	Mm.29822
261091	313628	AW551874	TC202901	null	Mm.45783
39801	24498	AW551922	TC179304	null	Mm.55681
108194	102934	AW552546	TC178210	retinaldehyde-specific dehydro	Mm.42016
30388	28476	AW552591	TC170712	null	null
73246	68790	AW552667	null	null	Mm.104510
30694	22179	AW552719	TC190125	null	Mm.103474
91672	121186	AW552558	null	null	Mm.22387
36136	55695	AW552631	TC189877	null	Mm.24834
60864	57186	AW552674	TC203812	null	Mm.32552
84596	139846	AW552727	TC173842	fatty acid synthase	Mm.3760
923122	924881	AW553491	TC161331	chloride channel CaCC	Mm.20897
37123	73548	AW553551	TC161556	null	Mm.30658
30674	35852	AW553592	TC161343	null	Mm.10223
243219	361377	AW553640	TC158238	tum- transplantation antigen P	Mm.13020
95946	79805	AW553511	null	null	Mm.10727
68730	81278	AW553564	null	null	null
577157	468013	AW553604	TC159664	uncoupling protein 2	Mm.12556

401725	394856	AW553651	null	null	Mm.103061
257018	260054	AW554223	TC200986	null	Mm.40888
34332	26972	AW554292	TC188088	ubi-d4	Mm.2651
162975	122988	AW554378	null	null	null
105999	72623	AW554424	null	null	Mm.103098
160507	134030	AW554240	TC160403	null	Mm.29697
58731	48750	AW554317	TC175181	null	Mm.18311
29470	29079	AW554387	TC174485	null	Mm.10118
27478	26097	AW554432	null	null	null
32129	37407	AW555202	TC158016	null	Mm.103131
68782	75846	AW555292	TC201188	cAMP-regulated phosphoprotein	Mm.27896
9474	12554	AW555355	TC207635	null	Mm.40229
45909	32714	AW555479	TC161032	beta-1,4-galactosyltransferase	Mm.6628
63907	57029	AW555213	null	null	null
738130	703976	null	null	null	null
152602	143067	AW555262	TC205007	null	Mm.80527
20855	14175	AW555490	TC192594	null	Mm.103140
69780	85183	AW556089	TC161596	null	Mm.31420
63428	76926	AW556148	TC180338	null	Mm.103167
200716	189942	AW556201	TC174453	null	Mm.29629
297431	382714	AW556234	null	null	null
132827	106755	AW556102	TC186660	null	Mm.27899
427759	341039	AW556161	TC189850	teashirt 2	Mm.28740
35424	30436	AW556208	TC196348	null	Mm.103541
34320	29185	AW556243	TC162104	null	Mm.41865
44979	58406	AW554486	TC200903	putative	Mm.3974
58202	40430	AW554537	TC186672	Fas activated serine/threonine	Mm.28123
0	0	null	null	null	null
0	0	AW554634	TC177457	null	Mm.28578
476480	399708	AW554507	null	null	null
115992	85909	AW554549	TC174665	null	Mm.29605
0	0	AW554590	TC184134	null	Mm.103105
412869	374647	AW555538	null	null	Mm.103143
0	0	AW555405	null	null	null
69287	76453	AW555561	TC202611	B-myb	Mm.4594
313727	242775	AW555609	TC189597	null	Mm.28338
36108	33604	AW555367	null	null	null
1223621	1242988	AW555429	TC182040	null	Mm.103146
1319641	963469	AW555574	TC174546	syntaxin 7	Mm.10818
314669	212965	AW555629	TC176688	putative zinc finger transcrip	Mm.38323
21203	17252	AW556285	TC187304	fibroglycan (syndecan-2)	Mm.29350
50867	47298	AW556335	TC202201	null	Mm.29038
0	0	AW556385	TC160541	p33ING1 protein	Mm.36840
60233	54591	null	null	null	null
0	0	AW556296	TC174827	null	Mm.34561
0	0	AW556345	TC204630	null	Mm.26037
4380	4614	AW556394	null	null	Mm.103227
6285	5244	AW556467	TC159166	null	Mm.86550
81351	72355	null	null	null	null
63645	74727	AW554297	TC187462	alpha-2 protein	Mm.29052
23408	13360	AW554381	TC173496	carboxypeptidase E	Mm.43603

57040	70859	AW554428	null	null	null
70698	62776	AW554244	TC162113	Rho-guanine nucleotide exchang	Mm.4620
0	0	AW554324	null	null	null
335258	220340	AW554391	null	null	Mm.103095
93043	77284	AW554434	TC173141	monoclonal nonspecific suppres	Mm.4890
821789	918136	AW555204	TC159418	thymosin beta-4a (AA 1 - 50)	Mm.22566
11872	11997	AW555297	TC176805	null	Mm.27824
74915	92133	AW555356	TC176955	null	Mm.27872
122181	106312	AW555480	TC187070	null	Mm.719
437812	543941	AW555214	null	null	null
25800	28732	AW555307	TC159117	proliferation potential-relate	Mm.4480
0	0	AW555443	null	null	null
266660	282992	AW555492	null	null	null
21471	21194	null	null	null	null
706008	570003	AW556150	TC189909	HCMV-interacting protein	Mm.29022
897024	921374	AW556203	TC173288	S-adenosylmethionine decarboxy	Mm.7880
1239686	1176097	AW556235	TC201598	null	Mm.24414
422336	431487	AW556105	TC174184	null	Mm.28594
220498	209882	AW556162	TC211198	null	Mm.103135
901267	669555	AW556209	TC187313	null	Mm.28258
200517	166439	AW556246	TC204786	null	Mm.82922
0	0	AW554487	TC162961	Na <sup>+</sup> /H <sup>+</sup> exchanger	Mm.4312
169261	151440	AW554538	TC187924	PDGF receptor precursor	Mm.4146
62713	37652	null	null	null	null
19888	25861	AW554637	TC187833	y+LAT1a	Mm.20906
60644	57280	AW554508	TC161206	p38b	Mm.88331
990284	694284	null	null	null	null
250538	187666	AW554591	TC200179	glutamate dehydrogenase (NAD(P	Mm.10600
0	0	AW554621	TC160389	null	Mm.29363
385469	380903	AW555360	TC160525	null	Mm.26614
0	0	null	null	null	null
110727	126581	null	null	null	null
0	0	AW555620	TC196946	null	Mm.103149
1446751	1691945	AW555368	TC170692	null	Mm.103145
551472	509284	AW555430	TC160138	null	Mm.7780
426327	361817	AW555575	TC202896	null	Mm.87142
611642	599031	AW555630	null	null	null
27692	20213	AW556287	null	null	Mm.103174
46529	49546	AW556338	TC175168	null	Mm.41264
25823	27891	AW556386	TC162146	null	Mm.22922
0	0	AW556445	null	null	null
114166	120996	AW556297	TC187078	calcineurin	Mm.525
0	0	AW556348	TC166552	null	null
0	0	AW556395	TC158885	ornithine decarboxylase antizy	Mm.683
53580	43028	AW556473	TC187761	MPR300/IGFII receptor	Mm.2938
50703	54048	AW554225	TC184142	null	Mm.103090
237807	269526	AW554302	TC186837	antigen	Mm.2956
22351	20441	AW554382	TC160119	alpha-1,6-fucosyltransferase	Mm.35628
15676	15557	null	null	null	null
132500	110541	AW554246	TC187592	null	Mm.10623
13270	6279	AW554325	TC187571	null	Mm.28524

0	0	AW554436	TC160619	protein-tyrosine-phosphatase	Mm.26166
85406	76607	AW555207	TC174820	null	Mm.29634
101886	87646	AW555299	TC187175	null	Mm.86591
55698	43040	AW555358	TC200788	ABC transporter	Mm.22759
142411	173767	AW555481	TC202111	null	Mm.28500
772063	582351	AW555228	TC202904	null	Mm.26147
30609	29378	AW555308	TC158759	null	null
523998	487809	AW555444	null	null	Mm.103138
212778	193507	AW555494	null	null	Mm.103141
798859	829349	AW556091	null	null	Mm.103166
1712044	1997754	AW556153	null	null	Mm.1139
1541853	1619958	AW556204	TC159857	null	Mm.25298
542138	512447	AW556238	TC175891	null	Mm.23222
160465	145459	AW556109	TC173897	null	Mm.28350
572869	487710	AW556167	TC180337	null	null
1072061	797168	AW556210	TC189079	null	Mm.41767
519362	618971	null	null	null	null
40300	46686	AW554491	TC187386	null	Mm.21082
220278	440806	AW554541	null	null	null
315692	163146	AW554576	TC191535	null	Mm.103104
23872	19169	AW554638	TC184137	null	null
56411	64813	AW554510	TC187353	carnitine palmitoyltransferase	Mm.18522
312749	199975	null	null	null	null
952294	610064	AW554592	null	null	null
127238	145868	AW554622	TC211335	null	null
188354	179662	AW555361	TC189897	null	Mm.35279
61616	49165	AW555408	null	null	null
903861	666959	AW555565	TC160308	zyxin	Mm.4895
2381475	2597874	AW555623	TC159737	surfeit 3 protein	Mm.725
1369360	863347	AW555369	TC187262	null	Mm.28422
238893	230828	AW555434	TC207638	null	Mm.103570
2770253	3647842	AW555577	TC157604	M-TAXREB107	Mm.588
240525	204311	AW555631	TC187628	null	Mm.28063
186683	156265	AW556289	TC158429	null	Mm.41272
236622	232095	AW556339	TC161271	null	Mm.24181
367064	309132	AW556389	TC187002	capping protein beta-subunit,	Mm.2945
95537	142817	AW556448	TC160870	Dkk-3 protein	Mm.21894
71516	66357	AW556301	TC174940	null	Mm.23030
353409	301080	AW556349	TC189150	null	Mm.89923
991511	961465	AW556396	TC173885	null	Mm.33832
15318	13855	AW556475	TC190277	null	Mm.24465
61527	53716	AW554226	TC179516	null	Mm.78069
117697	135230	AW554311	null	null	null
139325	101411	AW554383	TC175531	xeroderma pigmentosum group C	Mm.2806
88261	309367	AW554429	TC189826	null	Mm.45889
32879	26401	AW554248	TC174080	null	Mm.27947
1804909	964115	AW554328	TC160254	null	Mm.24170
64072	60008	AW554393	TC174910	null	Mm.27133
884624	545493	AW554438	null	null	null
276067	312527	AW555209	null	null	null
132606	93836	null	null	null	null



286990	309906	AW555251	TC196341	null	Mm.103137
264170	338140	AW555482	TC174915	null	Mm.11787
326639	248718	AW555234	null	null	null
33824	25861	AW555311	TC175866	null	Mm.19077
274730	398565	AW555447	TC168791	null	Mm.55480
85991	93979	AW555495	TC201401	null	Mm.28821
104927	105087	AW556094	TC173539	null	Mm.21854
1889619	1794130	AW556156	TC174768	laminin B1	Mm.963
2889608	3163722	AW556206	TC159469	heat shock protein 84	Mm.2180
1651849	2111794	AW556241	TC159477	ribosomal protein L7	Mm.37835
220042	205130	null	null	null	null
86425	71793	AW556170	null	null	null
167882	218316	AW556211	TC170700	null	Mm.103171
193378	173400	AW556250	TC162187	null	Mm.2489
47262	84567	AW554493	TC203613	null	null
230449	283353	AW554542	TC161495	null	Mm.27819
114675	104587	AW554577	TC161553	protein tyrosine phosphatase	Mm.1484
169277	243735	AW554615	TC175987	null	Mm.45770
182286	170068	AW554513	TC194112	null	Mm.103103
487648	245618	AW554551	TC173244	angiotensin II AT2 receptor-in	Mm.28951
641943	436864	AW554593	TC164018	null	Mm.26479
431624	364604	AW555362	TC163774	null	Mm.31901
632990	478623	AW555411	TC201818	null	Mm.33881
1106441	970991	AW555568	TC174045	null	Mm.29159
2378148	2569149	AW555623	TC159737	surfeit 3 protein	Mm.725
469756	287403	AW555373	TC200622	short coiled coil protein SCOC	Mm.24763
830672	702004	AW555437	null	null	null
844202	956955	AW555577	TC157604	M-TAXREB107	Mm.588
433373	705087	AW555633	null	null	null
7437	7547	AW556290	TC167069	null	Mm.103175
735370	752555	AW556341	TC201775	null	Mm.30015
56157	60232	AW556390	null	null	null
148016	216455	AW556459	TC163333	null	Mm.71128
36482	30036	AW556305	TC204778	null	Mm.25837
79672	62223	AW556352	null	null	null
0	0	AW556401	null	null	null
300736	229359	AW556478	null	null	null
312785	246496	AW554229	TC200756	DNA topoisomerase IIalpha	Mm.4237
71653	68801	AW554312	null	null	null
1648149	1172004	AW554430	TC203774	null	Mm.27238
0	0	AW554249	TC175509	null	Mm.41133
0	0	AW554331	TC160615	bmi-1	Mm.7719
0	0	AW554439	null	null	Mm.103099
97584	75809	null	null	null	null
31925	27366	AW555301	TC191408	null	Mm.17697
141898	117146	null	null	null	null
118421	120897	AW555485	TC186888	null	Mm.22565
245824	207853	AW555235	TC174239	null	Mm.22336
0	0	AW555315	null	null	Mm.83816
206126	120264	AW555448	TC202026	null	Mm.21759
78374	31147	AW555499	TC203129	null	Mm.100167

106533	132091	AW556097	TC186876	FK506 binding protein	Mm.20943
0	0	null	null	null	null
0	0	AW556206	TC159469	heat shock protein 84	Mm.2180
506946	486527	AW556241	TC159477	ribosomal protein L7	Mm.37835
0	0	AW556114	TC175701	null	Mm.28184
640177	606729	AW556171	TC165065	null	Mm.21270
607621	472955	AW556212	TC200784	protein-tyrosine-phosphatase	Mm.29855
200782	130303	AW556252	TC158818	null	Mm.87581
175162	239942	AW554498	null	null	Mm.103101
23023	22553	AW554543	TC199966	null	Mm.21953
260011	257071	AW554579	TC158995	EMeg32 protein	Mm.41304
152644	166586	AW554618	TC194103	null	Mm.103107
363444	346635	AW554516	null	null	null
63913	60332	AW554552	TC173886	null	Mm.3479
863782	575820	AW554594	TC163983	null	Mm.41146
140130	128687	AW555365	TC201078	null	Mm.17804
184622	176051	AW555412	TC210233	null	Mm.66264
1838703	1493732	AW555570	TC186782	null	Mm.27112
386178	333756	AW555624	null	null	Mm.103150
129842	117725	AW555374	TC202364	hypothetical protein	Mm.18845
2328421	1485511	AW555441	TC177857	null	Mm.24162
174706	176186	AW555578	TC175154	null	Mm.27762
2293899	1460155	AW555634	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
76647	68774	AW556291	TC189740	RDC1 orphan chemokine receptor	Mm.6522
447546	311632	AW556342	TC188739	null	Mm.34659
459212	594647	AW556391	TC159769	ribosomal protein L32-3A	null
77971	112607	AW556460	TC178355	null	Mm.23613
86942	75400	AW556306	TC200302	involved in signaling by the e	Mm.35677
59755	45129	AW556354	TC213291	null	null
98106	82342	AW556404	TC166521	null	Mm.34628
0	0	AW556481	TC167290	null	Mm.102931
0	0	AW554231	TC175113	null	Mm.40132
150035	146631	AW554315	TC203149	null	Mm.100676
228123	215521	AW554385	TC202664	null	Mm.38212
194001	195042	AW554431	null	null	null
88539	91795	AW554251	null	null	null
35270	29652	AW554337	null	null	null
77709	79652	AW554395	TC188265	null	Mm.18634
870438	573851	AW554440	null	null	null
663892	602471	null	null	null	null
418573	530275	AW555302	TC207640	null	Mm.103142
109927	104331	AW555257	null	null	null
85285	91650	AW555489	TC173124	null	Mm.21841
333126	245492	AW555236	TC161049	Bet1p homolog	Mm.23564
323586	286303	AW555320	TC201290	GTP binding protein	Mm.1597
33587	33180	AW555449	null	null	Mm.88717
278880	285942	AW555500	TC188571	null	Mm.29214
0	0	AW556098	TC162555	null	Mm.27340
182452	171093	AW556160	null	null	Mm.103168
2117104	2682462	AW556206	TC159469	heat shock protein 84	Mm.2180
354132	445075	AW556241	TC159477	ribosomal protein L7	Mm.37835

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269831	256908	null	null	null	null
1671372	2097892	AW556214	null	null	null
46489	46073	AW556253	TC182724	null	Mm.39181
82442	60845	AW554500	null	null	null
176336	163908	AW554545	TC161978	null	Mm.27309
437879	455980	AW554580	TC158310	PETA-3	Mm.30246
85375	75167	AW554619	null	null	null
68093	55650	AW554517	TC159732	winged-helix transcription fac	Mm.27157
0	0	AW554555	TC160381	null	Mm.28452
359222	245727	AW554595	TC159712	mouse RNA polymerase I 40kD su	Mm.80585
38715	40110	AW554648	TC201508	null	Mm.89832
164914	297592	AW555366	TC191257	null	null
2082466	2763234	AW555415	TC200030	BAP-135 homolog	Mm.22593
841221	892779	AW555571	TC190252	null	Mm.19440
88086	117991	AW555628	TC200785	carbonic anhydrase I	Mm.3471
1459071	1587210	AW555377	TC173699	copper binding protein	Mm.2573
89307	116855	AW555539	TC189544	null	Mm.24586
139551	187264	AW555584	TC178729	null	null
49090	64861	AW555635	TC160982	glypican-1	Mm.24193
0	0	AW556294	null	null	null
146627	150885	AW556344	TC162702	null	Mm.13146
368791	481677	AW556392	TC200886	null	Mm.41792
158086	287423	AW556465	TC187347	Rac GTPase-activating protein	Mm.27141
29567	30881	AW556307	TC203324	null	Mm.89568
85296	84075	AW556355	TC159114	null	Mm.100840
26784	25055	AW556406	TC189588	null	Mm.26500
86924	91681	AW556482	TC202223	null	Mm.41067
27798	26858	AW556985	TC209265	null	Mm.103210
22522	15644	AW557032	TC201363	JNK/SAPK-associated protein-1	Mm.43081
680194	707728	AW557091	TC176808	null	Mm.22778
217833	208659	AW557152	TC186981	null	Mm.28150
72987	71129	AW556999	TC187517	null	Mm.21214
32660	28743	AW557042	TC188995	null	Mm.40303
13142	14558	AW557102	TC187388	null	Mm.22372
13388	17017	AW557171	TC162324	null	Mm.20320
27734	29501	AW557979	null	null	Mm.103267
100814	101544	null	null	null	null
117402	120331	AW558100	TC202698	null	Mm.31417
18830	26249	AW558158	TC175203	null	Mm.28360
44544	33869	AW557989	null	null	null
321283	276097	AW558049	TC177077	null	Mm.27385
72175	65551	AW558115	TC192656	null	null
209078	151291	AW558170	TC173319	null	Mm.43640
0	0	AW558992	TC202226	null	Mm.6660
49622	48168	AW559036	TC174812	null	Mm.29429
308932	263716	AW559097	TC202467	spalt-like protein	Mm.39487
86266	96453	AW559147	TC173731	null	Mm.24042
162584	103270	AW559005	TC188950	null	Mm.27682
18054	14784	AW559047	null	null	null
79882	78833	AW559118	TC208205	null	Mm.103301

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27205	20978	AW557207	null	null	null
11989	8791	AW557279	TC203033	FL10	Mm.44634
1158488	1186263	AW557342	null	null	null
169532	145187	AW557424	TC203058	null	Mm.25180
44945	39061	AW557223	TC199982	null	Mm.21289
0	0	AW557297	null	null	Mm.38248
39527	31283	AW557382	TC202951	null	Mm.103396
19491	15893	AW557444	TC202956	null	Mm.9648
222548	185375	AW558206	TC205417	null	Mm.103277
0	0	null	null	null	null
30819	36692	AW558326	null	null	null
78621	61209	AW558370	TC175580	null	Mm.31837
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479476	342966	AW558029	TC173547	null	Mm.43162
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88726	78838	AW558051	null	null	null
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61355	78610	AW559006	TC176977	cell surface antigen	Mm.34408
53708	47023	AW559052	TC175485	collagen type IV alpha5 chain	Mm.49613
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263723	207872	AW557225	TC159093	Ku70	Mm.16147
74979	59257	AW557298	TC190041	null	Mm.34087
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84708	83549	AW558212	TC167083	null	null
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23595	5156	AW557108	TC189682	null	Mm.46786
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433374	218026	AW557449	TC175169	heme-binding protein	Mm.17249

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23963	21673	AW558377	null	null	null
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0	0	BE283254	null	null	null
32689	31515	BE308028	null	null	null
67401	62928	BE306682	null	null	null
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26170	19208	null	null	null	null
26781	24592	null	null	null	null
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797983	449464	AF159801	null	null	null
189774	84598	AF159803	null	null	null
0	0	X58149	null	null	null
818729	452397	U91966	null	null	null
1469618	395755	AF168390	null	null	null
960874	1428585	AF247559	null	null	null
769385	399617	X56062	null	null	null
3403650	597944	AF198054	null	null	null
487038	439963	AI835180	null	null	null

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100770	101485	AI836316	TC178515	null	Mm.35216
20182	14522	AI835201	TC201708	epsilon-sarcoglycan	Mm.8739
0	0	AI835278	TC176920	null	Mm.18929
148468	91608	AI836272	TC201360	null	Mm.11535
0	0	AI835440	TC204087	null	Mm.41646
429819	455481	AI836187	TC161666	NADPH-cytochrome P450 oxidored	Mm.3863
9707	11865	AI835616	null	null	Mm.7277
49746	44381	AI835788	TC188965	null	Mm.28073
16207	7861	AI835877	null	null	Mm.5293
6377	4671	AI835598	TC158548	null	Mm.2632
273387	253216	AI838375	TC157727	kinesin heavy chain	Mm.43696
0	0	AI835797	TC188655	null	Mm.27326
175446	86834	AI835884	TC159928	null	Mm.22514
790873	449940	AF159801	null	null	null
110201	45890	AF159803	null	null	null
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54284	34766	U91966	null	null	null
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1056560	1509057	AF247559	null	null	null
921247	520760	X56062	null	null	null
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218538	321299	AI836129	TC173217	HMG-17 protein (AA 1 - 90)	Mm.911
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0	0	AI839187	TC173496	carboxypeptidase E	Mm.43603
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134764	119149	AI835148	TC160706	null	Mm.27921
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63842	56147	AI836908	TC200524	chromatin nonhistone high mobi	Mm.4438
56242	52503	AI836692	TC161775	null	Mm.33637
161608	134091	AI839639	TC174238	null	Mm.18941
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49289	41283	AI836921	TC174286	null	Mm.24161
304538	136046	AI839629	null	null	Mm.30065
82986	74606	AI839642	null	null	Mm.39149
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35540	20283	AF159803	null	null	null
0	0	X58149	null	null	null
166587	112166	U91966	null	null	null
1050869	213094	AF168390	null	null	null
1201251	1715260	AF247559	null	null	null
531575	282782	X56062	null	null	null
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84983	118230	AI836264	TC159424	tissue inhibitor of metallopro	Mm.4871
10161	6113	AI836317	TC200505	null	Mm.24609

9749	9695	AI835204	TC187894	null	Mm.24104
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7083	5671	AI836273	TC182810	null	null
16793	11763	AI835971	TC204087	null	Mm.41646
17074	9153	AI836189	TC161253	null	null
167590	126689	AI835617	TC173533	protein kinase C inhibitor	Mm.425
28273	13251	AI835789	TC174650	null	Mm.25170
1473601	710409	AI835878	null	null	null
37990	33078	AI835599	TC201022	null	Mm.36879
38498	26519	AI835622	TC204116	null	Mm.2821
20369	14960	AI835801	TC201911	null	Mm.41578
63294	58708	AI835885	TC200933	null	Mm.41596
31809	16220	AF159801	null	null	null
92027	38246	AF159803	null	null	null
0	0	X58149	null	null	null
27897	13235	U91966	null	null	null
1634922	415056	AF168390	null	null	null
1366603	1995039	AF247559	null	null	null
815469	434652	X56062	null	null	null
2666960	521999	AF198054	null	null	null
0	0	AI836044	TC158965	phosphatidic acid phosphatase	Mm.39060
0	0	AI836119	null	null	null
0	0	AI835134	TC193187	null	Mm.40838
84072	86212	AI836323	null	null	Mm.3776
242158	222306	AI835088	TC159983	stress protein Herp	Mm.29151
0	0	AI836113	TC163617	Rigui	Mm.7373
2209512	1239052	not yet submitt	null	null	null
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24294	19511	AI836713	TC162972	null	Mm.34661
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499074	387093	AI836925	null	null	Mm.42498
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28502	20289	AI836721	TC175716	null	Mm.32961
352379	196108	AF159801	null	null	null
102808	48884	AF159803	null	null	null
53130	68047	X58149	null	null	null
1199545	682017	U91966	null	null	null
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1617158	2419111	AF247559	null	null	null
1015495	557410	X56062	null	null	null
1173205	287852	AF198054	null	null	null
17850	13033	AI835191	TC177481	PACSIN	Mm.4926
79671	80424	AI835272	null	null	Mm.5293
97082	113311	AI836265	TC208380	null	null
353036	277218	AI836319	null	null	Mm.40055
62438	71605	AI835206	TC162204	B61	Mm.15675
29893	28227	AI835280	TC206322	null	Mm.40602
35402	26980	AI836274	TC161634	null	Mm.8233

97078	76210	AI835972	null	null	null
99293	82402	AI835594	null	null	Mm.40377
114368	87907	AI836202	TC173388	superoxide dismutase 1, cyto	Mm.5274
0	0	AI835790	TC157724	myelin proteolipid	Mm.1268
39434	25836	AI835880	TC176189	F-box protein FBX13	Mm.44761
44090	41907	AI835600	TC188455	null	Mm.27187
533686	656719	AI835625	TC159467	ribosomal protein S6	Mm.1139
55699	36765	AI835809	TC200537	null	Mm.24564
0	0	AI835886	TC181579	null	Mm.39761
237148	125178	AF159801	null	null	null
35251	16922	AF159803	null	null	null
23244	32382	X58149	null	null	null
539041	319130	U91966	null	null	null
1272007	272927	AF168390	null	null	null
1515702	2067301	AF247559	null	null	null
1128194	605201	X56062	null	null	null
2903829	555784	AF198054	null	null	null
167061	140914	AI836045	TC188166	CDCREL-1 homolog	Mm.29976
29342	87187	AI835109	TC175971	unnamed protein product	null
21236	23320	AI835135	TC188173	null	Mm.46513
18810	16031	AI835460	TC187181	interleukin enhancer binding f	Mm.20935
23765	21263	AI836109	TC163270	null	Mm.11285
55897	33888	AI836114	TC175371	null	Mm.28954
24599	17484	AI835157	TC202809	neurogenic differentiation fac	Mm.4636
33655	30704	AI835470	TC157857	null	Mm.29509
40731	36600	AI835658	TC188004	null	Mm.25726
50424	54399	AI836915	TC189843	null	Mm.6478
1051510	550200	AI836694	TC160053	null	Mm.12677
15070	16172	AI836714	TC198452	null	null
26074	32223	AI835674	TC159876	glutamine synthetase	Mm.2338
802011	563238	AI836926	TC159560	cytoskeletal beta-actin	Mm.297
290344	256251	AI836699	TC173379	zinc finger protein ZNF216	Mm.2904
132235	148784	AI836722	TC186508	null	Mm.6954
253174	131912	AF159801	null	null	null
43556	23269	AF159803	null	null	null
67285	87186	X58149	null	null	null
1745004	885598	U91966	null	null	null
1798235	442419	AF168390	null	null	null
1743266	2426848	AF247559	null	null	null
1326843	689652	X56062	null	null	null
2430582	511623	AF198054	null	null	null
99641	70487	AI835193	TC187606	CARD-like apoptotic protein	Mm.28782
20559	25005	AI835273	TC175191	hypothetical protein COX4AL	Mm.22072
14682	14920	AI836266	TC201432	KAP3B	Mm.4651
96033	70133	AI836320	TC159017	mino levulinate synthase	Mm.19143
61082	43620	AI835207	null	null	Mm.39755
379818	430809	AI835282	TC200020	elongation factor 1-beta homol	Mm.2718
340091	261560	AI836277	null	null	null
236850	207469	AI835975	null	null	Mm.39313
21736	33026	AI835595	TC173107	minopontin precursor (AA -66 t	Mm.321
617721	359443	AI836205	TC174667	nucleoside diphosphate kinase	Mm.41787

56185	50933	AI835792	TC200512	null	Mm.29879
17919	13525	AI835881	TC188130	null	Mm.29138
79546	69825	AI836195	null	null	null
16561	16464	AI835628	null	null	null
133860	151994	AI835817	TC161165	hypothetical thymus-expressed	Mm.28708
41701	31221	AI835892	TC189722	AP-3 complex sigma3B subunit	Mm.2564
300739	157007	AF159801	null	null	null
40341	12932	AF159803	null	null	null
33911	59496	X58149	null	null	null
702939	362596	U91966	null	null	null
1062543	236479	AF168390	null	null	null
1350043	1810942	AF247559	null	null	null
1119341	594140	X56062	null	null	null
2640143	564395	AF198054	null	null	null
114956	79061	AI836047	TC169319	null	Mm.41378
9251	8977	AI836120	TC158957	null	Mm.17224
50862	41113	AI835136	TC175115	tau microtubule binding protei	Mm.1287
27913	23317	AI835461	TC186738	null	Mm.30250
211524	218899	AI835090	TC173705	null	Mm.28693
2409188	1235572	AI839190	null	null	Mm.39782
16189	10445	AI835158	TC188348	null	Mm.29071
55458	62075	AI836325	TC177081	null	Mm.41121
102546	102788	AI835662	TC187280	null	Mm.41890
20248	16376	AI836917	TC202742	null	null
0	0	AI836695	TC190351	null	null
20191	14114	AI839640	TC186724	neuropilin	Mm.27448
187420	148221	AI835675	TC186953	null	Mm.41791
70188	39409	AI838389	TC189092	null	Mm.41719
105233	111386	AI839632	TC200268	null	Mm.21086
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0	0	AI835438	TC182788	null	Mm.29111
0	0	AI835209	TC174688	null	Mm.40373
0	0	AI835284	TC208262	null	Mm.40662
32780	21288	AI836278	TC187093	E6-AP ubiquitin protein ligase	Mm.9002
141555	117066	AI836012	TC187390	null	Mm.29150
0	0	AI836191	TC190119	null	Mm.40033
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47807	38800	AI835882	TC202095	null	Mm.41545
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101406	60522	AI835629	TC165227	null	Mm.40691
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0	0	AI835895	TC201521	null	Mm.4436
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274263	108263	AF159803	null	null	null
385370	689820	X58149	null	null	null
1364147	758479	U91966	null	null	null
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1155674	1640855	AF247559	null	null	null
1422899	759984	X56062	null	null	null
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71114	62535	AI836048	TC186896	sex-determination protein homo	Mm.27723
143036	188481	AI835111	TC173071	unidentified reading frame	Mm.12858
140060	88803	AI835141	TC163319	Cek7 ligand	Mm.1478
85673	47529	AI836324	TC173496	carboxypeptidase E	Mm.43603
103773	84155	AI835093	TC188843	null	Mm.29487
63702	50817	AI839191	TC160141	Ubc7p homolog	Mm.29352
11651	8051	not yet submitt	null	null	null
37544	41365	AI836326	TC201667	null	Mm.29689
28717	39120	AI835663	TC159838	null	Mm.22171
42554	40585	AI836918	TC187263	null	Mm.8324
0	0	AI836696	TC204252	null	Mm.21975
68417	42641	AI839641	TC203055	null	Mm.40776
466478	666234	AI835680	TC159808	Csa-19	Mm.2424
81166	98403	AI838391	TC187162	HMG CoA synthase	Mm.10633
45773	36401	AI836700	null	null	null
28901	22607	AI836726	TC161980	null	Mm.40653
474079	281333	AF159801	null	null	null
242740	85915	AF159803	null	null	null
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2020449	1115895	U91966	null	null	null
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1436175	2058411	AF247559	null	null	null
1530011	961764	X56062	null	null	null
3165493	788719	AF198054	null	null	null
25920	11254	AI835197	TC182618	null	Mm.60576
21288	21175	AI835277	null	null	Mm.38315
83655	92634	AI836270	TC180000	null	Mm.40620
194938	190096	AI835969	TC202617	null	Mm.209
216645	178364	AI835210	TC173403	siah-2 protein	Mm.2847
85209	63769	AI835289	TC202484	null	Mm.6083
57984	58394	AI836292	TC157743	null	Mm.41336
380679	327619	AI836013	TC161351	calretinin	Mm.2755
37074	33966	AI836192	TC173483	creatine kinase (aa 1-381)	Mm.2375
1476568	1687291	AI835620	null	null	null
25122	25628	AI835796	TC164715	null	Mm.45142
842875	830517	AI835883	TC187004	null	Mm.17912
22953	26378	AI836196	TC157609	null	Mm.29923
130211	211178	AI836209	TC187158	hypothetical protein A	Mm.3752
49675	60734	AI835831	TC158393	null	Mm.28555
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1337468	780334	U91966	null	null	null
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1772782	1165650	X56062	null	null	null
3060144	806519	AF198054	null	null	null
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203226	179979	not yet submitt	null	null	null
96904	98850	AI838347	TC160265	null	Mm.24229
85972	80519	AI835665	TC201615	poly(A) polymerase V	Mm.3170
27074	20341	AI836919	TC159991	alpha-B crystallin	Mm.178
439517	405475	AI836697	TC174009	null	Mm.9811
0	0	AI836718	TC161307	null	Mm.30244
0	0	AI835681	TC191368	null	Mm.24037
66313	55082	AI838393	TC187078	calcineurin	Mm.41328
125229	129772	AI839633	TC173465	p62	Mm.8256
451967	402538	AI839644	TC159729	ferritin light chain	Mm.7500
11955	9176	AI836843	TC174443	null	Mm.39001
100219	82498	AI839726	TC176228	null	Mm.41160
332919	230062	AI836554	TC186880	null	Mm.30012
28056	15413	AI836564	null	null	null
13376	14287	AI836852	TC208048	null	Mm.44872
157660	129073	AI836538	null	null	Mm.40057
0	0	AI836556	TC202852	null	Mm.41929
11070	3877	AI839838	TC176457	null	Mm.38167
123189	108237	AI841553	TC187309	null	Mm.1444
58163	36341	AI841607	TC201790	NVP-1	Mm.27005
43106	39426	AI838528	TC190635	null	Mm.28763
92744	80070	AI838489	TC173215	USF2	Mm.15781
14121	11889	AI841570	TC175169	heme-binding protein	Mm.17249
14239	18646	AI841699	TC157208	ubiquitin/60S ribosomal fusion	Mm.43005
0	0	AI838540	TC191162	OL-protocadherin	Mm.40080
38402	55176	AI838504	TC173060	enhancer of rudimentary homolo	Mm.21952
141785	127135	AI838642	TC199945	null	null
0	0	AI838677	TC190155	9-cis retinol dehydrogenase	Mm.7563
407840	257237	AI841820	null	null	null
199136	230045	AI841842	TC186508	null	Mm.6954
107639	151884	AI838652	TC173053	pro-alpha-2(I) collagen	Mm.4482
352712	326162	AI838689	TC159890	mPRL-2	Mm.6355
17710	19940	AI841825	TC159799	null	Mm.29493
235758	187677	AI839303	TC190911	null	Mm.40086
82302	73524	AI836580	TC188611	null	Mm.35795
22648	21615	AI836602	TC188355	null	Mm.24562
123747	92923	AI836224	TC188393	null	Mm.28482

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8740	13402	AI836585	TC176852	null	Mm.30261
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170524	92079	AI836233	TC201459	Lmp10 proteasome subunit	Mm.787
19838	18389	AI836250	TC163448	BETA3	null
22703	17224	AI837934	null	null	null
56403	38057	AI837505	TC204074	null	Mm.40394
185430	156751	AI840051	TC200600	cullin 3	Mm.12665
22513	31227	AI840105	TC210075	null	Mm.44934
246809	167541	AI837954	TC187685	zinc finger protein	Mm.2760
290249	229048	AI837529	null	null	Mm.39321
136485	87069	AI840067	TC187428	N-acetylglucosaminyltransferas	Mm.2672
35576	36394	AI840117	TC162408	null	Mm.44513
149779	124913	AI840144	null	null	Mm.40420
98535	77406	AI840184	TC188312	four and a half LIM-domain pro	Mm.6799
0	0	AI841891	TC187348	forkhead protein FKHR1	Mm.44169
339569	289005	AI838917	null	null	null
105504	104149	AI840156	TC160904	null	Mm.29921
113184	167976	AI840197	TC159707	SPARC (aa 1-302)	Mm.35439
22173	22128	AI841904	null	null	null
39926	47607	AI838928	TC176999	null	Mm.5769
553254	421515	AI836844	TC159796	calmodulin	Mm.2648
44426	43905	AI836533	TC160083	null	Mm.22559
9314	14304	AI839745	TC157724	myelin proteolipid	Mm.1268
10983	12142	AI836565	TC174465	null	Mm.8540
79328	71958	AI840341	null	null	null
55617	59954	AI836539	TC160092	25 kDa FK506 binding protein F	Mm.3371
297065	265326	AI839749	null	null	Mm.39547
50967	42728	AI839839	TC161382	null	Mm.27608
65943	48516	AI841558	TC183206	null	null
14709	15623	AI841692	TC187182	LNXP70	Mm.24084
0	0	AI838529	TC176942	null	Mm.40574
9179	5978	AI838490	TC160892	amyloid precursor-like protein	Mm.2381
18979	17234	AI841572	TC187157	cdc2/CDC28-like protein kinase	Mm.18476
130088	105209	AI841702	TC175775	null	Mm.8763
0	0	AI838541	TC159160	peptidylglycine alpha-amidatin	Mm.5121
0	0	AI838505	TC179060	null	Mm.39993
37750	50138	AI838644	TC203643	null	Mm.28567
42073	25163	AI838678	TC190205	P-selectin glycoprotein ligand	Mm.22173
143044	90057	AI841821	null	null	Mm.43092
40742	25001	AI841844	TC202103	null	Mm.22588
21597	24762	AI838653	TC161308	null	Mm.28517
180563	208644	AI838690	TC171094	null	Mm.28985
205661	102302	AI841826	TC162279	null	Mm.27673
160288	125527	AI841851	null	null	null
0	0	AI839847	TC201528	null	Mm.27768
45518	47519	AI836603	TC200907	null	Mm.7066
45315	47111	AI836874	TC173877	imidazoline receptor I-1-like	Mm.22330
374708	318396	AI836246	null	null	null
0	0	AI839849	TC194689	null	Mm.40093
21810	18341	AI836608	TC206817	null	Mm.41798

32298	24812	AI836234	TC163261	stathmin-like-protein RB3	Mm.35474
18489	11014	AI836252	TC174810	spermatogenic-specific proenke	Mm.2899
304384	245946	AI837935	null	null	Mm.39323
70049	46894	AI837511	TC177314	null	Mm.24566
43815	28458	AI840054	null	null	null
0	0	AI840107	TC201260	profilin II	Mm.20399
8675	8876	AI837955	null	null	null
37591	30695	AI837530	TC174994	null	Mm.21865
13907	7771	AI840068	TC187046	kinesin light chain 1	Mm.20354
0	0	AI840120	TC202145	null	Mm.39745
51776	53208	AI840146	TC173346	lysyl hydroxylase 3	Mm.27426
271324	209369	AI840185	null	null	Mm.40096
69919	38710	AI841892	TC175486	null	Mm.23926
276624	213663	AI838921	TC161228	collagen alpha 2 chain type V	Mm.1949
34096	30103	AI840158	TC163659	null	Mm.19081
79879	59935	AI840198	TC157246	FUS2	Mm.29271
133483	128912	AI841906	TC159927	null	Mm.27344
43752	54928	AI838929	TC159707	SPARC (aa 1-302)	Mm.35439
0	0	AI836847	TC201645	null	Mm.25315
36151	43604	AI836535	TC158589	second largest subunit of RNA	Mm.4747
45486	41798	AI839746	TC161028	null	Mm.25492
107567	96834	AI839795	TC200760	null	Mm.30206
26633	14365	AI840342	null	null	null
13073	9177	AI839730	TC187771	null	Mm.41683
129089	98903	AI839750	null	null	Mm.39789
0	0	AI836569	TC192619	null	Mm.41626
24206	14292	AI841562	TC203043	null	Mm.41778
323120	247393	AI834759	null	null	Mm.39753
40210	15166	AI838532	TC163485	null	Mm.24827
9589	7722	AI838492	TC186513	NOV protein	Mm.5167
87996	137206	AI841574	TC200416	null	Mm.22675
530039	611410	AI841705	TC187025	null	Mm.42275
17461	8527	AI838542	TC191356	SOX1 gene	Mm.39088
0	0	AI838506	TC189359	unnamed protein product	Mm.40009
0	0	AI838645	TC188422	microfibril-associated glycopr	Mm.41931
245562	115932	AI838680	TC173952	null	Mm.12983
80560	66738	AI841822	TC161750	cytoskeletal protein	Mm.38903
9657	12209	AI839301	TC174447	stat-like protein	Mm.38469
150221	123936	AI838656	null	null	null
91152	82109	AI838691	TC160863	null	Mm.28196
129064	110699	AI839286	TC161760	null	Mm.28465
407759	218997	AI839304	null	null	Mm.40410
103697	85639	AI836581	TC203779	null	Mm.40667
56499	47326	AI839859	null	null	Mm.39152
5639	3072	AI836875	null	null	null
51152	88967	AI836247	null	null	Mm.39120
64482	60407	AI836586	TC202801	elongation factor-1 alpha	Mm.2645
361920	244351	AI836609	TC159796	calmodulin	Mm.2648
28107	46013	AI836877	TC159911	null	null
736839	464337	AI836254	TC200047	triosephosphate isomerase	Mm.4222
27399	27781	AI837944	null	null	null

