

Title Novel phosphate-activated macrophages prevent ectopic calcification by increasing extracellular ATP and pyrophosphate
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S1 Table. RNAseq analysis.

Gene expression profiles of MPIφs and M0φs revealed 3,270 mRNAs differentially expressed in MPIφs versus M0φs.

ID	Name	Description	AvrExp	logFC	FC	logCPM	LR	PValue	FDR	Biotype
ENSMUSG00000019987	Arg1	arginase, liver [Source:MGJ Symbol;Acc:MGJ:88070]	3,18635723	9,82699419	908,28056	1,73463245	127,906282	1,1767E-19	2,11941E-27	protein_coding
ENSMUSG00000009232	Gm20521	predicted gene 20521 [Source:MGJ Symbol;Acc:MGJ:5141986]	1,894828691	8,76899614	436,245408	0,90861575	81,205036	2,03473E-29	1,42392E-17	protein_coding
ENSMUSG00000029372	Pbbp	pro-platelet basic protein [Source:MGJ Symbol;Acc:MGJ:1888712]	10,27183938	7,49406047	180,275617	3,38805538	316,252803	9,48717E-71	7,4454E-68	protein_coding
ENSMUSG000000027562	Car2	carbonic anhydrase 2 [Source:MGJ Symbol;Acc:MGJ:88269]	1,614128295	6,22956427	75,0387697	0,71441254	65,1141033	7,06844E-16	3,36194E-14	protein_coding
ENSMUSG000000024245	Tmem178	transmembrane protein 178 [Source:MGJ Symbol;Acc:MGJ:1915277]	2,643875279	6,04055238	65,8244831	1,42329564	93,4306829	4,20678E-22	4,05438E-20	protein_coding
ENSMUSG00000029373	Pf4	platelet factor 4 [Source:MGJ Symbol;Acc:MGJ:1888711]	238,5255262	5,92200193	60,6317658	7,89896858	598,58446	3,4017E-132	3,7374E-128	protein_coding
ENSMUSG00000030162	Olr1	oxidized low density lipoprotein (lectin-like) receptor 1 [Source:MGJ Symbol;Acc:MGJ:1261434]	11,25854041	5,60138256	48,5494336	3,51649579	294,633806	4,86317E-66	2,81219E-63	protein_coding
ENSMUSG000000004814	Col24	chemokine (C-C motif) ligand 24 [Source:MGJ Symbol;Acc:MGJ:1928953]	2,640019743	5,57670333	47,7259937	1,4434368	83,1393307	7,6469E-20	5,564E-18	protein_coding
ENSMUSG00000007655	Cav1	caveolin 1, caveolae protein [Source:MGJ Symbol;Acc:MGJ:102709]	15,63788095	5,38844435	46,4896657	3,97337774	322,715392	3,71054E-72	3,13598E-69	protein_coding
ENSMUSG00000025804	Ccr1	chemokine (C-C motif) receptor 1 [Source:MGJ Symbol;Acc:MGJ:104618]	21,10954132	5,52979988	46,1993255	4,42093095	484,152721	2,6677E-107	7,3274E-104	protein_coding
ENSMUSG0000001281	Iitgb7	integrin beta 7 [Source:MGJ Symbol;Acc:MGJ:96616]	18,50262478	5,2730177	38,6666455	4,21429548	389,917751	8,62547E-87	1,57947E-83	protein_coding
ENSMUSG00000028583	Pdpr	podoplanin [Source:MGJ Symbol;Acc:MGJ:103098]	18,94297446	5,23039541	37,5410062	4,25458555	347,376899	1,57893E-77	1,73477E-74	protein_coding
ENSMUSG000000096951		Podoplanin [Source:UniProtKB/TrEMBL;Acc:A8Y5F6]	18,94297446	5,23038855	37,5408277	4,25458796	347,446799	1,52455E-77	1,73477E-74	protein_coding
ENSMUSG00000027315	Spint1	serine protease inhibitor, Kunitz type 1 [Source:MGJ Symbol;Acc:MGJ:1338033]	6,074542701	5,01593113	32,3553219	2,60890259	128,274506	9,77446E-30	1,78987E-27	protein_coding
ENSMUSG00000029819	Npy	neuropeptide Y [Source:MGJ Symbol;Acc:MGJ:97374]	31,78050909	4,80717685	27,9965441	4,99458787	350,670888	3,02722E-78	4,15751E-75	protein_coding