0	0	AI837521	TC205203	null	Mm.41035
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436824	275367	AI840110	TC173231	null	Mm.988
47163	60530	AI837957	TC165752	null	null
922342	812511	AI837534	null	null	null
49763	40015	AI840073	TC187113	neuronatin-3	Mm.3210
44124	48223	AI840121	TC161112	null	Mm.22357
55783	40884	AI840147	TC204378	null	Mm.41138
119994	119670	AI840191	TC201775	null	Mm.30015
73238	39260	AI841894	TC187498	null	Mm.2121
359083	267363	AI838922	null	null	null
163874	150128	AI840159	null	null	null
222459	183832	AI840201	TC200236	null	Mm.33990
324302	214069	AI841909	TC200212	ARF4	Mm.1486
1874215	1001859	AI838930	null	null	Mm.39541
767784	393926	AI836849	null	null	Mm.39124
12229	10104	AI839727	TC161113	TAP-like ABC transporter	Mm.41213
0	0	AI836555	TC201841	null	Mm.34532
26888	45538	AI836567	TC166565	null	Mm.40363
31813	45483	AI836854	TC158925	E46 protein	Mm.4098
0	0	AI839736	TC174375	null	Mm.29909
42687	35269	AI839753	TC188487	GCN5L1 protein	Mm.30118
18401	21328	AI836570	TC188995	null	Mm.40303
113301	86634	AI841563	TC196404	null	Mm.39807
23782	16176	AI841694	TC177845	null	Mm.41111
17921	12932	AI838536	TC164665	null	Mm.60577
187163	143310	AI838500	null	null	null
244247	190329	AI841575	TC161221	calcium-binding protein S100A1	Mm.24662
112382	98383	AI841706	null	null	Mm.40797
75845	52135	AI838544	TC202082	synaptotagmin IX	Mm.28562
836317	522317	AI838512	TC202099	null	Mm.35458
20249	13097	AI838647	TC191532	null	Mm.38337
81092	77204	AI838681	TC174949	null	Mm.30864
0	0	AI839281	null	null	Mm.42263
20060	276871	AI839302	TC157596	sulfated glycoprotein-2	Mm.18700
351504	203210	AI838657	null	null	Mm.39538
746088	412892	AI838693	TC186390	Selenoprotein P	Mm.22699
16300	22208	AI841827	TC187197	null	Mm.41793
114320	102720	AI841853	null	null	Mm.40798
44246	30786	AI836583	TC173091	mtprd	Mm.3679
9174	9053	AI836605	TC160661	null	Mm.43482
575192	527497	AI836876	TC200131	cofilin	Mm.4024
166260	161968	AI836891	TC159894	proteasome subunit C10-II	Mm.21874
144940	139088	AI836587	TC160653	DJ-1	Mm.2507
0	0	AI836610	TC191541	null	Mm.3590
18333	13452	AI836878	TC159868	necdin	Mm.7089
136388	117880	AI836256	TC164203	null	Mm.24115
17953	17533	AI837947	TC196347	null	Mm.40758
31672	26889	AI837524	null	null	null
94311	83788	AI840059	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
17241	10347	AI840113	TC200075	putative TSA, thiol specific a	Mm.42948

84847	66284	AI837439	TC162196	asc1	Mm.35567
0	0	AI837538	TC179760	null	null
241252	228613	AI840074	TC200213	ras-GTPase-activating protein	Mm.2411
52542	41046	AI839465	TC186724	neuropilin	Mm.27448
418515	481015	AI840148	TC159792	null	Mm.13944
132040	95954	AI840192	TC177665	null	Mm.27812
143854	72058	AI841895	TC200711	null	Mm.35822
470145	548825	AI838924	TC159469	heat shock protein 84	Mm.2180
135715	70291	AI840160	TC173834	null	Mm.29092
88686	87396	AI840202	TC202348	Glv-1	Mm.16757
19544	22750	AI841913	TC162092	null	Mm.43375
88885	94682	AI838933	TC175337	null	Mm.28401
0	0	AI840339	TC174196	null	Mm.2587
0	0	AI839729	TC173737	Ring3	Mm.3444
0	0	AI839747	TC163118	null	Mm.35522
0	0	AI836568	TC174047	null	Mm.29432
0	0	AI840344	TC160691	SCG10-related protein HiAT3	Mm.2319
0	0	AI839737	TC173039	Sui1 homolog	Mm.13886
0	0	AI836557	TC161547	null	Mm.34751
0	0	AI836571	TC187165	null	Mm.23329
0	0	AI841565	TC161793	null	Mm.7664
0	0	AI841696	TC189263	null	Mm.25296
0	0	AI838537	TC178650	null	Mm.41353
0	0	AI838502	TC196609	null	Mm.40764
0	0	AI841577	TC159860	p66 mot1	Mm.2849
0	0	AI841713	TC186826	ERK2	Mm.1700
317267	275868	AI838548	TC200110	snapin	Mm.28793
0	0	AI838513	TC178272	null	Mm.25287
6447	7697	AI838648	TC201808	null	Mm.22962
0	0	AI838686	TC166547	null	Mm.40413
0	0	AI839282	TC196353	null	Mm.40085
0	0	AI841848	TC160321	acinusS'	Mm.30236
0	0	AI838658	TC157638	cathepsin B	Mm.22753
0	0	AI838694	TC192099	null	Mm.34439
0	0	AI841828	TC162579	FLT-1	Mm.3464
0	0	AI841854	TC160725	null	Mm.24356
0	0	AI836584	TC189048	null	Mm.39505
84753	98079	AI836606	TC200599	'PEBP2b3 protein'	Mm.2018
483102	330725	AI836229	TC165328	null	Mm.31984
21250	18030	AI836892	null	null	null
224375	155067	AI836588	TC190555	null	Mm.29522
116657	99617	AI839861	null	null	null
116076	96468	AI836235	TC173430	WW-domain binding protein 2	Mm.1405
182449	198942	AI836620	TC200146	hepatoma derived growth factor	Mm.1141
23777	20453	AI837948	TC203370	null	Mm.24506
201978	121955	AI837526	TC163747	null	Mm.41252
149334	101114	AI840062	TC174075	null	Mm.23889
0	0	AI840114	null	null	null
101059	82130	AI837442	null	null	null
26712	12961	AI837543	TC191241	null	Mm.4681
72694	47018	AI840078	TC203172	null	Mm.24338

0	0	AI838792	TC176121	contains transmembrane (TM) re	Mm.40361
31560	22335	AI840150	TC179759	null	Mm.43084
24721	28521	AI840194	TC188878	null	Mm.29692
418014	238351	AI841901	TC174589	null	Mm.19027
35432	22561	AI838925	TC187293	glutamate-cysteine ligase regu	Mm.29340
542996	332248	AI840161	null	null	Mm.1776
163673	115871	AI841861	TC179205	null	Mm.31934
35267	38670	AI841918	TC160575	null	Mm.29253
119827	108638	AI838934	TC204553	null	Mm.41377
44169	34309	AI836851	TC201982	G protein gamma 3 subunit	Mm.27307
137081	112026	AI836536	TC158905	polymorphic tumor rejection an	Mm.4526
0	0	AI839748	null	null	null
18655	12829	AI839837	TC196392	null	Mm.44512
45565	26085	AI836855	TC187885	null	Mm.34818
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127912	107947	AI839840	null	null	Mm.39549
0	0	AI841568	null	null	null
0	0	AI834760	null	null	Mm.40040
64616	75048	AI838539	TC175102	ARL-6 interacting protein-4	Mm.29430
50058	45888	AI838503	TC191050	null	Mm.34123
97449	82046	AI841579	TC157804	arsenite inducible RNA associa	Mm.24521
1012171	616258	AI834803	TC176638	null	Mm.34691
141286	152065	AI838549	TC200074	null	Mm.29573
41811	24459	AI838514	TC174872	PTP 35 protein	Mm.2902
48433	39944	AI838650	TC174041	FKBP65 binding protein	Mm.3894
282670	195616	AI838687	null	null	Mm.29590
203454	256935	AI839283	TC173958	Ino4 protein	Mm.110
0	0	AI841849	TC190911	null	Mm.40086
321678	224253	AI838659	TC158802	p21RhoC	Mm.262
128215	127554	AI838699	TC161267	null	Mm.35445
19732	30389	AI839288	TC201534	null	Mm.23017
150855	159873	AI840122	TC177267	null	Mm.6493
0	0	AI839848	TC164987	null	Mm.40356
64257	61574	AI836607	TC159106	vesicle associated membrane pr	null
912823	663576	AI836232	TC157592	E25B protein	Mm.4266
962912	1611825	AI836893	TC159587	37kDa oncofetal antigen	Mm.4071
37467	19237	AI839850	TC176852	null	Mm.30261
131886	125991	AI836611	TC186918	prion protein PrP27-30	Mm.648
0	0	AI836238	TC204802	null	Mm.39978
23111	21674	AI836621	null	null	Mm.39767
346904	295950	AI837950	null	null	Mm.39530
151208	138254	AI837528	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
25944	20718	AI840066	TC163453	null	Mm.39283
61327	53238	AI840116	TC175804	null	Mm.28140
49233	47176	AI837458	TC187098	null	Mm.27235
103590	49361	AI837546	null	null	null
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94981	87430	AI838793	null	null	null
169371	135185	AI840155	TC188227	null	Mm.22669
25224	21769	AI840195	TC190782	null	Mm.27021

74482	94118	AI841902	TC189876	null	Mm.9876
61956	34721	AI838926	TC188849	null	Mm.17310
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43955	41956	AI841865	TC164359	null	Mm.44601
175749	249547	AI841920	TC200453	null	Mm.28622
48249	58031	AI838935	TC174910	null	Mm.27133
43694	43206	AI839327	TC188460	null	Mm.41242
230078	291665	AI839363	TC186723	Int-6	Mm.880
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25751	18700	AI841766	TC191476	null	Mm.64969
52143	68953	AI839337	TC159953	null	Mm.1268
0	0	AI839374	TC210079	null	null
378294	148879	AI838890	TC173122	null	Mm.6696
22621	21077	AI841783	TC173343	null	Mm.41486
1055909	568049	AI840370	TC205358	null	Mm.39285
59271	37061	AI839888	TC158969	Nbr1	Mm.784
116733	86055	AI839936	TC187010	RING zinc finger protein	Mm.9326
289930	177483	AI841448	TC174950	null	Mm.29166
116289	76510	AI840383	null	null	Mm.40781
30098	31573	AI839899	TC175076	null	Mm.20848
37645	30442	AI841403	TC196401	null	Mm.40112
62541	57284	AI841463	TC174510	null	Mm.5423
814196	834187	AI839051	TC174730	null	Mm.34489
66223	36127	AI839086	TC186409	null	Mm.43822
9078	9856	AI837707	TC197233	null	null
8225	13287	AI840953	TC175515	null	Mm.41163
0	0	AI839048	TC162982	vesicular inhibitory amino aci	Mm.7444
12012	5890	AI837672	TC188003	null	Mm.27469
24350	20731	AI837724	TC161599	AU-binding enoyl-CoA hydratase	Mm.2733
24767	20119	AI840965	TC177127	null	Mm.34210
169841	113868	AI838991	TC173987	PMP68	Mm.1519
45033	49563	AI839030	TC173906	npdcf-1	Mm.1131
45559	29999	AI839518	TC173527	null	Mm.6157
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745999	557974	AI839002	null	null	Mm.43778
132173	107140	AI839038	TC203010	null	Mm.27540
260847	255942	AI839524	TC159783	null	Mm.2795
49200	63877	AI839417	TC187288	null	Mm.28687
500214	585198	AI841501	TC157595	ribosomal protein S3a	Mm.6957
17190	22772	AI841093	TC201836	null	Mm.25118
109368	80674	AI841137	null	null	Mm.28780
44210	46372	AI842042	TC202204	null	Mm.12706
0	0	AI841514	TC191195	null	Mm.30820
37653	27042	AI841106	TC175606	cyclin-dependent kinase 5	Mm.4818
182495	115556	AI841987	TC201344	null	Mm.34350
192813	161598	AI840798	null	null	Mm.2944
240617	192448	AI837750	TC160230	NADP-dependent isocitrate dehy	Mm.9925
97498	58399	AI837796	TC165885	null	Mm.28906
102880	83660	AI840898	TC161503	null	Mm.41737
56204	59727	AI840746	TC193563	null	Mm.40427
241896	212202	AI837758	TC160098	capping protein alpha 2 subuni	Mm.3529



29097	22560	AI837808	TC201942	GTP-binding protein alpha subu	Mm.20964
13389	8875	AI840916	null	null	Mm.41701
38103	32661	AI840758	TC200670	null	Mm.22721
46636	39984	AI839328	null	null	Mm.39337
46717	63212	AI839365	TC200500	schwannoma-associated protein	Mm.6483
776154	468207	AI838874	TC187096	phosphatase 2A catalytic subun	Mm.7418
7687	7395	AI841768	TC202202	null	Mm.279
62123	84042	AI839339	TC158918	UbcM4 protein	Mm.3074
21538	17160	AI839375	TC193073	null	null
13655	10420	AI838892	null	null	null
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107678	96938	AI840373	TC164041	null	Mm.41085
903699	477924	AI839890	TC202990	P55T protein	Mm.41288
153330	93792	AI839938	TC204041	null	Mm.42823
124959	74083	AI841451	TC200192	Cux/CDP(1B1); Cux/CDP homeopro	Mm.28177
1016631	472876	AI840384	TC187239	null	Mm.28286
31448	53631	AI839902	TC187992	alpha-1 type XVIII collagen pr	Mm.4352
37891	33118	AI841408	TC161264	phosphoprotein	Mm.489
91601	74320	AI841464	TC187320	null	Mm.29731
50898	51456	AI839052	TC173408	2',3'-cyclic-nucleotide 3'-pho	Mm.15711
17239	10361	AI839089	TC167766	null	Mm.40011
18837	10489	AI837709	TC202602	null	Mm.39792
67575	51284	AI840954	TC190570	null	Mm.23519
32509	19912	AI839049	TC192697	null	Mm.41232
29390	19596	AI837674	TC206260	null	Mm.60698
140224	120908	AI837726	TC188792	null	Mm.26939
149302	131562	AI840967	TC175423	unnamed protein product	Mm.40605
14644	10510	AI838992	TC204537	null	Mm.25530
144216	120796	AI834855	null	null	null
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23986	16798	AI834846	null	null	Mm.40729
11279	13298	AI839490	TC188912	null	Mm.38495
16958	12432	AI839526	TC187703	DXImx46e protein	null
17452	10135	AI839420	TC175792	null	Mm.43499
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73914	55939	AI841097	TC187257	null	Mm.41773
49604	53015	AI841140	TC175041	cyclin H	Mm.37478
396350	260773	AI842044	TC160600	null	Mm.29032
235837	172333	AI841516	TC175447	ankyrin-3	Mm.3526
59094	52556	AI841107	TC175946	null	Mm.24734
260910	130694	AI841995	null	null	null
496070	409079	AI840802	TC160267	Dhm1 protein	Mm.3065
67575	52401	AI837751	null	null	Mm.15571
435562	340365	AI837797	TC159526	SERCA2b isoform	Mm.42255
229353	164290	AI840901	TC174598	null	Mm.42507
62973	43552	AI840748	TC188939	null	Mm.27895
42689	20812	AI837759	TC176085	tyrosine protein kinase	Mm.2918
34889	29332	AI837809	TC162975	male-enhanced antigen-2	Mm.9392
58127	34105	AI840919	TC200943	chop-10	Mm.7549
39690	33065	AI840760	TC189294	null	Mm.67066

21999	22539	AI839329	TC188556	null	Mm.29050
37731	37709	AI839366	TC162237	null	Mm.28947
82038	81956	AI838875	TC174622	microtubule-actin crosslinking	Mm.3350
115856	80998	AI841770	null	null	null
86516	67818	AI839340	TC187285	null	Mm.34002
14424	12289	AI839378	TC176068	Ash/Grb2-binding adaptor prote	Mm.34866
15935	15101	AI838894	TC202308	null	Mm.39330
23113	15089	AI841791	TC186406	null	Mm.10009
89928	68395	AI840375	TC164775	null	Mm.40424
764403	768427	AI839893	TC159528	alpha-tubulin	Mm.4591
21719	23078	AI839944	TC202801	elongation factor-1 alpha	Mm.2645
307861	202770	AI841455	TC186537	null	Mm.300
73890	67830	AI840388	TC189780	null	Mm.40100
18641	15287	AI839903	null	null	null
17415	11810	AI841409	TC169529	null	Mm.39806
144507	70165	AI841466	TC173921	null	Mm.28295
210879	201191	AI839054	TC175540	null	Mm.38847
39874	25491	AI837663	TC175192	phosphoprotein	Mm.4870
0	0	AI837711	TC173604	null	Mm.18421
14644	26475	AI840956	TC163329	dipeptidyl aminopeptidase-like	Mm.42078
36231	35160	AI839050	TC207237	null	Mm.41201
123017	69557	AI837675	TC188986	Bak protein	Mm.2443
127340	98662	AI837729	TC173260	null	Mm.28219
5721	3370	AI840969	TC205791	null	Mm.39992
9934	5171	AI838993	null	null	null
332510	310399	AI834856	null	null	null
91981	72981	AI839520	TC160594	guanylate kinase	Mm.3624
37317	24140	AI839403	TC195326	integral inner nuclear membran	Mm.40774
19947	15884	AI834847	TC187194	null	Mm.17917
11638	6296	AI839491	TC194110	null	Mm.41510
74381	102629	AI839527	TC179731	null	Mm.41831
51043	76258	AI839424	TC189850	teashirt 2	Mm.28740
276349	247435	AI841507	null	null	Mm.42267
49830	80105	AI841098	TC174586	null	Mm.27476
83550	67060	AI841145	TC161071	null	Mm.38607
208410	165402	AI842051	null	null	Mm.42651
82079	68986	AI841520	TC160921	BCL7B protein	Mm.31
58791	46418	AI841109	TC196583	null	Mm.40110
348580	249054	AI841996	TC157599	null	Mm.27051
71897	43812	AI840804	TC161097	BTEB3 protein	Mm.17468
20091	14131	AI837752	TC200583	pancortin-3	Mm.43278
72560	60438	AI837799	TC160519	guanine nucleotide exchange fa	Mm.3161
64020	42426	AI840903	TC186909	Sacm21	Mm.20926
38555	27345	AI840749	null	null	Mm.39346
577071	652912	AI837760	TC175671	null	Mm.30192
209538	185117	AI837810	TC186946	Ste20-like kinase	Mm.28761
124114	103991	AI840921	TC161509	null	Mm.21520
96363	72184	AI840761	TC174492	null	Mm.27311
126235	99802	AI839330	TC158997	p21	Mm.7414
120889	85506	AI839367	null	null	null
103887	64836	AI838877	TC200218	initiation factor 4All (AA 1 -	Mm.16323

182947	234016	AI841771	TC158217	null	Mm.19055
137447	89819	AI839341	TC174664	null	Mm.42567
74004	69756	AI839382	TC160911	null	Mm.20806
286638	98367	AI838895	TC201583	aromatic-L-amino-acid decarbox	Mm.12906
41623	50839	AI841793	TC175509	null	Mm.41133
106901	75544	AI840376	TC174011	null	Mm.29041
284258	196844	AI839895	TC200776	null	Mm.29296
347371	144873	AI841400	TC174241	null	Mm.29213
201473	144822	AI841457	TC159986	null	Mm.38541
535893	288678	AI840400	null	null	Mm.2632
74302	44066	AI839904	TC191311	null	Mm.39723
326341	345414	AI841410	TC173767	null	Mm.30069
75922	57672	AI841469	TC187139	protein carboxyl methyltransfe	Mm.25293
44168	47883	AI839055	TC162793	null	Mm.28180
63960	57566	AI837665	TC187102	tumor necrosis factor alpha co	Mm.27681
34409	24675	AI837714	TC174332	null	Mm.34416
6385	4558	AI840959	null	null	Mm.5260
135960	108314	AI839056	TC187292	null	Mm.30214
238775	227931	AI837677	TC203789	null	Mm.44104
15260	18977	AI837733	TC176503	TNF-stimulated gene 6 protein	Mm.3509
20557	14364	AI840972	TC173675	null	Mm.29580
91871	78995	AI838998	TC174214	testis-specific protein kinase	Mm.10154
492484	438552	AI839031	null	null	null
282968	374411	AI839521	null	null	Mm.40414
73073	80143	AI839411	null	null	Mm.39148
55922	37373	AI839004	TC159144	null	Mm.26171
432844	257971	AI839492	TC186529	null	Mm.2395
53969	37993	AI839528	TC174803	null	Mm.34801
0	0	AI839436	TC188521	null	Mm.24005
0	0	AI841508	TC174037	null	Mm.27797
25567	34362	AI841101	TC174008	aldolase C	Mm.7729
269885	215671	AI841146	null	null	null
255011	216261	AI842053	TC187632	mama	Mm.3152
53265	28922	AI841521	TC158450	null	Mm.24062
224466	309537	AI841111	TC158268	thymic shared antigen-1	Mm.788
92466	111946	AI842000	TC163340	null	Mm.37885
91218	63474	AI840807	null	null	Mm.39796
43294	49445	AI837754	TC191356	SOX1 gene	Mm.39088
52021	57084	AI837800	TC183816	null	null
176802	153915	AI840910	TC189009	null	Mm.9838
120790	97288	AI840752	TC187608	LZIP-1 and LZIP-2	Mm.12407
417455	337460	AI837761	TC190696	fos-related antigen-2	Mm.23704
1174286	671036	AI837817	TC162391	tob family	Mm.4218
51907	48662	AI840922	TC160130	null	Mm.3871
123506	82896	AI840762	TC196407	null	Mm.39347
126836	95269	AI839331	TC205489	null	Mm.44107
0	0	AI839368	TC201265	carbonyl reductase	Mm.26940
0	0	AI838878	TC175371	null	Mm.28954
55530	32159	AI841777	TC202791	null	Mm.22433
12273	64247	AI839342	TC175460	null	Mm.18798
0	0	AI838842	TC157679	rbm3	Mm.2591

0	0	AI838902	TC175887	angiotensinogen precursor	Mm.8854
0	0	AI841794	TC189177	null	Mm.41689
0	0	AI840379	TC173675	null	Mm.29580
0	0	AI839896	TC160327	radixin	Mm.7051
0	0	AI841401	TC162875	null	Mm.20152
317815	234458	AI841459	TC159557	diazepam-binding inhibitor	Mm.2785
0	0	AI840401	null	null	null
8840	5432	AI839905	TC167320	null	Mm.40094
0	0	AI841412	TC201437	null	Mm.31097
52663	43623	AI841473	TC191356	SOX1 gene	null
0	0	AI839046	TC201417	null	Mm.30467
0	0	AI837669	TC203286	null	Mm.41003
0	0	AI837717	TC177873	null	Mm.44622
0	0	AI840960	TC162070	null	Mm.18268
90168	72593	AI839057	null	null	Mm.39781
0	0	AI837678	TC186897	null	Mm.28981
0	0	AI837738	TC207988	gamma-2 subunit of voltage-gat	Mm.12888
0	0	AI840973	TC189170	null	Mm.33120
0	0	AI838999	null	null	null
0	0	AI834857	null	null	Mm.2632
82777	85909	AI839522	TC202516	null	Mm.4022
81273	306139	AI839412	TC159456	stearoyl-CoA desaturase 2	Mm.298
489474	430971	AI834848	null	null	Mm.39305
145772	156358	AI839495	TC174061	multiubiquitin-chain-binding p	Mm.2261
29532	40601	AI839530	TC173611	amyloid beta-peptide binding p	Mm.6994
24059	14401	AI839437	TC202458	Dgcr6 protein	Mm.27155
111432	129564	AI841510	TC158244	14-3-3 theta protein	Mm.14722
126883	70902	AI841104	TC163872	rSHANK protein	Mm.40787
13748	8333	AI841985	null	null	Mm.40437
86948	71883	AI840794	TC201573	null	Mm.3434
157944	216635	AI841525	TC186838	synaptosomal associated protei	Mm.4435
77298	156644	AI841112	TC174223	null	Mm.29774
63358	78908	AI842004	null	null	null
259532	169495	AI840810	TC161365	null	Mm.27569
149013	117482	AI837755	TC173288	S-adenosylmethionine decarboxy	Mm.7880
333370	296300	AI837804	TC160385	null	Mm.29436
71846	50757	AI840913	null	null	null
522173	625923	AI840754	null	null	Mm.40784
52329	45472	AI837764	TC174646	null	Mm.24195
48164	38161	AI837819	TC162999	null	Mm.41203
71507	61669	AI840925	TC201707	null	Mm.18847
197384	158703	AI840764	null	null	null
100732	104910	AI839335	TC160315	gamma-1 adducin	Mm.44106
552182	308960	AI839369	TC160509	null	Mm.22560
0	0	AI838885	TC188529	type 6 nucleoside diphosphate	Mm.12951
367048	400973	AI841779	TC189279	null	Mm.34870
531488	326723	AI839343	TC174470	LN1	Mm.27066
0	0	AI838843	TC162403	PERIOD 2	Mm.8471
52445	52324	AI838905	TC164842	null	Mm.40406
150325	280936	AI841796	TC190127	null	Mm.42873
705150	594960	AI840381	TC187580	C33/R2/IA4	Mm.4261

256975	137671	AI839897	TC176624	null	Mm.35732
201116	161017	AI841402	TC174249	CC1	Mm.28862
187433	203151	AI841461	null	null	null
234813	139514	AI840403	TC188298	null	Mm.30699
489126	597138	AI839906	TC200092	null	Mm.29676
625739	538490	AI841415	TC188390	null	Mm.5381
59640	45102	AI841475	TC162876	null	Mm.37634
292319	222934	AI839047	TC186672	Fas activated serine/threonine	Mm.28123
31314	39894	AI837671	TC173941	null	null
664678	635952	AI837721	TC173322	cytoplasmic dynein heavy chain	Mm.29547
26633	21954	AI840964	null	null	null
318392	303794	AI839059	TC201453	null	Mm.28324
351189	329410	AI837683	TC202398	null	Mm.39751
385359	324374	AI837739	null	null	null
48247	44155	AI840974	TC202858	endophilin III	Mm.736
61897	84334	AI839000	null	null	Mm.43309
64665	62032	AI839034	TC161024	null	Mm.35828
79113	95688	AI839523	TC187651	ena-VASP like protein	Mm.2144
15504	32517	AI839415	TC191357	metabotropic glutamate recepto	Mm.41316
51873	41342	AI839005	TC202195	null	Mm.2097
602092	585045	AI839496	TC200198	null	Mm.24365
52011	51184	AI839531	TC158498	null	Mm.30928
0	0	AI839440	TC204380	null	Mm.39339
293248	222667	AI841511	TC200387	carbonic anhydrase II	Mm.1186
1203829	1009199	AI841105	TC159460	nucleolar protein	Mm.6343
48351	36302	AI841986	null	null	Mm.40799
299489	261909	AI840796	null	null	Mm.40785
25016	30229	AI841526	TC200432	null	Mm.41489
45917	48274	AI841115	null	null	null
1585860	1985933	AI842005	null	null	Mm.15571
41115	38879	AI840813	TC187063	null	Mm.29860
56041	55019	AI837757	TC177483	null	Mm.31504
15465	13595	AI837806	TC203053	null	Mm.33033
148974	159251	AI840915	TC174189	null	Mm.29750
190514	238218	AI840757	TC159531	alpha-tubulin isotype M-alpha-	Mm.4591
0	0	AI837766	TC187285	null	Mm.34002
70062	73496	AI837820	TC201519	null	Mm.29655
124530	109258	AI840926	TC190091	null	Mm.41557
76250	85092	AI840767	TC190567	null	Mm.30794
338369	309239	AI841218	TC201391	rod phosphodiesterase delta su	Mm.12925
137783	110170	AI841269	TC175795	null	Mm.29338
1478449	649085	AI841308	TC159523	sodium/potassium ATPase beta	Mm.4550
465034	347457	AI841350	TC201045	NGFI-A binding protein 2	Mm.6549
69221	52789	AI841238	TC161051	F3 preprotein (AA -20 to 1000)	Mm.4911
154233	147805	AI841281	TC173563	null	Mm.21399
41286	33410	AI841325	TC193799	null	null
1298066	929523	AI841358	null	null	Mm.2944
16668	16868	AI842636	TC173805	null	Mm.20175
40114	43147	AI846411	TC157263	null	Mm.44166
7724	7548	AI846462	TC196314	null	Mm.39604
7742	6629	AI846592	TC188974	null	Mm.32352

556385	382003	AI842649	TC187015	null	Mm.30188
0	0	AI846424	TC191188	F-box protein FBX16	Mm.57469
82910	54439	AI846558	TC160802	null	Mm.25045
5112	3969	AI846599	TC175534	null	Mm.32619
211483	205974	AI846799	TC158876	histone H3.3A	Mm.16820
38298	39188	AI842947	TC160418	RNA/DNA-binding protein	Mm.1951
11050	11625	AI842986	TC204164	sulfotransferase-related prote	Mm.6562
17451	10660	AI843572	TC190112	null	Mm.33546
126173	108062	AI842916	null	null	null
0	0	AI842954	null	null	Mm.39362
0	0	AI843617	TC188590	thioether S-methyltransferase	Mm.299
86870	62354	AI843621	null	null	Mm.41092
46266	45090	AI841380	null	null	Mm.38097
155173	123779	AI845578	TC160922	null	Mm.43671
49039	38262	AI845620	TC190096	null	Mm.41169
236448	208943	AI845670	TC191205	null	Mm.25378
20681	16996	AI841390	TC175430	null	Mm.22537
120372	102168	AI845588	TC161618	null	Mm.19761
73107	70483	AI845633	TC187369	null	Mm.19799
0	0	AI845682	TC202701	null	Mm.41897
54819	44891	AI846624	TC164405	null	Mm.28681
280469	207474	AI845823	TC202296	null	Mm.23982
44777	27466	AI845862	TC163723	null	Mm.41385
16927	12948	AI845889	TC169470	null	Mm.57555
101930	77684	AI846632	TC203931	null	Mm.24950
72845	58869	AI845830	TC200138	FK506-binding protein	Mm.27941
189413	131386	AI845869	null	null	Mm.40162
95373	71513	AI843508	TC173583	null	Mm.34907
289707	216867	AI843651	TC190185	T4 surface glycoprotein precur	Mm.2209
78712	62168	AI842721	TC201414	null	Mm.30170
23669	16327	AI847157	TC189590	null	Mm.6926
25155	16990	AI842995	null	null	null
157766	101813	AI842668	TC161649	null	Mm.2644
28113	19025	AI842734	TC202471	null	Mm.29483
88570	71885	AI847166	TC190482	LDL receptor-related protein 6	Mm.20861
10752	11332	AI843011	TC196293	null	Mm.41731
61789	68557	AI841219	TC165131	null	null
229536	216515	AI841275	TC173998	null	Mm.21383
351139	387786	AI841311	TC159882	null	Mm.28357
245413	249371	AI841351	TC160282	APC-binding protein EB1 homolo	Mm.18418
9024	5207	AI841239	TC191378	null	Mm.22979
62708	48048	AI841282	TC186436	null	Mm.40195
105468	188555	AI841326	null	null	Mm.37214
231335	207415	AI841359	null	null	Mm.39562
206235	134134	AI842637	TC159138	null	Mm.33949
0	0	AI846412	TC176036	regulator of G-protein signali	Mm.7956
143879	122011	AI846463	TC200642	null	Mm.24559
0	0	AI846593	TC207944	null	Mm.42573
0	0	AI842653	TC159978	plasma phospholipid transfer p	Mm.6105
7253	5794	AI846425	TC188056	null	Mm.46397
3760	4910	AI846559	null	null	null

17013	15198	AI846600	TC173521	null	Mm.31616
23753	19611	AI846801	TC188099	null	Mm.34329
62220	62732	AI842948	null	null	null
29209	21607	AI842987	TC161008	Msx-interacting-zinc finger pr	Mm.30882
161074	98980	AI843576	TC202281	null	Mm.28991
15764	13953	AI842917	null	null	null
152355	147744	AI842955	TC187072	HMG-box transcription factor T	Mm.10712
45336	37688	AI843619	TC182744	null	Mm.39366
19462	17150	AI843622	TC206306	null	Mm.40140
172674	147662	AI841383	TC173724	null	Mm.21981
516938	187057	AI845580	TC187964	null	Mm.21623
101425	92181	AI845621	TC188704	null	Mm.21612
32139	32272	AI845671	TC186858	FBP 21	Mm.20938
83770	84751	AI841391	TC187078	calcineurin	Mm.41328
89940	76730	AI845592	TC162160	null	Mm.23790
44596	35190	AI845634	TC188805	null	Mm.23634
449643	333590	AI845685	TC200964	unnamed protein product	Mm.18230
11399	12462	AI846625	TC160168	null	Mm.21811
609311	278789	AI845824	TC159597	null	Mm.20418
246320	177312	AI845863	TC173859	null	Mm.41747
144771	108495	AI843497	TC175628	C /EBP delta	Mm.4639
0	0	AI846633	TC194999	null	Mm.40476
96154	55399	AI845831	null	null	Mm.2632
324228	216208	AI845870	null	null	null
68736	50893	AI843510	TC164113	null	Mm.27090
73776	77269	AI843655	TC162906	null	Mm.1687
29201	13504	AI842722	TC164389	null	Mm.39171
48789	43635	AI847158	TC174369	null	Mm.28849
85692	91183	AI842998	TC157610	CCT (chaperonin containing TCP	Mm.398
0	0	AI842670	null	null	Mm.2632
320625	223822	AI842735	null	null	Mm.40809
93210	72196	AI851477	null	null	null
11341	11369	AI843014	TC173642	null	Mm.24397
647553	599309	AI841222	TC160362	null	Mm.391
277558	270954	AI841276	TC201271	homologous to the yeast YGR163	Mm.28746
346902	300421	AI841315	null	null	null
66430	53330	AI841353	TC162162	metalloprotease-disintegrin MD	Mm.19830
58862	44866	AI841240	TC165061	null	Mm.40141
224203	236595	AI841283	TC158943	NNP-1	Mm.38344
46738	38537	AI841328	TC189842	null	Mm.27360
92423	52692	AI841361	TC203257	ancient conserved domain prote	null
235982	143866	AI842640	TC176904	null	null
72546	46205	AI846413	TC204120	protein kinase C	Mm.42120
26609	25851	AI846467	TC192107	null	Mm.34378
42016	34778	AI846594	TC161995	null	Mm.41866
0	0	AI842654	TC159824	Ulip	Mm.36903
37686	37414	AI846426	TC202899	null	Mm.27318
33224	32939	AI846564	TC187960	null	Mm.34555
0	0	AI846601	TC201861	null	Mm.28775
44152	36352	AI846803	TC175599	null	Mm.35693
187340	134617	AI842949	TC173626	beta-N-acetylhexosaminidase	Mm.2284

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70854	46497	AI843577	TC193335	null	null
18414	20585	AI842919	TC162192	null	Mm.41322
25772	24503	AI842957	null	null	null
46777	50957	AI843547	TC174324	UbcM4 interacting protein 48;	Mm.28409
61612	57449	AI843623	TC173077	PW29	Mm.164
297830	258280	AI841384	TC186748	null	Mm.22651
48732	64308	AI845581	TC190946	null	Mm.7086
64005	47152	AI845622	null	null	Mm.39596
165096	166787	AI845673	TC173591	MRJ	Mm.2701
60921	50190	AI841392	null	null	Mm.34847
29125	20260	AI845593	TC187902	null	Mm.27922
0	0	AI845636	TC165809	null	Mm.39597
27584	16314	AI845691	TC188624	null	Mm.44065
71084	48587	AI846626	TC173517	null	Mm.41495
57891	40671	AI845825	TC191501	null	Mm.44190
51762	48538	AI845864	null	null	Mm.40830
18062	10149	AI843499	TC166417	null	Mm.31866
28761	20329	AI846634	TC200763	null	Mm.41147
27325	33318	AI845834	TC189999	thrombospondin 2	Mm.26688
177537	154170	AI845871	TC201956	null	Mm.29495
73252	58663	AI843511	TC174565	null	Mm.21451
833533	463513	AI843656	TC188474	PKC delta II	Mm.2314
38210	33150	AI842725	null	null	Mm.25232
15075	9542	AI847159	TC211972	null	Mm.40852
35039	23854	AI843002	TC203003	null	Mm.2035
24447	16542	AI842678	null	null	Mm.40445
637209	421531	AI842738	TC189220	null	Mm.41375
27268	15567	AI847175	TC160801	Vav2 gene product	Mm.39302
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117810	88689	AI841228	TC190860	null	Mm.22913
124000	92682	AI841278	TC158662	neuronal glycoprotein	Mm.2968
58145	57401	AI841318	null	null	null
55025	50845	AI841354	TC187592	null	Mm.10623
37856	28071	AI841241	TC173721	beta-galactosidase	Mm.2040
123680	85538	AI841284	TC176438	null	Mm.23551
1448285	1001888	AI841329	null	null	null
28144	21891	AI841362	TC175461	null	Mm.23305
435587	272308	AI842642	TC173759	null	Mm.26680
185189	143163	AI846416	TC160639	null	Mm.41297
34581	23687	AI846471	TC200066	null	Mm.23758
106271	120712	AI846595	TC173731	null	Mm.24042
45773	39658	AI842656	TC176037	null	Mm.28427
19991	22151	AI846427	TC163091	null	Mm.25659
47170	63620	AI846565	TC203862	null	Mm.39701
0	0	AI846603	TC165146	null	Mm.9998
21892	13821	AI842906	TC161686	null	Mm.35430
694762	708006	AI842950	TC159944	tropomyosin 5	Mm.17306
30500	28297	AI843612	TC160461	neuronal ceroid lipofuscinosis	Mm.21578
39198	22794	AI843578	TC186433	null	Mm.41796
162177	124455	AI842921	TC173682	null	Mm.28725



17025	11750	AI842958	TC186324	null	null
18432	18012	AI843549	TC202208	null	Mm.22283
65662	53468	AI843624	TC166094	null	null
0	0	AI841385	TC191084	null	Mm.32720
13520	14860	AI845582	TC196332	null	Mm.51562
58803	44921	AI845623	TC160241	null	Mm.4859
27330	30352	AI845674	TC190369	null	Mm.36418
607011	387431	AI841394	TC186490	null	Mm.16783
34478	21882	AI845594	TC182776	null	Mm.39595
61728	42484	AI845638	TC187255	pancreas sodium bicarbonate co	Mm.34747
48062	30168	AI845692	null	null	Mm.39991
19613	22233	AI846627	TC188902	cysteine-rich glycoprotein	Mm.15969
60684	47521	AI845826	TC174424	null	Mm.28715
68128	55200	AI845865	TC186839	null	Mm.20348
186666	145903	AI843500	TC186396	dihydropyrimidinase related pr	Mm.22695
80768	60493	AI846635	TC202435	null	Mm.41150
145644	145743	AI845836	TC201088	26S proteasome, non-ATPase sub	Mm.27933
36201	24283	AI845872	TC161678	hypothetical protein	Mm.34697
34479	29017	AI843512	TC187100	TNF-alpha converting enzyme pr	Mm.27681
294686	263994	AI842665	TC158869	null	Mm.186
15311	9941	AI842728	TC210067	null	null
17115	12187	AI847160	null	null	null
24491	24178	AI843003	TC176696	null	Mm.35368
87553	64364	AI842679	null	null	Mm.5293
36273	32020	AI842739	TC175252	null	Mm.69102
36952	30549	AI847176	TC201324	null	Mm.20245
63249	46314	AI843016	TC177660	null	Mm.39176
0	0	AI841233	TC184666	null	null
195786	106787	AI841279	TC161569	null	Mm.5293
0	0	AI841319	TC157635	overexpressed in testicular tu	Mm.4962
79790	55297	AI841355	TC174693	null	Mm.27750
58627	66226	AI841242	TC175660	null	Mm.32033
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0	0	AI841331	TC158317	null	Mm.3862
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37175	21413	AI842644	TC204095	null	Mm.4419
0	0	AI846418	TC176037	null	Mm.28427
0	0	AI846474	TC202770	DXHXS6673E protein	Mm.23458
0	0	AI846596	TC169449	null	null
0	0	AI842657	TC174258	null	Mm.30682
0	0	AI846429	TC162104	null	Mm.41865
0	0	AI846567	TC165017	cardiac ryanodine receptor	Mm.1334
125318	218577	AI846605	TC173112	Epithelin 1 & 2	Mm.1568
223842	250804	AI842908	TC159071	wolframin	Mm.20916
0	0	AI842952	TC174382	TBPIP	Mm.18344
0	0	AI843614	TC161849	cellular retinol binding prot	Mm.2450
0	0	AI843579	TC174275	null	Mm.32801
0	0	AI842923	TC166516	null	null
79728	55654	AI842962	TC175659	latent TGF beta binding protei	Mm.19307
0	0	AI843550	TC159838	null	Mm.22171
0	0	AI843626	TC200461	null	Mm.28492

85750	77104	AI841387	TC157932	null	Mm.33734
107450	87282	AI845584	TC200431	null	Mm.1791
570437	602530	AI845630	TC186539	14-3-3 zeta protein	Mm.3360
98159	111027	AI845678	TC157921	null	Mm.43358
36469	31367	AI841395	null	null	Mm.2632
13620	9123	AI845595	TC157912	null	Mm.39845
32230	26029	AI845640	TC176578	null	Mm.26101
38120	27440	AI845693	TC178745	null	Mm.32872
38185	60396	AI846628	TC188326	null	Mm.27142
64956	64360	AI845827	TC188449	null	Mm.29391
68839	51699	AI845867	TC187790	mitochondrial inner membrane t	Mm.27393
151868	79272	AI843501	TC175833	null	Mm.18262
80073	73860	AI846637	TC162482	null	Mm.42943
127529	87256	AI845837	TC191377	null	Mm.37703
43412	39512	AI845873	TC203965	null	Mm.39384
53067	37398	AI843513	TC160131	null	Mm.34338
20609	12269	AI842666	null	null	Mm.36803
90529	77046	AI842729	TC163186	null	Mm.24446
117489	117796	AI847162	TC187091	myo-inositol 1-phosphate synth	Mm.29357
25338	24647	AI843004	TC173921	null	Mm.44111
28764	26223	AI842681	TC161229	cartilage-associated protein (	Mm.20904
37449	21109	AI842740	TC182786	null	Mm.40128
20563	22008	AI847177	TC205200	null	Mm.40994
0	0	AI843017	TC160137	Na,K-ATPase beta 3 subunit	Mm.424
0	0	AI841235	null	null	Mm.29567
167731	115085	AI841280	TC161280	null	Mm.30254
422219	365656	AI841324	null	null	Mm.39561
754927	773813	AI841357	TC157674	adenine nucleotide translocase	Mm.16228
409933	328234	AI841243	TC188732	null	Mm.23572
90735	61862	AI841289	TC186517	68 kDa heat shock protein	Mm.6388
103310	126516	AI841332	null	null	null
249417	203700	AI841364	TC188390	null	Mm.27754
0	0	AI842648	TC202996	null	Mm.41033
38077	35699	AI846419	TC163484	CTIP2 protein	null
54894	47651	AI846557	TC163880	null	Mm.22849
50973	29079	AI846597	TC178582	null	Mm.30269
0	0	AI842659	TC194470	null	Mm.39170
40045	41580	AI846432	null	null	null
38412	36889	AI846569	TC190380	null	Mm.30850
97316	154513	AI846607	TC202256	null	Mm.40636
376056	508458	AI842912	TC173982	alien-like protein	Mm.3596
0	0	AI842953	TC191329	null	Mm.39175
95809	78748	AI843615	TC175184	null	Mm.22521
49498	37284	AI843580	TC157329	null	Mm.22578
175547	192378	AI842926	TC161397	null	Mm.30212
60977	62589	AI842964	TC200410	protein phosphatase type 2A ca	Mm.11711
92360	112328	AI843551	TC202684	null	Mm.41393
162130	149315	AI843627	TC200403	autocrine motility factor rece	Mm.34641
901894	934348	AI841389	TC159831	null	Mm.42256
33811	22647	AI845587	null	null	null
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35873	27756	AI845596	TC201252	null	Mm.29802
79012	73965	AI845642	TC200228	B cell antigen receptor Ig bet	Mm.30235
29285	12105	AI845694	TC190741	null	Mm.39738
45013	36360	AI846630	TC205408	null	Mm.44121
123186	134541	AI845829	TC159630	asialoglycoprotein receptor	Mm.6559
421185	280905	AI845868	TC200319	MHC NOD beta chain precursor	Mm.6716
38795	36506	AI843505	TC164626	null	Mm.41078
245214	344242	AI846638	null	null	Mm.39854
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442297	411323	AI845874	TC204917	null	Mm.3104
98102	84525	AI843514	TC190394	null	Mm.22519
27900	19004	AI842667	TC173809	preprodipeptidyl peptidase I	Mm.684
132891	130113	AI842733	null	null	Mm.40127
56436	46180	AI847165	TC182761	null	Mm.40495
140392	169819	AI843008	TC188913	mszf55-1	Mm.16650
134288	102965	AI842684	TC160582	interferon regulatory factor 3	Mm.3960
166521	160959	AI842741	TC176171	RORgamma orphan nuclear recept	Mm.4372
104306	106907	AI847179	TC201587	null	Mm.29615
0	0	AI843021	TC193278	null	Mm.23049
20746	15701	AI843902	null	null	null
30993	27656	AI847760	TC158261	null	Mm.38994
29158	18113	AI847799	TC163750	null	Mm.44090
111193	79066	AI846106	TC208657	null	Mm.40477
72090	60871	AI843909	TC188940	T-Brain-1	Mm.14158
0	0	AI847770	TC210020	null	Mm.39385
13849	10434	AI847810	TC173464	null	Mm.19825
87245	90014	AI846119	TC157296	null	Mm.5649
0	0	AI834908	null	null	Mm.40369
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644025	563720	AI846525	TC174045	null	Mm.29159
18892	19841	AI842061	TC201787	null	Mm.27853
73456	40563	AI834914	TC173495	selenoprotein W	Mm.42829
0	0	AI846490	TC200930	phosphatidylinositol transfer	Mm.3128
55414	61521	AI846533	TC174324	UbcM4 interacting protein 48;	Mm.27934
99405	53559	AI842069	TC186831	Mxi-WR protein	Mm.2154
44608	29698	AI847245	null	null	Mm.21625
22061	13754	AI847321	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
29833	26704	AI847410	TC189545	unnamed protein product	Mm.33318
9991	10412	AI847447	TC157723	fascin	Mm.13194
96866	89982	AI847253	TC203115	null	Mm.44907
0	0	AI847333	TC189568	GD3-alpha-2,8-sialtransferase	Mm.41726
121923	144979	AI847420	TC186439	ribosomal protein L21	Mm.29896
13125	14705	AI847453	null	null	Mm.41100
65092	56388	AI845896	TC163075	null	Mm.29463
120384	89466	AI845947	TC158240	null	Mm.4580
1411932	1006125	AI846927	TC175489	fosB protein (AA 1-338)	Mm.26091
73102	58065	AI846243	TC200912	null	Mm.18706
35332	34760	AI845915	TC161287	null	Mm.21864
69299	57971	AI845957	TC179610	null	Mm.39386

48533	68084	AI846944	TC201422	null	null
17225	8940	AI846254	TC190340	null	Mm.36404
38985	40752	AI842096	TC177855	null	Mm.40118
79322	76498	AI847281	TC187698	BRAK CXC chemokine	Mm.30211
23514	13635	AI847365	TC160768	7B2 preprotein (AA -26 to 186)	Mm.4836
104805	82121	AI846653	TC203514	null	Mm.22845
0	0	AI842106	null	null	Mm.39165
10394	7776	AI847293	TC186912	unnamed protein product	Mm.41277
32099	24029	AI847371	TC186652	null	Mm.30000
15479	15498	AI846663	TC194992	null	Mm.40856
0	0	AI847489	TC159173	Notch4	Mm.4404
14918	10451	AI847847	TC192082	null	Mm.39398
14190	9010	AI847880	TC200382	PCTAIRE-1 protein kinase	Mm.4597
7226	8128	AI847525	TC157728	kinesin heavy chain	Mm.3380
40331	40910	AI847499	TC187268	null	Mm.31076
52071	61404	AI847855	TC207403	null	null
30642	25635	AI847888	TC203083	kinesin light chain 2	Mm.12958
0	0	AI847543	null	null	null
25816	15968	AI843903	TC208532	null	Mm.37278
27484	29834	AI847763	TC202585	null	Mm.41724
116290	119895	AI847801	TC188264	heparan sulfate 6-sulfotransfe	Mm.27195
19829	22002	AI846102	TC187327	null	Mm.29264
213669	172703	AI843910	null	null	Mm.40454
41637	48287	AI847771	TC177062	activated leukocyte cell adhes	Mm.2877
160403	131813	AI847812	TC202221	null	Mm.24302
0	0	AI846120	TC201780	neuropathy target esterase hom	Mm.23085
95197	80382	AI834909	TC174177	null	Mm.38505
86858	57763	AI846483	TC159095	null	Mm.39605
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33081	33358	AI846493	TC187859	null	Mm.22284
168607	129893	AI846534	TC161811	null	Mm.36811
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30211	26242	AI847324	TC194398	null	null
42631	31641	AI847411	TC204015	null	Mm.40016
46292	58798	AI847448	TC205829	null	Mm.43133
230276	243774	AI847254	TC187467	null	Mm.28064
319132	395476	AI847338	TC186575	null	Mm.29919
16221	12742	AI847423	TC176608	null	Mm.41938
282205	239231	AI847455	TC160161	Rab10	Mm.9455
105354	94267	AI845897	TC186597	synaptotagmin 4	Mm.2446
26769	17613	AI845948	TC203816	null	Mm.40834
865907	416883	AI846930	TC200643	putative membrane associated p	Mm.9052
87077	80077	AI846244	TC161249	null	Mm.38451
44051	52268	AI845919	TC187766	unc-18 homologue	Mm.3129
61789	67873	AI846887	TC188056	null	Mm.20414
64413	63781	AI846946	TC202506	null	Mm.27136
53277	42568	AI846257	null	null	null
70982	56765	AI842097	TC173773	null	Mm.24312

100343	84929	AI847282	TC187296	null	Mm.24197
156728	110398	AI847366	TC173279	NFE2-related factor 1	Mm.6743
20765	19318	AI846654	TC175168	null	Mm.41264
36588	29245	AI842109	TC178799	null	null
31224	31552	AI847295	TC161746	null	Mm.24431
91689	66500	AI847372	TC175486	null	Mm.23926
0	0	AI846664	TC168048	null	null
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246149	282988	AI847881	TC158871	60S ribosomal protein	Mm.42578
198480	195468	AI847530	TC158943	NNP-1	Mm.38344
974131	633498	AI847502	TC187024	dihydrolipoamide dehydrogenase	Mm.3131
356117	329678	AI847856	null	null	null
175225	141070	AI847889	TC159068	null	Mm.29574
401135	372689	AI847544	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
28191	20929	AI843905	TC167348	null	Mm.39183
81429	66157	AI847764	TC159505	defender against cell death 1	Mm.2547
101457	76846	AI847802	TC202355	null	Mm.22334
61116	50796	AI846112	TC165577	null	Mm.39600
149525	129058	AI843911	TC201168	glucocorticoid-induced leucine	Mm.22216
57744	47258	AI847772	TC162218	type II phosphatidylinositolph	Mm.8771
41156	27586	AI847813	TC207306	null	Mm.44073
44995	70208	AI846046	TC178808	null	Mm.40166
47569	42320	AI834910	null	null	null
26058	17809	AI846484	null	null	Mm.5293
352389	300975	AI846528	null	null	Mm.40486
28226	26316	AI842063	null	null	Mm.40801
13211	21887	AI834917	TC162274	growth factor regulated calciu	Mm.36248
42040	34473	AI846495	TC162703	null	Mm.29502
128073	88333	AI846536	TC160976	null	Mm.29118
72248	57404	AI842074	TC161980	null	Mm.40653
38353	34985	AI847247	TC210098	null	Mm.39859
193919	159833	AI847325	TC173141	monoclonal nonspecific suppres	Mm.4890
52262	54390	AI847412	TC192271	null	Mm.40073
20876	19294	AI847449	TC189000	null	Mm.68831
36441	33641	AI847255	TC175920	null	Mm.34795
79132	72657	AI847342	TC158070	null	Mm.39467
69056	47225	AI847424	TC188246	Fus1 protein	Mm.21739
108222	68357	AI847459	TC175778	null	Mm.29451
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9597	23537	AI846245	TC177738	null	null
54102	56612	AI845920	TC188095	null	Mm.28430
52028	48175	AI846889	TC160611	null	Mm.29028
25243	25792	AI846947	null	null	null
115146	107661	AI846260	TC186442	ubiquitin conjugating enzyme	Mm.1570
43427	25900	AI842099	TC204120	protein kinase C	Mm.1266
32940	38219	AI847285	TC190821	apoptosis signal-regulating ki	Mm.36640
235572	187793	AI847367	null	null	Mm.40170
83988	49131	AI846656	TC163593	null	Mm.45554

20391	16701	AI842113	null	null	null
14899	8640	AI847296	TC187889	null	Mm.41190
19959	20387	AI847378	TC206893	null	Mm.39741
45819	28134	AI846666	TC169443	null	null
93517	81614	AI847493	TC174271	translocase of inner mitochond	Mm.24565
166158	115336	AI847850	TC159525	sarco-endoplasmic reticulum Ca	Mm.42255
32966	25519	AI847882	TC187196	Pftaire-1	Mm.63738
62682	53582	AI847531	TC173784	LIS	Mm.64447
62476	43616	AI847821	TC176249	null	Mm.35802
82972	64764	AI847858	null	null	null
57630	39935	AI847890	TC157724	myelin proteolipid	Mm.1268
42040	26538	AI847546	TC161205	unnamed protein product	Mm.29749
89637	64480	AI843906	null	null	Mm.39368
42948	21292	AI847765	TC160981	null	Mm.41642
164600	132493	AI847803	null	null	Mm.859
88548	84752	AI846113	TC186753	null	Mm.41384
22427	12216	AI843913	TC157298	null	Mm.37338
41042	34838	AI847774	TC202316	null	Mm.27773
89464	63819	AI847814	TC176040	null	Mm.34342
109078	87940	AI846047	TC189878	null	Mm.38563
81450	49092	AI834911	null	null	Mm.39306
69952	126768	AI846486	TC159923	small EDRK-rich factor 2	Mm.1106
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92129	76574	AI842066	TC162008	null	Mm.41555
28835	32891	AI834918	null	null	Mm.43795
74437	55564	AI846497	TC204278	G-protein alpha-z subunit	Mm.44119
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52912	40576	AI842075	TC173246	GP106	Mm.21251
14188	9229	AI847248	TC188521	null	Mm.42359
275919	230260	AI847330	TC186440	null	Mm.19060
47980	35122	AI847417	TC161671	null	Mm.28136
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69424	57078	AI847257	TC175276	null	Mm.68419
108778	97675	AI847346	TC161870	null	Mm.26212
63423	48524	AI847426	TC161098	null	Mm.41678
23827	21187	AI847460	TC193352	null	Mm.40857
15851	12300	AI845901	TC162234	null	Mm.29011
34850	27847	AI845953	TC188162	null	Mm.27932
235198	139716	AI846935	TC173838	null	Mm.30103
0	0	AI846248	TC179096	null	Mm.40482
13478	7854	AI845923	TC186597	synaptotagmin 4	Mm.2446
118823	94107	AI846890	TC188580	null	Mm.24025
14500	16622	AI846948	TC213534	null	null
104712	94158	AI846262	TC163893	null	null
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87967	164404	AI847288	TC187837	null	Mm.41217
61403	66994	AI847368	TC160334	translin	Mm.14644
37535	38436	AI846658	TC161148	MALA-2 protein	Mm.24423
25220	18702	AI842114	TC175044	null	Mm.36700
27195	28473	AI847300	TC202418	null	Mm.41551
23706	23366	AI847379	TC174065	unknown	Mm.23943

132313	128002	AI846667	TC186794	null	Mm.27357
19904	11893	AI847494	TC164122	null	Mm.45066
64578	60798	AI847851	TC170177	null	null
144507	154254	AI847883	TC187194	null	Mm.17917
314802	161706	AI847532	TC160283	ATP-specific succinyl-CoA synt	Mm.19154
39837	40972	AI847823	TC206844	null	null
28868	24125	AI847859	TC179903	null	null
52310	34011	AI847891	TC192595	null	Mm.40558
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0	0	AI847804	TC161438	fibrillarlin	Mm.4595
0	0	AI846116	TC162576	null	Mm.68476
71042	55585	AI843915	TC161892	null	Mm.40548
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0	0	AI846048	TC161053	null	Mm.20273
0	0	AI834912	null	null	null
0	0	AI846487	TC164743	serine/threonine-protein kinas	Mm.41413
22564	14364	AI846531	TC174262	null	Mm.29706
4838	7218	AI842067	TC175632	null	Mm.39703
0	0	AI834919	TC194571	null	Mm.39508
0	0	AI846498	null	null	Mm.39853
0	0	AI846540	null	null	null
21219	16679	AI842076	TC160083	null	Mm.22559
0	0	AI847249	TC203377	null	Mm.27680
0	0	AI847331	TC160495	NPC1	Mm.3484
46388	67210	AI847418	TC161832	null	Mm.5918
0	0	AI847451	TC204168	null	Mm.26648
26510	32584	AI847258	TC158185	glutathione peroxidase	Mm.1090
0	0	AI847348	TC173610	ATP sulfurylase/APS kinase	Mm.18161
76391	49167	AI847429	TC161030	null	Mm.28664
77970	70339	AI847461	TC189015	null	Mm.41394
153353	158506	AI845902	TC200309	null	Mm.12459
206806	141861	AI845954	TC201893	null	Mm.27820
70586	47522	AI846937	TC163423	null	Mm.41761
20447	14969	AI846250	null	null	Mm.39196
451319	380301	AI845925	TC204289	null	null
104999	77308	AI846893	TC175868	null	Mm.25648
70839	67764	AI846949	TC187080	nuclear pore-targeting complex	Mm.16710
70637	50938	AI846266	TC165724	glutamate receptor channel sub	Mm.3292
50990	35027	AI842102	TC160377	null	Mm.28848
19310	13778	AI847289	TC176281	null	Mm.40773
63108	37954	AI847369	TC190537	null	Mm.183
30559	22840	AI846659	TC180311	null	Mm.45026
52675	18242	AI842115	TC201271	homologous to the yeast YGR163	Mm.28746
722624	811094	AI847301	TC159737	surfeit 3 protein	Mm.725
41065	38201	AI847380	TC186684	null	Mm.24808
656580	582933	AI846668	TC200349	Rho family GTPase RhoA	Mm.757
451809	536383	AI847496	null	null	Mm.41223
96435	91047	AI847852	TC176251	null	Mm.37854

151824	121519	AI847886	TC187124	null	Mm.22369
102512	107709	AI847534	TC161243	null	Mm.41840
105362	100884	AI847824	TC161848	null	Mm.41225
189544	113328	AI847860	TC174000	null	Mm.24222
66185	43903	AI847892	TC198604	null	null
144834	192479	AI847551	TC201261	fibroblast growth factor induc	Mm.14501
496345	507486	AI843908	TC186558	RIE2	Mm.30051
115485	165852	AI847767	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
32005	102606	AI847805	TC173107	minopontin precursor (AA -66 t	Mm.321
66821	75161	AI846118	TC174184	null	Mm.28594
46396	27094	AI843917	TC189560	null	Mm.30571
26783	26486	AI847781	TC190393	null	Mm.4971
198336	213790	AI847817	TC188344	ZO-1	Mm.4342
1003259	655648	AI846049	TC191019	lim1	Mm.4965
0	0	AI834913	TC186595	null	Mm.41602
23670	15588	AI846488	TC161063	thymic epithelial cell surface	Mm.29710
0	0	AI846532	null	null	Mm.28012
58778	57768	AI842068	TC160385	null	Mm.29436
825689	1082314	AI834923	TC159762	G protein beta subunit like	Mm.5305
171895	136951	AI846500	TC161496	null	Mm.22358
41029	30907	AI846541	TC204230	neurofilament protein	Mm.2034
45032	39645	AI842077	TC189105	null	Mm.23843
933530	646233	AI847251	TC160074	casein kinase I-alpha	Mm.43737
123948	100916	AI847332	TC174282	null	Mm.21761
25095	21417	AI847419	TC178841	null	Mm.36717
23188	19968	AI847452	TC163346	null	Mm.40500
130764	143411	AI847259	TC177317	null	Mm.40700
564039	396669	AI847350	TC194992	null	Mm.40856
62406	62468	AI847431	TC189457	null	Mm.23073
71222	62460	AI847462	TC187617	null	Mm.29690
41422	38795	AI845904	TC158346	null	Mm.40164
63561	56462	AI845956	TC192047	Potassium channel protein	Mm.39092
81107	121958	AI846943	TC157671	tyrosine kinase	Mm.6839
42042	33905	AI846251	TC202428	null	Mm.39717
79513	70423	AI845926	TC175827	null	Mm.29449
123548	87750	AI846894	TC190447	null	Mm.24238
7714	5568	AI846950	TC166602	null	Mm.44943
120932	116822	AI846268	TC187068	null	Mm.719
32233	29710	AI842103	TC201598	null	Mm.40119
0	0	AI847292	TC160240	null	Mm.37504
69231	63702	AI847370	TC201065	secretory carrier membrane pro	Mm.3230
41050	158343	AI846661	TC175048	null	Mm.33757
271880	252908	AI842116	null	null	Mm.39813
47051	34425	AI847302	TC178012	null	Mm.39609
35043	24404	AI847381	TC173441	retinoblastoma-binding protein	Mm.12145
104991	93632	AI846669	null	null	null
31179	33278	AI847498	TC200227	null	Mm.30195
12196	13467	AI847853	TC205306	null	Mm.37943
96033	58107	AI847887	TC163119	PCTAIRE-3 protein kinase	Mm.28130
0	0	AI847541	TC163246	zinc finger protein	Mm.12832
40559	43527	AI847825	null	null	Mm.34515



414430	346734	AI847861	TC159484	protein kinase	Mm.1059
254795	217429	AI847893	TC201506	mitogen-activated protein kina	Mm.22612
70262	92018	AI847553	TC190801	null	null
106071	87379	AI843998	TC187078	calcineurin	Mm.41741
19743	15745	AI842787	TC160960	null	null
219679	176191	AI846980	TC162333	zinc transporter 4; ZnT4	Mm.27801
111927	83326	AI847030	TC188316	deformed epidermal autoregulat	Mm.28392
17106	18989	AI842756	TC162036	null	Mm.4857
34381	30849	AI842800	TC192632	null	Mm.35102
31848	24513	AI846990	TC161209	null	Mm.29139
78975	84640	AI847039	null	null	Mm.40493
0	0	AI848060	TC161743	nephrocystin	Mm.38522
84245	71724	AI848173	TC200973	null	Mm.28541
43520	32435	AI848208	TC202535	null	Mm.35084
13132	10175	AI849579	TC165074	null	Mm.40190
0	0	AI848149	TC207113	null	Mm.39614
102458	97818	AI848183	TC187390	null	Mm.29150
30761	32121	AI848220	TC190811	null	Mm.40609
22967	23836	AI849595	TC194986	null	Mm.40876
91029	85738	AI844800	TC173826	calpactin I light chain	Mm.1
104666	117601	AI844866	TC173379	zinc finger protein ZNF216	Mm.2904
86289	91236	AI844823	TC174517	protein 4.1	Mm.30038
15429	6117	AI849137	TC183477	null	Mm.48703
80488	69444	AI844807	TC159107	null	Mm.34951
102104	82397	AI844873	TC186867	vacuolar adenosine triphospat	Mm.29045
48707	36481	AI844831	null	null	Mm.5293
80133	68853	AI849144	TC175037	NUP50	null
31670	21838	AI848082	TC170189	null	Mm.40510
71767	56749	AI848114	TC160957	null	Mm.28551
200534	251368	AI845964	TC157657	ribosomal protein S17	Mm.42767
20766	13509	AI846002	TC163498	null	Mm.29252
12068	16731	AI848090	TC161089	null	Mm.27863
57643	56469	AI848122	TC170188	null	Mm.39864
5954	7928	AI845974	TC205983	null	Mm.22915
149128	164779	AI846013	null	null	Mm.39387
22781	16214	AI848398	TC174947	null	Mm.41365
0	0	AI848424	TC163685	null	Mm.41355
131273	113677	AI848454	TC160876	null	Mm.22192
62836	49225	AI849487	null	null	null
24407	23218	AI848404	TC202201	null	Mm.29038
48435	42907	AI848431	TC197038	null	null
98538	89084	AI848462	TC188434	G-rich box-binding protein	Mm.417
47454	35939	AI849503	TC176407	null	Mm.41254
249666	213362	AI849165	TC186642	null	Mm.28586
220119	108532	AI849195	TC200849	null	Mm.27354
15679	12963	AI849227	TC157646	adrenocorticotropic hormone pr	Mm.21878
18443	14664	AI849270	TC202661	null	Mm.30896
36318	27387	AI849174	TC176685	null	null
11460	10402	AI849202	TC176771	null	Mm.41770
19778	9673	AI849239	TC163674	null	Mm.25644
79750	84945	AI849279	TC159568	ATPase	Mm.29582

51891	57037	AI843999	TC179787	null	null
43544	21475	AI842788	TC203093	null	Mm.29875
12107	14917	AI846981	TC210001	null	Mm.26355
213304	215051	AI847031	TC186866	integrin alpha 6 subunit precu	Mm.25232
18218	17367	AI842757	TC206359	null	Mm.39172
216460	189993	AI842801	TC202926	null	Mm.17875
31632	20506	AI846994	null	null	Mm.21600
125137	106873	AI847041	TC160959	null	Mm.28899
20107	21102	AI848139	TC202759	null	Mm.41153
19825	11797	AI848174	TC204486	null	Mm.31344
13120	12280	AI848209	TC175335	null	Mm.3080
14416	8025	AI849581	TC194323	null	Mm.57471
9672	4479	AI848150	TC186804	lithium-sensitive myo-inositol	Mm.8089
53718	47436	AI848184	TC188176	null	Mm.27971
113647	69253	AI848221	TC160750	null	Mm.42826
97243	99181	AI849599	TC157824	histidyl-tRNA synthetase	Mm.10528
302786	142607	AI844801	TC159993	succinate dehydrogenase Fp sub	Mm.22149
128785	121126	AI844868	TC202831	null	Mm.34908
34909	30377	AI844824	TC203578	endothelin-B receptor	Mm.2377
41416	20850	AI849138	TC201988	null	Mm.40186
138875	139667	AI844808	TC199896	null	Mm.22491
34382	23313	AI844874	TC159595	collagen pro-alpha-1 type I ch	Mm.22621
281811	350682	AI844833	TC163175	null	Mm.46506
220647	248570	AI849146	TC189303	null	Mm.30927
78604	59988	AI848083	TC160965	Id4	Mm.28223
0	0	AI848115	TC189317	null	Mm.28619
500107	364968	AI845967	TC174604	cathepsin S	Mm.3619
32895	33255	AI846004	TC200561	OSF-1	Mm.3063
385842	259173	AI848091	TC200596	SDP3	Mm.7356
57040	45810	AI848123	TC161358	null	Mm.41910
70133	59068	AI845975	TC200286	coronin-1	Mm.27317
156650	169390	AI846014	TC160985	null	Mm.28870
25299	20807	AI848399	TC210687	null	Mm.39207
69566	53345	AI848425	TC162948	null	Mm.41476
197174	153652	AI848455	TC200126	p59 immunophilin	Mm.12758
152764	111847	AI849489	TC173732	null	Mm.12390
39962	29113	AI848405	TC162662	null	null
23454	14247	AI848433	null	null	Mm.40867
27521	14043	AI848463	TC191403	null	Mm.41283
109250	89542	AI849504	TC191684	null	Mm.40873
80336	50603	AI849168	TC204315	neurexin II	Mm.38036
84695	59745	AI849196	TC200913	null	Mm.3310
85468	79013	AI849229	TC159962	null	Mm.33808
405597	242399	AI849271	TC159726	null	Mm.29165
30091	25963	AI849175	TC202984	null	Mm.28871
66241	54357	AI849205	TC157880	null	Mm.2152
109946	120347	AI849240	TC203137	null	null
29012	18607	AI849280	TC188043	null	Mm.29989
187469	159386	AI844000	null	null	Mm.40147
24883	24086	AI842791	TC180774	null	Mm.55641
51405	54641	AI846983	TC189039	MAPB1 protein (AA 1-2464)	Mm.4323

353973	206297	AI847032	TC173394	cytochrome c oxidase subunit V	Mm.2151
43945	28000	AI842759	TC188635	2-amino-3-ketobutyrate-coenzym	Mm.33728
68624	54539	AI842803	TC158389	includes exons 3 through 12	Mm.34810
29420	27169	AI846995	TC178485	null	null
20981	12175	AI847045	TC175663	Ser/Thr kinase KKIAMRE-delta	Mm.18133
30532	38572	AI848140	null	null	Mm.16773
0	0	AI848175	TC201964	null	Mm.33848
35880	33497	AI848216	TC186679	null	Mm.28670
0	0	AI849583	TC188783	null	Mm.41523
36868	37661	AI848153	TC179629	null	Mm.31289
26804	32162	AI848189	TC200436	null	Mm.29890
58447	79169	AI848222	TC160742	GDP-dissociation inhibitor	Mm.28187
7060	21091	AI849600	TC202530	null	Mm.29458
29709	27242	AI844802	TC161425	transcriptional repressor RP58	Mm.27962
67707	57802	AI844869	TC180553	null	Mm.40468
9774	7256	AI844826	TC162407	neurotensin receptor	Mm.5153
0	0	AI849139	TC179446	null	Mm.40515
23442	15393	AI844809	null	null	null
58077	64140	AI844875	TC202385	branched-chain amino acid amin	Mm.4811
152395	200996	AI849117	TC159808	Csa-19	Mm.2424
104576	112821	AI849147	TC164332	null	Mm.41763
112938	63856	AI848085	TC207418	null	Mm.39400
156678	164771	AI848116	TC173252	translation repressor NAT1	Mm.525
176707	140026	AI845968	TC159978	plasma phospholipid transfer p	Mm.7046
52120	32501	AI846005	TC186704	null	Mm.34411
70603	52328	AI848093	TC162311	null	Mm.7686
56022	51253	AI848124	TC176734	null	Mm.39700
51644	50466	AI845976	TC210017	null	Mm.43862
20717	14878	AI846016	TC202448	ADP-ribosylation factor-direct	Mm.5237
146231	197571	AI848400	TC160349	null	Mm.35844
350862	210214	AI848426	TC164246	mkr3	Mm.1176
238759	206036	AI848457	TC173569	proteasome subunit X	Mm.8911
43462	37019	AI849495	TC163249	null	Mm.24637
52040	37462	AI848406	TC176851	null	Mm.39208
38346	30730	AI848435	TC187262	null	Mm.28422
28376	23958	AI848465	TC210815	null	Mm.63855
97327	79361	AI849505	TC164582	null	Mm.39284
21642	17798	AI849170	TC162035	beta subunit of Ca <sup>2+</sup> /calmodu	Mm.4857
49892	40030	AI849197	null	null	Mm.35851
56156	38076	AI849232	TC202564	null	Mm.27738
161442	135053	AI849272	TC161697	null	Mm.40517
193366	185329	AI849176	TC173490	heparin binding protein 44	Mm.4560
24079	19469	AI849206	TC169694	null	Mm.44127
64820	55983	AI849242	TC205663	null	Mm.38573
167661	96376	AI849281	TC173053	pro-alpha-2(I) collagen	Mm.4482
147890	120823	AI842746	null	null	null
44000	46133	AI842792	null	null	Mm.39173
53589	42679	AI846984	TC174165	null	Mm.10285
85305	44818	AI847035	null	null	Mm.39394
202332	167399	AI842763	TC205901	epidermal growth factor recept	Mm.11545
29099	26595	AI842806	TC209978	null	null

25749	24456	AI846999	null	null	null
34272	33486	AI848062	TC168211	null	Mm.2523
81971	94375	AI848146	TC158427	null	Mm.28488
149266	148144	AI848176	TC200434	null	Mm.23693
140083	117709	AI848217	TC161830	null	Mm.22726
29562	100458	AI849590	TC204968	null	Mm.32839
164042	178356	AI848154	TC200308	BTEB-1 transcription factor	Mm.24329
262095	177770	AI848190	TC200182	null	Mm.1893
41535	38649	AI848224	TC203336	null	null
0	0	AI849602	TC206958	null	Mm.68524
108224	92692	AI844804	TC186759	null	Mm.5856
56214	47569	AI844870	TC177969	engrailed protein	Mm.4298
26309	21249	AI844827	TC201953	mitochondrial ribosomal protei	Mm.364
10243	10758	AI849140	TC180955	null	null
67484	64141	AI844810	TC189095	protein kinase	Mm.18856
34932	31785	AI844876	null	null	Mm.36670
511660	567478	AI849118	null	null	Mm.5293
22546	11968	AI849148	null	null	null
0	0	AI848086	TC180896	null	Mm.39613
21713	14758	AI848117	null	null	Mm.15571
18286	12381	AI845970	TC157456	null	Mm.40254
33630	20828	AI846007	null	null	null
0	0	AI848094	TC200725	null	Mm.29685
145355	133115	AI848125	TC203290	adenylosuccinate synthetase	Mm.3440
29897	24791	AI845977	TC188622	null	Mm.21568
66545	55826	AI846017	TC160901	null	Mm.33947
46053	55632	AI848401	TC189067	null	Mm.45746
363463	335996	AI848427	TC200628	vesicle associated membrane pr	Mm.28643
154280	159041	AI848458	TC161159	null	Mm.29452
43489	35281	AI849496	TC177978	null	Mm.41284
0	0	AI848407	TC159647	prealbumin	Mm.2108
188159	154443	AI848438	null	null	Mm.41663
11196	10135	AI848466	TC201263	carbonyl reductase	Mm.21454
38274	24912	AI849507	TC189459	null	Mm.44128
77491	63918	AI849171	TC160435	aortic carboxypeptidase-like p	Mm.35788
22029	20902	AI849198	TC164978	null	Mm.32107
32822	22563	AI849233	TC181735	null	null
43573	28392	AI849273	TC164649	null	Mm.33388
71471	70149	AI849177	TC163672	null	Mm.41639
48716	33237	AI849208	TC177737	neuronal protein 4.1	Mm.20852
34802	31944	AI849245	TC187923	tryptophan--tRNA ligase	Mm.38433
17900	15572	AI849282	TC202850	null	Mm.32646
0	0	AI842752	TC174040	TOLLIP protein	Mm.29519
0	0	AI842795	TC176273	null	Mm.23971
53912	48674	AI846985	TC175842	null	Mm.27397
30162	39162	AI847036	TC188993	null	Mm.41554
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0	0	AI847000	TC189660	Pdcd9	Mm.29109
0	0	AI848063	TC161745	null	Mm.34452
0	0	AI848147	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355

0	0	AI848177	TC186528	null	Mm.27401
0	0	AI848218	TC164452	null	Mm.39972
9494	6894	AI849592	TC201799	RNA binding protein Elavl4	Mm.3970
0	0	AI848155	TC175025	null	Mm.18876
0	0	AI848191	TC201063	house-keeping protein	Mm.103
0	0	AI848225	TC200530	null	Mm.27671
22961	21404	AI849605	TC163098	null	Mm.30702
74787	50816	AI844805	TC174480	null	Mm.27206
96957	90255	AI844871	TC188772	null	Mm.41640
0	0	AI844828	TC162848	glycine transporter	Mm.2834
0	0	AI849142	TC187318	mitotic checkpoint protein BUB	Mm.927
0	0	AI844846	TC188540	null	Mm.24395
0	0	AI844877	TC165842	null	null
0	0	AI849119	TC163383	null	Mm.1896
41687	41197	AI849149	TC173194	null	Mm.29815
34957	38610	AI848088	TC200934	beta-1,4-galactosyltransferase	Mm.24545
80356	79433	AI848120	TC162564	null	Mm.23079
253228	209975	AI845971	TC175277	null	null
57421	42744	AI846009	TC157249	null	Mm.23141
114689	79414	AI848095	TC190084	null	Mm.41614
17991	13758	AI848126	null	null	Mm.39205
263507	180622	AI845979	null	null	Mm.39598
232709	230718	AI846018	null	null	null
31068	22403	AI848402	TC158218	MHC H2-TL-T17-c	Mm.33263
43346	28955	AI848429	TC190825	null	Mm.39466
50409	36599	AI848459	TC169492	null	Mm.40180
23123	18066	AI849501	null	null	null
139751	129048	AI848408	TC159878	Id2 protein	Mm.1466
112354	84518	AI848439	TC175832	null	Mm.41932
158084	108374	AI848468	TC201060	null	Mm.1608
58186	45904	AI849508	TC181510	null	Mm.39876
0	0	AI849172	TC158621	null	Mm.41019
91946	73340	AI849199	TC188594	null	Mm.44126
244206	269619	AI849235	TC173252	translation repressor NAT1	Mm.525
34126	26680	AI849275	TC187727	null	Mm.38956
75999	44835	AI849178	null	null	Mm.43125
28598	25717	AI849209	TC159444	null	Mm.19133
79631	133822	AI849247	TC181475	null	Mm.24111
699623	812098	AI849283	TC161262	null	Mm.39625
108876	123068	AI842754	TC160153	null	Mm.29971
432762	576220	AI842796	null	null	Mm.40129
90854	85086	AI846986	TC205945	null	Mm.41139
95376	72062	AI847038	null	null	null
87406	43726	AI842765	TC176935	null	Mm.26548
433869	367632	AI842812	null	null	null
261710	229102	AI847002	TC187286	vacuolar adenosine triphosphat	Mm.1081
106071	113646	AI848064	TC165387	possible additional N terminal	Mm.4947
27391	15029	AI848148	TC210691	null	Mm.39401
71718	61506	AI848179	TC202665	null	Mm.38431
57030	50170	AI848219	TC201827	unnamed protein product	Mm.27160
45170	27215	AI849594	TC162509	G-protein coupled receptor	Mm.12860

186188	179136	AI848156	TC191244	null	Mm.41233
59600	31890	AI848192	TC175262	preprosomatostatin	Mm.2453
34251	45066	AI849543	TC203092	null	Mm.41867
35142	32043	AI849606	TC201413	folate receptor alpha precursor	Mm.2135
149220	149563	AI844806	TC187186	Borg4	Mm.21921
29601	19709	AI844872	TC164022	seven pass transmembrane recep	Mm.39728
55257	41901	AI844829	TC161345	null	Mm.41181
44331	25679	AI849143	TC174757	null	null
112724	109529	AI844847	TC190310	null	Mm.29167
0	0	AI844878	TC161485	null	Mm.40276
70544	80857	AI849120	TC161790	TDAG51	Mm.3117
203619	209421	AI849150	TC162753	null	Mm.29777
33233	35042	AI848089	TC206310	zinc-finger homeodomain protei	Mm.41522
90302	70539	AI848121	TC175308	Herc2	Mm.20929
53598	54875	AI845973	TC177398	null	Mm.39848
41289	39943	AI846010	TC203056	DNA polymerase zeta catalytic	Mm.2167
131747	69214	AI848096	TC189947	DAL1P	Mm.40511
19864	16769	AI848127	TC161948	null	Mm.29963
48203	38367	AI845981	TC200609	null	Mm.27319
142341	158114	AI846019	TC186853	unknown	Mm.692
234959	220068	AI848403	TC203236	cGMP phosphodiesterase; PDE9A1	Mm.10812
492238	379790	AI848430	TC188889	null	Mm.26506
0	0	AI848460	null	null	null
163170	220665	AI849502	TC159443	CDEI binding protein	Mm.19133
23227	17751	AI848409	TC205987	null	Mm.39870
70000	51400	AI848441	TC174234	null	Mm.28876
39758	44356	AI848469	TC201427	null	Mm.21407
241539	146225	AI849509	TC158204	MHC class I heavy chain precur	Mm.33263
0	0	AI849173	TC165253	null	Mm.44231
99847	63088	AI849200	TC174109	glutathione transferase	Mm.2662
35810	26224	AI849238	TC159857	null	Mm.25298
33215	24734	AI849278	TC178636	null	Mm.40187
0	0	AI849179	TC204025	null	Mm.27813
67860	32449	AI849210	TC158807	insulin-like growth factor bin	Mm.22248
215247	150787	AI849249	null	null	null
87777	102797	AI849284	TC194166	null	Mm.51575
63309	50914	AI849006	TC165921	null	null
17521	9486	AI844455	TC165852	null	null
47631	33126	AI844496	TC158424	put. RP2 protein (aa 1-357)	Mm.27194
311427	369817	AI848720	null	null	null
34393	31287	AI849017	TC175978	prediabetic NOD sera-reactive	Mm.18805
26186	54388	AI844467	null	null	Mm.43100
58586	44441	AI844512	null	null	null
25091	27889	AI848726	TC206327	null	Mm.35785
140413	138398	AI849697	TC187297	null	Mm.60980
0	0	AI844305	TC160898	null	Mm.38173
49019	44648	AI849712	TC199325	null	Mm.40193
104112	64844	AI849761	TC161356	PRAJA1	Mm.8211
27851	21828	AI844267	TC158384	null	Mm.29729
49614	54133	AI844316	TC174981	junD protein (AA 1-341)	Mm.1175
97442	72970	AI849722	TC157732	null	Mm.22179

87367	84462	AI849768	TC208717	null	Mm.40629
70879	60810	AI850339	TC203544	DSD-1-proteoglycan	Mm.40277
16305	11959	AI850383	null	null	null
69824	48644	AI850419	TC200669	null	Mm.30242
223614	200780	AI850470	null	null	Mm.40887
0	0	AI850351	TC205070	null	Mm.32955
24157	14146	AI850389	TC173974	null	Mm.13430
60908	69797	AI850427	TC186800	WSB-1	Mm.28719
9372	9473	AI850480	TC176966	null	Mm.39977
363524	396643	AI848744	TC159469	heat shock protein 84	Mm.2180
34351	24958	AI844545	TC178200	null	Mm.43345
19005	10522	AI844565	null	null	Mm.39585
8780	8591	AI844579	null	null	Mm.5293
30544	22208	AI848746	TC158978	brain amphiphysin 2	Mm.4383
30813	36258	AI844550	TC190606	null	Mm.32086
0	0	AI848793	null	null	Mm.5152
19566	16710	AI844589	TC191270	null	Mm.40462
165449	151462	AI844709	TC174038	null	Mm.20313
72034	72350	AI844751	TC158944	null	Mm.28982
42251	33360	AI844632	TC189052	null	Mm.38291
48965	48866	AI844664	TC174446	null	Mm.41750
0	0	AI844716	TC200978	null	Mm.30123
35615	25239	AI844766	TC198431	null	null
58637	43704	AI844641	TC204158	null	Mm.39295
0	0	AI844675	TC204092	null	Mm.39188
40937	29167	AI850757	TC174108	Ubc6p homolog	Mm.1971
13358	13374	AI850790	TC210709	null	Mm.51564
43406	30938	AI850829	TC163208	null	null
89133	82546	AI850554	TC157622	proline-rich protein	Mm.28797
33185	32560	AI850764	TC176699	null	Mm.34649
165706	147922	AI850802	TC176648	null	Mm.44134
217596	253825	AI850523	TC205806	null	Mm.40582
24980	23417	AI850565	TC200561	OSF-1	Mm.3063
28369	27789	AI849007	TC162414	null	Mm.40611
512292	492287	AI844459	TC204451	null	Mm.29260
51593	44126	AI844497	TC162178	null	Mm.39856
7107	5180	AI848722	TC188300	GRIN1	Mm.40522
33315	22384	AI849018	TC205872	null	Mm.44915
0	0	AI844470	null	null	Mm.40461
23798	14974	AI844516	null	null	Mm.45231
37582	36336	AI848728	TC176772	prenylated SNARE protein Ykt6	Mm.28680
112627	100267	AI849700	TC204139	null	Mm.24330
0	0	AI844307	TC188750	dnaJ-like protein	Mm.18237
45318	47487	AI849715	TC204637	G protein alpha i1 subunit	Mm.36875
45186	43449	AI849762	TC203193	null	Mm.33057
5863	4301	AI844268	null	null	null
50050	44214	AI844317	TC169752	null	Mm.41137
0	0	AI849724	TC203225	Rho-GDI3 gene product	Mm.1383
24489	19751	AI849771	TC190011	null	null
115431	100253	AI850340	TC187395	Rab 11	Mm.1387
30526	17355	AI850392	null	null	null