ENSMUSG000000051379	Fitr3	fibronectin leucine rich transmembrane protein 3 [Source:MGJ Symbol;Acc:MGJ:1918686]	6,716004208	4,61347282	24,4790017	2,76788845	150,970836	1,06356E-34	2,59674E-32	protein_coding
ENSMUSG000000027399	Il1a	interleukin 1 alpha [Source:MGJ Symbol;Acc:MGJ:96542]	6,078538089	4,3766692	20,7737418	2,63649758	129,677332	4,8211E-30	9,3598E-28	protein_coding
ENSMUSG000000053338	Tarm1	T cell-interacting, activating receptor on myeloid cells 1 [Source:MGJ Symbol;Acc:MGJ:2442280]	3,565705006	4,36852176	20,665469	1,8668365	87,6867325	6,68730E-21	6,38304E-19	protein_coding
ENSMUSG00000029379	Cxcl3	chemokine (C-X-C motif) ligand 3 [Source:MGJ Symbol;Acc:MGJ:3037818]	32,78140215	4,35173814	20,417554	5,05752802	503,639229	1,5352E-111	5,6223E-108	protein_coding
ENSMUSG00000028111	Ctsk	cathepsin K [Source:MGJ Symbol;Acc:MGJ:107823]	30,91543326	4,33428138	20,1719882	4,95145961	100,516982	1,17386E-23	1,25216E-21	protein_coding
ENSMUSG00000004105	Angptl2	angiopoietin-like 2 [Source:MGJ Symbol;Acc:MGJ:1347002]	38,02418501	4,3218223	19,9985334	5,25082965	119,745775	7,19103E-28	1,16188E-25	protein_coding
ENSMUSG00000030208	Emp1	epithelial membrane protein 1 [Source:MGJ Symbol;Acc:MGJ:107941]	125,4311247	4,29376953	19,6134243	6,97266152	312,484802	6,27963E-70	4,59926E-67	protein_coding
ENSMUSG00000033213	AA467197	expressed sequence AA467197 [Source:MGJ Symbol;Acc:MGJ:3034182]	2,108745164	4,26016689	19,1618757	1,13339309	61,0414341	5,58861E-15	2,2997E-13	protein_coding
ENSMUSG000000040026	Saa3	serum amyloid A 3 [Source:MGJ Symbol;Acc:MGJ:98223]	726,1513243	4,22604591	18,7139981	9,50521395	433,925372	2,27269E-96	4,99401E-93	protein_coding
ENSMUSG000000003882	Il7r	interleukin 7 receptor [Source:MGJ Symbol;Acc:MGJ:96562]	85,13069302	4,16546171	17,9443991	6,41241668	132,898281	9,51649E-31	2,01072E-28	protein_coding
ENSMUSG00000071174	Csf2rb2	colony stimulating factor 2 receptor, beta 2, low-affinity (granulocyte-macrophage) [Source:MGJ Symbol;Acc:MGJ:133976]	151,784956	4,15579024	17,8245066	7,2469988	293,726184	7,66782E-66	4,21232E-63	protein_coding
ENSMUSG00000061878	Sphk1	sphingosine kinase 1 [Source:MGJ Symbol;Acc:MGJ:1316649]	6,486873259	4,15316721	17,7921285	2,69969877	101,281795	7,97857E-24	8,59417E-22	protein_coding
ENSMUSG00000027068	Dhrs9	dehydrogenase/reductase (SDR family) member 9 [Source:MGJ Symbol;Acc:MGJ:2442798]	6,020706741	4,14786271	17,7268305	2,60398815	106,216031	6,61196E-25	8,16243E-23	protein_coding
ENSMUSG000000021403	Serp1nb9b	serine (or cysteine) peptidase inhibitor, clade B, member 9b [Source:MGJ Symbol;Acc:MGJ:894668]	31,74720454	4,14223656	17,657835	4,99311294	182,846733	1,15848E-41	4,10588E-39	protein_coding
ENSMUSG00000005800	Mmp8	matrix metalloproteinase 8 [Source:MGJ Symbol;Acc:MGJ:1202395]	65,80831607	4,10655541	17,2157294	6,0452183	334,384299	1,06635E-74	1,06509E-71	protein_coding
ENSMUSG00000001435	Col18a1	collagen, type XVIII, alpha 1 [Source:MGJ Symbol;Acc:MGJ:88451]	38,57225199	4,02175937	16,2431482	5,26991752	68,3724093	1,35358E-16	6,98207E-15	protein_coding
ENSMUSG000000032530	Lyx14	lysozyme-like 4 [Source:MGJ Symbol;Acc:MGJ:1916282]	2,170312386	4,01023106	16,1138694	1,13466923	54,277907	1,74048E-13	5,92773E-12	protein_coding
ENSMUSG00000026981	Il1rn	interleukin 1 receptor antagonist [Source:MGJ Symbol;Acc:MGJ:96547]	285,1757045	3,97468773	15,7217263	8,15661071	310,775016	1,48045E-69	9,56805E-67	protein_coding
ENSMUSG000000041324	Inhba	inhibin beta-A [Source:MGJ Symbol;Acc:MGJ:96570]	3,451797082	3,96554619	15,6224216	1,80408733	48,1408042	3,96685E-12	1,07881E-10	protein_coding
ENSMUSG00000062345	Serp1nb2	serine (or cysteine) peptidase inhibitor, clade B, member 2 [Source:MGJ Symbol;Acc:MGJ:97609]	8,302799823	3,95566324	15,5157684	3,11215121	117,330086	2,43055E-27	3,70896E-25	protein_coding
ENSMUSG000000027276	Jag1	jagged 1 [Source:MGJ Symbol;Acc:MGJ:1095416]	24,57152223	3,93958704	15,3483333	4,62269175	84,1160777	4,66561E-20	3,51103E-18	protein_coding
ENSMUSG000000027611	Procr	protein C receptor, endothelial [Source:MGJ Symbol;Acc:MGJ:104596]	80,33326123	3,93489744	15,2940378	6,32944949	172,734099	1,87085E-39	6,0456E-37	protein_coding
ENSMUSG00000034226	Rhov	ras homolog gene family, member V [Source:MGJ Symbol;Acc:MGJ:2444227]	7,144914353	3,83301108	14,2511958	2,83244247	74,9905134	4,72981E-18	2,7939E-16	protein_coding
ENSMUSG00000037406	Htra4	Htra serine peptidase 4 [Source:MGJ Symbol;Acc:MGJ:3036260]	2,51459752	3,79990541	13,9278958	1,34038594	52,9372242	3,44381E-13	1,09041E-11	protein_coding
ENSMUSG000000074604	Mgst2	microsomal glutathione S-transferase 2 [Source:MGJ Symbol;Acc:MGJ:2448481]	2,273277907	3,77574262	13,6965688	1,19073717	47,9116468	4,45865E-12	1,19773E-10	protein_coding
ENSMUSG000000029304	Spp1	secreted phosphoprotein 1 [Source:MGJ Symbol;Acc:MGJ:98389]	999,3238232	3,75941456	13,5424285	9,96487279	85,9272694	1,86677E-20	1,45462E-18	protein_coding
ENSMUSG00000071064	Zfp827	zinc finger protein 827 [Source:MGJ Symbol;Acc:MGJ:2444807]	2,888074892	3,71854692	13,1641906	1,56030583	56,067012	7,00225E-14	2,58665E-12	protein_coding
ENSMUSG00000021508	Cxcl14	chemokine (C-X-C motif) ligand 14 [Source:MGJ Symbol;Acc:MGJ:1888514]	1,731009265	3,69525159	12,9533342	0,79665362	43,8632314	3,52142E-11	8,35635E-10	protein_coding
ENSMUSG000000038059	2010002N04Rik	RIKEN cDNA 2010002N04 gene [Source:MGJ Symbol;Acc:MGJ:1917088]	10,85640086	3,63517203	12,4249835	3,45009383	162,008037	4,12034E-37	1,16077E-34	protein_coding
ENSMUSG000000028327	1300002K09Rik	RIKEN cDNA 1300002K09 gene [Source:MGJ Symbol;Acc:MGJ:1921402]	10,15069841	3,61785881	12,2767673	3,34920653	62,904251	2,17003E-15	9,69193E-14	protein_coding
ENSMUSG000000031444	F10	coagulation factor X [Source:MGJ Symbol;Acc:MGJ:103107]	6,367979468	3,61140298	12,2219534	2,70470014	120,024345	6,24891E-28	1,02473E-25	protein_coding
ENSMUSG000000003849	Nqo1	NAD(P)H dehydrogenase, quinone 1 [Source:MGJ Symbol;Acc:MGJ:103187]	47,79298872	3,60885497	12,2003867	5,58313938	267,482646	4,01388E-60	2,00457E-57	protein_coding
ENSMUSG000000049723	Mmp12	matrix metalloproteinase 12 [Source:MGJ Symbol;Acc:MGJ:97005]	541,4455138	3,5596592	11,791368	9,08080494	76,4426769	2,26699E-18	1,39147E-16	protein_coding