38360	37113	AI850420	TC157682	null	Mm.18516
0	0	AI850472	null	null	null
25674	26730	AI850352	TC201277	null	Mm.22428
11552	5054	AI850390	TC164918	null	Mm.19440
40268	27612	AI850428	TC200387	carbonic anhydrase II	Mm.1186
17892	12739	AI850482	TC178225	null	Mm.6358
102069	115361	AI844537	null	null	Mm.39583
49825	71131	AI848763	TC191161	null	Mm.44368
23319	24823	AI848788	TC175562	null	Mm.41898
21354	20640	AI844580	TC164176	null	null
41849	28809	AI848747	TC200311	fractalkine/neurotactin	Mm.3205
79582	76601	AI848769	TC173080	zinc finger protein	Mm.17519
133289	118631	AI844566	TC202734	null	Mm.40282
232186	184270	AI844592	null	null	null
84440	86029	AI844710	null	null	Mm.41059
29728	26071	AI844752	TC189899	null	Mm.27143
672848	618069	AI844634	null	null	Mm.43778
37689	33056	AI844665	TC162590	null	Mm.5083
144534	110285	AI844718	TC168120	null	Mm.39294
79451	78414	AI844769	TC201610	null	Mm.41940
112721	100483	AI844642	TC175063	null	Mm.29205
12703	10788	AI844676	null	null	null
70887	56842	AI850758	null	null	null
0	0	AI850791	null	null	null
101369	90120	AI850830	TC176498	Cdc42/Rac effector kinase PAK-	Mm.35382
80532	112544	AI850555	TC173755	JUN-B protein	Mm.1167
28316	23280	AI850768	TC163625	null	Mm.39888
47469	38480	AI850803	TC178580	null	Mm.19313
68174	67406	AI850525	TC175154	null	Mm.27762
10354	9463	AI850566	null	null	Mm.40203
44800	46335	AI849008	TC187962	null	Mm.28659
195659	171701	AI844460	TC202183	SAP102	Mm.4615
0	0	AI844498	TC196289	null	Mm.33390
12676	11120	AI848723	TC162844	null	Mm.4079
28789	14131	AI849019	TC175518	MOBP170	Mm.41607
31221	30169	AI844473	null	null	Mm.39372
116153	129226	AI844517	TC186609	Rnf4	Mm.21281
9569	10910	AI844531	TC161641	null	Mm.28924
19696	9981	AI849706	TC174030	null	Mm.21634
11446	12609	AI844310	null	null	null
65604	47177	AI849717	TC178790	null	Mm.40278
47896	35919	AI849763	TC201076	null	Mm.8686
197074	119178	AI844273	TC169412	null	null
228241	173711	AI844318	TC190753	null	Mm.40035
21342	17510	AI849725	null	null	Mm.39880
41378	37010	AI849775	TC173447	osteoblast specific factor 2 p	Mm.10681
70599	64358	AI850346	TC173767	null	Mm.30069
49455	52823	AI850393	TC189293	null	Mm.40985
13064	10810	AI850421	null	null	Mm.40886
69257	64456	AI850476	TC176661	null	null
82871	62788	AI850354	TC174287	null	Mm.29112



61583	60280	AI850396	TC173279	NFE2-related factor 1	Mm.6743
305068	226193	AI850429	TC200758	null	Mm.32624
28223	18044	AI850483	TC163324	null	Mm.31751
27001	23881	AI844538	TC174981	junD protein (AA 1-341)	Mm.1175
117825	78475	AI844547	TC158499	ifngr2	Mm.22698
52155	55146	AI848789	TC176197	member of BCL7 gene family	Mm.2898
0	0	AI844584	TC176096	null	Mm.41643
69987	68864	AI848748	TC160375	null	Mm.34606
0	0	AI844552	TC175117	tau-protein	Mm.1287
76349	72947	AI848796	TC201577	TFIID	Mm.43711
9743	5848	AI844594	TC162394	null	Mm.41459
31179	34811	AI844711	TC174813	null	Mm.20420
55864	46221	AI844756	TC160033	null	Mm.29323
62691	36190	AI844636	TC200095	null	Mm.622
172422	130067	AI844668	TC186727	null	Mm.25148
374706	293896	AI844721	null	null	null
160117	136717	AI844771	TC200568	unnamed protein product	Mm.27903
265741	166957	AI844643	TC187213	mlrq-like protein	Mm.41926
600568	349692	AI844677	TC204114	kinesin heavy chain	Mm.41576
124073	92088	AI850760	TC160654	null	Mm.29987
62075	63349	AI850793	TC188726	nuclear receptor coactivator R	Mm.27592
50665	34708	AI850511	TC202394	null	Mm.18098
33695	26797	AI850556	TC190337	null	Mm.39419
61397	55664	AI850769	TC174965	beta-preprotachykinin A	Mm.1440
56616	47352	AI850804	null	null	Mm.40204
102724	36976	AI850527	TC161977	null	Mm.24082
47311	49721	AI850573	TC190342	attractin	Mm.61773
131546	87439	AI849009	TC201141	null	Mm.41665
27078	19975	AI844461	TC177643	null	Mm.41455
475221	336348	AI844503	TC175645	GTP cyclohydrolase I	Mm.10651
268123	305606	AI844528	TC159789	ribosomal protein L8	Mm.30066
69093	66267	AI849020	TC187211	null	Mm.34401
50572	34980	AI844475	TC189130	null	Mm.30557
49961	60763	AI844518	TC200531	syntaxin 6	Mm.41462
45198	40170	AI848729	TC161399	null	Mm.39482
291148	265971	AI844264	TC158900	beta proteasome subunit	Mm.368
23693	19881	AI844311	TC201693	null	Mm.29681
37916	34568	AI849718	TC173981	null	Mm.18924
15015	16157	AI849764	TC179671	null	null
0	0	AI844274	TC160313	null	Mm.730
30377	25523	AI844319	TC174792	null	Mm.14534
49878	38094	AI849729	TC173907	null	Mm.46176
184140	93411	AI849776	TC175016	null	Mm.28890
235549	171134	AI850348	TC200964	unnamed protein product	Mm.18230
148830	79794	AI850395	TC161049	Bet1p homolog	Mm.23564
34280	26132	AI850422	TC177848	null	Mm.44834
403647	325388	AI850477	TC189207	null	Mm.38492
48318	39678	AI850355	null	null	null
9688	8475	AI850398	null	null	null
24665	13474	AI850430	TC195019	null	Mm.39381
75480	34506	AI850484	TC163358	potassium channel protein	Mm.40672

84568	76355	AI844539	TC188467	null	Mm.27665
38870	51214	AI848764	TC189713	null	Mm.27226
16191	15246	AI848790	TC159001	null	Mm.43358
29686	33549	AI844585	TC173721	beta-galactosidase	Mm.2040
119085	99589	AI848749	TC200442	GAPIII	Mm.18517
111055	91947	AI848772	TC161154	null	Mm.28760
32206	23358	AI848797	TC201957	null	Mm.38578
47281	42184	AI848903	TC177073	null	Mm.39963
226278	180740	AI844712	null	null	null
124079	131254	AI844757	TC161983	null	Mm.40466
20908	17183	AI844637	TC190026	null	Mm.32119
134870	58183	AI844670	TC186709	null	Mm.30114
57922	42862	AI844726	TC162725	null	Mm.954
119151	93970	AI844773	TC167441	null	Mm.39996
77509	78825	AI844644	TC201185	ninjurin	Mm.18503
38050	32526	AI844678	TC176849	null	Mm.26897
26530	22753	AI850761	null	null	Mm.42270
56308	52018	AI850798	TC174954	null	Mm.28709
74987	68979	AI850517	TC200732	null	Mm.28426
24567	11911	AI850557	null	null	Mm.68836
115672	76134	AI850770	TC195037	null	Mm.40889
245302	153708	AI850806	TC175311	alpha diacylglycerol kinase; a	Mm.19981
240355	148687	AI850530	TC158914	null	Mm.41914
86004	77659	AI850575	TC158525	phospholipase C-L2	Mm.28034
0	0	AI849013	TC205587	null	Mm.38365
20834	22892	AI844464	TC175287	null	Mm.41804
0	0	AI844507	TC160667	null	Mm.28163
0	0	AI844529	TC159715	null	Mm.7215
0	0	AI849021	TC189839	null	Mm.29537
0	0	AI844476	null	null	Mm.40150
0	0	AI848711	null	null	null
0	0	AI848730	TC187367	null	Mm.29801
0	0	AI844265	TC161522	Bodenin	Mm.6818
0	0	AI844312	TC203473	intersectin-EH binding protein	Mm.3091
0	0	AI849720	null	null	null
22597	13006	AI849765	TC197021	null	null
187982	183367	AI844279	TC186674	MHR23B	Mm.26955
0	0	AI844320	null	null	null
87995	60956	AI849733	TC208197	null	null
0	0	AI849777	TC181634	null	Mm.40880
0	0	AI850349	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
0	0	AI850386	null	null	Mm.41148
0	0	AI850423	TC161335	null	Mm.259
0	0	AI850478	null	null	Mm.39218
0	0	AI850359	TC159452	Dlgh1 homolog	Mm.382
44391	43216	AI850401	TC161142	null	Mm.22123
60815	50098	AI850432	TC203859	null	Mm.1469
0	0	AI850485	TC188130	null	Mm.29138
65498	68067	AI844540	TC200030	BAP-135 homolog	Mm.22593
48197	27664	AI844548	TC160336	null	Mm.36765
189062	131575	AI848791	TC201179	null	Mm.28237

48012	26702	AI844586	TC159133	null	Mm.29923
63650	54728	AI848750	TC173710	null	Mm.41097
28733	28258	AI844555	TC159099	null	Mm.41352
98517	81518	AI848798	TC201323	small stress protein-like prot	Mm.21549
142900	164209	AI844602	TC196288	null	Mm.25523
63300	50578	AI844713	TC160497	null	Mm.32088
70870	89166	AI844759	TC161312	null	Mm.27404
25969	17298	AI844638	TC164550	null	Mm.39713
0	0	AI844672	TC179713	null	null
134203	99424	AI844727	TC186532	male-enhanced antigen	Mm.2395
710649	508041	AI844775	TC200304	thioredoxin	Mm.1275
1435805	1018853	AI844645	TC200293	SDR1	Mm.15125
208662	159162	AI844679	TC187792	null	Mm.22264
879306	434109	AI850762	TC202143	alpha-mannosidase	Mm.4389
27440	15523	AI850799	TC201528	null	Mm.27768
45231	37346	AI850518	TC174239	null	Mm.22336
378706	286024	AI850560	TC160230	NADP-dependent isocitrate dehy	Mm.9925
229738	181962	AI850771	null	null	null
220111	198053	AI850808	TC173241	14-3-3 protein beta	Mm.34319
50033	33026	AI850533	TC163138	Vg-1 related protein	Mm.3997
56604	37027	AI850578	TC173583	null	Mm.38868
78281	73647	AI849015	TC177963	null	null
30461	24778	AI844466	TC163219	Myc antagonist Mnt	Mm.3759
234562	170343	AI844511	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
1108032	1072374	AI848724	null	null	null
12108	13407	AI849022	TC162394	null	Mm.44729
0	0	AI844477	TC187784	null	Mm.33954
630157	277318	AI844519	null	null	null
511563	634706	AI844532	TC186981	null	Mm.28150
206129	200039	AI844266	TC203283	null	Mm.26862
25105	29696	AI844315	TC182721	null	Mm.44845
146600	136631	AI849721	TC188729	null	Mm.1654
111282	111452	AI849766	TC201020	somatostatin receptor (SSTR2B)	Mm.34778
209095	276752	AI844280	TC159823	lymphocyte differentiation ant	Mm.1583
151587	165457	AI844321	TC157671	tyrosine kinase	Mm.35650
21524	15245	AI849734	null	null	null
273454	311669	AI849779	TC158343	null	Mm.27700
399408	349564	AI850350	TC169734	null	Mm.41266
282956	266193	AI850388	TC200211	null	Mm.6932
26447	22733	AI850424	TC192288	null	Mm.41346
161557	134222	AI850479	TC160316	gamma-2 adducin	Mm.33858
72363	56760	AI850360	null	null	Mm.39418
0	0	AI850402	TC157281	null	Mm.40642
142122	127456	AI850433	TC187602	Cadherin-related neural recept	Mm.41157
108094	102204	AI850487	TC203111	null	Mm.35416
781551	507469	AI844541	TC159605	ferritin heavy subunit (AA 1 -	Mm.1776
27729	32391	AI848765	TC174908	null	Mm.34077
54738	28103	AI848792	TC165019	null	null
22394	24458	AI844588	TC177756	null	Mm.41695
55931	35993	AI848751	TC202972	null	Mm.32939
151955	157230	AI844556	null	null	Mm.39186

56455	37277	AI844567	TC187182	LNXP70	Mm.10179
59635	51229	AI848904	TC162627	factor VIII-associated protein	Mm.5154
25226	20006	AI844715	null	null	null
85819	106085	AI844761	TC187557	null	Mm.23702
53062	58701	AI844640	TC200909	8-oxoguanine DNA-glycosylase	Mm.43612
0	0	AI844674	TC201533	alpha-synuclein	Mm.17484
150487	122273	AI844728	TC174898	null	Mm.41599
141800	158935	AI844779	null	null	null
184117	165568	AI844646	TC208679	null	null
1058102	826667	AI844682	TC173057	null	Mm.38465
144401	104919	AI850763	TC162215	null	Mm.45768
622599	601394	AI850801	TC200236	null	Mm.24086
39212	32547	AI850522	TC176147	integral membrane protein	Mm.1304
0	0	AI850562	TC173957	unknown protein	Mm.40674
149501	65356	AI850772	null	null	Mm.44009
46835	39049	AI850809	TC175293	null	Mm.34493
57208	43056	AI850534	TC201943	ets-related protein	Mm.4866
0	0	AI850581	TC201364	sepiapterin reductase	Mm.28393
26179	24544	AI851673	TC163414	null	Mm.27219
159648	166859	AI851705	TC173153	PR65	Mm.1034
106216	72895	AI852383	TC177294	null	Mm.41055
40977	34983	AI852414	TC162115	null	Mm.22351
9954	3973	AI851680	null	null	Mm.40537
6524	3722	AI851712	TC210692	null	Mm.40213
0	0	AI852390	TC201495	unknown	Mm.28337
34115	38654	AI852461	null	null	Mm.39660
0	0	AI852642	null	null	null
0	0	AI853966	TC206424	null	null
0	0	AI854001	TC188335	null	Mm.24742
10612	11012	AI852515	TC191484	protein kinase C gamma	Mm.7980
0	0	AI853940	TC166453	null	Mm.23293
41499	26748	AI853978	TC176569	null	Mm.28358
9122	9991	AI852491	TC189166	null	Mm.38422
20014	15079	AI852523	TC161493	PEX5p	Mm.22418
0	0	AI852195	TC187779	glycinamide ribonucleotide syt	Mm.4505
30130	28583	AI852225	null	null	Mm.9307
6469	7561	AI853490	TC181684	null	null
40230	40455	AI853519	TC192367	null	Mm.39935
0	0	AI852201	TC205107	null	Mm.68838
0	0	AI852234	TC181290	null	Mm.41549
12371	47597	AI853496	TC189328	SOUL protein	Mm.39443
0	0	AI853527	null	null	Mm.35835
0	0	AI852486	TC187952	null	Mm.5750
19631	17377	AI851982	TC162623	null	Mm.30457
12578	6018	AI852010	TC179649	null	Mm.36275
11484	9284	AI853332	TC161716	null	Mm.40323
0	0	AI851959	null	null	Mm.34544
20941	25797	AI851989	TC206963	null	Mm.41811
69394	70312	AI852019	TC200947	aminopeptidase	Mm.14894
0	0	AI853339	TC196960	null	Mm.42443
31071	31305	AI852550	null	null	null

0	0	AI851878	null	null	Mm.39228
18920	17034	AI851908	null	null	null
47267	46374	AI851942	TC159196	null	Mm.46830
12227	12178	AI852559	TC201572	L23 mitochondrial-related prot	Mm.12144
232769	219622	AI851886	TC190969	null	null
160453	108491	AI851914	TC175205	null	Mm.37722
0	0	AI851949	TC158551	null	Mm.41651
8795	8975	AI853549	TC200769	Xap89 protein	Mm.35792
49420	41967	AI852269	TC190539	null	Mm.24760
14011	12733	AI852307	TC191983	null	Mm.39732
77499	100423	AI853086	TC173194	null	Mm.29815
9955	5921	AI853555	TC188716	null	Mm.41936
16009	22016	AI852278	TC200470	E2-20K	Mm.23774
18309	23998	AI852316	TC186999	null	Mm.41443
0	0	AI853093	TC204952	null	null
99768	69079	AI851674	TC161853	null	Mm.27703
26070	26780	AI851706	TC160058	zipper protein kinase	Mm.4358
49202	57811	AI852384	TC191682	null	null
40316	37710	AI852415	TC178221	null	null
0	0	AI851681	TC201839	null	Mm.41904
0	0	AI851713	TC157258	null	Mm.24282
13711	18268	AI852391	TC191911	null	Mm.24073
11043	21681	AI852463	TC177381	receptor protein tyrosine phos	null
12941	7221	AI852645	TC175565	null	Mm.6960
57827	35516	AI853968	TC200806	endophilin II	Mm.1773
14576	12728	AI854003	TC177543	null	Mm.41833
0	0	AI852516	null	null	Mm.39430
0	0	AI853942	TC176217	null	Mm.33780
13117	16229	AI853979	TC164341	null	Mm.23746
38537	30637	AI852492	TC163191	Cdc42/Rac effector kinase; PAK	Mm.3392
52852	28081	AI852524	TC201465	null	Mm.22029
16475	13743	AI852196	TC201606	TNF intracellular domain-inter	Mm.29475
34888	24569	AI852226	TC166428	null	Mm.44144
0	0	AI853491	TC175760	bone morphogenetic protein	Mm.27757
24111	18485	AI853520	TC201428	null	Mm.23823
170525	82058	AI852202	TC203222	serine protease 4	Mm.22693
13317	11740	AI852235	TC188697	suppressor of white apricot ho	Mm.20913
9422	12600	AI853497	TC200301	thioredoxin	Mm.3533
17415	10332	AI853528	TC165452	null	Mm.40572
38485	33207	AI852487	TC188077	null	Mm.33567
136903	125162	AI851984	TC186995	null	Mm.29617
44837	32662	AI852011	TC203885	null	Mm.27730
75444	70551	AI853333	TC191645	null	Mm.27605
15943	11557	AI851960	TC186783	null	Mm.28067
23739	25549	AI851990	TC161314	beta-catenin-interacting prote	Mm.41550
31238	25228	AI852022	TC201167	null	Mm.29960
42945	28724	AI853340	TC176907	null	Mm.24632
0	0	AI852551	TC190209	zinc finger protein ZFP235	Mm.40328
84933	70013	AI851879	TC200809	cofactor A	Mm.1863
41277	38536	AI851909	TC204147	null	Mm.34833
10551	7694	AI851943	TC204749	null	Mm.35728

0	0	AI852560	TC188198	null	Mm.34521
46475	43112	AI851887	TC201902	null	Mm.27544
18577	14231	AI851915	TC191723	null	Mm.40641
33765	25139	AI851950	TC207703	null	null
20780	19738	AI853550	TC175197	null	Mm.37075
15389	8577	AI852270	null	null	Mm.39234
37301	28191	AI852308	TC174360	null	Mm.41458
51502	61955	AI853087	TC173059	unnamed protein product	Mm.4271
61778	36981	AI853556	TC177556	null	Mm.41343
33414	23788	AI852283	TC177014	null	Mm.34056
86363	117538	AI852317	TC159576	cytoplasmic protein Ndr1	Mm.4063
51966	37801	AI853094	null	null	Mm.40564
61028	57237	AI851675	TC176455	null	null
58799	46172	AI851708	TC158481	null	Mm.28553
23454	19322	AI852385	TC203339	null	Mm.23630
0	0	AI852456	null	null	Mm.40221
29885	34227	AI851682	TC178807	null	Mm.39225
48589	38849	AI851714	TC201770	homeobox protein	Mm.40908
22606	21818	AI852392	null	null	Mm.39429
320324	416951	AI852465	TC158235	Histone H3.3 (AA 1 - 136)	Mm.18516
109882	49085	AI852646	TC162130	null	Mm.7165
0	0	AI853970	TC168792	null	null
0	0	AI854004	TC203380	null	Mm.31550
14348	12097	AI852518	TC205268	null	Mm.46200
23719	13182	AI853943	TC163026	zinc-finger factor FOG2	Mm.39260
46713	57947	AI853980	TC173288	S-adenosylmethionine decarboxy	Mm.7880
31816	22709	AI852494	TC188387	null	Mm.25720
21917	14692	AI852526	TC174869	null	Mm.40025
8480	13218	AI852197	TC176096	null	Mm.41643
18073	11636	AI852227	TC204707	null	Mm.29207
64915	51625	AI853492	null	null	Mm.42255
14124	26781	AI853521	TC191974	null	Mm.30801
28405	53547	AI852203	TC173780	null	Mm.36669
223082	120536	AI852236	TC158204	MHC class I heavy chain precur	Mm.33263
87141	94793	AI853499	TC200064	high mobility group protein ho	Mm.340
14911	7109	AI853529	null	null	null
9493	11966	AI852489	TC202733	null	Mm.41076
12973	22997	AI851985	TC160336	null	Mm.29586
12992	13641	AI852013	TC162213	null	Mm.37324
0	0	AI853334	null	null	Mm.41414
22315	21460	AI851961	null	null	Mm.40916
0	0	AI851991	TC177930	null	Mm.39424
14929	13113	AI852023	TC174379	null	null
21058	17071	AI853342	null	null	Mm.41023
55006	94169	AI852553	TC186425	null	Mm.3532
48912	40898	AI851881	TC188460	null	Mm.35493
14452	12849	AI851910	TC207577	null	Mm.41199
54602	45999	AI851945	TC200999	null	Mm.29269
35544	26585	AI852561	TC203325	null	Mm.40224
24868	18480	AI851888	TC157293	null	Mm.31087
44520	32524	AI851916	TC177828	VAMP5	Mm.42184

71803	56220	AI851951	TC177637	null	Mm.24376
73591	62742	AI853551	TC201369	null	Mm.22152
22120	71952	AI852272	TC189341	Rel domain-containing transcri	Mm.34530
0	0	AI852309	TC202430	null	Mm.10059
39840	66882	AI853088	TC186751	TGF-beta-inducible protein	Mm.22763
46266	79322	AI853558	TC187374	type I transmembrane protein F	Mm.28518
553801	301783	AI852284	TC160363	oligosaccharyltransferase	Mm.7236
72448	76214	AI852319	TC174896	platelet-derived growth factor	Mm.2924
31422	23006	AI853096	TC186753	null	Mm.26435
20191	22679	AI851677	null	null	Mm.39653
99464	113741	AI851709	TC200205	null	Mm.19130
11897	8703	AI852386	TC202515	melanocyte-specific gene 1 nuc	Mm.2390
118853	126957	AI852457	TC160619	protein-tyrosine-phosphatase	Mm.26166
22453	20294	AI851683	TC176961	plasma-cell membrane protein	Mm.27254
54443	43325	AI851715	null	null	Mm.39226
33474	29343	AI852394	TC187665	null	Mm.37753
14934	12696	AI852466	TC188532	null	null
0	0	AI852647	TC201981	null	Mm.41858
16764	10398	AI853973	TC205793	null	Mm.39680
184282	183695	AI854005	TC161441	null	Mm.38930
97143	60959	AI852519	TC173946	null	Mm.44172
61136	40170	AI853944	TC174830	ECSIT	Mm.29790
118898	97684	AI853981	TC201773	null	Mm.28240
48308	37318	AI852495	TC175889	ecto-apyrase CD39	Mm.2824
263089	309320	AI852527	TC187080	nuclear pore-targeting complex	Mm.16710
38289	41789	AI852198	TC162681	null	Mm.22853
60969	46161	AI852228	TC193382	null	null
26236	20028	AI853493	TC167733	null	Mm.39939
0	0	AI853522	TC203053	null	Mm.33033
0	0	AI852204	null	null	null
27481	23414	AI852237	TC160316	gamma-2 adducin	Mm.29319
99092	75319	AI853500	TC190397	null	Mm.41875
50332	25509	AI853530	TC161866	null	null
5773	7198	AI851954	TC189438	null	Mm.25288
104062	88042	AI851986	TC160050	null	Mm.41876
31894	28858	AI852014	TC161107	null	Mm.21065
12256	7756	AI853335	TC174809	null	Mm.1491
35985	19743	AI851962	TC202147	energy-dependent regulator of	Mm.27197
18720	14645	AI851992	TC177283	null	Mm.17562
17354	15465	AI852024	null	null	null
18167	18562	AI853344	TC174481	null	Mm.5624
0	0	AI852554	TC188029	choline kinase	Mm.5262
18451	18873	AI851882	TC165241	null	Mm.40235
0	0	AI851911	null	null	Mm.42442
34383	30932	AI851946	TC179862	null	null
15468	14751	AI852563	TC175244	null	Mm.38336
108016	96161	AI851889	null	null	Mm.40215
242624	101134	AI851917	TC190332	null	Mm.7100
17649	17553	AI852744	null	null	Mm.40559
31439	35865	AI853552	TC173202	CCTtheta, theta subunit of the	Mm.17989
101431	81046	AI852273	TC189374	null	Mm.24069

44633	41104	AI852313	TC159957	connexin 43	Mm.4504
24317	22696	AI853090	TC162157	null	Mm.27434
33417	46620	AI853559	TC204429	null	Mm.39657
84398	72684	AI852285	TC190614	null	Mm.34563
26361	22846	AI852321	TC161731	huntingtin interacting protein	Mm.33797
445276	248333	AI853097	TC161607	connexin	Mm.21198
46950	51390	AI851678	TC187431	null	Mm.33853
0	0	AI851710	null	null	null
0	0	AI852387	TC202392	null	Mm.29635
0	0	AI852459	TC159984	null	Mm.21606
0	0	AI851684	TC188472	null	Mm.29563
15895	24957	AI851716	TC190766	null	Mm.30971
0	0	AI852395	TC201742	null	Mm.27561
0	0	AI852468	TC158206	p160 myb-binding protein	Mm.36393
10799	11061	AI852648	null	null	Mm.39239
10873	13738	AI853974	null	null	Mm.39942
0	0	AI854008	TC160261	null	Mm.24158
66579	59014	AI852520	TC186750	protein tyrosine phosphatase	Mm.28909
0	0	AI853946	TC187570	null	Mm.28824
0	0	AI853982	TC163990	null	Mm.40240
190942	106956	AI852496	TC194073	null	Mm.45212
312800	177670	AI852531	TC188630	null	null
0	0	AI852199	TC160564	null	Mm.22722
0	0	AI852231	TC162552	null	Mm.41635
0	0	AI853494	TC189481	null	Mm.45439
0	0	AI853523	TC173547	null	Mm.43162
0	0	AI852206	TC190177	null	Mm.18542
0	0	AI852238	TC181480	null	Mm.39908
0	0	AI853502	TC183465	null	Mm.39405
0	0	AI853531	TC157750	null	Mm.21679
19661	16876	AI851956	TC197057	null	Mm.63743
68014	65469	AI851987	TC162150	null	Mm.29406
70546	66386	AI852016	TC189934	null	Mm.5156
69981	60687	AI853336	TC183414	null	Mm.39673
21000	22989	AI851964	TC161913	null	Mm.27215
68775	46891	AI851994	TC200456	null	Mm.18946
229358	151790	AI852026	TC173054	Cdc42	Mm.1022
24850	30859	AI853345	TC174152	null	Mm.1457
78203	50977	AI852556	TC194920	null	Mm.40930
16770	13212	AI851884	null	null	Mm.40913
58962	62945	AI851912	null	null	Mm.29911
182357	132072	AI851947	TC161967	phosphatidylinositol glycan cl	Mm.826
40205	33901	AI852564	TC163973	null	Mm.39237
117807	75988	AI851891	TC188761	null	Mm.24647
315021	197063	AI851918	TC201333	null	Mm.28197
28605	18980	AI852745	TC163016	null	Mm.19831
127873	81363	AI853553	null	null	Mm.1139
15331	17793	AI852276	TC161222	GOS2-like protein	Mm.3283
117355	132235	AI852314	TC187743	null	Mm.27223
389296	328478	AI853091	TC200579	alpha 4 protein	Mm.7454
156231	614794	AI853560	TC173505	lipocortin I (AA 1-346)	Mm.14860



0	0	AI852286	TC204345	null	Mm.22954
46015	36549	AI852322	TC174696	null	Mm.17949
55664	77434	AI853099	TC178546	null	Mm.44135
170070	101104	AI851679	null	null	Mm.40212
41670	43524	AI851711	null	null	Mm.42271
35700	30414	AI852389	TC158543	null	Mm.34027
100458	86700	AI852460	TC173774	null	Mm.30079
237775	119938	AI851685	TC173762	leucine zipper-EF-hand contain	Mm.26947
24510	19919	AI851720	TC196446	null	Mm.41205
27332	24883	AI852396	TC200150	null	Mm.39432
499987	475149	AI852469	null	null	null
187137	133490	AI852649	TC201054	dynactin subunit p25	Mm.27270
45180	45208	AI853976	TC201482	Kruppel-like factor LKLF	Mm.26938
0	0	AI852490	TC189704	null	Mm.41060
49941	49272	AI852521	TC164458	null	Mm.40929
22490	22686	AI853947	null	null	Mm.40239
52924	56789	AI853983	TC173225	null	Mm.27615
71234	65757	AI852497	TC173087	null	Mm.35812
57271	44409	AI852532	TC188132	protein kinase	Mm.8385
178667	180676	AI852200	TC189648	null	Mm.41068
54259	40167	AI852232	null	null	null
27654	13572	AI853495	null	null	null
0	0	AI853526	TC176583	null	Mm.41854
0	0	AI852207	TC174960	high mobility group box protei	Mm.4541
110548	152156	AI852239	TC161531	splicing factor U2AF	Mm.3358
22840	18007	AI853503	null	null	null
56007	53914	AI853533	null	null	null
0	0	AI851958	TC176000	LIN-7 homolog 2	Mm.20472
0	0	AI851988	TC190980	null	Mm.25159
29253	31278	AI852017	TC203695	null	Mm.41494
0	0	AI853338	null	null	Mm.40233
101249	67229	AI851965	TC174095	null	Mm.33869
26751	21231	AI851995	TC161013	null	Mm.9348
0	0	AI852027	TC202467	spalt-like protein	Mm.39487
93144	66751	AI853346	TC162788	This ORF is capable of encodin	Mm.1676
174937	129150	AI852558	TC203794	null	Mm.41446
48991	53279	AI851885	null	null	null
0	0	AI851913	TC205212	null	Mm.41613
0	0	AI851948	TC202335	null	Mm.22806
28777	25247	AI852566	TC186985	null	Mm.11879
26081	14418	AI851893	TC189530	null	Mm.22780
18977	12629	AI851919	TC203008	cytokine receptor delta1	Mm.35771
89124	68839	AI852746	TC189747	null	Mm.36000
90788	79437	AI853554	TC160202	null	Mm.21450
25363	20933	AI852277	null	null	Mm.39235
135641	54600	AI852315	null	null	Mm.29330
40435	27495	AI853092	TC160721	null	null
0	0	AI853562	TC173523	null	Mm.45951
0	0	AI852287	TC176529	null	Mm.7463
57394	33265	AI852323	TC176106	SH3 domain-containing adapter	null
246871	349762	AI853101	TC159479	SCF complex protein Skp1	Mm.42944

26860	17141	AI852731	TC178941	null	Mm.4323
50915	45827	AI854509	TC160151	mMIS5	Mm.4933
89063	49624	AI854545	TC160554	null	Mm.41052
114324	69737	AI852822	TC159784	surfeit 4 protein	Mm.2795
0	0	AI852739	TC204467	null	null
0	0	AI854518	TC194208	null	Mm.40608
23387	18559	AI854552	TC203470	This ORF is capable of encodin	Mm.951
3695	3518	AI852829	TC203553	null	Mm.24862
0	0	AI853571	null	null	Mm.40951
72680	56127	AI853600	TC191269	null	Mm.23125
53503	56969	AI853630	TC186779	null	Mm.22876
172804	180492	AI853695	TC187424	CD47	Mm.20183
71214	75436	AI853577	TC200861	PATZ	Mm.30714
52535	42431	AI853606	TC200066	null	null
75093	90905	AI853637	TC160049	TIF1 beta protein	Mm.15701
29168	31430	AI853701	TC191014	null	null
16928	20657	AI851008	TC160860	null	Mm.35492
124101	146416	AI851036	TC160232	platelet-activating factor ace	Mm.3877
83142	101312	AI851067	TC186927	null	Mm.29076
85813	107335	AI854100	TC188629	leucine-rich-domain inter-acti	Mm.29477
25608	15268	AI851015	TC201463	null	Mm.27150
140624	131786	AI851044	TC201354	11-zinc-finger transcription f	Mm.493
82307	75899	AI854081	TC161478	null	Mm.24033
0	0	AI854106	TC187247	SH2 domain-containing Eph rece	Mm.9593
0	0	AI852859	TC176316	null	Mm.39973
74949	44167	AI852898	TC190508	null	null
56761	45325	AI853265	TC188674	null	Mm.22276
32682	17966	AI853304	TC164808	GABA-A receptor alpha-1 subuni	Mm.4914
0	0	AI852866	TC178766	null	Mm.67153
71904	63921	AI853240	TC173707	null	Mm.21686
21336	27254	AI853274	TC173203	sphingomyelin phosphodiesteras	Mm.4628
0	0	AI853317	null	null	null
36620	46665	AI853720	TC200407	U5-116kD	Mm.873
76405	49158	AI853671	TC177579	null	Mm.40954
55566	56993	AI853820	TC200092	null	Mm.29676
526412	714165	AI853852	TC159642	ribosomal protein	Mm.42790
11314	7221	AI853727	TC177989	null	Mm.39462
30413	26212	AI853677	TC163841	null	Mm.35008
26373	16091	AI853826	TC162303	null	Mm.28969
22235	19885	AI853861	TC177379	LIM homeobox protein cofactor	Mm.8266
23180	14220	AI854124	TC191170	null	Mm.40679
38659	35905	AI854151	TC164340	null	Mm.35367
14903	12342	AI851139	TC174895	null	Mm.2924
13840	11302	AI851213	TC192124	null	Mm.60586
15975	8544	AI854131	TC188713	multiple endocrine neoplasia t	Mm.10721
25369	23251	AI854158	TC165595	null	null
42374	22146	AI851187	TC187841	ORF	Mm.3266
176774	96910	AI851220	null	null	Mm.5293
0	0	AI852732	TC203935	null	Mm.41034
13014	9142	AI854510	TC162202	100 kDa thyroid hormone recept	Mm.7268
16062	8219	AI854546	TC203413	null	Mm.38020

0	0	AI852823	TC160259	ATRX protein	Mm.39241
14289	8448	AI852741	TC161526	null	Mm.30091
19431	13995	AI854519	null	null	null
21642	23943	AI854553	TC202889	null	Mm.29638
64657	21438	AI852832	TC177652	CD7	Mm.4100
12217	11083	AI853572	TC191916	null	Mm.32284
0	0	AI853601	TC178778	null	Mm.41244
22109	16471	AI853631	null	null	Mm.39936
57641	38999	AI853696	TC190818	null	Mm.38037
8814	8659	AI853578	TC187739	null	Mm.28796
23744	15272	AI853607	TC177884	null	null
46601	42666	AI853638	TC202269	null	Mm.29972
9890	5928	AI853703	TC190055	null	Mm.27449
32510	26441	AI851009	TC201114	null	Mm.2235
535289	543236	AI851038	TC186556	null	Mm.29057
34653	21353	AI851069	TC163655	null	Mm.39712
79033	56744	AI854101	TC178779	null	Mm.40241
0	0	AI851016	TC157589	claudin-10	Mm.6957
0	0	AI851045	null	null	Mm.39222
102205	85154	AI854082	TC200347	null	Mm.21652
37149	22639	AI854107	TC166028	null	Mm.33784
77610	71127	AI852860	TC201626	glucosidase I	Mm.28188
29782	76228	AI852901	TC175517	myelin-associated/oligodendroc	Mm.3915
12946	12952	AI853266	TC162896	null	Mm.40723
318048	257088	AI853305	TC163475	null	Mm.24435
39331	28741	AI852868	TC188239	Williams-Beuren syndrome delet	Mm.40331
87348	75803	AI853241	TC162388	null	Mm.28512
20228	18081	AI853276	null	null	null
12376	11471	AI853319	TC177390	null	Mm.22297
11461	16583	AI853721	TC199953	null	Mm.25154
25755	23639	AI853672	TC188712	null	Mm.41247
47443	29216	AI853821	TC203918	null	Mm.23646
51191	61341	AI853853	TC177186	null	Mm.41214
0	0	AI853728	TC187511	unnamed protein product	Mm.17035
178898	144866	AI853678	TC187199	null	Mm.28327
41700	44963	AI853827	TC176472	null	Mm.21836
80264	47012	AI853862	TC189605	null	Mm.40625
475083	361276	AI854126	TC187331	precursor polypeptide (AA -25	Mm.2570
465285	432923	AI854152	TC163862	APC	Mm.7883
30692	21540	AI851140	null	null	Mm.39644
86164	127014	AI851214	TC160312	null	Mm.28291
0	0	AI854132	null	null	Mm.39264
31818	24965	AI854159	TC157612	thioredoxin reductase 1	Mm.21417
47457	32212	AI851188	null	null	null
5641	6522	AI851221	TC164308	null	Mm.41325
17985	20223	AI852735	TC189230	null	Mm.29604
14337	6246	AI854511	TC200662	vitronectin; complement S-prot	Mm.3667
91548	68053	AI854547	TC175131	null	Mm.29667
17958	15887	AI852824	TC160512	null	Mm.30256
25949	29253	AI852742	TC187425	null	Mm.32188
237237	221015	AI854520	TC186544	null	Mm.21905

14702	13911	AI854555	TC208713	null	Mm.39949
102316	64426	AI852833	TC186865	null	Mm.35850
89754	86604	AI853573	TC168195	null	Mm.6150
38365	30953	AI853602	TC187278	magnesium dependent protein ph	Mm.3766
20397	15294	AI853632	TC206898	null	Mm.40607
29060	64216	AI853697	TC186751	TGF-beta-inducible protein	Mm.22763
11740	10677	AI853579	null	null	Mm.39252
43347	20270	AI853608	TC175823	null	Mm.39032
115117	87682	AI853639	TC174039	null	Mm.24056
22967	16143	AI853704	TC170748	null	null
60723	64118	AI851010	TC200599	'PEBP2b3 protein'	Mm.2018
266245	237784	AI851039	TC191488	null	Mm.40701
46248	37696	AI851070	TC188928	tuftelin-interacting protein 3	Mm.20933
200239	167693	AI854102	TC188020	farnesyltransferase alpha subu	Mm.3496
27901	29204	AI851017	TC161593	null	Mm.24259
48640	40075	AI851047	TC210721	null	null
33945	28571	AI854083	null	null	null
43826	40918	AI854108	TC175687	null	Mm.26944
57176	38732	AI852862	TC160855	fumarase	Mm.41502
0	0	AI852903	TC161885	null	Mm.9738
55346	42612	AI853268	TC206787	null	null
176248	157863	AI853306	TC188244	null	Mm.10955
0	0	AI852870	TC201602	Ese1 protein	Mm.60679
34449	28116	AI853244	TC188164	null	Mm.28752
38110	37663	AI853278	TC191206	null	null
11372	13712	AI853320	TC176567	null	Mm.18478
0	0	AI853723	null	null	null
158047	116849	AI853673	TC201938	This gene includes jumping tra	Mm.13912
149690	158334	AI853822	TC186419	null	Mm.14245
28106	38338	AI853854	TC203287	multidrug resistance protein	Mm.41002
29006	25661	AI853729	null	null	null
364064	187827	AI853679	TC187042	ATPase inhibitor	Mm.2171
47966	28014	AI853828	TC188780	null	Mm.34614
42425	22600	AI853863	TC160532	null	Mm.28349
0	0	AI854127	TC160994	protease-nexin 1	Mm.3093
68758	58870	AI854153	TC160981	null	Mm.41642
73107	77077	AI851182	TC188122	null	Mm.29292
77357	77690	AI851215	TC202434	null	null
38650	34625	AI854133	TC163557	null	Mm.29943
22780	10836	AI851114	TC187705	null	Mm.28893
145176	117511	AI851189	TC204104	ORF for Mel-18	Mm.2418
62490	62198	AI851222	TC201019	NF-kappa-B DNA-binding subunit	Mm.3420
12627	13246	AI852736	TC157294	null	Mm.41452
0	0	AI854514	null	null	null
15970	8717	AI854548	TC196944	null	null
18552	12007	AI852825	TC192070	null	Mm.24427
0	0	AI852743	TC162035	beta subunit of Ca2+ /calmodu	Mm.4857
0	0	AI854521	null	null	null
12844	10395	AI854558	TC163381	null	Mm.44149
24258	16184	AI852834	TC175422	null	Mm.40605
0	0	AI853574	TC206968	null	Mm.41341

38859	22258	AI853603	null	null	null
35601	17554	AI853633	TC163640	null	Mm.29476
150667	107108	AI853698	null	null	Mm.23854
46544	28116	AI853580	TC176927	ZnT-3	Mm.1396
33427	44214	AI853609	TC176280	null	Mm.38526
98409	68954	AI853640	TC188693	null	Mm.25556
36945	33212	AI853705	null	null	Mm.39254
0	0	AI851011	TC173883	ataxin-2	Mm.1989
57057	52040	AI851040	null	null	null
16707	18966	AI851072	TC164588	null	Mm.41132
103897	84486	AI854103	TC173642	null	Mm.24397
116840	94544	AI851019	TC200843	null	Mm.21401
57879	51465	AI851049	TC173969	transmembrane protein	Mm.790
92836	74687	AI854084	TC186638	null	Mm.2875
12083	9054	AI854109	TC166784	null	Mm.44677
0	0	AI852863	null	null	Mm.40562
0	0	AI852905	TC210688	null	Mm.40563
18948	12077	AI853270	null	null	Mm.40945
34057	21723	AI853309	TC202936	null	Mm.871
15112	9663	AI852874	TC205909	null	Mm.39665
30773	20222	AI853245	TC188467	null	Mm.27665
192822	97523	AI853279	TC201600	null	Mm.28589
83955	78898	AI853322	TC161277	protein tyrosine phosphatase P	Mm.4220
0	0	AI853724	TC190234	vascular endothelial junction-	Mm.41758
37025	18029	AI853674	null	null	null
38354	40146	AI853823	TC186952	casein kinase II, alpha prime	Mm.28881
294555	169365	AI853855	TC186844	null	Mm.19834
79846	51487	AI853730	TC163872	rSHANK protein	Mm.40237
37346	26782	AI853680	TC163154	null	Mm.40627
42901	56213	AI853829	TC163029	null	Mm.11177
65653	56460	AI853864	TC200975	null	Mm.27477
0	0	AI854128	TC202574	null	Mm.41032
196727	179216	AI854154	TC186815	null	Mm.24460
73561	79452	AI851183	TC173841	poly(A) binding protein II	Mm.7723
142263	118138	AI851217	TC162465	null	Mm.34379
62492	46886	AI854134	TC202354	null	Mm.29180
35553	30333	AI851115	TC205113	null	Mm.41843
117369	107495	AI851190	TC205290	null	Mm.41062
42905	34771	AI851223	TC176671	null	Mm.29450
0	0	AI852737	TC175516	null	Mm.21619
0	0	AI854515	TC186837	antigen	Mm.2956
0	0	AI854549	TC187845	null	Mm.31563
131280	74643	AI852827	TC157738	thioredoxin reductase TR3	Mm.35853
9770	10860	AI854487	TC190012	null	null
26639	23219	AI854523	TC173097	null	Mm.3035
0	0	AI854559	TC160006	adenylyl cyclase-associated pr	Mm.8687
0	0	AI852835	TC202922	Pax-6 (paired box containing g	Mm.3608
0	0	AI853575	TC174795	null	Mm.34453
0	0	AI853604	null	null	Mm.6390
0	0	AI853635	null	null	null
0	0	AI853699	TC190944	null	Mm.39445

0	0	AI853581	TC189393	null	Mm.39478
0	0	AI853614	TC161472	membrane-associated adenylate	Mm.29189
25177	25637	AI853641	TC176235	null	Mm.30997
0	0	AI853706	TC175057	null	Mm.34514
148406	89785	AI851012	TC189995	glucocorticoid-regulated endoc	Mm.4032
0	0	AI851041	TC200474	mSmad1	Mm.15185
0	0	AI851073	TC177038	null	Mm.37767
42080	29153	AI854104	TC170118	null	null
0	0	AI851020	TC163971	null	null
0	0	AI851051	TC164512	null	Mm.41675
0	0	AI854085	TC164718	null	Mm.39682
0	0	AI854110	TC162579	FLT-1	Mm.3464
235226	299488	AI852864	TC159835	null	Mm.39130
32602	43256	AI853238	null	null	Mm.39672
15106	16445	AI853271	null	null	Mm.39249
85221	68415	AI853311	TC181412	null	Mm.41327
159768	100334	AI852875	null	null	null
123706	107874	AI853246	TC161526	null	Mm.37369
42093	38604	AI853281	TC188569	null	Mm.41901
104858	90225	AI853323	TC202923	null	Mm.11827
168732	165593	AI853725	TC190261	null	Mm.41692
65790	48597	AI853675	TC188293	null	Mm.28525
247118	219108	AI853824	null	null	null
28110	20690	AI853858	TC163369	Zic3 protein	Mm.4265
56471	48406	AI853657	TC191396	null	Mm.9654
180206	155184	AI853681	null	null	Mm.39677
77228	64437	AI853831	TC193265	ADP-ribosylation factor-like m	Mm.39966
125200	92627	AI853865	TC161470	null	Mm.41406
34159	23724	AI854129	null	null	Mm.40242
72649	58060	AI854155	TC177830	null	Mm.44148
41953	32317	AI851184	TC162020	null	Mm.28966
42380	32901	AI851218	TC203418	null	Mm.24160
31121	20716	AI854135	TC176912	P24 protein	Mm.4766
215948	156082	AI851116	TC162170	phospholipase C beta-3	Mm.6888
274800	194353	AI851191	TC176452	null	Mm.11428
98548	94401	AI851224	null	null	Mm.40209
17099	16458	AI852738	null	null	Mm.40934
31088	23261	AI854517	TC204136	null	Mm.41661
63636	46090	AI854550	TC201630	null	Mm.28242
0	0	AI852828	null	null	null
28870	25104	AI854491	TC207016	null	Mm.5293
27408	28250	AI854524	TC188281	cAMP inducible 1 protein	Mm.27387
44341	35187	AI854563	TC167514	null	null
447545	410042	AI852836	TC161333	null	null
31141	18726	AI853576	TC207265	null	null
144376	161732	AI853605	TC161708	serine palmitoyltransferase LC	Mm.565
20699	14954	AI853636	TC174688	null	Mm.40650
884570	626133	AI853700	TC160827	null	null
78759	70374	AI853582	TC201565	null	Mm.34059
170648	116318	AI853615	TC157730	null	Mm.1103
48454	48414	AI853642	TC201102	null	Mm.30036

202341	185639	AI853707	TC164133	null	null
550259	385817	AI851013	TC163442	null	Mm.5231
74778	68116	AI851042	TC188766	ATFx	Mm.1566
157851	145977	AI854079	TC173672	null	Mm.40273
55727	40238	AI854105	TC162141	null	null
233770	157026	AI851021	TC188074	retinal short-chain dehydrogen	Mm.14063
231403	153744	AI851052	TC187899	null	Mm.26392
112207	113095	AI854086	TC175626	null	Mm.30931
307553	300230	AI854111	TC201311	geranylgeranyl transferase bet	Mm.29211
28825	18949	AI852865	TC174238	null	Mm.18941
24522	17507	AI853239	TC181298	null	Mm.39927
0	0	AI853273	null	null	null
0	0	AI853315	TC188634	null	Mm.30237
83404	72831	AI852876	TC177184	null	Mm.17815
0	0	AI853248	null	null	Mm.40565
119424	130796	AI853284	TC160934	myelin gene expression factor	Mm.40946
41499	52666	AI854009	null	null	Mm.41172
0	0	AI853726	TC207851	null	Mm.39255
18381	11860	AI853676	TC160239	WW domain binding protein 11	Mm.3855
87715	84640	AI853825	TC158391	SDF2	Mm.935
26541	29765	AI853859	TC189327	null	Mm.23236
21292	19299	AI853658	TC170333	null	Mm.39256
19430	12530	AI853682	TC189416	null	Mm.16813
96590	93165	AI853833	TC164532	null	Mm.38561
49468	52154	AI853866	null	null	Mm.39258
80203	75411	AI854130	TC201877	null	Mm.21485
90872	74444	AI854157	TC176300	null	Mm.35483
74069	79235	AI851185	TC173219	null	Mm.29841
18961	17695	AI851219	TC176118	null	Mm.29125
63093	40256	AI854136	TC190962	null	Mm.23453
67642	71674	AI851117	TC187526	null	Mm.24327
70534	62244	AI851193	TC160742	GDP-dissociation inhibitor	Mm.28187
89580	65221	AI851226	TC163051	null	Mm.36575
32869	22116	AI854817	TC175739	null	Mm.17156
17733	20674	AI854847	TC160994	protease-nexin 1	Mm.3093
50823	39450	AI854881	TC175319	null	Mm.27438
90202	85277	AI854664	TC203912	null	Mm.41017
144826	79103	AI854826	TC173894	null	Mm.27406
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83092	71644	AI854888	TC159984	null	Mm.21606
56503	55103	AI854670	TC160367	null	Mm.28866
86760	94705	AI851176	TC186533	tip associating protein	Mm.7271
59784	66817	AI851337	TC174182	platelet activating factor ace	Mm.597
225498	216958	AI851373	TC160078	cyclin A	Mm.4189
94874	87761	AI851525	TC202427	5'(3')-deoxyribonucleotidase	Mm.41722
436343	223673	AI851107	TC202065	peripheral myelin protein	Mm.1237
22263	18528	AI851347	TC204327	putative secreted metalloprote	Mm.39718
20962	22044	AI851381	TC174483	null	null
20327	16264	AI851526	TC203168	null	Mm.33997
0	0	AA407331	null	null	Mm.43174
0	0	AA407482	TC200923	mrg1 protein	Mm.9524

119939	141478	AA407729	TC157727	kinesin heavy chain	Mm.3380
150241	96277	AA408068	TC160868	null	Mm.34609
20060	10789	AA407369	TC160589	null	Mm.42805
44412	38599	AA407590	TC201149	null	Mm.32776
0	0	AA407948	TC191541	null	Mm.3590
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16725	16571	AI850911	TC189391	null	Mm.57473
56838	45702	AI850944	TC200941	lipotransin	Mm.28127
10652	7087	AI854698	TC166476	null	Mm.35198
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18040	6672	AI850952	TC203977	null	Mm.52642
31451	26343	AI851547	null	null	null
89543	75364	AI851574	TC173375	null	Mm.22575
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56858	28363	AI851442	TC202420	null	Mm.25245
897232	737797	AI851553	TC200213	ras-GTPase-activating protein	Mm.7514
361195	225767	AI851581	TC175314	null	Mm.28602
157832	141285	AI851412	TC191104	null	Mm.25655
42154	33207	AI851453	TC197050	null	Mm.39646
150053	108982	AA409582	TC200540	null	Mm.29683
106244	84081	AA409778	TC175537	neurocrescin	Mm.23822
44167	41858	AA409955	TC161073	selenoprotein R	Mm.104599
78189	52749	AA409884	null	null	Mm.100139
0	0	AA409624	TC159186	null	Mm.36907
209980	113773	AA409699	TC200528	beta-tropomyosin (AA 1-284)	Mm.646
13731	15686	AA410010	TC174799	null	Mm.41933
72664	59080	AA410133	TC173632	null	Mm.21146
13058	11262	AI854820	TC202802	cell cycle checkpoint protein	Mm.20947
242937	196835	AI854850	TC188446	RP42	Mm.30127
8382	5876	AI854882	TC161974	null	Mm.6667
18290	18012	AI854665	TC162176	null	Mm.21892
0	0	AI854827	TC165133	null	Mm.39691
18154	16605	AI854858	TC188689	null	Mm.32545
23222	19650	AI854889	null	null	null
90807	127248	AI854671	TC200290	SET	Mm.36677
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58025	43381	AI851339	TC162807	cAMP-specific cyclic nucleotid	Mm.9757
24933	14320	AI851374	TC190692	null	Mm.37819
191534	146362	AI851516	TC208723	null	Mm.39902
49827	33657	AI851108	TC201880	null	Mm.34057
19866	18018	AI851348	TC175300	null	Mm.24441
58340	50641	AI851383	TC189049	null	Mm.30600
115394	86561	AI851529	null	null	null
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28099	22128	AA407894	TC164237	null	Mm.27517
23546	17747	AA407955	TC179199	null	Mm.24464
0	0	AA407375	TC201207	myosin I	Mm.3390



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0	0	AA408072	null	null	null
19226	13733	AA409485	null	null	null
23180	12156	AI854692	TC187711	null	Mm.29600
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36039	32016	AI850954	TC191743	null	Mm.44880
252112	216381	AI851548	TC186934	cyclin I	Mm.22711
404584	329710	AI851575	TC206732	null	null
18572	16629	AI851403	TC199929	mismatch-specific thymine-DNA	Mm.22103
311435	205147	AI851443	TC201160	UGTrel1	Mm.4593
195605	159418	AI851555	TC160150	null	Mm.28464
48094	39942	AI851582	TC192233	null	Mm.32699
61531	57184	AI851415	TC205185	null	Mm.29366
159272	131514	AI851454	null	null	Mm.5293
9405	7736	AA409587	null	null	Mm.37739
473896	448369	AA409782	TC157749	null	Mm.30108
60957	51859	AA409980	TC161255	null	Mm.33920
65219	41415	AA409886	TC158545	null	Mm.88753
78321	72406	AA409627	TC157749	null	Mm.30108
0	0	AA409744	TC191871	null	Mm.28894
61342	73179	AA410017	TC158005	null	Mm.35878
213051	236701	AA410137	null	null	null
122155	104782	AI854821	TC188466	acyl-CoA thioesterase	Mm.23368
20135	16907	AI854851	TC189099	null	Mm.3587
107844	126176	AI854883	TC177392	null	Mm.36537
93918	73999	AI854666	TC202765	null	Mm.24735
98498	89519	AI854828	TC188991	null	Mm.41539
22988	14424	AI854860	TC162886	null	Mm.44241
42822	32106	AI854890	TC174314	lysyl hydroxylase 1	Mm.37371
14804	11963	AI854672	TC162306	null	Mm.68936
705189	389296	AI851178	TC200985	null	Mm.26949
11153	9870	AI851340	TC193315	null	Mm.32292
94072	75770	AI851375	TC174951	null	Mm.27641
43107	21362	AI851517	TC186912	unnamed protein product	Mm.41277
109751	69458	AI851109	TC200888	null	Mm.44214
88041	60362	AI851349	TC204733	null	Mm.39707
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60432	45133	AI851530	TC176065	null	Mm.24370
0	0	AA407362	TC186573	null	Mm.25586
31961	27212	AA407572	null	null	null
63014	53985	AA407904	TC177090	null	Mm.28364
176975	133346	AA407960	TC186880	null	Mm.30012
0	0	AA407377	TC213295	null	Mm.100131
16776	5530	AA407607	TC199625	null	Mm.24461
0	0	AA408075	TC160678	null	null
0	0	AA409489	null	null	null

71751	50294	AI854693	TC188790	IkB-beta	Mm.4448
17634	15039	AI854719	TC162602	prostaglandin E synthase	Mm.41066
9036	11417	AI850914	null	null	Mm.39638
0	0	AI850946	TC191408	null	Mm.17697
56102	41398	AI854700	TC205620	null	Mm.11934
16677	11494	AI854725	TC162199	PL6 protein	Mm.27312
67345	51922	AI850924	TC200922	melanoma adhesion molecule	Mm.39103
0	0	AI850956	TC183531	null	null
83447	53443	AI851549	TC157260	tight junction-associated pro	Mm.27984
29830	19205	AI851576	TC161521	null	null
170496	165705	AI851404	TC157241	unnamed protein product	Mm.7649
155069	124547	AI851446	TC204443	zinc finger transcription fact	null
25788	24071	AI851556	TC160058	zipper protein kinase	Mm.111
71747	68532	AI851583	TC173938	null	Mm.34261
118395	91660	AI851416	TC162867	null	Mm.27639
39389	38929	AI851455	TC187671	null	Mm.24576
187910	99595	AA409588	TC160833	null	Mm.30053
61950	62936	AA409762	TC162584	null	Mm.3626
49690	66532	AA409982	TC178385	null	Mm.3635
44978	48943	AA409994	TC200979	null	Mm.29902
41902	42801	AA409629	null	null	Mm.103670
133138	60110	AA409749	null	null	Mm.3628
346242	311739	AA410123	null	null	Mm.70545
43623	43333	AA407673	TC188145	null	Mm.29208
0	0	AI854822	TC161498	null	Mm.28476
45571	23744	AI854852	null	null	null
34420	20562	AI854885	null	null	Mm.40248
34493	28444	AI854667	TC175219	peroxisome proliferator-activa	Mm.12926
28792	14365	AI854830	TC202262	null	Mm.40348
62600	49881	AI854862	TC175967	null	Mm.44092
162097	94096	AI854892	TC202162	null	Mm.41460
133287	88044	AI854673	TC200858	null	Mm.24828
187448	160443	AI851179	TC175520	null	Mm.28702
15379	10291	AI851341	TC176798	null	null
81136	54386	AI851378	TC203966	null	Mm.23218
165282	109909	AI851518	TC160154	MAP kinase-activated protein k	Mm.29725
78924	60964	AI851112	TC176238	null	Mm.41057
70254	65144	AI851350	TC202310	null	Mm.19944
84567	62276	AI851385	TC177795	null	Mm.31033
103150	66778	AI851531	TC177634	null	Mm.39756
0	0	AA407365	TC173342	glycoprotein gC1qBP	Mm.30049
32574	22709	AA407576	TC202080	unknown	Mm.7447
0	0	AA407921	null	null	Mm.100530
0	0	AA409408	TC177612	trophinin	Mm.3597
0	0	AA407378	null	null	Mm.24458
43091	44521	AA407540	TC158472	null	Mm.38879
24435	22525	AA408077	TC187572	null	Mm.29747
19497	7774	AA409425	TC173565	unnamed protein product	Mm.29945
0	0	AI854694	null	null	null
7937	12124	AI854720	TC182735	null	Mm.39363
221861	159315	AI850915	TC200618	null	Mm.27173

98016	93122	AI850948	TC188550	null	Mm.22315
32900	23552	AI854701	TC202803	null	Mm.40604
397528	352895	AI854727	null	null	null
56048	39476	AI850925	null	null	Mm.40895
13521	15581	AI850957	TC201835	null	Mm.28967
91532	84564	AI851550	null	null	Mm.32100
71615	65043	AI851577	TC165561	null	Mm.39229
89497	102953	AI851407	TC160419	phospholipase A-2-activating p	Mm.22724
302210	148612	AI851449	TC175046	carnitine acetyltransferase	Mm.20396
31621	25390	AI851557	TC204616	null	Mm.41869
96995	77000	AI851584	TC201939	null	Mm.29145
67132	56414	AI851418	TC186938	pigment epithelium-derived fac	Mm.2044
18897	12242	AI851457	TC206894	null	Mm.37399
86196	90484	AA409614	TC160423	null	Mm.21667
17910	16637	AA409789	TC175537	neurocrescin	Mm.1436
11597	11457	AA409988	TC195239	null	Mm.100525
0	0	AA409995	TC175806	null	Mm.27521
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32419	24997	AA409751	null	null	null
317713	355548	AA410155	TC206293	null	Mm.27745
37760	27132	AA409710	null	null	null
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66135	61055	AI854886	TC191380	null	Mm.31418
0	0	AI854668	TC175708	null	Mm.31557
0	0	AI854832	null	null	null
0	0	AI854863	TC173741	null	Mm.38801
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0	0	AI851351	TC178017	null	Mm.33138
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0	0	AI851532	null	null	Mm.40211
0	0	AA407381	TC192323	null	Mm.37988
0	0	AA407578	TC186748	null	Mm.22651
21873	16841	AA407944	TC201670	cupidin	Mm.228
0	0	AA409410	TC161509	null	Mm.21520
0	0	AA407409	TC202734	null	Mm.40282
0	0	AA407543	TC160797	null	Mm.29925
0	0	AA407930	TC157804	arsenite inducible RNA associa	Mm.24521
0	0	AA409460	null	null	Mm.36091
27239	16078	AI854696	TC176210	null	Mm.41477
48276	35041	AI854721	TC163601	null	Mm.41168
44627	34641	AI850916	TC200980	null	null
23690	20351	AI850949	TC160480	null	Mm.39640
388922	234198	AI854702	TC173113	null	Mm.400
208619	205027	AI854728	TC173360	null	Mm.29864

72591	48890	AI850926	TC175777	null	Mm.27930
46626	45745	AI850959	TC187493	mannose-6-phosphate-receptor	Mm.1358
26935	29240	AI851551	TC162045	NG29	Mm.11175
99052	88867	AI851579	TC160327	radixin	Mm.7051
1267060	1168450	AI851409	TC186557	null	Mm.29057
75181	62377	AI851451	TC188408	cytokine receptor-like molecu	Mm.33962
94239	86832	AI851558	TC202954	null	Mm.31048
187050	182505	AI851586	TC163177	null	Mm.44179
155257	125401	AI851420	null	null	Mm.41001
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77388	62101	AA409618	TC186992	null	Mm.155
126406	100991	AA409791	TC202365	poliovirus receptor homolog pr	Mm.4341
1054946	743517	AA410005	TC158909	Ypt1 protein (AA 1-205)	Mm.14530
124147	104231	AA409999	TC202097	null	Mm.21640
35241	29020	AA409518	TC178181	null	Mm.24470
417509	348288	AA409850	TC186458	null	Mm.30175
127917	145645	AA410164	TC206698	null	Mm.3639
63329	75412	AA409908	TC174018	glutamate-cysteine ligase cata	Mm.4368
69700	51804	AI854825	TC189899	null	Mm.27143
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157824	108669	AI854887	TC175665	null	Mm.23661
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27480	27664	AI854833	TC174415	null	Mm.24200
28845	19854	AI854864	TC160751	null	Mm.22031
46558	30269	AI854896	TC205629	neuronal pentraxin 1	Mm.5142
206807	186303	AI854676	TC159989	null	Mm.10314
819507	477646	AI851106	TC200017	thyroid hormone binding protei	Mm.16660
145496	155960	AI851345	TC159963	null	Mm.30089
24864	21318	AI851380	TC183499	null	Mm.41845
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65883	54402	AI851317	TC179580	null	null
319611	244637	AI851352	null	null	null
65304	58579	AI851387	TC188915	null	Mm.1630
53223	44898	AI851533	TC163449	endophilin I	Mm.26533
23258	12725	AA407367	TC190862	null	Mm.27840
72379	58348	AA407588	TC174847	null	Mm.29627
116780	127670	AA409481	null	null	Mm.20946
0	0	AA407413	TC162337	null	Mm.22572
0	0	AA407555	TC208698	null	Mm.63492
0	0	AA408084	TC189258	null	Mm.25299
98783	114822	AA409466	TC160239	WW domain binding protein 11	Mm.3855
19640	16106	AI854697	null	null	Mm.40587
34775	26014	AI854722	null	null	Mm.39689
760013	345615	AI850919	null	null	null
17914	15282	AI850951	TC210727	null	Mm.40206
219721	173788	AI854703	TC164388	null	Mm.26678
50281	42457	AI854729	TC173726	null	Mm.29610
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129845	110557	AI850960	TC190247	null	Mm.40897
200188	176776	AI851552	TC163444	null	Mm.34807
269296	177614	AI851580	TC189043	SWI/SNF complex 60 KDa subunit	Mm.7308

52352	128762	AI851411	TC200792	von Ebner minor salivary gland	Mm.3783
34167	32722	AI851452	TC191722	null	null
109268	114107	AI851559	TC205950	null	Mm.33205
61970	54648	AI851587	TC204049	null	Mm.41788
14484	16852	AI851422	TC175861	MMRP19	Mm.24772
71737	57020	AI851461	TC177140	null	Mm.41031
41808	23288	AA409620	TC176490	null	Mm.36726
82091	67825	AA409792	TC162432	null	Mm.63991
130848	154768	AA410009	null	null	Mm.3636
29614	20557	AA410130	null	null	Mm.76703
41762	32782	AA409520	TC178181	null	Mm.24470
44019	62507	AA409838	null	null	Mm.3065
167567	138796	AA410169	TC201797	aurora-related kinase 2	Mm.3488
50263	34162	AA409910	null	null	Mm.34029
14800	11676	AA408562	TC190467	null	Mm.24494
113212	92469	AA408554	TC179116	null	Mm.7548
12518	4862	AA408837	TC194178	null	Mm.24492
242704	103828	AA408946	TC187601	glycerol-3-phosphate dehydroge	Mm.3711
0	0	AA408617	null	null	Mm.24497
59922	65880	AA408753	TC188610	null	Mm.24496
0	0	AA408865	TC165364	null	Mm.3731
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37203	27411	AW538564	TC160751	null	Mm.22031
48781	45269	AW538394	TC163117	null	Mm.30945
47814	34543	AW538474	TC161811	null	Mm.36811
339066	370939	AW538529	TC206415	null	null
67631	46184	AW538575	TC187332	null	Mm.33926
13165	17540	AW539587	TC187786	CMP-sialic acid transporter	Mm.22684
59237	58390	AW539654	TC201083	null	Mm.24456
278685	286768	AW539790	TC186742	intracellular chloride channel	Mm.22409
166427	165356	AW540958	TC161363	null	Mm.29637
141433	95852	AW539607	TC160719	null	Mm.27424
0	0	null	null	null	null
146072	141198	AW539810	TC201897	GlcNAc-1-P transferase	Mm.18353
56522	61929	AW540979	TC160334	translin	Mm.14644
63745	43662	AA409067	TC162388	null	Mm.28512
0	0	AA409227	TC173544	somatic histone binding protei	Mm.7516
0	0	AA409376	TC201927	CAAT-box DNA binding protein s	Mm.4929
108828	106422	AW537893	TC200579	alpha 4 protein	Mm.7454
20556	31191	AA409082	TC173718	taipoxin-associated calcium bi	Mm.1782
430210	276150	AA409312	null	null	null
69501	53994	AW537844	TC206323	null	Mm.102617
56879	46322	AW537911	TC178477	null	Mm.31112
254429	210814	AW538620	null	null	null
23624	23196	AW538678	TC188367	null	Mm.11521
23737	16257	AW538738	null	null	null
20055	17318	AW538802	TC159063	null	Mm.3199
18219	12734	AW538630	null	null	Mm.103471

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12554	14945	AW538756	TC158100	null	null
2748392	1513053	AW538820	TC175242	adenylate kinase 4	Mm.42040
27163	23921	AW541427	TC161089	null	Mm.27863
19074	9994	AW541479	null	null	Mm.104653
234398	203675	AW542323	null	null	Mm.2573
85311	89081	AW542394	TC186505	null	Mm.21802
605640	451373	AW541443	TC203136	null	Mm.798
21929	17759	AW541489	TC204109	brain natriuretic peptide	Mm.2740
399835	397360	AW542335	TC186426	null	Mm.27800
702127	740705	AW542408	TC173665	mammary transforming protein	Mm.544
0	0	AA408564	null	null	null
68530	55572	AA408731	TC203040	null	Mm.3727
225984	173102	AA408840	TC160932	null	Mm.28347
413061	350512	AA408947	TC200372	integral membrane protein 1	Mm.36551
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26607	22563	AA408762	TC203195	laminin alpha 5 chain	Mm.4339
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66746	41498	AA408967	null	null	null
25851	32489	null	null	null	null
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155806	120516	AW538517	TC200940	null	Mm.21187
77062	83920	AW538565	TC193429	null	Mm.87727
41715	48683	AW538403	TC160798	formin binding protein 11	Mm.90052
0	0	AW538477	TC201968	null	Mm.31043
298954	173223	AW538531	TC159812	cytochrome c oxidase subunit V	Mm.14022
826444	432214	AW538577	TC175917	null	Mm.29080
68832	48269	AW539588	TC197656	null	null
63425	58694	AW539656	TC201824	null	Mm.5972
180760	202364	AW539791	TC201101	null	Mm.28057
1109064	702368	AW540961	TC177029	plasma membrane protein syntax	Mm.24867
43225	41824	AW539609	TC160775	plakoglobin	Mm.21990
0	0	AW539673	null	null	null
250091	217271	AW539811	TC159965	CDC10	Mm.2858
981238	751483	AW540980	TC173360	null	Mm.29864
71942	50290	AA409074	TC188285	null	Mm.24002
19690	18620	AA409231	null	null	null
569725	406497	AA409377	TC162918	null	Mm.2247
109383	100959	AW537898	TC202099	null	Mm.35458
11146	8639	AA409115	null	null	null
84672	64569	AA409320	TC186401	null	null
190467	150455	AW537849	TC186532	male-enhanced antigen	Mm.88062
138633	81251	AW537914	TC173804	null	Mm.29202
0	0	null	null	null	null
74403	58013	AW538679	TC203952	null	Mm.49309
2356445	1478091	AW538739	TC186908	null	Mm.25794
15206	19180	AW538809	TC202413	null	Mm.41533
48166	51463	AW538632	TC175968	null	Mm.12669
18309	32789	AW538700	TC176119	null	Mm.158
70723	46811	AW538757	TC190322	parathyroid hormone-related pe	Mm.28440
64899	70872	AW538827	TC164796	null	null

471279	355071	AW541429	TC160296	null	Mm.27363
359136	375644	AW541480	null	null	null
427495	394857	AW542325	null	null	Mm.102697
206342	358492	AW542396	TC189491	tissue factor	Mm.31298
343808	312457	AW541446	TC173347	null	Mm.22333
522793	273954	AW541494	TC159784	surfeit 4 protein	Mm.2795
78053	58314	null	null	null	null
436337	332081	AW542410	TC174325	mSUG1 protein	Mm.665
0	0	AA408594	TC187636	mszf35	Mm.29962
45520	44200	AA408733	TC187853	null	Mm.74084
266862	197191	AA408841	TC186833	cysteine rich protein 1	Mm.10919
74371	57567	AA408949	TC160336	null	Mm.36765
17038	21745	AA408634	TC174018	glutamate-cysteine ligase cata	Mm.93774
8212	10386	AA408778	TC161806	null	Mm.44184
21041	14632	AA408720	TC186738	null	Mm.30250
14385	8150	AA408973	TC202318	null	Mm.24573
0	0	null	null	null	null
52517	40722	AW538466	TC190250	transglutaminase type 1	Mm.41964
932775	653016	AW538521	null	null	null
363344	229200	AW538566	TC186804	lithium-sensitive myo-inositol	Mm.8089
46398	33592	AW538407	TC202348	Givr-1	Mm.16757
0	0	AW538478	TC160789	null	Mm.5545
137425	167925	AW538537	TC162223	TOPK	Mm.24337
52399	40972	AW538579	TC161383	null	Mm.27608
667758	537307	AW539593	TC187991	UTX	Mm.28750
75557	57356	AW539657	TC195252	null	Mm.102863
70210	48919	AW539800	TC159075	null	Mm.82676
35845	32403	AW540965	TC189946	ATFa-associated factor	Mm.31529
7862	9172	AW539613	null	null	null
167976	151018	AW539684	TC158328	ring-box protein 1	Mm.29405
135677	109742	AW539814	TC162514	null	Mm.36705
118772	107300	AW540982	TC158944	null	Mm.28982
0	0	AA409100	TC186401	null	null
10800	10309	AA409233	TC176844	null	Mm.25096
294272	165517	AW537835	TC200477	null	Mm.29196
65533	53825	AW537899	TC160856	aminopeptidase	Mm.29824
683263	548557	AA409121	null	null	null
48683	36996	AA409322	TC187587	null	Mm.22269
143089	137136	AW537855	TC188123	null	Mm.26828
43994	36258	AW537918	TC157981	null	null
10797	9213	AW538623	TC201742	null	Mm.27561
535306	473718	AW538686	TC158918	UbcM4 protein	Mm.3074
862429	482581	AW538747	null	null	Mm.102563
68241	44892	AW538811	TC176843	hairy-related transcription fa	Mm.103615
1300117	755904	AW538640	TC161688	null	Mm.3154
68212	55943	AW538701	TC187367	null	Mm.29801
704652	809354	AW538759	null	null	null
244417	189741	AW538829	TC173092	brain beta spectrin	Mm.3914
27410	23833	null	null	null	null
36561	38846	AW541483	null	null	Mm.21274
547681	392177	AW542328	TC187168	null	Mm.28765

232520	282843	AW542397	TC186567	nucleosome assembly protein-1	Mm.3797
214122	193350	AW541449	TC161413	null	Mm.27945
3191873	2586674	AW541496	null	null	null
873782	853991	AW542339	TC200499	null	Mm.46558
315736	256437	AW542410	TC174325	mSUG1 protein	Mm.665
0	0	AA408602	TC173420	chaperonin 10	Mm.12970
134913	98239	AA408738	TC189296	null	Mm.24503
508295	245501	AA408860	null	null	Mm.90041
31016	19844	AA408954	null	null	Mm.3737
57794	59035	AA408580	null	null	Mm.46673
57409	66213	AA408781	TC179053	null	Mm.34664
550119	543033	AA408723	null	null	Mm.4550
17679	17465	AA408902	TC199651	null	Mm.36552
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20837	14502	AW538468	TC184105	null	Mm.102553
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336589	389753	AW538568	TC158810	null	Mm.14838
0	0	AW538408	TC211309	null	null
26693	12186	AW538480	TC177057	null	Mm.45371
111843	52635	null	null	null	null
65466	50693	AW538582	TC175252	null	Mm.87720
46743	46558	AW539598	TC161642	F-box protein FBX6b	Mm.27445
125644	118130	AW539669	TC160413	unknown	Mm.9846
132894	102178	AW539801	TC160008	palmitoyl-protein thioesterase	Mm.43660
16329	7504	AW540966	TC162721	null	Mm.28230
471100	515047	AW539614	TC200228	B cell antigen receptor Ig bet	Mm.28165
219895	183684	AW539750	null	null	null
866034	679740	AW539815	null	null	null
54182	64664	AW540984	TC158991	inhibitor of apoptosis homolog	Mm.8552
8348	6846	AA409105	TC200940	null	Mm.21187
24706	19014	AA409293	TC160681	null	Mm.22353
193367	116432	AW537836	TC178089	null	Mm.31078
14719	12947	AW537907	TC162790	null	Mm.12430
41092	32652	AA409125	TC175080	AMY-1	Mm.12975
178176	211683	AA409347	TC173134	ribosomal protein L18	Mm.41923
35758	30247	AW537856	null	null	null
122525	89660	null	null	null	null
32604	46420	AW538624	TC199959	null	Mm.19117
1377758	1432514	AW538688	null	null	null
58006	48268	AW538752	TC157815	Rad1-like DNA damage checkpoin	Mm.38376
49019	41997	AW538812	TC187558	multiple exostosis protein	Mm.4336
134059	122675	AW538647	TC173077	PW29	Mm.164
0	0	AW538704	TC200635	cystatin B	Mm.6095
1619070	869120	AW538761	null	null	Mm.102565
83362	82407	AW538832	TC160874	null	Mm.28092
45949	26072	AW541437	null	null	Mm.102667
106280	118896	AW541485	TC161210	low density lipoprotein recept	Mm.3213
1595191	1313073	AW542332	null	null	Mm.102699
559300	540013	AW542400	TC161067	null	Mm.27839
253723	248362	AW541451	TC161925	null	Mm.11849
2126697	2207522	AW541497	null	null	null



212401	128965	AW542343	TC162260	AP-2.2 protein	Mm.3629
795319	663694	AW542413	TC187380	testosterone induced transcrip	Mm.42240
0	0	AA408604	TC206792	null	Mm.43505
16860	24134	AA408740	TC202209	null	Mm.21521
69059	58411	AA408842	TC202684	null	Mm.41393
52916	31532	AA408960	TC173994	null	Mm.27292
74642	68110	AA408642	null	null	Mm.88713
0	0	AA408785	TC174019	null	Mm.28265
45488	45712	AA408725	null	null	null
0	0	AA408978	TC188856	null	Mm.85814
0	0	AW538391	TC180281	null	Mm.102551
26734	32778	AW538471	TC157865	ubiquitin C-terminal hydrolase	Mm.52067
151118	131541	AW538525	TC173681	null	Mm.28287
331687	183573	AW538569	TC160120	mitochondrial carrier homolog	Mm.28023
0	0	AW538410	TC187143	null	Mm.21409
49695	66405	AW538481	TC173131	null	Mm.29859
181441	133781	AW538538	TC187316	suppressor of cytokine signall	Mm.3468
40345	31469	AW538589	null	null	null
0	0	AW539601	null	null	null
33206	24636	AW539670	TC165647	null	Mm.32200
0	0	AW539806	TC160434	null	Mm.28397
48082	96139	AW540967	TC160261	null	Mm.21126
0	0	AW539621	null	null	null
189544	234374	AW539755	TC186471	t-complex polypeptide 1A	Mm.2223
392477	491063	AW539816	TC189384	null	Mm.24686
0	0	AW540987	TC188177	null	Mm.27971
33415	30215	AA409079	TC187177	30-kDa subunit of replication	Mm.2870
99811	87923	AA409304	TC194637	null	Mm.27410
128532	118971	AW537837	TC188263	null	Mm.27854
173851	140646	AW537908	TC177414	null	Mm.45767
99391	63852	AA409147	TC157641	delta7-sterol reductase	Mm.3747
313763	407003	AA409352	null	null	Mm.42790
210393	149055	AW537858	null	null	Mm.102537
158864	135672	AW537926	TC160862	null	Mm.21586
37392	19691	AW538626	TC159675	chromosome segregation protein	Mm.100721
78954	126174	AW538689	TC161497	null	Mm.46438
378301	290063	AW538753	TC188147	null	Mm.25353
164270	116414	AW538815	TC203288	null	Mm.100863
0	0	null	null	null	null
93020	101657	AW538705	null	null	null
312233	261433	AW538766	TC200196	ERG-associated protein ESET	Mm.30196
34237	27498	AW538836	null	null	null
1077293	967192	AW541438	TC174262	null	Mm.29706
73606	67772	AW541487	TC162355	null	Mm.37787
16424	13953	AW542333	TC204482	null	Mm.29903
439968	423771	AW542401	TC158858	null	Mm.25393
143003	210750	AW541452	TC187926	tRNA-guanine transglycosylase	Mm.24178
108450	91172	AW541498	TC174597	null	Mm.29105
139668	168148	AW542347	TC163297	null	Mm.24628
546293	545530	AW542414	TC190781	null	Mm.22834
250246	271922	AA408610	TC173591	MRJ	Mm.2701

36554	40836	AA408751	TC200176	unnamed protein product	Mm.29341
2014028	1375918	AA408850	TC189258	null	Mm.25299
372700	369946	AA408962	TC173281	cyclophilin CyP-S1	Mm.2412
0	0	AA408674	TC163812	null	Mm.24787
48951	56168	AA408787	TC160049	TIF1 beta protein	Mm.15701
129055	153900	AA408882	TC175586	null	Mm.24505
298693	418137	AA408980	TC200943	chop-10	Mm.28173
246811	196773	AW538393	TC200588	null	Mm.29778
179095	203086	AW538472	TC187004	null	Mm.17912
0	0	AW538527	TC176212	null	Mm.45099
173993	143695	AW538574	TC173610	ATP sulfurylase/APS kinase	Mm.18161
0	0	AW538412	TC159985	cerebellum postnatal developme	Mm.33875
41638	31577	AW538486	null	null	null
45276	48743	AW538539	TC163068	cyclophilin-33	Mm.11761
176269	174630	AW538592	TC160426	null	Mm.22086
105631	96825	AW539605	TC173973	null	Mm.29660
164233	170322	AW539671	null	null	Mm.102603
60844	22564	AW539808	TC202672	null	Mm.100307
86066	81351	AW540970	null	null	Mm.102656
493178	604401	AW539622	TC173648	complement receptor	Mm.88295
93689	102514	AW539757	TC159040	null	Mm.1298
186790	159257	AW539818	TC188654	null	Mm.27326
0	0	null	null	null	null
113946	104175	AA409081	TC159784	surfeit 4 protein	Mm.2795
99745	105345	AA409307	TC189306	null	Mm.28256
1037170	753871	AW537841	TC176554	null	Mm.18562
770911	700311	AW537910	null	null	null
0	0	AA409130	TC191541	null	Mm.3590
219802	190000	AA409336	TC161264	phosphoprotein	Mm.489
63504	71197	AW537860	TC162821	null	Mm.45651
309479	248958	null	null	null	null
34813	45143	AW538629	TC160258	null	Mm.29835
366613	468785	AW538695	null	null	Mm.102561
162524	127435	AW538754	TC173791	null	Mm.36883
619982	700847	AW538816	null	null	null
203386	208719	AW538648	TC160508	null	Mm.28968
222632	198267	AW538706	TC161203	null	Mm.24293
55131	42138	AW538769	TC202931	null	Mm.38813
0	0	AW538839	null	null	null
66604	59498	AW541442	TC189358	null	Mm.45272
0	0	AW541488	TC200121	beta2-microglobulin precursor	Mm.163
174296	142271	AW542334	TC204249	GM1/GD1b/GA1 synthase	Mm.11132
116982	101119	AW542405	null	null	null
238492	436173	AW541453	TC160745	Myc basic motif homologue-1	Mm.18626
1246581	731286	AW541499	TC162643	purine-selective Na+ nucleosid	Mm.29510
115788	138154	AW542349	TC187526	null	Mm.27600
603007	642943	AW542415	TC186442	ubiquitin conjugating enzyme	Mm.1570
0	0	AW543827	TC175808	null	Mm.41440
92453	86096	AW543973	TC158387	null	Mm.22440
53448	53767	AW544040	TC186787	null	Mm.25634
399219	335812	AW544120	null	null	null

139405	97354	AW543839	TC163702	null	Mm.34402
226246	311564	AW543989	TC189645	null	Mm.34499
112510	98665	AW544067	TC189186	null	Mm.10343
29691	31016	AW544134	TC174716	null	Mm.29491
725854	743152	AW545006	TC200289	proteasome beta-subunit C5	Mm.34837
376247	242808	AW545189	TC200365	null	Mm.21094
167283	127960	AW545275	TC173319	null	Mm.43640
878676	737786	AW545321	null	null	null
166527	167480	AW545119	TC162165	alpha-catenin related protein	Mm.25400
97710	71770	AW545033	TC174861	null	Mm.12187
30906	52134	AW545287	TC164606	null	Mm.103480
50486	44317	AW545336	null	null	null
115502	83661	AW536317	TC174282	null	Mm.21761
71394	75726	AW536361	TC161441	null	Mm.38930
45790	49316	AW536424	TC202487	null	Mm.86400
269805	295937	AW536460	TC159865	X16	Mm.6787
249904	202219	AW536326	null	null	null
282554	224066	null	null	null	null
59360	48070	AW536429	TC158380	ADP-ribosylarginine hydrolase	Mm.20047
253672	179531	AW536471	null	null	Mm.102503
303235	481083	AW544184	null	null	null
48256	41562	AW544253	TC176316	null	Mm.39973
105618	102383	AW544320	TC186685	null	Mm.29916
257028	289687	AW544374	TC173154	dead-box RNA helicase	Mm.18459
10326	9186	null	null	null	null
197212	153379	AW544267	TC200795	null	Mm.28858
0	0	AW544337	null	null	Mm.104503
14238	10592	AW544389	TC202441	null	Mm.6724
44275	44678	AW545372	TC176136	null	Mm.46649
120227	64126	AW545455	TC162743	null	Mm.6161
25158	26387	AW545598	TC187238	GLUT4 vesicle protein	Mm.29010
384833	361218	AW545658	TC157774	p120	Mm.35738
0	0	AW545393	TC163235	null	Mm.34612
0	0	null	null	null	null
626003	497945	AW545614	null	null	null
303968	238990	AW545673	null	null	Mm.102792
418118	419540	AW536514	null	null	Mm.22505
101496	88775	AW536564	TC187540	null	Mm.28038
153572	159741	AW536617	TC177778	null	Mm.39024
35527	30051	AW536675	TC200962	null	Mm.26214
61471	43174	null	null	null	null
644944	274861	AW536623	TC173952	null	Mm.12983
36621	40673	AW536691	TC164682	null	Mm.37530
0	0	AW543829	TC201124	ornithine decarboxylase antizy	Mm.675
23657	21711	AW543974	TC201827	unnamed protein product	Mm.100589
371669	242615	AW544045	TC186893	null	Mm.21707
58776	66581	AW544122	TC186566	DN38	Mm.3797
56407	79305	AW543848	TC160569	nucleolar RNA helicase II/Gu	Mm.24830
673788	472481	AW543993	TC189523	null	Mm.28334
177353	144306	AW544069	null	null	null
2808233	2384791	AW544139	null	null	null