ENSMUSG000000074634	Gm7120	predicted gene 7120 [Source:MGJ Symbol;Acc:MGJ:3648543]	3,119222907	3,5560422	11,7582726	1,65630035	52,7331056	3,82096E-13	1,19945E-11	protein_coding
ENSMUSG000000047414	Flrt2	fibronectin leucine rich transmembrane protein 2 [Source:MGJ Symbol;Acc:MGJ:3603594]	26,35033824	3,55256898	11,7335602	4,72631304	151,696461	7,38188E-35	1,88616E-32	protein_coding
ENSMUSG00000045092	S1pr1	sphingosine-1-phosphate receptor 1 [Source:MGJ Symbol;Acc:MGJ:1096355]	15,76880043	3,54452246	11,6682998	3,98290239	103,69939	2,35646E-24	2,66705E-22	protein_coding
ENSMUSG000000030142	Clec4e	C-type lectin domain family 4, member e [Source:MGJ Symbol;Acc:MGJ:1861232]	122,9732319	3,54215574	11,6491739	6,95038428	508,522762	1,3293E-112	7,3025E-109	protein_coding
ENSMUSG00000026832	Cytip	cytohesin 1 interacting protein [Source:MGJ Symbol;Acc:MGJ:2183535]	5,578102351	3,48250725	11,1773575	2,48946438	77,9823729	1,03964E-18	6,7589E-17	protein_coding
ENSMUSG00000045636	Mtus1	mitochondrial tumor suppressor 1 [Source:MGJ Symbol;Acc:MGJ:2142572]	2,954999524	3,47513395	11,1203782	1,57896284	62,0937449	3,2749E-15	1,42111E-13	protein_coding
ENSMUSG000000090145	Ugt1a6b	UDP glucuronosyltransferase 1 family, polypeptide A6B [Source:MGJ Symbol;Acc:MGJ:3580629]	10,93774141	3,46108036	11,0125782	3,46254161	104,667698	1,44437E-24	1,68822E-22	protein_coding
ENSMUSG000000050860	Phospho1	phosphatase, orphan 1 [Source:MGJ Symbol;Acc:MGJ:2447348]	11,61462687	3,45844196	10,9924568	3,53871831	108,309093	2,29873E-25	3,00669E-23	protein_coding
ENSMUSG000000070942	Il1rl2	interleukin 1 receptor-like 2 [Source:MGJ Symbol;Acc:MGJ:1913107]	2,261186855	3,43458286	10,81216	1,19266426	43,9308051	3,40192E-11	8,10594E-10	protein_coding
ENSMUSG000000037759	Ptger2	prostaglandin E receptor 2 (subtype EP2) [Source:MGJ Symbol;Acc:MGJ:97794]	10,09530626	3,42769577	10,7606663	3,36660947	162,288564	3,57805E-37	1,03453E-34	protein_coding
ENSMUSG000000034220	Gpc1	glypican 1 [Source:MGJ Symbol;Acc:MGJ:1194891]	20,80965916	3,40220425	10,5722039	4,38325809	103,38017	2,7663E-24	3,07003E-22	protein_coding
ENSMUSG000000050578	Mmp13	matrix metalloproteinase 13 [Source:MGJ Symbol;Acc:MGJ:1340026]	65,32048684	3,39707735	10,5347002	6,03193008	158,188833	2,81436E-36	7,54181E-34	protein_coding
ENSMUSG000000040562	Gstm2	glutathione S-transferase, mu 2 [Source:MGJ Symbol;Acc:MGJ:95861]	4,680217607	3,38979498	10,4816576					

ENSMUSG00000050335	Lgals3	lectin, galactose binding, soluble 3 [Source:MGI Symbol;Acc:MGI:967778]	1417,037389	3,38348777	10,4359336	10,4686983	86,890081	1,14723E-20	9,1338E-19	protein_coding
ENSMUSG00000030342	Cd9	CD9 antigen [Source:MGI Symbol;Acc:MGI:88348]	118,9544418	3,38123251	10,4196327	6,89538037	152,707791	4,43747E-35	1,16082E-32	protein_coding
ENSMUSG00000059412	Fxyd2	FXD domain-containing ion transport regulator 2 [Source:MGI Symbol;Acc:MGI:1195260]	23,74713166	3,37266259	10,3579212	4,57087535	244,429018	4,256116E-55	1,8705E-52	protein_coding
ENSMUSG00000029816	Gpnm6	glycoprotein (transmembrane) nmb [Source:MGI Symbol;Acc:MGI:1934765]	3903,546345	3,376078	10,3451166	11,9305821	60,2505036	8,35215E-15	3,37371E-13	protein_coding