1183266	875535	AW545016	TC160422	ALG-2	Mm.24254
396699	311150	AW545193	TC187351	null	Mm.17162
15167	5790	AW545277	null	null	null
24461	23626	AW545323	null	null	null
0	0	AW545120	null	null	null
171536	127203	AW545215	TC201915	null	Mm.24353
3081329	2328760	AW545291	null	null	Mm.2648
43581	41064	AW545338	TC186452	unknown	Mm.39896
349202	280470	AW536319	TC188644	null	Mm.23826
0	0	AW536363	null	null	Mm.102501
171788	132046	null	null	null	null
139308	163198	AW536460	TC159865	X16	Mm.6787
78364	57741	AW536327	TC163059	null	Mm.38439
119445	107138	AW536390	TC187037	26S proteasome subunit p40.5	Mm.29760
94069	86349	AW536433	TC174118	NST-1	Mm.89341
24140	13355	null	null	null	null
55501	36179	AW544186	null	null	null
0	0	AW544257	null	null	null
109392	72077	AW544322	TC157445	null	Mm.103388
503126	387569	AW544375	TC206813	null	Mm.49048
70593	87925	AW544204	TC173202	CCTtheta, theta subunit of the	Mm.17989
570397	381524	AW544269	null	null	null
344730	280088	AW544339	TC159490	cadherin associated protein	Mm.18962
264126	224332	AW544394	TC188512	null	Mm.20363
65399	56081	null	null	null	null
114258	85283	AW545456	TC203204	toll/interleukin-1 receptor 8	Mm.38017
68102	70590	AW545602	TC159140	null	Mm.104586
42906	46328	AW545662	TC160146	MSS1	Mm.2462
122159	100246	AW545404	null	null	null
33424	26339	AW545556	TC160418	RNA/DNA-binding protein	Mm.1951
49025	36700	AW545615	TC188179	null	Mm.21480
19070	16235	AW545676	TC162953	null	Mm.76286
143461	120255	AW536516	TC161200	null	Mm.89515
30809	21203	AW536567	TC202160	null	Mm.102507
453958	229383	AW536618	TC162026	null	Mm.34789
532956	289245	null	null	null	null
197210	226517	AW536523	TC174466	I-kappa B alpha chain	Mm.8884
75168	77784	AW536576	TC164418	tsec-1	Mm.14485
2775660	2320245	AW536624	null	null	null
37246	38678	AW536692	TC158679	null	Mm.37308
0	0	null	null	null	null
16119	25952	AW543975	TC201870	null	Mm.36541
282906	242015	AW544048	TC201035	null	Mm.31845
18859	15479	null	null	null	null
243374	204702	AW543849	TC163367	SIL	Mm.3988
196706	174276	AW543994	TC161746	null	Mm.24431
25409	21995	AW544077	TC211295	null	Mm.102737
76423	80927	AW544140	TC200781	null	Mm.9257
100335	97843	AW545018	TC179099	null	Mm.102777
138161	143275	AW545194	TC175733	null	Mm.22413
2178671	1214677	AW545279	TC186387	null	Mm.22699

606215	592139	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
0	0	AW545121	null	null	Mm.102778
274787	225889	AW545219	null	null	null
1138854	890371	AW545296	null	null	null
27588	21409	AW545339	TC157330	arginine-tRNA-protein transfer	Mm.21907
81774	70902	AW536320	TC188108	ORC4-related protein	Mm.21834
256589	177999	AW536375	TC159968	null	Mm.24593
792565	1130978	AW536425	TC159415	nucleolin	Mm.4907
10714	6976	AW536463	null	null	null
136572	133716	AW536328	TC159955	signal recognition particle su	Mm.850
210825	151927	AW536397	TC190304	molybdenum cofactor synthesis-	Mm.22256
195985	103611	AW536435	TC203025	null	Mm.29293
2842955	812067	AW536474	TC200117	apolipoprotein A-IV	Mm.4533
9190	12223	AW544190	TC161453	null	Mm.30224
10555	6358	AW544260	TC159061	ERCC-1 polypeptide (AA 1-298)	Mm.4700
338956	278097	AW544323	null	null	null
24283	22948	AW544376	TC201258	null	Mm.24474
102992	82165	AW544205	TC191443	null	Mm.95292
270847	226926	AW544270	TC186568	ras-related C3 botulinium tox	Mm.889
37256	41349	AW544340	TC161693	null	Mm.102126
18020	16373	null	null	null	null
0	0	AW545379	TC180588	null	Mm.102705
10786	12220	AW545543	TC189923	putative	Mm.27096
1627954	1304858	AW545606	null	null	Mm.102790
91652	77077	AW545662	TC160146	MSS1	Mm.2462
276008	155820	AW545405	TC201944	null	Mm.27451
16351	13009	AW545557	null	null	null
56814	53453	AW545620	TC190985	null	Mm.102791
262068	249411	AW545677	TC160834	cytokeratin	Mm.1012
158072	175376	AW536518	TC174563	BAF53a	Mm.29546
122004	122269	AW536572	TC202959	null	Mm.45020
570421	789067	null	null	null	null
365398	359570	AW536682	TC187080	nuclear pore-targeting complex	Mm.16710
95220	96976	AW536528	TC157256	null	Mm.104216
128558	99023	AW536578	TC174717	ubiquitin specific protease 16	Mm.27510
71910	57084	AW536629	TC157992	null	Mm.88389
592852	219320	AW536693	TC173909	alpha-1 type II collagen	Mm.2423
89782	84633	AW543832	TC160705	null	Mm.27695
31761	21489	AW543978	TC189821	null	Mm.27124
654128	452066	AW544050	TC160402	cathepsin Z	Mm.115
247426	223541	AW544127	TC179076	null	Mm.55062
1479603	992472	AW543850	TC186897	null	Mm.28981
2619673	1509679	AW543998	TC174435	3.4J polypeptide	Mm.2442
521417	397622	AW544079	TC157881	null	Mm.33206
77721	62228	AW544141	TC200894	null	Mm.29120
42010	34253	AW545109	null	null	null
146993	102601	AW545196	TC173039	Sui1 homolog	Mm.13886
124418	129164	AW545280	TC160334	translin	Mm.14644
641922	692333	AW545326	TC186445	serine/threonine protein phosph	Mm.1970
198131	131307	AW545124	null	null	null
0	0	AW545222	TC188867	null	Mm.37756

49069	35602	null	null	null
248396	248858	AW545340	TC201530	mCAC
30990	21991	AW536321	TC189025	null
109684	63775	AW536378	TC188618	null
46273	60377	AW536426	TC157719	prenidogen (AA -28 to 1217)
26851	19951	AW536464	TC163370	null
91933	72217	AW536329	TC173482	null
153762	91900	AW536398	TC186761	null
43432	40075	AW536439	TC173573	factor B
17319	19617	AW536477	TC187257	null
24257	15641	AW544193	null	null
135752	91355	AW544263	TC178116	null
16868	13092	AW544328	TC191236	null
34288	22537	AW544378	TC175889	ecto-apyrase CD39
79591	77362	AW544207	TC161179	ubiquitin-conjugating enzyme U
222184	133068	AW544272	TC160238	DnaJ-like protein
89471	125973	AW544343	TC186828	null
15124	15137	AW544399	null	null
26131	22034	AW545386	TC187482	null
13994	6295	AW545547	TC202827	null
38734	40191	null	null	null
97149	99993	AW545662	TC160146	MSS1
0	0	AW545407	TC189305	50C15 protein
103348	97690	AW545558	TC174731	IKappaB-like protein
32420	33250	AW545622	TC176376	endothelial cell protein C/APC
131832	107138	AW545681	TC162677	null
78004	83314	AW536519	TC173681	null
173731	187982	AW536573	TC188803	null
496662	434844	AW536619	TC201981	null
393405	313664	AW536686	TC161298	null
602384	540111	AW536530	TC160406	NF-IL6
326167	236714	AW536579	TC188676	null
51319	45152	AW536630	TC178886	null
678965	518371	AW536694	TC202108	null
10655	8265	AW543833	TC176395	null
0	0	AW543984	TC201675	null
0	0	AW544060	TC201176	null
0	0	AW544128	TC165800	null
0	0	AW543851	null	null
0	0	AW544004	TC201826	Ran-interacting protein MOG1
0	0	AW544081	TC159924	retinoblastoma-binding protein
0	0	AW544146	TC191689	null
47754	58987	AW545111	TC164195	null
0	0	AW545197	TC173485	null
0	0	AW545282	TC193233	null
0	0	AW545328	TC201501	null
0	0	AW545125	TC161019	small zinc finger-like protein
33027	35252	AW545225	TC157293	null
0	0	AW545297	TC159952	vacuolar adenosine triphosphat
327407	273709	AW545345	TC157685	mouse 57-KD Calcium-binding p
293133	252789	AW536322	TC186887	null
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				Mm.22201
				Mm.31087
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				Mm.1971
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0	0	AW536427	TC175460	null	Mm.18798
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0	0	AW536331	null	null	Mm.102500
0	0	AW536400	TC202345	null	Mm.34803
0	0	AW536440	null	null	null
0	0	AW536479	TC192785	mdkk-1	Mm.7960
46975	33971	AW544196	TC161521	null	Mm.21458
20689	20803	AW544264	TC199485	null	Mm.102745
2446888	2123313	AW544332	null	null	null
47814	66693	AW544382	TC201222	null	Mm.18739
267470	168085	AW544209	TC158494	cytochrome P-450 17-alpha-hydr	Mm.1262
109338	87364	AW544275	null	null	null
907929	1268745	AW544349	null	null	Mm.102747
242411	217782	AW544402	TC186895	null	Mm.24280
0	0	AW545388	TC176308	Rab23 protein	Mm.40644
55779	57482	AW545548	TC200436	null	Mm.29890
44195	54368	AW545609	TC174923	null	Mm.27489
369571	277737	AW545668	TC201696	null	Mm.17087
24237	27813	AW545410	TC203233	null	Mm.41050
34665	32675	AW545559	TC200539	null	Mm.38306
142497	103804	null	null	null	null
31702	27964	AW545683	TC164416	null	Mm.89753
152607	193784	AW536520	TC190783	null	Mm.19287
936394	477361	AW536574	TC187963	null	Mm.34511
100738	152133	AW536621	TC187073	null	Mm.15701
3433199	2242312	AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
95349	140864	AW536531	TC160484	null	Mm.29164
0	0	AW536580	null	null	Mm.104497
44633	32910	AW536637	TC159227	null	Mm.34582
977145	635638	AW536696	TC173104	null	Mm.63
30756	25136	AW543834	TC177093	null	Mm.103473
105260	93851	AW543985	TC161266	null	Mm.27987
63935	67961	AW544065	TC201909	null	Mm.28094
321357	404735	AW544130	TC173459	phenylalanyl tRNA synthetase b	Mm.28922
20231	11312	AW543941	TC203425	synaptogyrin 1b	Mm.10217
68975	68500	AW544006	null	null	Mm.102735
60660	47460	AW544082	TC201229	null	Mm.29591
66582	77293	AW544147	TC161018	null	Mm.38104
134197	117444	AW545118	TC187443	null	Mm.61682
71278	100385	AW545024	TC162887	null	Mm.23185
0	0	AW545284	TC203191	Sek-2	Mm.2581
1027824	1291867	AW545330	null	null	null
61753	84814	AW545126	TC187923	tryptophan--tRNA ligase	Mm.38433
0	0	AW545228	TC173671	null	Mm.29714
0	0	AW545298	TC201616	nucleotide-binding protein sho	Mm.36718
155996	203125	AW545346	TC200377	null	Mm.22661
47710	50609	AW536325	TC158445	null	Mm.26903
64015	69234	AW536381	TC175527	MGA protein	Mm.87532
115081	180038	AW536428	TC186779	null	Mm.22876
282071	246148	AW536468	TC161577	null	Mm.28972

39796	31251	AW536332	TC203090	null	Mm.27191
39939	68965	AW536403	TC187181	interleukin enhancer binding f	Mm.20935
78096	88302	AW536441	TC160561	null	Mm.21859
222526	246358	AW536480	TC189279	null	Mm.34870
82299	136911	AW544199	TC159009	tropomodulin 3	Mm.38445
42228	46252	AW544265	null	null	null
65800	82865	AW544333	TC202272	null	Mm.23685
0	0	AW544387	null	null	Mm.102748
0	0	AW544212	TC187375	peroxisomal acyl-CoA oxidase	Mm.8403
104182	93484	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
46699	58419	AW545552	TC206590	null	Mm.100341
63743	67514	AW545612	TC202865	null	Mm.36834
41985	43933	AW545672	TC164142	null	Mm.32245
19582	17542	AW545411	TC188821	mTim1	Mm.6458
81729	75750	AW545561	TC195921	null	null
0	0	null	null	null	null
0	0	AW545684	TC191346	null	Mm.25647
163337	161066	AW536521	null	null	Mm.11360
566640	364009	AW536575	TC187438	null	Mm.27923
504673	628624	AW536622	null	null	Mm.30093
2775150	2160344	AW536688	TC158905	polymorphic tumor rejection an	Mm.4526
608245	410830	AW536532	TC178028	null	Mm.30268
106207	93773	AW536585	TC162427	null	Mm.53963
317058	357520	AW536640	TC200400	nuclear protein np95	Mm.42196
188456	237266	AW536699	TC174069	receptor tyrosine kinase-relat	Mm.3860
88067	87158	AW537075	TC186822	null	Mm.17307
226244	180687	AW537130	TC185913	null	null
438268	363208	AW537199	TC202127	null	Mm.28537
46250	45264	AW537248	TC177864	null	Mm.31539
140654	125944	AW537086	TC161663	nuclear protein, NP220	Mm.4503
77632	69159	AW537152	null	null	null
615301	689373	AW537210	TC201354	11-zinc-finger transcription f	Mm.493
52139	43942	null	null	null	null
0	0	C76110	null	null	null
0	0	C76179	TC191692	null	Mm.5466
51106	56675	C76272	null	null	null
0	0	C76349	TC160691	SCG10-related protein HiAT3	Mm.2319
153926	108936	C76131	TC200356	makorin 1	Mm.7198
211152	160933	C76204	TC188312	four and a half LIM-domain pro	Mm.6799
859634	633676	C76282	TC158355	null	Mm.30043
55919	79569	C76390	TC174250	eIF-1A	Mm.24090
26818	23693	C77465	TC204292	null	Mm.27577
0	0	C77525	null	null	null
0	0	C77583	null	null	null
0	0	C77659	null	null	null
0	0	C77487	TC163116	null	Mm.21926
9748	12449	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
78052	74047	AW537354	TC193734	null	Mm.102523
162394	167231	null	null	null	null
152705	110546	AW537461	TC160922	null	Mm.43671
66469	72031	AW537308	TC201256	null	Mm.28202
174450	181469	AW537368	TC189032	acetylglucosaminyltransferase-	Mm.20872
318209	404613	AW537412	TC159594	L26	Mm.3229
921154	798795	AW537479	TC162856	null	Mm.10088
38685	33633	C76457	null	null	null
0	0	C76553	null	null	null
0	0	C76674	null	null	null
15431	15019	C76753	null	null	Mm.34930
23438	17556	C76471	null	null	Mm.24911
44239	35716	C76575	null	null	null
191973	128354	C76687	TC193875	null	Mm.5522
12983	13022	C76770	TC198946	null	Mm.24922
29996	24866	C77714	null	null	null
73235	76291	C77803	TC195386	null	null
26657	24291	C77893	null	null	null
19434	19631	C77973	null	null	null
0	0	C77741	null	null	null
0	0	C77819	TC172203	null	null
12108	6276	C77922	null	null	Mm.34935
53179	55047	C77997	TC187359	silencing mediator of retinoic	Mm.29412
124077	121388	AW537080	TC187266	SHYC	Mm.12912
164790	149039	AW537132	TC202369	ganglioside-induced differenti	Mm.22080
476132	326259	AW537201	TC201593	null	Mm.29529
48017	45208	AW537249	TC188852	null	Mm.27827
1310587	720060	AW537088	TC157699	null	Mm.35849
119104	124563	AW537155	TC187554	Pax transcription activation d	Mm.9558
16016	24920	AW537212	null	null	null
440102	378058	AW537256	TC157771	neural specific sr protein NSS	Mm.10229
6402	5403	C76116	null	null	null
31465	37984	C76182	TC201702	serine/threonine kinase	Mm.3794
32236	23731	C76273	null	null	null
0	0	C76361	null	null	Mm.21983
81076	62665	C76134	TC158562	null	Mm.22587
33728	23901	C76207	TC164368	null	Mm.21870
58536	39453	C76294	null	null	null
53351	44797	C76391	TC166480	null	Mm.38113
0	0	C77469	TC201518	null	Mm.27236
0	0	C77526	null	null	null
26078	22740	C77584	TC174481	null	Mm.5624
50311	54191	C77662	TC164364	null	Mm.5633
0	0	C77488	null	null	null
0	0	C77540	null	null	null
47692	32022	C77594	null	null	null
317167	282303	C77673	null	null	null
68438	58205	AW537292	TC160761	cleavage and polyadenylation s	Mm.716
1063234	843974	AW537357	TC159949	syntenin	Mm.14744

136087	89931	AW537405	TC173466	null	Mm.30017
1759512	1500618	AW537462	TC162355	null	Mm.100672
172491	138515	AW537310	TC173418	null	Mm.24455
244213	189665	AW537369	null	null	null
413256	510614	AW537412	TC159594	L26	Mm.3229
2299534	1221401	AW537480	TC159755	ATP synthase alpha subunit	Mm.4069
55610	35399	C76460	null	null	Mm.24909
64560	59544	C76555	TC212591	null	Mm.34929
43018	44432	C76678	TC158940	Sid6061p	Mm.25198
180264	141242	C76754	TC190585	null	Mm.100613
29315	23124	C76472	null	null	Mm.42516
79305	71065	C76577	TC163782	null	Mm.27446
90237	77730	C76692	TC198942	null	null
13480	10840	C76793	null	null	null
0	0	C77717	null	null	null
0	0	C77804	null	null	null
5559	5481	C77901	null	null	null
76401	56602	C77975	TC160751	null	Mm.22031
0	0	C77745	TC175556	null	Mm.6642
0	0	C77823	TC202865	null	Mm.21302
44207	41383	C77923	TC203601	null	Mm.3028
1029902	1004878	C78001	TC201766	null	Mm.74665
161687	178611	AW537081	TC175410	peroxisomal trans 2-enoyl CoA	Mm.29988
97998	117006	AW537134	TC202574	null	Mm.21905
191691	95851	AW537202	TC175747	dihydrofolate reductase	Mm.23695
288938	311531	AW537250	TC158970	null	Mm.25364
86391	56047	AW537091	null	null	Mm.298
298175	252763	AW537159	TC160986	null	Mm.34081
44168	35751	null	null	null	null
633419	504317	AW537257	TC201200	null	Mm.22710
81570	72669	C76118	TC200465	carboxy terminus of Hsp70-inte	Mm.29000
15887	12635	C76186	null	null	null
71147	62174	C76274	null	null	Mm.43510
1036979	719222	C76363	TC200126	p59 immunophilin	Mm.12758
42739	29593	C76136	null	null	null
462157	438602	C76213	null	null	Mm.43290
121388	97782	C76297	TC205688	null	Mm.27084
41460	34552	C76393	null	null	null
134978	145149	C77473	TC161692	null	Mm.23961
55966	55036	C77528	TC188278	glucose transporter	Mm.7241
22606	13261	C77586	null	null	null
27625	21824	C77664	null	null	null
0	0	C77490	null	null	null
111706	100305	C77542	TC190638	null	null
36249	27957	C77595	TC195013	null	Mm.33254
110085	88021	C77675	TC174739	null	Mm.21353
163710	116574	AW537295	null	null	Mm.1777
232262	247861	AW537358	TC159044	null	Mm.29303
98605	45945	AW537406	TC202195	null	Mm.2097
704641	582782	AW537468	null	null	null
0	0	AW537323	TC205268	null	Mm.103408

215593	244441	AW537371	TC187912	A+U-rich RNA-binding protein	Mm.22617
443947	266566	AW537419	null	null	Mm.103534
123568	89714	AW537485	TC176048	85 kDa calcium-independent pho	Mm.30787
100035	88765	C76462	TC203525	null	Mm.25345
0	0	C76556	null	null	null
29208	30478	C76680	null	null	null
118981	88671	C76755	null	null	Mm.27625
6559	4407	C76473	null	null	null
37886	33138	C76585	TC175686	null	null
41116	37624	C76698	null	null	null
0	0	C76795	TC203668	Ets-protein Spi-C	Mm.21642
13020	21275	C77727	TC179797	null	Mm.83611
0	0	C77805	null	null	null
127455	140192	C77904	TC189214	null	Mm.6617
158451	170530	C77976	TC175555	null	Mm.31730
25475	32615	C77746	TC177110	DNA-binding protein, GF-1	Mm.1344
138144	115082	C77827	TC161853	null	Mm.27703
68366	58454	C77933	TC201325	null	null
119949	122870	C78002	null	null	Mm.33206
823307	713871	AW537082	TC206515	null	null
641713	592093	AW537147	TC173219	null	Mm.29841
154480	128901	AW537205	null	null	Mm.6357
77017	78760	AW537253	TC162277	null	Mm.28289
901114	665125	AW537092	TC187700	null	Mm.28026
49992	36783	AW537167	TC202765	null	Mm.24735
162765	146035	AW537213	TC203116	null	Mm.23670
372353	335684	AW537258	TC176157	null	Mm.21897
23812	13440	C76121	TC206373	null	Mm.25583
0	0	C76199	null	null	null
45448	35751	C76276	null	null	null
11199	6407	C76381	TC198933	null	Mm.24907
0	0	C76143	null	null	null
1394818	1451177	C76214	TC160368	null	Mm.31114
466610	526328	C76301	TC176961	plasma-cell membrane protein	Mm.27254
60325	55156	C76397	TC174993	null	Mm.29183
0	0	C77477	null	null	null
0	0	C77533	null	null	null
166525	172338	C77589	TC187526	null	Mm.24327
21167	15293	C77665	TC203735	CDC25	Mm.16857
0	0	C77491	null	null	null
7433	6881	C77545	null	null	Mm.24957
57971	45624	C77600	TC175135	hypothetical protein	Mm.28542
5378	4280	C77677	TC172092	null	Mm.33972
155350	153864	AW537296	TC175274	null	Mm.10076
30754	25835	AW537360	null	null	Mm.103389
4712	4516	AW537408	TC206085	null	Mm.26022
59613	33874	AW537469	TC186656	null	Mm.29984
10079	10486	AW537326	TC157885	null	Mm.104109
96239	54036	AW537373	null	null	Mm.103467
1318268	973842	AW537420	TC157638	cathepsin B	Mm.22753
66233	59068	AW537490	TC178102	null	Mm.44732

24014	18137	C76464	TC162508	metal response element DNA-bin	Mm.10563
23307	24046	C76558	null	null	Mm.5507
43034	42245	C76683	TC167140	null	Mm.35801
0	0	C76757	null	null	null
9846	24163	C76481	TC203850	urokinase-type plasminogen act	Mm.1359
293966	231941	C76590	null	null	Mm.27295
1445511	1817873	C76703	TC201259	null	Mm.27288
30033	27952	C76797	null	null	null
22956	17238	C77734	null	null	null
16742	16394	C77806	null	null	null
41026	39613	C77905	null	null	null
87320	98356	C77977	null	null	Mm.88589
12850	15952	C77752	null	null	null
95199	89650	C77831	null	null	null
126091	112014	C77934	TC164370	null	Mm.5662
79259	56911	C78006	null	null	null
148568	153586	AW537083	TC202086	null	Mm.22417
611423	468606	AW537150	TC200182	null	Mm.1893
0	0	AW537207	TC200110	snapin	Mm.21534
262953	217908	AW537254	TC175311	alpha diacylglycerol kinase; a	Mm.19981
0	0	AW537096	TC160183	null	Mm.23750
0	0	AW537168	TC173536	actin-related protein 1 alpha-	Mm.3118
0	0	AW537215	TC187870	HNP36 protein	Mm.4930
0	0	AW537261	TC162768	traube	Mm.18994
0	0	C76123	TC167050	null	Mm.24905
52686	37100	C76201	null	null	null
0	0	C76277	TC162518	null	Mm.24891
0	0	C76383	TC205876	null	Mm.24836
123156	118537	C76146	TC212581	null	Mm.24895
165039	230068	C76216	null	null	null
0	0	C76305	TC200453	null	Mm.28622
75755	54362	C76402	TC203416	null	Mm.24616
0	0	C77480	null	null	Mm.10409
0	0	C77534	null	null	null
0	0	C77590	null	null	null
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0	0	C77492	null	null	null
0	0	C77550	null	null	null
0	0	C77603	null	null	null
0	0	C77683	null	null	null
77010	71603	AW537298	TC158977	A kinase anchor protein 95	Mm.25645
56886	42273	AW537364	TC165088	activin type IIB receptor	Mm.8940
13451	11519	AW537411	TC174746	null	Mm.27953
290489	251623	AW537470	TC201538	null	Mm.26773
78207	74956	AW537327	TC200399	null	Mm.41552
0	0	AW537378	null	null	null
0	0	AW537421	TC189201	null	Mm.44603
772926	654712	AW537491	null	null	null
48063	34181	C76465	null	null	Mm.24910
73233	66203	C76565	TC202440	null	Mm.27186
207533	200111	C76685	TC158911	ribophorin	Mm.22130

25652	23787	C76761	null	null	null
233503	228964	C76483	TC161397	null	Mm.30212
37666	29970	C76596	TC163490	null	Mm.27654
2038711	1852865	C76710	TC174518	galectin-4	Mm.17911
0	0	C76798	null	null	null
159704	99884	C77735	null	null	null
22511	16839	C77808	null	null	null
17373	17135	C77913	TC178491	growth factor	Mm.4213
365352	498277	C77982	TC160261	null	Mm.24158
0	0	C77756	null	null	Mm.24967
0	0	C77841	null	null	null
78779	70164	C77943	null	null	Mm.34934
296989	382805	C78009	TC200211	null	Mm.6932
1206665	1509032	AW537084	TC162161	DNA (cytosine-5)-methyltransfe	Mm.7814
365829	221734	AW537151	null	null	null
381579	313272	AW537209	TC176235	null	Mm.38993
409968	388687	AW537255	TC197652	null	Mm.102519
336308	397155	null	null	null	null
76311	132032	AW537169	TC161937	null	Mm.27851
45435	28353	AW537216	null	null	null
289360	245909	AW537264	null	null	Mm.102520
74209	63439	C76126	null	null	Mm.5457
148856	212376	C76202	null	null	Mm.24897
0	0	C76278	null	null	null
40607	27190	C76388	null	null	null
61734	54153	C76151	TC176385	null	Mm.6445
0	0	C76219	null	null	null
75297	67673	C76307	null	null	Mm.2992
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0	0	C77484	null	null	null
47379	32260	C77536	TC193809	null	Mm.69026
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46136	29058	C77494	null	null	null
0	0	C77554	null	null	Mm.5621
41338	21775	C77609	null	null	Mm.24959
0	0	C77684	null	null	null
656864	615252	AW537305	TC174779	null	Mm.35790
123192	205657	AW537365	TC158242	nucleoside diphosphate kinase	Mm.1260
0	0	AW537411	TC174746	null	Mm.27953
542971	399494	AW537471	null	null	null
1754514	1317803	AW537328	TC174355	glutaredoxin	Mm.29728
0	0	AW537379	TC157940	null	Mm.4086
51609	65549	AW537424	null	null	null
0	0	AW537496	TC176051	WD40 repeat protein	Mm.15694
129219	129942	C76468	TC174047	null	Mm.29432
161445	186765	C76566	TC202440	null	Mm.27186
0	0	C76686	TC213153	null	null
77234	126790	C76763	TC200682	null	Mm.28614
110838	99826	C76486	null	null	Mm.24389
53952	50665	C76601	null	null	Mm.31117

0	0	C76711	null	null	null
0	0	C76801	TC161316	null	Mm.12568
232884	170583	C77739	TC174282	null	Mm.21761
28682	26252	C77815	null	null	Mm.24971
151904	161513	C77914	TC173379	zinc finger protein ZNF216	Mm.2904
38196	48947	C77984	null	null	Mm.24977
0	0	C77757	TC167578	null	null
32991	20433	C77843	null	null	Mm.35709
29863	29006	C77945	null	null	null
559755	417612	C78013	TC175199	DXImx39e protein	Mm.29596
33189	25610	C78663	TC207546	null	null
18765	13618	C78728	null	null	null
0	0	C78802	null	null	null
17048	10028	C78858	null	null	Mm.25004
0	0	C78681	null	null	Mm.27125
0	0	C78750	null	null	Mm.43954
38584	28321	C78815	TC189230	null	Mm.29604
0	0	C78876	null	null	null
6979	9736	C79741	null	null	Mm.25056
66355	49837	C79821	TC161832	null	Mm.5918
0	0	C79905	null	null	null
0	0	C79996	null	null	null
0	0	C79755	TC176404	null	Mm.6407
59766	42102	C79839	TC173942	null	Mm.28483
20967	14465	C79922	null	null	null
0	0	C80005	null	null	null
96422	101443	C81130	TC188341	null	Mm.28232
36105	28202	C81211	TC161658	null	Mm.34901
0	0	C81302	TC182529	null	Mm.45953
0	0	C81385	null	null	null
8792	7913	C81147	TC189488	null	Mm.5937
0	0	C81235	null	null	null
195942	100719	C81324	TC160307	null	Mm.29051
0	0	C81414	TC162602	prostaglandin E synthase	Mm.28768
0	0	C78914	null	null	null
48547	36210	C78973	TC162609	null	Mm.21103
0	0	C79034	null	null	null
0	0	C79113	null	null	null
258345	225236	C78930	TC160481	SDF4	Mm.30149
195002	164603	C78989	TC203588	null	Mm.34366
31047	25594	C79050	TC174736	null	Mm.6519
509775	569437	C79131	null	null	Mm.2180
30709	27324	C80070	TC200228	B cell antigen receptor Ig bet	Mm.30235
0	0	C80140	TC179880	null	Mm.37566
12882	3951	C80197	null	null	Mm.34946
19020	13991	C80273	TC201097	null	Mm.28399
0	0	C80086	null	null	null
12070	11881	C80148	TC188668	null	Mm.42674
0	0	C80205	null	null	null
11008	4121	C80283	null	null	null
123593	118495	C81487	TC186716	3SG protein	Mm.25622

55072	48946	C81600	null	null	Mm.6062
9853	10708	C85098	null	null	null
20909	25886	C85178	TC176855	null	Mm.27381
0	0	C81514	TC159172	null	Mm.6047
0	0	C85045	null	null	null
14920	13624	C85187	null	null	Mm.36437
8958	5551	C78665	TC174094	null	Mm.28293
0	0	C78729	TC163505	null	Mm.46585
6231	7094	C78803	TC179150	null	Mm.34917
0	0	C78859	TC184997	null	Mm.5761
0	0	C78682	null	null	null
114130	85031	C78752	TC157645	casein kinase II beta subunit	Mm.26789
7647	11661	C78819	TC174921	null	Mm.27662
156677	126072	C78877	TC174325	mSUG1 protein	Mm.665
0	0	C79743	null	null	null
288664	238035	C79827	TC158918	UbcM4 protein	Mm.3074
0	0	C79907	null	null	null
0	0	C79997	null	null	null
321774	126718	C79756	TC204071	embryonic alkaline phosphatase	Mm.26096
13035	8436	C79845	null	null	null
294345	154674	C79925	TC200103	cytochrome c oxidase subunit V	Mm.360
18752	11111	C80008	TC164520	null	Mm.11746
20686	7974	C81217	null	null	Mm.25107
44654	41390	C81304	TC203748	null	Mm.45584
82277	56376	C81388	TC160147	monocarboxylate transporter 1	Mm.9086
39855	29044	C81148	null	null	Mm.25102
21039	12794	C81243	TC204333	null	Mm.24777
18414	21744	C81328	TC164402	null	Mm.27988
81175	65776	C81415	TC178108	null	Mm.6043
17575	18370	C78918	TC173628	beta-transducin repeat-contain	Mm.28734
0	0	C78974	TC201621	null	Mm.29247
77873	73040	C79036	null	null	Mm.25007
10820	7446	C79115	null	null	null
0	0	C78936	null	null	Mm.96671
55772	45112	C78991	TC160792	null	Mm.34912
49800	39516	C79051	TC158357	pelle-like protein kinase	Mm.38241
95624	79296	C79132	TC201118	null	Mm.28468
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0	0	C80154	null	null	null
74671	54613	C80210	TC173132	null	Mm.31138
30954	18178	C80285	TC190087	null	Mm.28458
6078	4635	C81495	null	null	Mm.104568
150154	116846	C81602	TC187863	glutathione synthetase type A1	Mm.7504
16946	13565	C85100	TC203824	Pig-b	Mm.9561
25150	31897	C85180	TC188729	null	Mm.25408
0	0	C81515	null	null	Mm.13351
0	0	C85048	null	null	null
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505981	461549	C85189	TC186580	null	Mm.5612
0	0	C78668	null	null	null
0	0	C78732	TC199139	null	Mm.24999
0	0	C78806	null	null	null
0	0	C78862	TC189908	proton-dependent high affinity	Mm.25005
58692	69869	C78684	null	null	null
284616	352807	C78755	null	null	Mm.102901
114028	110172	C78821	TC173978	ubiquitin carboxyl-terminal hy	Mm.4355
99483	94840	C78879	TC176704	null	Mm.23690
13832	9029	C79744	null	null	null
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166743	135619	C79999	null	null	null
22858	12739	C79764	TC180060	null	Mm.5874
17972	22416	C79846	TC188565	endo/exonuclease Mre11	Mm.25544
11865	9165	C79927	null	null	null
22380	15634	C80012	null	null	Mm.25058
47163	45562	C81219	TC190709	null	Mm.29740
62099	65698	C81307	TC201975	zuotin related factor	Mm.88678
57891	41165	C81402	null	null	Mm.31144
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93537	81257	C81417	TC189096	null	Mm.6536
33993	15133	C78920	TC202936	null	Mm.871
234936	194195	C78982	TC187273	clathrin adaptor protein mu3A	Mm.3256
12647	10465	C79038	null	null	Mm.34940
54637	53996	C79120	TC205827	null	Mm.33428
459138	607308	C78937	null	null	Mm.4358
22694	21075	C78996	null	null	null
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12123	12043	C79133	null	null	null
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0	0	C80199	null	null	null
12843	9536	C80278	null	null	null
7791	8769	C80095	TC174041	FKBP65 binding protein	Mm.3894
17277	6460	C80156	null	null	null
32334	25913	C80212	TC177374	null	Mm.28949
31407	12920	C80287	null	null	null
0	0	C81497	null	null	null
8266	7542	C81606	null	null	null
128325	105738	C85101	TC175686	null	Mm.28158
23986	30684	C85181	null	null	Mm.9571
15177	22863	C81520	null	null	null
17541	10976	C85051	null	null	null
87014	50902	C85116	TC177325	null	null
241000	243925	C85192	TC163258	LIN-7 homolog 3	Mm.9573
28090	24925	C78670	TC186599	null	Mm.29949
49572	40283	C78734	TC177409	null	Mm.21164
0	0	C78807	null	null	null



115642	100145	C78865	TC188726	nuclear receptor coactivator R	Mm.27592
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40200	30164	C78757	TC175680	null	Mm.29696
21412	17241	C78822	null	null	null
19000	13417	C78880	null	null	null
11853	11897	C79749	null	null	Mm.5873
0	0	C79832	TC199198	null	Mm.25051
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47959	39423	C80000	null	null	Mm.42673
83798	70852	C79766	TC187525	null	Mm.21964
38304	32709	C79851	TC162009	null	Mm.29393
25614	20816	C79931	TC174358	jumonji protein	Mm.25059
0	0	C80016	TC158141	null	Mm.21312
56730	46111	C81132	TC159423	protein 3	null
13414	16328	C81222	TC203711	null	Mm.25259
18373	12961	C81309	TC161873	GATA-3 factor	Mm.606
42740	44619	C81403	TC187606	CARD-like apoptotic protein	Mm.28782
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11372	10758	C81248	null	null	null
76965	71832	C81336	TC187720	RAB/Rip protein	Mm.6461
0	0	C81425	null	null	null
0	0	C78921	null	null	null
5647	5345	C78984	null	null	null
0	0	C79042	null	null	null
0	0	C79122	TC199137	null	Mm.5791
0	0	C78942	null	null	null
0	0	C78997	null	null	null
14851	9180	C79053	null	null	null
0	0	C79136	TC159868	necdin	Mm.7089
194242	149282	C80077	TC186693	null	Mm.6072
11781	7858	C80143	null	null	null
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12286	6591	C80279	null	null	null
25977	23193	C80097	null	null	null
297662	462747	C80159	TC173920	null	Mm.29847
0	0	C80229	null	null	null
39551	34870	C80290	TC201940	null	Mm.4206
38778	30800	C81503	null	null	null
0	0	C81608	null	null	Mm.90061
148284	128241	C85103	TC158412	Cdc25a	Mm.29800
38448	28041	C85182	TC187949	null	Mm.21440
14688	9845	C81521	null	null	Mm.13352
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65888	45849	C85120	TC176626	null	Mm.9909
42187	34476	C85193	TC201255	null	Mm.9860
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0	0	C78824	null	null	null
82110	65799	C78885	null	null	Mm.5763
0	0	C79750	null	null	Mm.15571
35419	40414	C79836	null	null	null
0	0	C79918	TC160210	lysyl oxidase-related protein	Mm.21880
66122	81170	C80001	TC194480	null	Mm.25071
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23410	19203	C79852	null	null	null
0	0	C79946	TC199267	null	null
18206	15484	C80018	null	null	Mm.13314
64961	49318	C81141	null	null	null
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0	0	C81174	TC188268	rab20	Mm.14712
0	0	C81254	TC187884	null	Mm.38521
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29070	30669	C81429	TC188500	null	Mm.6352
27246	10621	C78927	TC162111	null	Mm.27102
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21205	22621	C78943	null	null	Mm.27496
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22285	13044	C80202	null	null	null
67439	71482	C80280	TC200111	null	Mm.27453
29472	19009	C80098	null	null	Mm.963
0	0	C80161	null	null	null
99645	80921	C80232	null	null	null
56868	38186	C80294	TC162582	null	Mm.87229
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0	0	C81530	null	null	null
0	0	C85055	TC189409	MJAM	Mm.25368
74272	43883	C85125	TC163719	null	Mm.34339
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18517	13502	C78810	null	null	null
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299861	119144	C78825	TC200684	null	Mm.28015
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286035	313323	C80004	null	null	Mm.27484
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71757	88087	C80019	TC174358	jumonji protein	Mm.25059
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0	0	C81433	TC167667	null	null
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144628	106331	C78987	TC158954	mitogen-induced	Mm.6403
26673	38907	C79047	TC161420	protein-tyrosine-phosphatase	Mm.587
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196892	245546	C80147	TC200146	hepatoma derived growth factor	Mm.1141
23171	17651	C80204	null	null	null
92804	74897	C80282	TC157417	null	Mm.16923
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67349	72648	C80165	null	null	null
28161	14660	C80236	null	null	null
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52156	20922	C81510	TC199181	null	Mm.25115
130484	91119	C85044	TC164591	intestinal tyrosine kinase	Mm.4953
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0	0	C85129	null	null	Mm.25371
0	0	C85204	null	null	null
218446	139777	C85887	TC164206	B-cell activating factor	Mm.28835
27783	20892	C85966	TC202278	null	Mm.23386
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24787	18402	C86115	TC205731	null	Mm.28264
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30214	12622	C86063	TC187808	null	Mm.28241
0	0	C86141	null	null	Mm.12877
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122004	80621	C87178	TC187166	reading frame interferon beta-	Mm.168
9168	9645	C87258	TC186553	AMP activated protein kinase	Mm.6670
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32184	45102	C87372	TC202512	null	Mm.18425
493567	492780	AU021740	TC158358	null	Mm.29825
15243	14016	AU021809	TC192390	null	Mm.26279
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23359	19536	AU021832	null	null	null
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120150	77114	C86204	null	null	null
0	0	C86280	TC170237	null	Mm.9652
269088	334562	C86362	TC200442	GAPIII	Mm.18517
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122381	131920	C86225	TC161925	null	Mm.1279
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68812	125245	C86376	TC162121	null	Mm.18783
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8280	8043	C87432	null	null	Mm.43908
0	0	C87513	null	null	Mm.34993
47760	47814	C87578	TC178707	null	Mm.22833
0	0	C87647	TC201917	null	Mm.41769
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0	0	C87530	null	null	null
36510	30363	C87596	TC200469	microtubule-associated protein	Mm.12625
221555	242615	C87663	TC204341	BMP receptor	Mm.475
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9310	11314	C86064	TC177675	growth factor ARC	Mm.25405
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37696	39173	C87179	TC162074	null	Mm.24846
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10636	8046	C87286	null	null	null
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20193	13102	AU022123	null	null	Mm.43537
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6149	5968	AU022064	null	null	Mm.27700
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109503	62324	AU021884	null	null	Mm.26286
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30433	31082	AU021823	TC191199	null	Mm.22313
147087	150456	AU021886	null	null	Mm.29996
49333	44110	AU021967	TC201444	Nit protein 2	Mm.21473
16888	21305	AU021761	TC190682	null	Mm.22310
8388	8265	AU021836	null	null	Mm.26280
27202	16003	AU021906	null	null	null
17430	16831	AU021988	null	null	null
215101	181984	C86215	null	null	null
9015	10223	C86287	TC181196	null	null