ENSMUSG00000045312	Lhfp12	lipoma HMGIC fusion partner-like 2 [Source:MGI Symbol;Acc:MGI:2145236]	163,154242	3,35067012	10,2012223	7,3505658	133,699089	6,35678E-31	1,36964E-28	protein_coding
ENSMUSG00000023349	Clec4n	C-type lectin domain family 4, member n [Source:MGI Symbol;Acc:MGI:1861231]	35,29995447	3,33053149	10,0598124	5,158963	311,820145	8,7644E-70	6,0184E-67	protein_coding
ENSMUSG00000045382	Cxcr4	chemokine (C-X-C motif) receptor 4 [Source:MGI Symbol;Acc:MGI:109563]	33,49674366	3,29999648	9,84913131	5,06781758	92,1613553	7,98897E-22	7,43854E-20	protein_coding
ENSMUSG00000038729	Akap2	A kinase (PRKA) anchor protein 2 [Source:MGI Symbol;Acc:MGI:1306795]	7,62468513	3,29382242	9,80707169	2,93497781	22,3133425	2,31592E-06	2,32374E-05	protein_coding
ENSMUSG00000037994	Nhed2	Na+/H+ exchanger domain containing 2 [Source:MGI Symbol;Acc:MGI:2140077]	4,813367023	3,28202979	9,72722286	2,28158799	72,0751683	2,07154E-17	1,1495E-15	protein_coding
ENSMUSG00000072941	Sod3	superoxide dismutase 3, extracellular [Source:MGI Symbol;Acc:MGI:103181]	2,860598695	3,2164524	9,2949841	1,53999686	25,2700795	4,9838E-07	5,71576E-06	protein_coding
ENSMUSG00000028341	Nr4a3	nuclear receptor subfamily 4, group A, member 3 [Source:MGI Symbol;Acc:MGI:1352457]	13,06451201	3,20963651	9,25117431	3,72778622	169,939597	7,62709E-39	3,2775E-36	protein_coding
ENSMUSG00000030657	Xylt1	xylonyltransferase 1 [Source:MGI Symbol;Acc:MGI:2451073]	3,544831942	3,19565264	9,161937	1,84720632	54,0589458	1,94564E-13	6,21495E-12	protein_coding
ENSMUSG00000015094	Npdc1	neural proliferation, differentiation and control gene 1 [Source:MGI Symbol;Acc:MGI:1099802]	4,023096384	3,17405692	9,02581319	2,01075786	21,4158726	3,69698E-06	5,56619E-05	protein_coding
ENSMUSG00000028238	Atp6v0d2	ATPase, H+ transporting, lysosomal V0 subunit D2 [Source:MGI Symbol;Acc:MGI:1924415]	49,12694519	3,16255001	8,95410979	5,61986427	88,1153343	6,17471E-21	5,30012E-19	protein_coding
ENSMUSG00000014599	Csf1	colony stimulating factor 1 (macrophage) [Source:MGI Symbol;Acc:MGI:1339753]	31,29511396	3,16204194	8,95095699	4,97111589	46,441294	9,44049E-12	2,4348E-10	protein_coding
ENSMUSG00000025856	Pdgfra	platelet derived growth factor, alpha [Source:MGI Symbol;Acc:MGI:97527]	10,11056327	3,15467949	8,90539429	3,3427683	99,3791383	2,08507E-23	2,20276E-21	protein_coding
ENSMUSG00000054543	Ugt1a6a	UDP glucuronosyltransferase 1 family, polypeptide A6A [Source:MGI Symbol;Acc:MGI:2137698]	18,68304191	3,14954638	8,87376519	4,2314369	128,79189	7,53153E-30	1,40252E-27	protein_coding
ENSMUSG00000026822	Lcn2	lipocalin 2 [Source:MGI Symbol;Acc:MGI:96757]	18,65933809	3,11397955	8,65767442	4,26967061	185,377659	3,24603E-42	1,1888E-39	protein_coding
ENSMUSG00000064080	Fbln2	fibulin 2 [Source:MGI Symbol;Acc:MGI:95488]	4,397877747	3,11222182	8,64713267	2,15683102	21,8550016	2,94049E-06	2,88973E-05	protein_coding
ENSMUSG00000019256	Ahr	aryl-hydrocarbon receptor [Source:MGI Symbol;Acc:MGI:105043]	7,378515153	3,10942474	8,5237462	2,90791326	97,2587859	6,80835E-23	6,1319E-21	protein_coding
ENSMUSG00000020399	Havcr2	hepatitis A virus cellular receptor 2 [Source:MGI Symbol;Acc:MGI:2159682]	10,51627942	3,07867195	8,44836375	3,39781247	108,066753	2,59876E-25	3,20070E-23	protein_coding
ENSMUSG00000021477	Ctsl	cathepsin L [Source:MGI Symbol;Acc:MGI:88564]	1548,358992	3,07007023	8,40183954	10,596579	102,367593	4,61185E-24	5,01687E-22	protein_coding
ENSMUSG00000047415	Gpr68	G protein-coupled receptor 68 [Source:MGI Symbol;Acc:MGI:2441763]	5,562629747	3,06338096	8,35929319	2,47746567	77,9370348	1,06378E-18	6,87515E-17	protein_coding
ENSMUSG00000031530	Dusp4	dual specificity phosphatase 4 [Source:MGI Symbol;Acc:MGI:2442191]	38,57088817	3,05813662	8,32891651	5,27108109	62,385728	2,82362E-15	1,24591E-13	protein_coding
ENSMUSG00000046223	Plaur	plasminogen activator, urokinase receptor [Source:MGI Symbol;Acc:MGI:97612]	26,05651385	3,05788439	8,32750541	4,70632718	135,780462	2,22857E-31	4,89070E-29	protein_coding
ENSMUSG00000050390	C77080	expressed sequence C77080 [Source:MGI Symbol;Acc:MGI:2140651]	30,41720238	3,05644365	8,31919339	4,9262876	73,093633	1,23643E-17	7,00239E-16	protein_coding
ENSMUSG00000029762	Akr1b8	aldo-keto reductase family 1, member B8 [Source:MGI Symbol;Acc:MGI:107673]	53,13673239	3,05364371	8,30306335	5,73423972	89,590343	2,92951E-21	2,63824E-19	protein_coding
ENSMUSG00000032561	Acpp	acid phosphatase, prostatic [Source:MGI Symbol;Acc:MGI:1928480]	17,64708722	3,05305402	8,29967028	4,15147298	128,816316	7,43941E-30	1,10252E-27	protein_coding
ENSMUSG00000025934	Gsta3	glutathione S-transferase, alpha 3 [Source:MGI Symbol;Acc:MGI:95856]	14,51075494	3,04872535	8,27480523	3,86560415	53,5503077	2,52055E-13	8,19328E-12	protein_coding
ENSMUSG00000010461	Eya4	eyes absent 4 homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:1337104]	8,655133746	3,04850453	8,27353875	3,12146786	68,5874891	1,21372E-16	6,29014E-15	protein_coding
ENSMUSG00000021822	Plau	plasminogen activator, urokinase [Source:MGI Symbol;Acc:MGI:97611]	65,75156569	3,03704411	8,2080761	6,04034236	84,0386839	4,85188E-20	3,62636E-18	protein_coding
ENSMUSG00000079227	Ccr5	chemokine (C-C motif) receptor 5 [Source:MGI Symbol;Acc:MGI:107182]	23,91624581	3,03658122	8,20544296	4,60958606	253,429071	4,64399E-57	2,12598E-54	protein_coding
ENSMUSG00000030109	Slc6a12	solute carrier family 6 (neurotransmitter transporter, betaine/GABA), member 12 [Source:MGI Symbol;Acc:MGI:95628]	60,19991221	3,03592462	8,20170935	5,91572887	378,566685	2,55281E-84	4,00681E-81	protein_coding
ENSMUSG00000063506	Arhgap22	Rho GTPase activating protein 22 [Source:MGI Symbol;Acc:MGI:2443418]	16,37112505	3,03139732	8,17601204	4,03721882	127,853694	1,2083E-29	2,14122E-27	protein_coding
ENSMUSG00000027737	Slc7a11	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11 [Source:MGI Symbol;Acc:MGI:1347355]	121,6362898	3,02984973	8,16724625	6,92901682	171,737164	3,08861E-39	9,6956E-37	protein_coding
ENSMUSG00000026463	Atp2b4	ATPase, Ca++ transporting, plasma membrane 4 [Source:MGI Symbol;Acc:MGI:88111]	4,678952054	3,01000449	8,05566949	2,24513237	48,9076063	2,68308E-12	7,57816E-11	protein_coding