26490	17929	C86371	null	null	Mm.25420
6478	3237	C86416	null	null	Mm.25423
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13138	13515	C86304	TC201899	null	Mm.13711
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31651	22998	C87653	null	null	Mm.89582
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25216	19575	C87678	null	null	null
48270	50185	AU022057	TC161295	null	Mm.31486
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38269	37852	AU022204	null	null	null
37357	35669	AU022261	TC158647	null	Mm.104593
0	0	AU022067	TC210569	null	Mm.26298
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0	0	C86003	null	null	Mm.22482
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0	0	C86153	TC164087	null	Mm.30031
0	0	C87113	TC165255	null	Mm.9723
0	0	C87191	TC162380	null	Mm.28629
16262	14090	C87276	TC202921	protein tyrosine phosphatase	Mm.4420
0	0	C87364	null	null	null
0	0	C87128	TC161148	MALA-2 protein	Mm.21441
51626	67447	C87211	null	null	Mm.88239
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0	0	C87389	TC165096	null	Mm.24107
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0	0	AU021842	TC200868	null	Mm.20491
0	0	AU021910	TC202013	null	Mm.28808
0	0	AU021990	TC174609	null	Mm.36449
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46788	37790	C86292	TC187047	null	Mm.20354
0	0	C86373	TC164104	null	Mm.9845
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0	0	C86319	TC185668	null	null
76998	73938	C86386	TC203475	null	Mm.80531
39357	33348	C86449	null	null	Mm.25426
0	0	C87444	null	null	null
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15235	26720	C87540	null	null	Mm.101919
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24687	15768	C87679	null	null	Mm.25505
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23200	22681	C87195	null	null	Mm.103731
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23925	16123	C87592	TC162616	null	Mm.27672
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23944	14516	C87459	TC162807	cAMP-specific cyclic nucleotid	Mm.9757
972467	636366	C87546	TC173568	Peutz-Jeghers syndrome kinase	Mm.29947
23663	21788	C87620	null	null	Mm.9773
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63046	49578	AU022062	null	null	null
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30958	26943	AU023057	null	null	Mm.1574
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306091	293529	AU024141	TC173049	null	Mm.14833
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0	0	AU018548	null	null	null
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17232	17819	AU024011	TC178085	null	Mm.11982
14769	13738	AU024086	null	null	Mm.12050
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67713	64165	AU024098	null	null	Mm.38720
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76742	63341	AU018647	TC186827	mitogen-activated protein kin	Mm.1700
417157	318090	AU018409	TC200349	Rho family GTPase RhoA	Mm.757
34602	25330	AU018486	TC159672	null	Mm.34009
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19438	12030	AU022791	null	null	null
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159384	119094	AU023782	null	null	null
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226026	167681	AU023752	null	null	null
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36496	16375	AU023854	TC163942	null	Mm.12019
88761	64613	AU023910	TC202435	null	Mm.5697
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19327	21243	AU018303	TC178532	null	Mm.36110
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104202	74004	AU023208	null	null	Mm.22322
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37074	36592	AU018652	null	null	null
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901699	450553	AU022792	TC203022	null	Mm.26540
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22517	13670	AU023753	null	null	Mm.12009
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46455	42094	AU021098	TC173685	null	Mm.27872
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31201	29436	AU019621	null	null	null
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0	0 AU021102	TC189094	null	Mm.26248
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41231	29095 AU021305	TC186943	null	Mm.43212
0	0 AU021018	null	null	null
0	0 AU021124	null	null	Mm.26249
32412	25922 AU021219	TC187102	tumor necrosis factor alpha co	Mm.27681
45720	49356 AU021341	TC201611	ADP-ribosylation factor-like p	Mm.12723
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0	0 AU015577	TC190949	null	Mm.39863
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41705	23927 AU021311	null	null	Mm.26258
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44563	40351	AU014584	TC161539	null	Mm.25548
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33395	19846	AU019542	null	null	Mm.36204
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63679	70497	AU019726	null	null	Mm.26180
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22633	26769	AU021009	TC175111	cleavage and polyadenylation s	Mm.28790
0	0	AU021109	TC160030	Sid470p	Mm.27065
25943	25558	AU021210	TC178622	bHLH protein MesP2	Mm.31472
0	0	AU021327	TC162556	null	Mm.38198
46421	32927	AU021027	TC207897	null	Mm.86496
11700	9624	AU021136	TC159221	null	Mm.35506
24092	28238	AU021234	TC190593	null	Mm.26257
31755	30392	AU021358	TC173572	centromere protein A	Mm.6579
0	0	AU015227	TC158478	null	Mm.35830
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13793	13492	AU015632	null	null	Mm.25925
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127656	106497	AU019822	TC188889	null	Mm.26506
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34809	41858	AU015309	null	null	Mm.25907
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31278	36697	AU015502	TC190163	null	Mm.89661
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0	0	AU020094	TC202993	null	Mm.21250
0	0	AU020195	TC200184	null	Mm.23744
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314893	179996	AU021456	null	null	Mm.4071
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0	0	AU021648	TC202681	protein tyrosine phosphatase e	Mm.945
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25235	21727	AU015727	null	null	Mm.11030
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231608	159208	AU040848	TC204551	null	Mm.70065
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76994	45763	AU016919	null	null	Mm.104594
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19546	20091	AU016784	null	null	Mm.9086
372083	201312	AU016852	TC200271	antizyme inhibitor	Mm.6775

47459	43177	AU016934	TC212658	null	Mm.83618
19970	12010	AU017015	null	null	null
16781	9015	AU017971	null	null	Mm.26081
14310	8533	AU018028	TC177754	cytosine-5-methyltransferase 3	Mm.13433
70110	72062	AU018094	TC190293	null	Mm.27042
319364	377649	AU018168	TC173613	null	Mm.27660
17910	10507	AU017986	TC190296	null	Mm.27574
46181	56400	AU018045	null	null	null
73435	63332	AU018122	TC202848	null	Mm.26089
0	0	AU018181	TC189895	null	Mm.25843
104090	67668	AU040927	null	null	Mm.17577
0	0	AU041012	null	null	null
238710	187937	AU041113	TC175908	null	Mm.13758
16992	13973	AU041183	null	null	null
43153	14450	AU040949	TC188337	null	Mm.28712
13114	10172	AU041033	null	null	null
0	0	null	null	null	null
0	0	AU016466	null	null	Mm.11125
34391	28357	AU016534	TC187320	null	Mm.29731
18244	13616	AU016610	TC202601	null	Mm.24738
0	0	AU016701	TC176691	null	Mm.35676
161412	132981	AU016480	null	null	Mm.265
62851	50744	AU016565	TC180825	null	null
41326	52736	AU016642	TC205134	null	Mm.22466
0	0	AU016721	null	null	Mm.12341
73921	77795	AU017753	TC203436	null	Mm.25725
189824	94742	AU017827	TC186951	null	Mm.21455
18143	10647	AU017906	null	null	null
0	0	AU017698	null	null	Mm.26061
26086	23584	AU017772	null	null	null
22557	15058	AU017847	TC205044	null	Mm.25866
38314	23995	AU017914	TC187403	null	Mm.100289
803412	445849	AU040642	TC173223	cytochrome c oxidase subunit I	Mm.2136
72936	67903	AU040736	null	null	Mm.37832
50185	42752	AU040788	TC201263	carbonyl reductase	Mm.21454
76803	50702	AU040850	TC191430	null	Mm.26809
45098	48989	AU040655	null	null	null
45578	25034	AU040751	TC190990	null	Mm.44076
193667	240164	AU040873	null	null	null
0	0	AU016768	TC163663	null	Mm.11171
62756	43675	AU016837	TC187246	null	Mm.35465
88760	70863	AU016921	TC189633	null	Mm.27457
22565	14617	AU017004	TC159678	cyclin ania-6a	Mm.10706
28813	26917	AU016790	TC158423	null	Mm.27194
0	0	AU016854	TC197066	null	Mm.40532
0	0	AU016938	null	null	Mm.26020
35626	37978	AU017017	TC174840	UCR-motif DNA binding protein	Mm.3868
18043	25214	AU017975	TC187623	intersectin-EH binding protein	Mm.10754
49631	52491	AU018029	TC163595	cbp146	Mm.23864
136547	92119	AU018104	TC205250	null	Mm.26088
12933	11255	AU018173	TC176248	null	Mm.23788

157383	112794	AU017987	TC160533	null	Mm.30166
11282	8240	AU018046	null	null	Mm.26085
0	0	AU018124	TC197196	null	Mm.26090
14018	15949	AU018183	TC158492	null	Mm.27536
0	0	AU040933	null	null	null
0	0	null	null	null	null
32591	25130	AU041120	TC178393	unnamed protein product	null
74868	51970	AU041188	TC175374	null	Mm.18550
20307	11560	AU040950	TC174077	null	Mm.17580
39500	26873	AU041035	null	null	null
15649	13642	AU041136	null	null	null
40246	46179	null	null	null	null
21689	13746	AU016467	null	null	Mm.11126
0	0	AU016538	null	null	null
37827	24694	AU016616	TC177818	null	Mm.21900
16902	14450	AU016705	TC179081	null	Mm.74653
169130	126499	AU016482	TC173510	translation initiation factor	Mm.3941
0	0	AU016566	TC180998	null	Mm.96601
38138	21117	AU016647	TC206136	null	Mm.25997
0	0	AU016722	null	null	null
321865	256154	AU017686	TC186408	unnamed protein product	Mm.97794
37303	28549	AU017756	null	null	Mm.88427
20213	10724	AU017834	null	null	Mm.11321
0	0	AU017908	TC177825	null	Mm.23114
34876	47476	AU017699	TC158395	null	Mm.28726
6197	8302	AU017777	null	null	null
7402	5857	AU017849	TC203684	null	Mm.26072
6235	6828	AU017917	null	null	Mm.26073
37209	35533	AU040643	TC174158	null	Mm.20246
1227488	1025470	AU040737	TC200237	X box binding protein-1; XBP-1	Mm.22718
14025	16523	null	null	null	null
95410	87910	AU040856	null	null	Mm.17572
32394	26577	AU040657	null	null	null
22707	24853	AU040753	null	null	Mm.17563
81496	68043	AU040813	TC160959	null	Mm.28899
25127	21670	AU040876	null	null	null
11432	11995	AU016770	TC189994	null	Mm.29654
5956	4018	AU016839	TC203804	null	Mm.26012
0	0	AU016926	TC210852	null	Mm.13504
20986	20102	AU017006	TC160598	bromodomain-containing FSH-lik	Mm.28721
0	0	AU016791	null	null	null
16923	20779	AU016859	null	null	Mm.42524
0	0	AU016940	null	null	null
9719	7795	AU017018	null	null	null
319954	236286	AU017980	TC174645	p58	Mm.12616
29452	31722	AU018035	null	null	null
144694	287975	AU018106	null	null	null
546956	257391	AU018175	TC173952	null	Mm.12983
19742	24929	AU017990	TC171333	null	Mm.26083
36089	37517	AU018047	null	null	Mm.26086
430390	681674	AU018130	TC200595	null	Mm.30119

69594	61289	AU018185	TC201220	null	Mm.29588
26183	22951	AU040942	TC206915	null	Mm.31582
71676	61155	AU041018	null	null	null
65079	55591	AU041124	null	null	null
25168	32984	AU041190	TC200959	red-1	Mm.27915
32021	12120	AU040952	TC170284	null	null
54066	53400	AU041042	TC188912	null	Mm.38495
2744032	1432777	AU041137	TC174199	null	Mm.27747
344749	529902	AU041202	TC160420	contains transmembrane (TM) re	Mm.29870
0	0	AU016470	TC176849	null	Mm.26897
23641	19793	AU016539	null	null	null
0	0	AU016617	TC187170	null	Mm.28336
0	0	AU016711	TC188567	null	Mm.24125
19537	14865	AU016483	TC161445	ATP-binding cassette protein	Mm.21629
27280	19326	AU016568	null	null	null
0	0	AU016649	null	null	null
39602	33821	AU016724	null	null	Mm.56803
0	0	AU017688	TC177354	null	Mm.29384
0	0	AU017758	null	null	null
0	0	AU017835	TC187977	null	Mm.24575
0	0	AU017909	TC177865	null	Mm.12522
16188	16601	AU017705	TC186458	null	Mm.30175
0	0	AU017779	TC201836	null	Mm.25118
0	0	AU017850	null	null	null
0	0	AU017918	null	null	Mm.86367
0	0	AU040647	TC176697	null	Mm.23352
0	0	AU040801	TC187383	rer	Mm.30234
0	0	AU040858	null	null	null
53383	48650	AU040660	null	null	Mm.17557
0	0	AU040756	TC176289	null	Mm.28497
0	0	AU040816	TC203296	null	Mm.41439
0	0	AU040881	TC190672	null	Mm.17573
0	0	AU016773	TC208614	null	Mm.26003
83176	68738	AU016841	TC186615	glycosyl-phosphatidyl-inositol	Mm.1098
0	0	AU016929	null	null	Mm.100153
10877	10401	AU017011	null	null	null
0	0	AU016799	null	null	null
88208	47083	AU016860	TC203112	null	Mm.26935
13796	19277	AU016942	null	null	null
63087	70349	AU017028	TC161108	null	Mm.29748
23985	14014	AU017982	null	null	Mm.26082
48029	34120	AU018037	TC197197	null	Mm.26084
30633	23928	AU018113	null	null	null
33994	13799	AU018177	null	null	null
0	0	AU017992	TC175213	null	Mm.3110
31831	30094	AU018049	TC194949	null	Mm.16974
101553	82811	AU018131	TC162632	null	Mm.34360
379070	260998	AU018187	TC174065	unknown	Mm.23943
19521	11059	AU040943	TC187791	null	Mm.17579
14051	10928	AU041025	null	null	null
31169	31689	AU041125	null	null	Mm.17617



109301	138395	AU041192	TC159878	Id2 protein	Mm.1466
0	0	AU040953	TC208960	null	null
58976	55578	AU041048	TC161588	null	Mm.2830
172717	232637	AU041141	TC186634	null	Mm.40849
16308	14676	AU041204	TC175663	Ser/Thr kinase KKIAMRE-delta	Mm.18133
0	0	AU016471	null	null	null
0	0	AU016557	null	null	null
0	0	AU016621	TC191123	null	Mm.40259
0	0	AU016716	null	null	null
0	0	AU016487	TC200398	UBE-1c2	Mm.42795
44451	34759	AU016573	TC202183	SAP102	Mm.4615
14375	15877	AU016650	TC175207	null	Mm.69051
56276	41832	AU016725	TC160924	zinc transporter like 1	Mm.28851
29656	17268	AU017691	null	null	Mm.31441
108838	116015	AU017760	null	null	null
131831	125353	AU017839	TC203645	null	Mm.22102
36465	22168	AU017910	null	null	Mm.13803
525891	493065	AU017706	null	null	null
344077	480793	AU017781	TC160263	null	Mm.21126
0	0	AU017855	null	null	null
0	0	AU017922	null	null	null
30242	32006	AU040648	null	null	Mm.3010
1289900	849865	AU040743	TC173290	TSC-22	Mm.20927
750319	1422941	AU040803	TC189107	calcium binding protein D-9k;	Mm.6891
0	0	AU040861	null	null	null
38027	29372	AU040661	null	null	null
142549	178661	AU040757	TC186742	intracellular chloride channel	Mm.22409
30071	24113	AU040818	TC199646	null	Mm.38687
0	0	AU040885	null	null	null
61544	65284	AU016777	TC161666	NADPH-cytochrome P450 oxidored	Mm.3863
0	0	AU016846	TC176332	granuphilin-b	Mm.38674
57519	47160	AU016931	TC203345	null	Mm.26019
0	0	AU017012	TC172588	null	null
0	0	AU016805	TC162045	NG29	Mm.11175
0	0	AU016864	TC189872	null	Mm.44088
35159	42912	AU016947	null	null	Mm.4480
0	0	AU017030	TC200874	laminin B2 (AA 1-217)	Mm.1249
84595	85618	AU017983	TC191413	null	Mm.33148
0	0	AU018039	null	null	Mm.11342
89365	77154	AU018114	null	null	Mm.35906
0	0	AU018179	null	null	Mm.43884
0	0	AU017994	null	null	null
99137	79554	AU018050	TC178046	null	Mm.25018
34065	27708	AU018133	TC190080	null	Mm.26092
45607	47471	AU018188	null	null	null
27269	20972	AU040946	null	null	Mm.11742
29557	24310	AU041027	TC190010	null	Mm.17551
47351	73838	AU041129	TC191661	null	Mm.36461
0	0	AU041194	TC210785	null	Mm.44924
24740	26621	AU040955	TC174097	null	Mm.30239
33127	21845	AU041054	TC191198	null	Mm.22107

159722	157308	AU041152	TC161415	null	Mm.27711
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216284	167067	AU043785	TC187412	null	Mm.28142
35775	27581	AU043910	TC210433	null	Mm.17838
24619	24388	AU044007	TC157767	null	Mm.24729
30573	19301	AU043825	TC159024	null	Mm.28674
0	0	AU043924	null	null	null
28760	28873	AU044024	TC159682	tight junction protein ZO-2	Mm.104283
11078	8822	AU044114	TC164464	null	Mm.28129
53267	43753	AU045525	TC163918	null	Mm.17858
18824	15264	AU045672	TC166929	null	Mm.17865
102239	113385	AU045797	TC174844	null	Mm.4907
34221	20553	AU045930	TC177058	null	Mm.29197
1019218	539375	AU045568	TC161475	null	Mm.28211
40352	29168	AU045697	null	null	null
36354	29819	AU045843	TC205924	null	Mm.18073
160543	143389	AU045944	TC201475	null	Mm.17811
43156	35104	AU042156	TC175739	null	Mm.17156
0	0	AU042241	null	null	Mm.17648
0	0	AU042331	null	null	Mm.17653
59206	50306	AU042408	TC160598	bromodomain-containing FSH-lik	Mm.28721
0	0	AU042185	TC177980	null	Mm.32900
39688	48419	AU042259	null	null	Mm.17650
54176	38325	AU042347	TC163868	null	Mm.28942
6764	7038	AU042435	null	null	null
101526	97608	AU044228	null	null	Mm.17784
560046	518197	AU044337	null	null	Mm.20847
332153	261800	AU044431	TC160851	potassium channel modulatory f	Mm.37968
45571	27992	AU044571	null	null	null
110791	93979	AU044268	TC161327	phosphatidylserine synthase-1	Mm.9440
22816	19981	AU044362	null	null	null
75958	49310	AU044455	TC165162	ooplasm specific protein	Mm.11741
212147	182884	AU044591	TC163735	protein tyrosine phosphatase	Mm.14844
51634	48837	AU046024	TC162232	null	Mm.19003
18362	13690	AU046183	null	null	null
225406	211607	AU041373	TC160556	null	Mm.18810
36200	27188	AU041460	TC211222	null	null
60686	38234	AU046071	TC204168	null	Mm.26648
75047	51147	AU046213	TC188130	null	Mm.29138
42009	35566	AU041403	TC176607	null	Mm.36417
24701	22446	AU041482	TC160766	null	Mm.27737
74676	53230	AU042495	null	null	Mm.17669
91340	69327	AU042565	TC162921	EHM2	Mm.28217
20056	14207	AU042662	null	null	null
24169	23056	AU042755	TC187371	null	Mm.27152
14912	8650	AU042516	TC210803	Brachyury the second	Mm.12880
13767	11700	AU042595	TC161076	null	Mm.27964
0	0	AU042680	TC163566	N-glycan alpha 2,8-sialyltrans	Mm.4954
10880	9799	AU042794	null	null	null
9547	7799	AU043787	TC202102	null	Mm.29342
14248	12972	AU043911	TC186812	null	Mm.6476

0	0	AU044012	null	null	Mm.26868
0	0	AU044086	null	null	Mm.17776
49619	35490	AU043829	TC201572	L23 mitochondrial-related prot	Mm.12144
8364	3546	AU043928	null	null	Mm.17768
15614	15480	AU044028	TC177938	null	Mm.17773
422766	280769	AU045526	TC160639	null	Mm.41297
12121	12647	AU045678	TC163124	null	Mm.19090
180017	151335	AU045824	TC189466	null	Mm.17873
75836	72250	AU045931	TC175735	null	Mm.18496
29827	20147	AU045570	TC208417	null	Mm.17861
181137	136697	AU045698	null	null	Mm.28489
118388	116359	AU045845	TC158244	14-3-3 theta protein	Mm.14722
28616	16434	AU045953	null	null	null
128850	87868	AU042162	TC176585	high affinity IgE receptor gam	Mm.22673
61330	71019	AU042249	null	null	Mm.4871
27829	20764	AU042336	null	null	null
44946	32825	AU042410	null	null	Mm.17662
133451	85781	AU042200	TC190729	null	Mm.18534
40263	347771	AU042260	TC162895	complement factor I	Mm.4322
72715	71103	AU042348	TC195595	null	null
52802	156633	null	null	null	null
35728	25367	AU044237	null	null	Mm.17785
123484	92767	AU044339	null	null	Mm.17790
1168149	875816	AU044440	TC157623	protein phosphatase 2A B'alpha	Mm.18100
789230	917433	AU044574	TC200021	null	Mm.43749
34873	29063	AU044271	TC190446	null	Mm.18549
93749	54902	AU044364	TC190491	ZP3 precursor	Mm.1381
53007	36511	AU044458	null	null	Mm.26872
29812	19623	AU044592	TC186947	null	Mm.22653
46387	32586	AU046028	TC159131	null	Mm.21129
0	0	AU046184	TC163691	null	Mm.27980
23160	11268	AU041374	null	null	null
86245	101608	AU041461	TC200162	null	Mm.23
0	0	AU046079	null	null	null
29184	23238	AU046228	TC174378	null	Mm.35618
74454	69130	AU041405	null	null	Mm.104642
10056	10758	AU041483	TC176242	null	Mm.17807
15984	13208	AU042498	TC160200	GDNF receptor beta	Mm.18758
0	0	AU042578	null	null	null
19910	17054	AU042665	TC203240	null	Mm.492
140258	111111	AU042767	TC200267	V-1 protein	Mm.4143
15748	23856	AU042518	null	null	Mm.18603
84790	190359	AU042596	TC202452	null	Mm.18254
100839	165114	AU042681	TC160410	serum and glucocorticoid-regul	Mm.28405
316620	255457	AU042799	TC200310	histone H1(0) (AA 1 - 194)	Mm.24350
0	0	AU043798	TC173937	null	Mm.28010
7079	4589	AU043915	TC201005	null	Mm.18485
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15452	17667	AU045680	TC202782	null	Mm.5915
27203	32008	AU045826	null	null	Mm.104621
46864	35015	AU045932	null	null	Mm.17879
26319	20365	AU045582	null	null	null
189478	176069	AU045704	TC187743	null	Mm.27223
158656	128899	AU045850	TC160511	null	Mm.27649
73391	45119	AU045956	TC174606	BMAL1b	Mm.12177
49493	37063	AU042163	null	null	null
37540	31470	null	null	null	null
62651	34851	AU042338	TC161241	H2-M alpha chain	Mm.16373
93265	70127	AU042414	null	null	null
16854	13325	AU042201	null	null	null
121480	88090	AU042273	TC200916	null	Mm.28794
23799	18253	AU042349	null	null	null
117195	60904	AU042440	TC161548	null	Mm.28040
86715	79912	AU044244	TC178523	null	Mm.25938
191893	144068	AU044341	TC163466	null	Mm.7836
104121	88181	AU044443	TC188961	null	Mm.21344
72134	54648	AU044576	null	null	null
646670	460850	AU044272	null	null	Mm.88572
66173	59696	AU044365	null	null	null
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51997	39343	AU046189	TC202903	null	Mm.23921
97496	324268	AU041376	TC158807	insulin-like growth factor bin	Mm.22248
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42478	35534	AU046250	null	null	Mm.17895
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22122	14570	AU041484	TC188484	null	Mm.1182
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14636	11170	AU042579	TC181404	null	Mm.26840
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153469	110806	AU042772	TC187479	null	Mm.18539
18743	10173	AU042519	TC190529	null	Mm.47539
259293	184158	AU042599	TC175793	null	Mm.21072
31159	22839	AU042685	TC190653	null	Mm.17993
29235	17314	AU042801	null	null	Mm.17692
25815	33522	AU043814	null	null	Mm.17758
0	0	AU043916	TC164064	null	Mm.17766
56663	55917	AU044014	TC163543	null	Mm.28431
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43495	25177	AU043833	null	null	Mm.26866
116309	92513	AU043933	null	null	Mm.5289
596259	383554	AU044032	TC157787	lysophospholipase I	Mm.90115
62650	59204	AU044156	TC181556	null	null
230210	131734	AU045541	null	null	null

52824	35574	AU045688	TC191762	natural killer cell BY55 precu	Mm.11526
55461	58289	AU045830	null	null	Mm.26896
60075	59111	AU045934	TC202883	NIK	Mm.987
46653	24492	AU045585	TC160338	null	Mm.26925
22991	22057	AU045715	TC161043	LIM kinase 2	Mm.42927
29699	27519	AU045852	TC202219	null	Mm.19135
9805	13031	AU045965	TC174063	null	Mm.29379
633689	620863	AU042168	null	null	Mm.1574
7594	5537	AU042250	null	null	null
15237	8816	AU042340	TC206126	null	Mm.88314
376398	210716	AU042417	TC202186	null	Mm.28131
0	0	AU042204	null	null	null
14017	7510	AU042278	null	null	null
7666	7199	AU042350	TC177372	surfactant protein D	Mm.1321
728159	629862	AU042441	TC160014	hepatocyte growth factor activ	Mm.26835
102080	122325	AU044245	TC200592	null	Mm.3856
255195	292157	AU044347	TC202207	intestinal-enriched Kruppel-li	Mm.30262
146673	138734	AU044447	null	null	null
1577806	1410820	AU044579	TC186557	null	Mm.29057
35720	28626	AU044274	null	null	null
106703	82978	AU044371	TC181778	null	Mm.31603
289062	217734	AU044479	TC190194	HS1 binding protein 3	Mm.41098
391604	294395	AU044598	TC162118	golgin-245	Mm.10409
33409	29604	AU046047	null	null	Mm.17883
33290	31637	AU046196	TC201544	null	Mm.37397
44046	31100	AU041379	TC157800	TIM22 preprotein translocase	Mm.18803
172060	98934	AU041468	TC204160	null	Mm.9772
48742	39361	AU046087	null	null	Mm.17886
58450	55662	AU046252	null	null	Mm.35835
45789	37091	AU041408	null	null	null
189890	179223	AU041488	TC174165	null	Mm.10285
406168	390195	AU042507	null	null	Mm.24232
69321	58461	AU042581	null	null	Mm.26839
143438	116108	AU042671	TC174462	null	Mm.28290
213545	141520	AU042774	TC175360	syntaxin 13-interacting protei	Mm.26603
16800	13380	AU042522	TC206603	null	Mm.25970
20231	19633	AU042601	null	null	Mm.17674
51156	45625	AU042686	null	null	null
162333	149416	AU042804	null	null	null
0	0	AU043820	TC187742	null	Mm.26700
0	0	AU043920	TC178937	null	null
39497	39656	AU044017	TC174371	type IIb Na/phosphate-cotransp	Mm.3786
102806	86488	AU044106	TC200350	mDj3	Mm.29186
0	0	AU043837	TC157675	spindlin	Mm.42193
0	0	AU043934	TC190539	null	Mm.24760
0	0	AU044035	TC200692	null	Mm.22021
58205	70150	AU044162	TC158296	null	Mm.16820
0	0	AU045552	TC174672	AM2 receptor	Mm.7221
12334	14978	AU045691	TC160988	null	Mm.26893
53200	46537	AU045828	TC175149	null	Mm.18659
0	0	AU045935	TC175752	null	Mm.29142

0	0	AU045587	TC175511	null	Mm.35986
39238	53634	AU045717	TC185770	null	Mm.35770
0	0	AU045858	TC188326	null	Mm.27142
0	0	AU045966	null	null	null
0	0	AU042170	TC159754	heat stable antigen	Mm.6417
0	0	AU042254	null	null	null
44242	45667	AU042345	TC176226	null	Mm.40008
0	0	AU042426	null	null	null
61071	52441	AU042205	null	null	null
0	0	AU042281	TC158585	TAFI48 protein	Mm.39081
0	0	AU042353	TC174985	null	Mm.26833
0	0	AU042442	TC173936	heme oxygenase-2b	Mm.710
102982	91018	AU044255	TC162309	ENP	Mm.27485
63450	56288	AU044357	TC179016	null	null
442090	443591	AU044451	null	null	Mm.22660
89789	78474	AU044581	TC181190	null	Mm.17803
451685	448925	AU044281	TC160907	null	Mm.22252
34573	36079	AU044374	null	null	null
927681	848030	AU044483	null	null	Mm.17797
157151	179669	AU044600	null	null	null
47358	31427	AU046055	null	null	Mm.88606
39508	37971	AU046197	TC162546	null	Mm.28050
16265	12272	AU041386	TC166767	null	null
53130	41140	AU041474	TC207100	null	Mm.17644
397990	238108	AU046091	TC162279	null	Mm.27673
86652	86670	AU046259	TC186855	homolog of human SYT	Mm.4296
45342	46042	AU041413	TC203165	null	Mm.40601
50588	44934	null	null	null	null
30470	23894	AU042508	null	null	Mm.36597
172580	162661	AU042584	TC160647	null	Mm.10160
0	0	AU042676	null	null	null
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18677	16046	AU042524	null	null	null
457908	289379	AU042607	TC191546	null	Mm.17675
14439	19650	AU042689	null	null	null
10892	9460	AU042805	TC163820	null	Mm.19009
14211	21133	AU043824	null	null	Mm.31600
64226	50688	AU043921	null	null	null
292993	270555	AU044022	TC200768	hypothetical protein	Mm.43017
30912	29207	AU044112	TC188352	null	Mm.23819
54839	54863	AU043840	TC159010	probable nocturnin protein	Mm.42187
43608	29638	AU043936	null	null	null
69218	60767	AU044036	TC202670	null	Mm.28807
35846	20286	AU044169	null	null	Mm.103854
20592	18144	AU045554	null	null	null
19981	21858	AU045692	null	null	Mm.42538
47675	82106	AU045838	TC202926	null	Mm.17875
33691	24896	AU045939	TC178162	null	Mm.20593
120740	102881	AU045593	TC187618	F-box protein FBA	Mm.18616
709845	657019	AU045725	TC190384	null	Mm.24413
96925	111902	AU045859	TC200644	null	Mm.27339

35121	30778	AU045967	null	null	null
114259	70315	AU042183	null	null	null
40080	34535	AU042257	null	null	null
57894	56729	AU042346	TC188187	null	Mm.18819
183283	204672	null	null	null	null
0	0	AU042206	TC201585	neurochondrin-2	Mm.43445
18886	21722	AU042283	null	null	null
41494	45237	AU042357	TC193155	null	Mm.26844
64434	69644	AU042444	null	null	Mm.103847
194478	200928	AU044263	TC187618	F-box protein FBA	Mm.18616
398963	271518	AU044361	TC175142	null	Mm.28056
230725	181086	AU044452	TC159856	nitrilase 1	Mm.12915
1002256	867071	AU044586	TC202366	poliovirus receptor homolog	Mm.4341
144849	113004	AU044285	TC188441	null	Mm.17796
819013	586003	AU044379	TC173114	ARL-6 interacting protein-1	Mm.29924
438528	399077	AU044498	TC157686	BAP37	Mm.36241
44811	39749	AU044605	null	null	Mm.17805
304399	360101	AU046061	TC201367	null	Mm.423
79505	81395	AU046200	TC202731	null	Mm.28859
326718	376364	AU041400	TC160554	null	Mm.25366
20276	22376	AU041478	TC179272	null	Mm.74693
0	0	AU046108	TC190839	null	Mm.17217
34222	19744	AU046266	null	null	Mm.17896
39722	38442	AU041415	TC174997	homologue oh human CBFA2T1 gen	Mm.4909
197336	176405	AU041504	TC188659	null	Mm.28651
626665	398104	AU042511	TC187533	purine nucleoside phosphorylas	Mm.17932
0	0	AU042586	TC167327	null	Mm.17673
20692	8750	AU042679	TC177560	null	Mm.19051
62710	54219	AU042788	null	null	Mm.24635
0	0	AU042525	TC203121	null	Mm.36911
20998	25726	AU042617	TC163525	Prostate specific transcriptio	Mm.26768
48686	43072	AU042690	null	null	null
111639	67394	AU042806	null	null	null
89549	72656	AW546245	null	null	null
128651	563920	AW546331	TC177606	L-glutamate decarboxylase	Mm.3536
55607	51667	AW546409	TC173198	null	Mm.21803
185918	186492	AW546486	TC161624	null	Mm.27500
5690	10671	AW546268	null	null	null
39915	34362	AW546352	TC159038	null	Mm.25665
106356	88771	AW546427	TC161635	null	Mm.100626
40875	27628	AW546508	TC203909	null	Mm.22370
44448	39104	AW547599	TC176530	null	Mm.86663
161520	130770	AW547688	TC197704	null	Mm.102840
438339	356963	null	null	null	null
42613	39976	null	null	null	null
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6599	3931	AW547992	TC207826	null	Mm.45599
50880	102773	AW549131	null	null	null
167939	157268	AW549237	TC191177	null	Mm.44157
77857	51025	AW549349	TC201182	ral-A	Mm.27348

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0	0	AW546565	TC174434	null	Mm.41562
13139	9261	AW546667	TC176905	null	Mm.68230
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238458	218814	AW546839	TC201848	null	Mm.21163
50086	37378	AW546598	TC157922	null	Mm.34602
74191	72032	AW546694	TC160615	bmi-1	Mm.7719
68950	41536	AW546789	TC174607	null	Mm.31526
64005	49430	AW548055	null	null	null
82536	40206	AW548139	TC186393	homologue of S70447 F1Fo-ATP s	Mm.1674
0	0	null	null	null	null
58671	290281	AW548342	null	null	Mm.2329
0	0	AW548069	TC173495	selenoprotein W	Mm.42829
436262	314896	AW548173	null	null	null
1125681	637098	AW548258	TC201819	prolyl 4-hydroxylase alpha(I)-	Mm.2212
135906	152204	AW548354	TC200020	elongation factor 1-beta homol	Mm.2718
54095	56459	AW549549	TC157419	null	null
155388	117840	AW549671	TC175218	null	Mm.34678
63751	45472	AW549739	TC160246	null	Mm.21145
1516804	667605	AW549855	null	null	Mm.1779
59719	48075	AW549586	null	null	null
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27865	26374	AW549773	null	null	Mm.102899
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36332	134185	AW546412	null	null	null
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0	0	AW546271	null	null	null
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205635	173149	AW546432	TC201562	COP9 complex subunit 6	Mm.3981
750510	377962	AW546509	TC157836	null	Mm.90378
14276	12869	AW547603	TC176938	null	Mm.87389
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69412	101794	AW547850	TC173422	protocadherin 2C	Mm.28785
917584	619450	AW547971	TC205502	null	Mm.27981
40595	45574	AW547618	null	null	Mm.38333
890727	689536	AW547791	null	null	Mm.86712
528278	544137	AW547875	TC160182	null	Mm.22467
63554	57375	AW547994	TC202718	FLASH	Mm.22279
43164	35251	AW549132	TC190930	null	Mm.35321
448101	534190	AW549240	TC186751	TGF-beta-inducible protein	Mm.22763
488687	434026	AW549360	TC173371	HRS	Mm.43331
54724	36925	AW549445	TC173463	null	Mm.21819
26961	17433	AW549153	TC175204	null	Mm.7778
331528	309253	AW549267	TC190005	null	Mm.34492
0	0	AW549381	TC173207	guanine nucleotide dissociatio	Mm.5236



3014118	2189166	AW549478	null	null	null
39780	26891	AW546571	TC161504	null	Mm.40013
2274195	1169288	AW546672	TC186809	null	Mm.27606
64444	66609	AW546749	TC188768	36 kD protein	Mm.18347
278266	232752	AW546840	TC175054	null	Mm.78312
188516	204194	AW546603	null	null	null
28577	22181	AW546695	TC160113	MGP precursor	Mm.2017
1276734	961041	AW546793	TC159654	gamma-actin	Mm.29913
0	0	AW548061	TC187664	null	Mm.25126
0	0	AW548149	null	null	Mm.102855
45692	49489	AW548242	null	null	Mm.1653
18028	17440	AW548343	TC188874	tyrosine phosphatase	Mm.3414
29326	32988	AW548072	TC174698	null	Mm.11075
10515	6203	AW548182	null	null	null
674589	767178	AW548260	TC188550	null	Mm.22315
134141	294902	AW548357	TC159085	viral envelope like protein	Mm.22506
0	0	AW549550	TC193414	null	Mm.102895
174860	178374	AW549672	TC191238	mszf39	Mm.14812
130396	115146	AW549747	TC201477	null	Mm.87638
11718	12093	AW549857	null	null	Mm.102902
13051	13842	AW549587	TC174945	null	Mm.22504
380496	418529	AW549687	null	null	Mm.16820
52540	52474	null	null	null	null
313980	484118	AW549867	null	null	null
45722	22704	AW546248	TC161467	null	Mm.38211
363102	240571	AW546341	TC173584	Impact	Mm.8154
626877	409001	AW546413	TC188456	map kinase interacting kinase	Mm.6797
226114	251044	AW546488	TC187132	null	Mm.30145
251222	281043	AW546272	TC200874	laminin B2 (AA 1-217)	Mm.1249
331347	249039	AW546356	null	null	null
65230	50475	AW546433	TC177128	null	Mm.36513
9243	6302	AW546510	null	null	null
78640	62676	AW547604	TC201596	null	Mm.17523
153182	116240	AW547701	TC174579	null	Mm.20156
1211823	1256905	AW547861	TC200170	cellular nucleic acid binding	Mm.7335
2876700	1712495	AW547976	TC179893	null	Mm.37872
1112822	1145964	null	null	null	null
1299570	1817831	AW547797	TC187124	null	Mm.22369
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85578	108577	AW547996	TC174601	null	Mm.23783
116915	96446	AW549138	null	null	null
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850778	610165	AW549363	TC157353	null	Mm.35296
110968	98380	AW551583	TC175276	null	Mm.23543
38510	31557	null	null	null	null
67559	67925	AW549269	TC166726	null	Mm.35240
47910	47876	AW549388	TC164636	null	Mm.87637
58896	58941	AW549480	TC188828	proteoglycan PG-M(V3)	Mm.4575
127837	112274	AW546675	null	null	null
19378	17030	AW546752	null	null	null
293446	178989	AW546604	TC186778	null	Mm.28853

936513	495544	AW546696	TC190408	null	Mm.31826
0	0	null	null	null	null
16278	18765	AW548068	TC159533	y2-globin	Mm.35830
120423	106434	AW548154	TC188046	null	Mm.18249
72938	74339	AW548250	TC187437	null	Mm.43939
467565	557971	AW548345	TC192626	null	Mm.89391
36563	35324	AW548074	TC187363	null	Mm.3094
238539	293090	AW548188	TC187231	null	Mm.30163
607862	377658	AW548270	TC200106	alpha tropomyosin	Mm.646
35231	15304	AW548360	TC193223	null	Mm.102860
16249	22574	AW549561	TC206391	null	null
166403	175467	AW549677	TC163294	null	Mm.35087
1618283	1031754	AW549756	TC173796	sid23p	Mm.28919
113800	82311	AW549859	TC175530	null	Mm.27965
77545	56139	AW549588	TC174286	null	Mm.24161
73718	75381	AW549689	TC159116	null	Mm.35006
44696	26237	AW549775	null	null	Mm.102900
393743	678582	AW549872	TC190938	the murine homolog of receptor	Mm.9010
368600	438492	AW546253	null	null	Mm.1139
95967	65708	AW546342	TC176066	null	Mm.78002
27485	19406	AW546414	TC167208	null	Mm.102811
234603	238641	AW546490	null	null	Mm.102812
558802	544897	AW546273	TC186373	Mus musculus ribosomal protein	Mm.30806
345683	246043	null	null	null	null
907170	906075	AW546437	TC173197	rabkinesin-6	Mm.4566
85731	59693	AW546512	TC187225	integrin binding protein kinas	Mm.8131
198864	162478	AW547606	TC204532	null	Mm.1468
125099	111787	AW547708	TC201479	null	Mm.6803
964861	1042767	AW547861	TC200170	cellular nucleic acid binding	Mm.7335
463223	972127	AW547981	null	null	Mm.102849
69325	74002	AW547620	TC203056	DNA polymerase zeta catalytic	Mm.2167
37797	26390	AW547805	TC188062	null	Mm.38782
45618	46383	AW547880	null	null	null
46375	56928	AW548004	null	null	Mm.102851
1329665	1355788	AW549139	TC186622	protein phosphatase 1	Mm.4572
761626	936867	AW549255	TC159887	null	Mm.21848
154834	89054	AW549367	TC188074	retinal short-chain dehydrogen	Mm.14063
7092	10931	null	null	null	null
277918	266222	AW549166	null	null	null
41200	42659	AW549271	TC176170	null	Mm.25427
80351	73993	AW549389	TC173981	null	Mm.18924
350344	298180	AW549481	TC186759	null	Mm.5856
73766	83292	AW546585	TC199942	null	Mm.3428
16686	21841	AW546678	null	null	null
0	0	AW546754	TC187393	C184S protein	Mm.27657
30971	34554	AW546606	TC188601	null	Mm.103488
294221	233583	AW546697	TC159978	plasma phospholipid transfer p	Mm.7046
0	0	AW546796	TC163105	null	Mm.22835
13356	23378	AW548068	TC159533	y2-globin	Mm.35830
365422	431930	null	null	null	null
383188	483169	AW548346	TC157657	ribosomal protein S17	Mm.42767

342339	370765	null	null	null
265482	192491	AW548191	TC200769	Xap89 protein
81463	54345	AW548274	null	null
582079	357720	AW548371	null	null
49284	55136	AW549572	TC191585	null
110814	125538	null	null	null
32784	30321	AW549759	TC188959	TFIID subunit p80
125165	79361	AW549589	TC188183	null
615237	691731	AW549691	TC186378	ribosomal protein S7
68729	85817	AW549777	TC161593	null
410652	797085	AW549877	TC161715	null
67137	53190	AW546256	null	null
85608	60160	AW546347	TC161488	geminin
307420	228487	AW546425	null	null
137952	158735	AW546491	TC161843	null
199874	178958	AW546278	null	null
144904	125403	AW546367	TC158352	CRIPT protein
47073	41548	AW546446	TC200874	laminin B2 (AA 1-217)
55439	63364	null	null	null
123287	98811	AW547608	TC173322	cytoplasmic dynein heavy chain
161486	222984	AW547724	TC167297	null
298735	307606	AW547864	null	null
0	0	AW547983	null	null
0	0	AW547621	null	null
50866	40426	AW547808	null	null
45122	44648	AW547882	null	null
59227	109617	AW548009	TC187364	null
242268	266253	AW549140	TC173924	null
0	0	AW549256	TC158321	translation initiation factor
0	0	null	null	null
0	0	null	null	null
204923	316380	AW549174	TC177309	null
640603	803259	AW549276	null	null
0	0	AW549390	TC161897	null
0	0	AW549484	TC173091	mtprd
327965	166948	AW546594	TC173206	phospholipid hydroperoxide glu
57736	39624	AW546684	TC192251	null
219399	175738	AW546765	TC202155	null
62925	75198	AW546615	TC173827	null
119183	94971	AW546700	TC160809	null
251904	273282	AW546797	TC157752	null
0	0	AW548068	TC159533	y2-globin
865189	1104140	AW548162	TC174800	null
73602	71585	AW548255	null	null
435117	546308	AW548346	TC157657	ribosomal protein S17
112611	95618	AW548084	TC202526	null
180792	604601	AW548197	TC190809	null
232924	896482	AW548291	null	null
163730	135538	AW548377	TC203764	null
59696	43648	AW549577	TC192135	null
160869	136107	AW549684	TC160999	null