ENSMUSG00000018500	Adora2b	adenosine A2b receptor [Source:MGI Symbol;Acc:MGI:99403]	2,712094921	3,00251053	8,01393343	1,47666178	40,0051797	2,5329E-10	5,33123E-09	protein_coding
ENSMUSG00000023992	Trem2	triggering receptor expressed on myeloid cells 2 [Source:MGI Symbol;Acc:MGI:1913150]	153,9850446	3,00079031	8,00438364	7,266862	52,9899898	3,35253E-13	1,06766E-11	protein_coding
ENSMUSG00000020689	Iitg3	integrin beta 3 [Source:MGI Symbol;Acc:MGI:96612]	7,466099955	2,99449588	7,96953685	2,9013282	29,3869812	5,92745E-08	8,22284E-07	protein_coding
ENSMUSG00000023232	Serinc2	serine incorporator 2 [Source:MGI Symbol;Acc:MGI:1919132]	3,906476371	2,98903553	7,93943054	1,97393488	39,2437252	3,74069E-10	7,6392E-09	protein_coding
ENSMUSG00000025636	Rai14	retinoic acid induced 14 [Source:MGI Symbol;Acc:MGI:1922896]	16,56326466	2,98235188	7,90273416	4,05949714	105,472191	9,62391E-25	1,14932E-22	protein_coding
ENSMUSG00000029189	Sei113	sei-1 suppressor of lin-12-like 3 (C. elegans) [Source:MGI Symbol;Acc:MGI:1916941]	10,05425058	2,95690494	7,7645641	3,33822025	97,8827931	4,43894E-23	4,55801E-21	protein_coding
ENSMUSG00000027765	P2ry1	purinergic receptor P2Y, G-protein coupled 1 [Source:MGI Symbol;Acc:MGI:105049]	4,292988562	2,95313541	7,74430303	2,10847694	48,381525	3,086E-12	9,66141E-11	protein_coding
ENSMUSG00000017417	Pplxdc1	plexin domain containing 1 [Source:MGI Symbol;Acc:MGI:1919574]	9,070485307	2,93869893	7,66719529	3,18594719	49,5155122	1,96890E-12	5,66059E-11	protein_coding
ENSMUSG00000029207	Apbb2	amyloid beta (A4) precursor protein-binding, family B, member 2 [Source:MGI Symbol;Acc:MGI:108405]	17,07157623	2,92818547	7,61152468	4,0970387	75,7732422	3,18184E-18	1,91109E-16	protein_coding
ENSMUSG00000021338	Lrrc16a	leucine rich repeat containing 16A [Source:MGI Symbol;Acc:MGI:1915982]	7,448945074	2,92581001	7,59900227	2,89947384	61,8914309	3,62925E-15	1,55244E-13	protein_coding
ENSMUSG00000071713	Csf2rb	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage) [Source:MGI Symbol;Acc:MGI:1339759]	321,064739	2,89710278	7,44928922	8,32746672	229,134945	9,20446E-52	3,88959E-49	protein_coding
ENSMUSG00000051029	Serpinb1b	serine (or cysteine) peptidase inhibitor, clade B, member 1b [Source:MGI Symbol;Acc:MGI:2445361]	2,250176769	2,88004277	7,36171945	1,18413032	41,0183006	1,5081E-10	3,25531E-09	protein_coding
ENSMUSG00000049866	Ari4c	ADP-ribosylation factor-like 4C [Source:MGI Symbol;Acc:MGI:2445172]	102,0653735	2,87594462	7,34083725	6,6752663	268,716807	2,16052E-60	1,13041E-57	protein_coding
ENSMUSG00000035448	Ccr3	chemokine (C-C motif) receptor 3 [Source:MGI Symbol;Acc:MGI:104616]	16,61635373	2,87165623	7,31904913	4,0759344	132,324842	1,27058E-30	2,63393E-28	protein_coding
ENSMUSG00000017002	Slpi	secretory leukocyte peptidase inhibitor [Source:MGI Symbol;Acc:MGI:109297]	9,968839853	2,86874193	7,30427928	3,34332979	82,8838304	8,70201E-20	6,93070E-18	protein_coding
ENSMUSG00000037868	Egr2	early growth response 2 [Source:MGI Symbol;Acc:MGI:95296]	25,30721469	2,87078937	7,19547224	4,67111096	205,258221	1,48745E-46	5,63539E-44	protein_coding