20353	14466	AW549761	TC200608	glucose transporter 2	Mm.10661
8466	8128	AW549862	null	null	Mm.102903
0	0	AW549599	null	null	null
25619	26663	AW549693	TC162792	null	Mm.32053
240845	245773	AW549782	TC199946	proteasome subunit C3	Mm.3428
63829	66364	AW549878	TC174528	typr II DNA topoisomerase beta	Mm.4093
178784	234723	AW546267	TC159957	connexin 43	Mm.4504
269970	294177	AW546348	TC187788	null	Mm.26492
237102	205121	AW546426	TC161087	null	Mm.24219
63832	45111	null	null	null	null
90530	133234	AW546280	TC160353	null	Mm.35844
536741	459650	AW546368	null	null	null
36258	33405	AW546452	null	null	null
117081	159799	AW546518	TC173060	enhancer of rudimentary homolo	Mm.21952
46496	55413	AW547609	TC162145	voltage-dependent calcium chan	Mm.3544
608149	772029	AW547746	null	null	Mm.102843
399594	363360	null	null	null	null
280518	348119	AW547988	TC173984	null	Mm.30969
140370	124067	AW547622	TC158505	kinesin-related mitotic motor	Mm.42203
125292	112084	AW547810	TC160970	null	Mm.21749
661911	466656	AW547894	null	null	Mm.102848
168312	217442	AW548010	TC176717	5-lipoxygenase-activating prot	Mm.19844
186603	261271	AW549145	TC160092	25 kDa FK506 binding protein F	Mm.3371
443220	361294	AW549259	TC162974	novel stromal cell protein	Mm.17958
203067	211696	AW549375	TC163705	null	Mm.97975
365538	599850	AW549472	null	null	Mm.102891
399555	357520	AW549179	TC176191	null	Mm.36505
0	0	AW549277	TC200309	null	Mm.12459
283895	197736	AW549391	TC190748	null	Mm.30566
0	0	AW549488	null	null	null
144153	216472	AW546597	TC174028	spermidine/spermine N1-acetyl	Mm.2734
73852	39809	AW546688	null	null	null
546235	385880	AW546788	TC173412	p68(beta ig-h3)	Mm.14455
141338	213017	AW546619	TC157766	null	Mm.24729
130394	171772	AW546704	null	null	Mm.14798
30105	20176	AW546799	TC204099	null	Mm.58488
85937	64622	AW546849	TC161646	copper chaperone for superoxid	Mm.21414
68132	67112	AW548068	TC159533	y2-globin	Mm.35830
102956	96068	AW548168	TC201156	null	Mm.27523
44961	22781	null	null	null	null
0	0	AW548347	null	null	Mm.102859
71276	75176	AW548085	TC173534	null	Mm.28039
196298	272873	AW548198	null	null	Mm.7156
46100	43478	AW548292	TC162979	null	Mm.3882
128763	148745	AW548382	TC160680	null	Mm.23739
227808	304908	AW549581	TC158358	null	Mm.79256
30361	21958	null	null	null	null
0	0	AW549767	null	null	Mm.102898
211746	184632	AW549864	TC186724	neuropilin	Mm.27448
163721	105413	AW549608	TC192881	null	Mm.11350
0	0	AW549702	TC174727	F-box protein FBX18	Mm.24088

1491755	831422	AW549786	TC159417	ATP synthase beta-subunit	Mm.17869
370253	237609	AW549879	TC161785	null	Mm.13756
72893	124703	AW550633	TC161400	null	Mm.27811
32320	20332	AW550741	TC160451	hepatoma-derived growth factor	Mm.38268
313972	223852	AW550836	TC161569	null	Mm.5293
1177511	894778	null	null	null	null
146989	95352	AW550653	TC159800	null	Mm.22708
640203	435745	AW550770	null	null	null
150724	123384	AW550853	null	null	null
865822	639273	AW550913	TC157709	null	Mm.21514
648847	348199	AW551942	TC160287	aldehyde dehydrogenase II	Mm.4514
476945	461379	AW551989	TC199907	elongation factor 2	Mm.70787
58967	50419	AW552037	TC176972	null	Mm.33408
445612	399474	AW552084	null	null	Mm.102986
681208	436350	AW551955	null	null	null
25054	16384	AW552000	TC161854	null	Mm.10844
391027	418065	AW552048	null	null	Mm.97727
25412	18156	AW552092	TC189675	steroid receptor coactivator-1	Mm.2028
84823	101414	AW552765	null	null	null
645959	500947	AW552831	TC173039	Sui1 homolog	Mm.13886
1032516	1076852	AW552886	TC186422	murine valosin-containing prot	Mm.18921
260732	220801	AW552961	TC188262	null	Mm.525
40096	39664	AW552781	TC197580	null	Mm.103544
16037	14862	AW552845	null	null	Mm.103016
161609	96895	AW552902	TC186919	null	Mm.29975
68819	38504	AW552987	TC201863	null	Mm.27162
0	0	AW551014	TC190388	null	Mm.34463
54672	47451	AW551152	TC174829	null	Mm.33008
37045	25876	AW551248	TC197665	null	null
0	0	AW551176	null	null	null
201771	151458	AW551267	null	null	null
29337	25112	AW551379	TC188195	null	Mm.26582
82932	52758	AW552126	TC157792	null	Mm.11223
123795	159213	null	null	null	null
42689	35948	AW552210	null	null	Mm.13162
22807	11313	AW552256	TC202954	null	Mm.31048
34486	20513	null	null	null	null
0	0	AW552179	TC190338	null	Mm.100617
72300	71667	AW552226	TC189172	null	Mm.27098
0	0	AW552270	null	null	Mm.102994
47498	50330	AW553053	TC174833	ALF1B protein	Mm.36894
84089	75463	AW553106	TC160552	null	Mm.25200
135381	585926	null	null	null	null
35895	34814	AW553223	TC188455	null	Mm.41558
0	0	AW553066	TC166325	null	Mm.103029
56103	26911	AW553129	TC187025	null	Mm.42275
29685	32279	AW553186	TC193244	null	Mm.102959
11023	10162	AW553246	TC188821	mTim1	Mm.6458
248244	741038	AW550637	TC200645	null	Mm.38415
5610	9218	null	null	null	null
352115	269376	null	null	null	null

763058	791141	AW550902	TC158243	ribosomal protein	Mm.2235
451007	382699	AW550655	TC188727	T-cell receptor alpha chain	Mm.3466
35375	31315	AW550771	null	null	null
232676	174872	AW550860	TC187062	null	Mm.27901
203726	176856	AW550917	TC176604	null	Mm.67527
84929	116230	AW551943	TC157271	null	Mm.7398
961196	909691	AW551989	TC199907	elongation factor 2	Mm.70787
33775	29728	AW552038	TC157952	null	Mm.57792
28859	24183	AW552086	TC200303	serine palmitoyltransferase LC	Mm.6505
0	0	AW551958	null	null	null
0	0	AW552001	TC175159	null	Mm.21175
55257	54812	AW552052	TC161981	null	Mm.32901
31182	22127	AW552096	TC162248	homeobox protein PKNOX1	Mm.87619
35028	28893	AW552766	TC177560	null	Mm.24284
504109	558956	AW552833	TC186792	LNR42	Mm.27796
1070246	912361	AW552886	TC186422	murine valosin-containing prot	Mm.18921
78366	62317	AW552972	TC174092	null	Mm.30092
18935	16841	AW552788	TC197581	null	Mm.103012
624971	505297	AW552848	TC186483	rab7	Mm.4268
31452	20472	null	null	null	null
0	0	AW552990	TC162697	null	Mm.27637
241892	272026	AW551156	TC173134	ribosomal protein L18	Mm.41923
254793	171902	AW551249	TC158299	voltage dependent anion channe	Mm.3555
129256	85431	AW551338	TC186893	null	Mm.21707
64462	34619	AW551179	TC178171	null	Mm.3281
55527	56928	AW551278	TC187141	Ste20-related kinase SMAK	Mm.28133
17022	7156	AW551387	null	null	null
63069	39208	AW552126	TC157792	null	Mm.11223
84748	61607	AW552170	TC187605	myocyte-enriched calcineurin i	Mm.56
98955	65245	AW552212	null	null	null
0	0	AW552260	TC202568	null	Mm.30232
40337	38496	AW552133	TC158468	KIF2 protein	Mm.4415
121222	95074	AW552184	null	null	Mm.102990
235801	239703	AW552227	TC174555	null	Mm.27259
25262	31899	AW552272	TC202465	null	Mm.25307
0	0	AW553058	TC190984	megakaryocyte potentiating fac	Mm.17510
108104	93589	AW553113	TC173247	N-acetylglucosaminyl transfera	Mm.6354
0	0	AW553177	null	null	Mm.103037
143937	161387	AW553224	TC187995	null	Mm.22030
0	0	null	null	null	null
51911	39572	AW553130	TC170720	null	Mm.103033
0	0	AW553188	TC167104	null	Mm.103039
20223	21747	AW553249	TC187275	null	Mm.29743
682142	605382	AW550639	TC207811	null	null
2070651	1794463	AW550755	null	null	null
46852	40616	AW550845	null	null	null
140020	102444	AW550906	null	null	Mm.102939
690093	802292	AW550656	TC159612	plasma glutathione peroxidase	Mm.7156
366299	287948	AW550772	null	null	Mm.102935
101398	66209	AW550861	TC189773	null	Mm.4211
1113703	1560041	AW550920	TC191737	null	Mm.44718

153727	136543	AW551944	TC190375	null	Mm.27957
0	0	AW551993	TC160861	MEB3 (aa 11-919)	Mm.7248
254586	183367	AW552041	TC200356	makorin 1	Mm.7198
33686	29386	AW552088	TC191320	null	Mm.23614
259792	235402	AW551959	TC160632	cullin 1	Mm.21771
51894	38967	AW552005	null	null	Mm.102983
87107	120195	AW552054	TC188080	null	Mm.27627
18896	17516	AW552099	TC159646	ubiquitin carboxyl-terminal hy	Mm.29807
237106	219287	null	null	null	null
27647	25741	AW552834	TC165010	null	Mm.63584
171476	91453	AW552889	TC169440	null	Mm.39178
965857	957479	AW552978	TC200144	alpha-actinin	Mm.29991
115295	109271	AW552789	TC192095	null	Mm.83528
16517	9988	AW552849	TC211232	null	null
418172	391550	AW552909	TC173697	cellugyryn	Mm.2079
998899	768492	AW552998	TC188050	null	Mm.28803
151530	113935	AW551019	TC186736	cdc21	Mm.1500
618920	672349	AW551165	TC173309	protein-tyrosine kinase substr	Mm.584
70941	79072	AW551251	TC190382	null	Mm.17353
43375	33743	AW551339	TC161875	null	Mm.31643
0	0	AW551032	null	null	Mm.1139
95733	60091	AW551184	null	null	Mm.24786
128996	116981	null	null	null	null
60935	156734	AW551388	null	null	Mm.29590
56259	46426	AW552126	TC157792	null	Mm.11223
36860	29805	AW552171	TC164583	null	Mm.44734
9781	9484	AW552217	TC206904	null	Mm.36771
36060	35737	AW552263	TC188007	null	Mm.28332
13943	16039	AW552134	TC187079	null	Mm.27403
51139	58550	AW552186	TC199896	null	Mm.22491
0	0	AW552230	TC188326	null	Mm.27142
14337	15495	AW552276	TC173780	null	Mm.36669
100687	95161	AW553061	null	null	null
74220	58956	AW553118	TC173337	null	Mm.22533
99140	82728	AW553179	TC175193	null	Mm.21453
85359	72167	AW553227	null	null	Mm.103041
0	0	AW553068	TC178026	null	Mm.23656
18178	14437	AW553137	TC175107	Rhesus blood group protein	Mm.18140
167304	124925	AW553192	TC203485	null	Mm.22249
222512	185498	AW553253	TC161523	null	Mm.39288
332921	306724	AW550641	TC188443	Frg1	Mm.67
46343	27949	AW550764	null	null	null
101436	89630	AW550848	TC204527	null	Mm.63497
224522	204780	AW550907	TC187440	S6 kinase 2	Mm.20917
460713	699276	AW550666	TC203609	null	Mm.32494
69822	55695	AW550780	TC174151	unknown	Mm.1457
92508	104492	AW550862	null	null	Mm.3953
195218	178210	null	null	null	null
102046	71422	AW551949	TC161044	null	Mm.29283
39699	35566	AW551994	TC188818	null	Mm.38957
638422	387544	AW552043	TC201270	null	Mm.23839

962230	586988	AW552089	null	null	null
1051246	1050616	null	null	null	null
43979	40786	AW552006	TC161308	null	Mm.28517
59826	63330	AW552055	TC202511	SH2-B PH domain containing sig	Mm.8538
22683	24794	AW552101	null	null	null
70886	51521	AW552772	null	null	null
29362	31671	AW552837	TC166423	null	Mm.103015
371764	324563	AW552891	null	null	null
1088771	944592	AW552979	TC201852	null	Mm.39988
260148	208154	AW552790	null	null	null
92600	59475	AW552851	TC176154	null	Mm.33818
128170	89769	AW552910	TC177137	null	Mm.24136
191155	177403	AW553000	TC158553	null	Mm.37975
12865	13122	AW551021	TC200080	alpha fetoprotein	Mm.80
115895	88285	AW551166	TC187086	hemin-sensitive initiation fac	Mm.20949
100824	72979	AW551259	TC160212	ancient ubiquitous 46 kDa prot	Mm.2146
148386	592661	AW551033	TC163708	null	Mm.38527
141307	114847	AW551190	null	null	null
17695	23389	AW551281	TC203341	null	Mm.46543
20823	46535	AW551393	null	null	Mm.29590
8237	7636	AW552127	null	null	null
112816	128048	AW552172	TC189403	null	Mm.41224
78815	68012	AW552218	TC199941	null	Mm.19101
0	0	null	null	null	null
127728	122676	AW552135	null	null	Mm.102989
0	0	AW552188	TC177345	null	Mm.52111
0	0	AW552234	null	null	null
42209	25465	AW552278	TC188900	alpha-methylacyl-CoA racemase	Mm.2787
260412	239411	AW553062	null	null	null
0	0	AW553120	null	null	Mm.103032
175732	155355	AW553180	TC160876	null	Mm.22192
62749	51445	AW553230	TC162262	Drosophila vasa homologue	Mm.67423
635366	495272	AW553069	null	null	null
109078	131262	AW553139	TC202964	null	Mm.32488
0	0	AW553194	TC160399	null	Mm.28668
154973	147784	AW553254	TC200634	49 kDa zinc finger protein	Mm.12236
501681	338230	AW550650	TC157665	tctex-1 protein	Mm.1948
948479	1017720	AW550765	null	null	null
1048873	1167842	AW550850	TC158182	null	Mm.13859
858907	742007	AW550910	TC157628	BUB2-like protein 1	Mm.29982
0	0	AW550677	TC157776	null	Mm.30240
128117	187344	AW550783	TC168012	null	Mm.102936
169490	121998	AW550864	TC200017	thyroid hormone binding protei	Mm.16660
0	0	AW550933	null	null	Mm.102941
0	0	AW551952	TC193158	null	null
0	0	AW551995	TC190761	null	Mm.28914
132647	104586	AW552044	null	null	null
0	0	AW552090	TC157928	null	Mm.21761
0	0	AW551961	null	null	Mm.102980
0	0	null	null	null	null
0	0	AW552057	TC175797	null	Mm.34694



0	0	AW552102	TC201094	leucine rich protein	Mm.27746
0	0	AW552774	null	null	null
0	0	AW552838	TC160333	2-oxoglutarate dehydrogenase E	Mm.30074
76066	102139	AW552892	TC166857	null	Mm.103019
0	0	AW552980	TC200818	glycosylphosphatidylinositol a	Mm.5903
0	0	AW552792	TC211357	null	Mm.102923
0	0	AW552855	TC160083	null	Mm.22559
0	0	AW552911	TC167592	null	Mm.96076
0	0	AW553001	TC161841	ISLR	Mm.38426
142215	153144	AW551025	null	null	Mm.102942
0	0	AW551167	TC178606	null	Mm.100216
537511	447592	AW551261	TC173614	null	Mm.21684
58344	64088	AW551352	null	null	null
219314	169751	AW551034	null	null	Mm.29722
58765	52018	AW551191	TC158511	null	Mm.11593
184218	139152	AW551291	TC173759	null	Mm.26680
337933	391711	AW552131	TC186878	null	Mm.12110
137931	159415	AW552177	null	null	null
149353	164108	AW552221	TC200146	hepatoma derived growth factor	Mm.1141
32766	33135	AW552266	TC202116	protein kinase	Mm.2185
41495	31737	AW552136	null	null	null
35777	26523	AW552189	TC174866	null	Mm.22599
25031	16875	AW552235	TC197567	null	Mm.102992
270638	192624	AW552281	TC188850	ubiquitin protein ligase	Mm.8975
232771	185640	AW553064	null	null	Mm.103027
100284	76273	AW553124	TC160113	MGP precursor	Mm.2017
169505	172894	AW553181	TC205675	null	Mm.103038
374040	452182	AW553234	TC201155	null	Mm.27523
0	0	AW553070	null	null	null
57876	58943	AW553140	TC160223	regulated secretory protein-23	Mm.17403
54799	49716	AW553197	TC188798	null	Mm.18062
73383	90735	AW553258	TC158866	ribosomal protein L37a	Mm.21529
2303466	2273705	null	null	null	null
176876	191634	AW550769	TC191184	zinc finger protein ZFP113	null
1655646	2124898	AW550850	TC158182	null	Mm.13859
348723	350400	AW550910	TC157628	BUB2-like protein 1	Mm.29982
33320	39538	AW550679	TC165342	null	Mm.27670
0	0	AW550795	TC200441	G protein alpha i3 subunit	Mm.22704
89401	66069	AW550871	TC200601	null	Mm.29230
1687387	1519154	AW550942	TC174217	null	Mm.24220
21264	22499	AW551953	TC157457	null	Mm.102979
91781	79018	AW551999	TC187139	protein carboxyl methyltransfe	Mm.25169
1470437	893226	AW552047	TC160646	null	Mm.29349
40920	45403	AW552091	null	null	null
188072	260353	AW551962	TC200673	null	Mm.30165
291957	275100	AW552007	TC174425	null	Mm.20543
127245	101024	AW552058	TC173473	null	Mm.23836
99152	93865	AW552103	TC160469	null	Mm.29106
524983	244827	AW552780	TC173392	glutathione transferase (EC 2.	Mm.2011
134873	109780	AW552841	TC177370	null	Mm.22056
94495	103346	AW552896	TC162673	null	Mm.38238

160032	227502	AW552986	TC200198	null	Mm.24365
54483	41026	AW552797	TC163246	zinc finger protein	Mm.12832
342583	424218	null	null	null	null
1130776	1134901	AW552915	TC157882	null	Mm.30062
189545	213749	AW553008	null	null	null
1307716	1477910	AW551028	TC160801	Vav2 gene product	Mm.39302
102223	110412	AW551172	TC201587	null	Mm.29615
201076	279878	AW551263	null	null	null
413947	432804	AW551372	TC173796	sid23p	Mm.28919
220316	186235	null	null	null	null
256765	217489	AW551192	TC174147	PA28 alpha subunit	Mm.830
72385	72099	AW551293	TC160773	null	Mm.204
55730	46549	AW551398	TC202895	null	Mm.43157
51762	44720	AW552132	TC175080	AMY-1	Mm.12975
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0	0	AW552222	TC186388	5' ORF	Mm.14802
43385	37320	AW552267	null	null	null
2304900	3097385	AW552139	null	null	Mm.10706
42583	35406	AW552191	TC161086	null	Mm.28579
102236	103014	AW552238	TC200632	null	Mm.28910
279911	245909	AW552286	null	null	null
0	0	AW553065	TC211228	null	Mm.103028
0	0	AW553126	TC190857	null	Mm.21655
218436	204791	null	null	null	null
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26221	20982	AW553141	null	null	null
184401	128175	AW553198	TC173470	null	Mm.18628
514151	595954	AW553259	TC173461	HBp15/L22	Mm.43243
17832	26551	AW553714	TC159048	tousled-like kinase	Mm.4557
17741	9640	AW553766	TC165695	null	Mm.77786
274771	172134	AW553824	null	null	null
29393	21998	AW553910	TC179611	null	Mm.103075
164029	112898	AW553730	TC176385	null	Mm.49051
91595	54211	AW553787	TC187625	null	Mm.29042
37038	30504	AW553859	TC162287	interleukin-10 receptor	Mm.26658
26674	25568	AW553926	TC161513	null	Mm.41739
0	0	AW554686	TC207781	null	Mm.4505
0	0	AW554760	TC211223	null	Mm.103111
21512	21736	AW554840	TC203839	null	Mm.30517
46666	28684	AW554918	TC205065	null	Mm.34078
55593	39125	null	null	null	null
12445	7776	AW554783	TC161034	null	Mm.7597
9917	7040	AW554852	null	null	Mm.103115
95913	99638	AW554926	TC173227	PTB-associated splicing factor	Mm.43213
43086	30424	AW555662	TC173844	null	Mm.27435
1855962	934158	AW555706	null	null	Mm.5246
919950	733797	AW555755	TC158564	null	Mm.86618
2013814	1399874	AW555675	TC186497	aldehyde reductase	Mm.30085
76896	57777	AW555719	null	null	null
1174005	949661	AW555762	TC160043	transketolase	Mm.9307

0	0	AW553974	null	null	null
89676	54907	AW554047	TC175660	null	Mm.32033
118610	105806	AW554115	TC162066	calcitonin gene-related peptid	Mm.18072
531407	407588	AW554165	TC203170	vacuolar protein sorting homol	Mm.2582
554564	411222	AW553987	TC175832	null	Mm.41932
1526208	1231244	AW554069	null	null	null
24515	19579	AW554125	TC205093	null	Mm.24428
44689	40300	AW554184	TC187881	null	Mm.27373
163989	143917	AW555001	TC201350	RW1 protein	Mm.10808
57017	51184	AW555062	TC187902	null	Mm.27922
40850	32008	AW555108	TC190380	null	Mm.30850
193887	76697	AW555156	TC176698	null	Mm.31203
1813114	1077760	AW555020	TC173231	null	Mm.988
21760	18908	AW555073	TC184145	null	Mm.102954
149333	126526	AW555116	TC179504	null	Mm.100829
96578	69696	AW555167	TC157840	null	Mm.22615
27143	23122	AW555800	TC200478	zinc RING finger protein SAG	Mm.28235
0	0	AW555883	null	null	null
49167	36436	AW555985	TC187177	30-kDa subunit of replication	Mm.2870
202493	211983	AW556040	TC160388	transcription factor	Mm.925
53572	43977	AW555813	TC162512	null	Mm.32364
100421	98742	AW555905	TC165533	null	Mm.100597
27140	24283	AW555995	TC173490	heparin binding protein 44	Mm.4560
157464	122883	AW556050	null	null	null
9266	10110	AW553715	TC157927	null	Mm.21657
41164	40633	AW553771	null	null	Mm.103068
205709	114438	AW553838	TC160342	null	Mm.21669
267644	217747	AW553913	TC188586	null	Mm.15801
0	0	null	null	null	null
0	0	AW553789	null	null	null
76835	55567	AW553861	TC170833	null	Mm.103072
23149	24432	null	null	null	null
88780	81339	AW554687	TC187877	null	Mm.608
0	0	AW554761	TC179300	null	Mm.100810
7575	18190	AW554842	null	null	null
16938	17498	AW554921	TC190032	null	Mm.24501
199907	163484	AW554706	TC162439	null	Mm.21246
0	0	AW554784	TC177286	null	Mm.32986
68464	42462	AW554859	TC166562	null	Mm.40831
78689	62306	null	null	null	null
251886	236219	AW555665	TC203042	null	Mm.41188
274903	189009	AW555707	TC174549	WW-domain binding protein 1	Mm.1109
251448	180651	AW555759	TC173354	prohibitin or B-cell receptor	Mm.2355
2715691	2007567	AW555675	TC186497	aldehyde reductase	Mm.30085
1494084	1074057	AW555720	TC187102	tumor necrosis factor alpha co	Mm.27681
0	0	AW555762	TC160043	transketolase	Mm.9307
77369	59618	AW553978	TC158517	null	Mm.21876
419928	445807	AW554058	null	null	Mm.21671
175762	166216	AW554116	TC187645	alpha 2 (IV) collagen fragment	Mm.100770
204949	136452	AW554166	TC162288	OCTN2	Mm.42253
498302	325095	AW553990	TC164862	null	Mm.38401

19547	13147	AW554071	null	null	null
0	0	null	null	null	null
89572	82088	AW554186	TC176819	null	Mm.30556
0	0	AW555007	TC187096	phosphatase 2A catalytic subun	Mm.7418
0	0	AW555063	TC184000	null	null
144300	105478	AW555109	TC202254	DNA-binding protein	Mm.8137
176263	146559	AW555157	TC186699	null	Mm.29584
1765647	1090221	AW555020	TC173231	null	Mm.988
110904	100926	AW555075	TC188782	null	Mm.25140
0	0	AW555117	TC206452	null	Mm.26553
21340	18412	AW555168	null	null	Mm.103128
11784	12557	AW555803	TC173939	Tbc1	Mm.27271
20507	16039	AW555889	TC175504	platelet-derived growth factor	Mm.2675
248676	123941	AW555986	TC200417	null	Mm.28365
314886	297948	AW556041	TC174307	complement protein H	Mm.8655
74831	60599	AW555816	TC163276	synaptonemal complex protein 1	Mm.4564
22993	31456	AW555913	TC160151	mMIS5	Mm.4933
86742	68761	AW555997	null	null	Mm.103158
73771	54631	AW556056	TC204702	Hox-3.2	Mm.103163
84106	63847	AW553717	TC190260	null	Mm.2775
12598	5931	AW553772	TC210153	null	Mm.103069
175820	112487	AW553846	TC176873	AE3 protein	Mm.5053
28479	29367	AW553914	TC174945	null	Mm.23503
111667	74294	AW553732	TC174725	pyruvate carboxylase	Mm.1845
79067	57105	AW553790	TC174578	null	Mm.29793
141898	100863	AW553862	TC174450	null	Mm.28231
72365	61160	AW553930	TC161277	protein tyrosine phosphatase P	Mm.4220
171329	120701	AW554689	TC201360	null	Mm.11535
77283	75139	AW554765	TC203144	null	Mm.27484
0	0	AW554844	TC193190	null	null
63630	81631	AW554923	TC187162	HMG CoA synthase	Mm.10633
287004	199923	AW554709	TC161267	null	Mm.19803
106112	89245	AW554785	TC202067	spermatid perinuclear RNA bind	Mm.18034
44989	39453	AW554864	TC197551	null	Mm.103116
333210	251107	AW554931	null	null	null
749937	777954	AW555666	TC200166	cAMP-dependent protein kinase	Mm.30039
915961	905653	AW555711	null	null	Mm.103152
514318	531916	null	null	null	null
126010	87529	AW555677	TC163982	null	Mm.71886
1376172	1359884	AW555723	TC205171	null	Mm.32934
543713	499739	AW555765	TC201192	cytoplasmic dynein intermediat	Mm.20893
425794	339332	AW553979	TC186475	protein-tyrosine kinase (EC 2.	Mm.28598
105353	106337	AW554059	TC161448	null	Mm.28109
29996	25559	AW554117	TC200053	null	Mm.29306
539750	439983	AW554172	TC200293	SDR1	Mm.15125
595227	576888	AW553998	TC186580	null	Mm.5612
316815	187912	AW554074	TC160894	unnamed protein product	Mm.18818
50201	39001	AW554127	TC200745	putative T1/ST2 receptor bindi	Mm.1044
340030	242911	AW554187	TC173221	alpha glucosidase II, alpha su	Mm.3196
117050	112689	AW555008	TC190310	null	Mm.29167
32069	32035	AW555065	TC161602	RalGDS-like factor	Mm.43777

37848	39872	AW555111	TC201446	histone deacetylase 3	Mm.20521
112675	79182	AW555158	TC189419	null	Mm.25122
319996	314881	AW555021	TC202149	subtilisin-like proprotein con	Mm.3255
325062	276672	AW555077	TC163449	endophilin I	Mm.26533
83090	62198	AW555120	TC159632	Tssc4 protein	Mm.88573
81642	74983	AW555173	TC187118	null	Mm.23825
0	0	AW555804	TC164016	null	Mm.31979
47506	31633	AW555895	TC176722	null	Mm.7863
0	0	AW555990	null	null	null
0	0	AW556044	null	null	Mm.103162
34203	22824	null	null	null	null
31379	24705	AW555914	TC161319	null	Mm.23566
262385	251430	AW555999	TC176677	null	Mm.28759
0	0	AW556058	TC193310	null	Mm.100997
89534	51684	AW553718	TC158352	CRIP1 protein	Mm.21149
34945	24443	AW553774	TC162832	null	Mm.44715
22428	16944	AW553849	TC207115	null	Mm.103071
110447	92861	AW553915	TC205002	null	Mm.89181
22239	18503	AW553736	TC189536	null	Mm.40291
38795	29484	AW553793	TC202900	null	Mm.38313
8061	4255	AW553866	TC175071	2P1 protein	Mm.29471
68541	38088	AW553932	null	null	Mm.103076
411753	439713	AW554692	TC159884	alpha NAC/1.9.2. protein	Mm.3746
51094	59019	AW554767	TC188527	cdc2/CDC28-like kinase 4	Mm.9488
268935	332263	AW554846	TC160091	unc-18 homologue	Mm.12155
38803	88614	AW554924	TC200837	Su(var)3-9 homolog	Mm.9244
44729	32941	AW554710	TC176346	null	Mm.36283
18025	15446	AW554790	null	null	Mm.103112
69855	74331	AW554865	TC176388	null	Mm.32661
27907	25817	AW554932	TC211196	null	null
388436	340151	AW555668	null	null	null
555159	488653	AW555712	TC187711	null	Mm.29600
802585	918841	null	null	null	null
290988	251403	AW555678	null	null	Mm.100627
198123	223220	AW555731	TC159152	unnamed protein product	Mm.29577
693027	545356	AW555768	TC200642	null	Mm.28600
121675	89795	AW553980	TC174545	null	Mm.29878
208942	202281	AW554060	TC161501	null	Mm.22403
25745	23308	null	null	null	null
360999	367745	AW554173	TC173440	single stranded DNA binding pr	Mm.966
61929	49806	AW553999	TC175893	null	Mm.27763
0	0	null	null	null	null
699591	424245	AW554129	TC188496	null	Mm.24457
214120	187796	AW554188	TC201608	null	Mm.25566
372338	415364	AW555009	TC188002	TR2L	Mm.5159
175911	178671	AW555068	TC204103	null	Mm.89413
235811	253638	AW555113	TC183561	null	Mm.103458
54746	71536	null	null	null	null
109621	126983	AW555026	TC189185	protein S	Mm.24611
73130	49252	AW555078	TC177410	inhibin alpha-subunit	Mm.1100
20331	21354	null	null	null	null

31458	15527	AW555174	TC197103	null	Mm.103129
26623	25658	AW555806	TC187091	myo-inositol 1-phosphate synth	Mm.29357
238871	189072	AW555902	null	null	null
171796	153495	AW555991	TC187027	null	Mm.46624
211927	248215	AW556045	null	null	null
159985	123264	AW555822	null	null	null
211374	173726	AW555916	TC190431	null	Mm.30643
92635	82112	AW556000	TC203421	null	Mm.103159
35408	38695	AW556059	TC202735	null	Mm.24527
0	0	AW553719	TC167154	null	Mm.77303
0	0	AW553775	TC200261	null	Mm.29641
0	0	AW553850	TC158503	hepatoma-derived growth factor	Mm.28887
0	0	AW553918	TC174452	null	Mm.44225
0	0	AW553737	TC212466	null	Mm.103065
0	0	AW553797	TC189858	null	Mm.29899
0	0	AW553868	TC201712	second IL11 receptor alpha cha	Mm.15617
0	0	AW553934	TC184141	null	null
0	0	AW554693	TC173834	null	Mm.29092
20101	21369	AW554776	TC202889	null	Mm.29638
0	0	AW554847	TC204985	null	Mm.34720
0	0	null	null	null	null
32666	26714	AW554711	TC187018	null	Mm.31533
0	0	AW554791	TC164539	IL-3 receptor alpha subunit	Mm.4944
32223	26055	AW554874	TC162436	gankyrin	Mm.40507
18873	35657	AW554937	null	null	null
0	0	AW555669	TC189295	null	Mm.30752
755033	678934	AW555713	TC187861	DNA helicase	Mm.34410
0	0	AW555761	null	null	null
0	0	AW555679	TC163495	null	Mm.44079
0	0	AW555732	TC187502	null	Mm.30007
0	0	AW555769	null	null	null
295244	225077	AW553984	TC163834	null	Mm.86756
2383763	2005472	AW554061	null	null	null
56834	60496	AW554120	TC186503	mCDC47	Mm.18923
0	0	AW554174	TC177346	sperm-binding protein ZP2 prec	Mm.6510
223122	201948	AW554000	null	null	Mm.103079
46390	48518	AW554076	TC178832	null	Mm.103081
97250	58798	AW554132	TC163327	semaphorin subclass 4 member G	Mm.34404
94203	90361	AW554191	TC203273	null	Mm.23983
311602	256699	AW555013	TC161468	UNC-51-like kinase (ULK) 2	Mm.27664
17455	12585	AW555071	null	null	null
0	0	null	null	null	null
181411	156889	AW555161	null	null	null
0	0	AW555028	TC204192	null	null
115944	99661	AW555081	TC186926	2,3-bisphosphoglycerate mutase	Mm.22706
44234	35434	AW555124	TC188699	null	Mm.46552
77921	88194	AW555176	TC186910	null	Mm.29144
50164	22713	AW555810	null	null	Mm.103156
41591	39484	AW555903	null	null	null
183951	218530	AW555992	TC174838	null	Mm.29536
163381	172103	AW556048	TC201328	null	Mm.2845

0	0	AW555823	null	null	null
223492	164484	AW555929	TC200509	evectin-2	Mm.28491
11710	12397	AW556002	TC157673	null	Mm.38247
70211	79031	AW556062	TC161880	null	Mm.88265
39246	31237	AW553726	null	null	null
104098	111659	AW553777	TC173127	Gh/tissue transglutaminase	Mm.18843
154377	155316	AW553858	TC173960	null	Mm.28402
109632	110724	AW553921	TC174289	null	Mm.29542
48335	46918	AW553739	TC191095	esk kinase	Mm.1904
26575	27491	null	null	null	null
25643	32968	AW553870	TC177324	periplakin	Mm.10225
26295	17292	AW553935	TC192714	null	Mm.80710
44047	18902	AW554695	TC187074	null	Mm.32126
80470	59133	AW554781	null	null	null
149236	112273	AW554848	TC174315	null	Mm.29058
28675	24290	AW554925	TC193962	null	Mm.103120
535820	510605	AW554714	TC187541	null	Mm.41268
173304	169629	AW554801	null	null	null
50986	46913	AW554878	TC191310	null	Mm.103117
115155	105245	AW554941	null	null	null
540389	527205	AW555673	TC176927	ZnT-3	Mm.1396
1768888	1588770	AW555717	null	null	null
1037074	974398	AW555762	TC160043	transketolase	Mm.9307
121468	109057	AW555680	null	null	null
342766	358758	AW555733	TC175783	hyaluronidase	Mm.4834
121912	121148	AW555773	TC178124	null	Mm.30641
251883	257309	AW553985	TC189393	null	Mm.39478
304375	283064	AW554063	null	null	null
50374	66970	AW554122	TC173489	ORF	Mm.3940
61155	62484	AW554179	TC190267	null	Mm.28615
448335	598169	AW554001	TC200675	null	Mm.28343
132215	181726	AW554081	TC161318	activity-dependent neuroprotec	Mm.25135
27408	25910	AW554133	null	null	null
13354	41749	AW554193	TC187433	FK506 binding protein 51	Mm.22595
706538	597051	AW555016	TC157590	null	Mm.4071
231126	234072	AW555072	TC190983	null	Mm.30713
71595	59385	AW555115	TC187575	null	Mm.34356
166997	151288	AW555163	TC200325	null	Mm.4525
0	0	AW555034	TC208366	null	null
32874	37289	AW555086	null	null	Mm.103124
31460	39589	AW555130	TC164192	PMS2	Mm.2950
109976	111114	AW555177	TC201318	cysteine-rich protein NFX-1	Mm.103390
0	0	AW555812	TC176964	null	Mm.21093
160430	93567	AW555904	TC177232	cell surface antigen AA4	Mm.681
125349	137252	AW555994	TC200922	melanoma adhesion molecule	Mm.39103
45920	35248	AW556049	null	null	Mm.30065
0	0	AW555831	null	null	null
0	0	AW555935	TC174672	AM2 receptor	Mm.7221
164582	126067	AW556003	TC175072	null	Mm.27790
0	0	AW556063	TC159899	null	Mm.30245
30295	22446	AW556514	TC160096	cyclin 3	Mm.7417

48287	47621	AW556570	TC163175	null	Mm.26973
60976	57974	AW556630	TC162876	null	Mm.37634
17772	14834	AW556705	TC211343	null	Mm.102814
0	0	null	null	null	null
20541	19624	AW556580	null	null	Mm.103187
7711	6153	AW556660	null	null	null
0	0	AW556711	null	null	Mm.103195
2176494	1778507	AW557486	TC164322	null	Mm.60648
120428	129800	AW557554	TC162780	null	Mm.27117
338965	342548	AW557641	null	null	null
652093	440571	AW557701	TC173800	Fc receptor (FcRn)	Mm.3303
974693	824209	AW557501	TC188704	null	Mm.21612
276572	245961	AW557574	TC173490	heparin binding protein 44	Mm.4560
2930707	1975210	AW557657	TC160230	NADP-dependent isocitrate dehy	Mm.9925
904050	929160	AW557717	null	null	Mm.24383
163796	186006	AW558517	TC173708	null	Mm.21686
104552	91912	AW558583	TC174431	null	Mm.30184
44188	41708	AW558465	TC162831	null	Mm.39461
38306	26473	AW558635	TC157986	null	Mm.37809
36190	20779	AW558533	TC201495	unknown	Mm.28337
10824	8806	AW558425	TC161447	null	Mm.32800
68405	59874	AW558477	TC202332	null	Mm.28412
68815	101991	AW558648	TC160885	null	Mm.21762
179161	163466	AW556756	null	null	null
102185	98981	AW556839	TC200213	ras-GTPase-activating protein	Mm.2411
295869	238665	AW556890	null	null	null
25037	15752	AW556934	TC186998	putative	Mm.193
109085	107788	AW556780	TC199944	null	Mm.3576
38981	23410	AW556853	TC190001	null	Mm.18561
0	0	AW556900	TC201604	null	Mm.12180
77297	78134	AW556945	TC184067	null	Mm.103209
143403	129714	AW557761	TC173938	null	Mm.34261
61443	35727	AW557823	TC191884	null	Mm.100831
131199	110431	AW557865	TC189007	RAD50	Mm.4888
21084	20141	AW557920	null	null	null
471140	351552	AW557786	null	null	null
491437	326747	AW557840	null	null	Mm.103256
151546	122123	AW557878	TC161461	growth-arrest associated	Mm.3982
112058	98701	AW557928	TC187088	null	Mm.29254
56305	57194	AW558715	null	null	null
154370	145320	AW558783	TC162194	null	Mm.103315
2397378	2098429	AW558845	null	null	Mm.103295
188234	155783	AW558903	TC203949	null	Mm.70980
226992	175943	AW558732	TC161342	RNA binding protein	Mm.12931
283339	280990	AW558800	null	null	null
95496	79317	AW558861	TC186642	null	Mm.28586
33402	30128	AW558932	TC190253	null	Mm.33840
16232	15766	AW556515	TC202612	null	Mm.80773
0	0	AW556571	TC163307	SA3	Mm.10726
0	0	AW556635	TC161018	null	Mm.100611
38179	41672	AW556706	TC176401	null	Mm.28611



13987	7557	AW556528	null	null	null
31201	24053	AW556581	null	null	null
171139	181225	AW556673	TC173398	synexin	Mm.20794
38114	19730	AW556712	TC187519	golgi SNARE	Mm.22114
914709	937526	AW557490	TC158249	calpain small subunit	Mm.6534
406365	322618	AW557555	TC203184	null	Mm.103528
170969	127197	AW557645	TC166754	null	Mm.103434
133255	121229	AW557704	TC176023	null	Mm.11669
238882	183617	AW557504	TC162476	GEG-154	Mm.5181
184245	129112	AW557576	null	null	Mm.88704
714668	561353	AW557658	TC160154	MAP kinase-activated protein k	Mm.29725
257228	179253	AW557718	TC175119	EN-7 protein	Mm.1972
18601	17119	AW558520	null	null	null
462859	339477	AW558585	null	null	null
166596	131707	AW558466	TC162088	null	Mm.21104
11559	10031	AW558639	TC175105	null	Mm.37592
224870	160924	AW558428	TC188597	null	Mm.33135
445979	317868	AW558478	TC190563	null	Mm.30933
126516	83913	AW558650	TC188138	null	Mm.27114
71032	57329	null	null	null	null
22824	14286	AW556843	TC167072	pleomorphic adenoma gene like	Mm.103199
21666	7994	AW556893	TC197609	null	null
0	0	AW556935	TC175037	NUP50	Mm.28379
81956	59682	AW556781	TC206140	null	Mm.33487
0	0	AW556857	TC187417	Ste-20 related kinase SPAK	Mm.41532
49393	34480	AW556903	TC178820	null	Mm.103204
66928	55716	AW556946	TC176907	null	Mm.24632
0	0	null	null	null	null
0	0	AW557827	TC194110	null	Mm.41510
282584	228585	AW557866	TC190502	null	Mm.41399
5973	3709	AW557921	null	null	null
0	0	AW557787	TC177337	null	Mm.13360
38934	31693	AW557841	null	null	Mm.103257
508020	173253	AW557879	TC200684	null	Mm.28015
10728	8374	AW557930	null	null	null
80108	96802	AW558717	TC204574	null	Mm.63139
644891	497618	AW558785	TC164475	null	Mm.25697
1474311	723110	AW558849	TC188978	null	Mm.22379
38772	29830	AW558904	null	null	null
0	0	AW558733	null	null	null
346162	221091	AW558801	TC159999	SH3 domain-containing protein	Mm.86379
238739	176234	AW558867	null	null	Mm.46449
0	0	null	null	null	null
20177	10868	AW556518	TC162359	APEG-1 protein	Mm.2104
389145	396636	AW556575	TC175724	zinc finger protein (Zfx)	Mm.919
81349	55735	AW556638	TC157732	null	Mm.22179
195970	236026	AW556707	TC200130	null	Mm.21559
13756	9637	AW556534	null	null	null
55835	45112	AW556585	TC163121	null	Mm.9789
182363	139565	AW556675	null	null	Mm.103193
28302	14473	null	null	null	null

788185	817991	AW557492	TC182884	null	Mm.103240
602416	546666	AW557564	TC177115	neural-restrictive silencer fa	Mm.24194
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0	0	M86720	null	null	null
0	0	AF191028	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
0	0	null	null	null	null
235660	128430	null	null	null	null
0	0	null	null	null	null