ENSMUSG00000040152	Thbs1	thrombospondin 1 [Source:MGI Symbol;Acc:MGI:98737]	82,33471559	2,83149687	7,11812303	6,36714796	52,6673226	3,95111E-13	1,23326E-11	protein_coding
ENSMUSG00000025473	Adam8	a disintegrin and metallopeptidase domain 8 [Source:MGI Symbol;Acc:MGI:107825]	482,1253432	2,82658435	7,09392632	8,91341762	70,6597385	4,24667E-17	2,26389E-15	protein_coding
ENSMUSG00000025044	Msr1	macrophage scavenger receptor 1 [Source:MGI Symbol;Acc:MGI:98257]	235,3618343	2,82646088	7,09331925	7,8797973	97,9725889	4,24214E-23	4,39702E-21	protein_coding
ENSMUSG00000023913	Pla2g7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) [Source:MGI Symbol;Acc:MGI:1351327]	362,8218056	2,82292521	7,07960957	8,5038442	137,55959	9,09719E-32	2,03981E-29	protein_coding
ENSMUSG00000039043	2610034B18Rik	RIKEN cDNA 2610034B18 gene [Source:MGI Symbol;Acc:MGI:1917670]	8,302059388	2,81767395	7,05024772	3,07068891	57,2220882	3,89275E-14	1,43042E-12	protein_coding
ENSMUSG00000075014	Gm10800	predicted gene 10800 [Source:MGI Symbol;Acc:MGI:3641657]	9,390888642	2,81606872	7,04240753	3,24495722	52,2183949	4,96588E-13	1,5369E-11	protein_coding
ENSMUSG00000030710	St8sia4	ST8 alpha-N-acetyl-neuraminidase alpha-2,8-sialyltransferase 4 [Source:MGI Symbol;Acc:MGI:106018]	10,08400288	2,81506428	7,03750614	3,34676052	95,8190995	1,25824E-22	1,24543E-20	protein_coding
ENSMUSG000000347613	Tnfrsf23	tumor necrosis factor receptor superfamily, member 23 [Source:MGI Symbol;Acc:MGI:1930269]	12,52783469	2,80947203	7,01027983	3,65791933	87,6967649	7,25919E-21	6,38304E-19	protein_coding
ENSMUSG00000031209	Heph	hephaestin [Source:MGI Symbol;Acc:MGI:1332240]	1,757072512	2,80589205	6,99290572	0,85182816	23,221688	1,4436E-06	1,512E-05	protein_coding
ENSMUSG00000056054	S100a8	S100 calcium binding protein A8 (calgranulin A) [Source:MGI Symbol;Acc:MGI:88244]	3,712649527	2,79976224	6,96325687	1,90867715	55,010218	1,19905E-13	4,06603E-12	protein_coding
ENSMUSG00000028364	Tnc	tenascin C [Source:MGI Symbol;Acc:MGI:101922]	4,862212215	2,79864263	6,9					

ENSMUSG00000053965	Pde5a	phosphodiesterase 5A, cGMP-specific [Source:MGI Symbol;Acc:MGI:2651499]	Sheet1	1,465903725	2,71598729	6,57042772	0,59266165	24,7644409	6,47816E-07	7,27766E-06	protein_coding
ENSMUSG00000028517	Ppap2b	phosphatidic acid phosphatase type 2B [Source:MGI Symbol;Acc:MGI:1915166]		9,140322901	2,70212415	6,50759358	3,20051868	42,0005648	9,12471E-11	2,03767E-09	protein_coding
ENSMUSG00000030103	Bhlhe4b	basic helix-loop-helix family, member e40 [Source:MGI Symbol;Acc:MGI:1097714]		21,63436461	2,69805316	6,48925635	4,44129428	130,127719	3,84242E-30	7,67575E-28	protein_coding
ENSMUSG00000050777	Tmem37	transmembrane protein 37 [Source:MGI Symbol;Acc:MGI:2157899]		7,581972893	2,69778263	6,48803962	2,93499528	73,2547636	1,1395E-17	6,48687E-16	protein_coding
ENSMUSG00000058624	Gda	guanine deaminase [Source:MGI Symbol;Acc:MGI:95678]		6,059555515	2,68423203	6,42738562	2,62949078	59,6112755	1,15571E-14	4,53493E-13	protein_coding
ENSMUSG00000032487	Ptgs2	prostaglandin-endoperoxide synthase 2 [Source:MGI Symbol;Acc:MGI:97798]		42,08504508	2,67136593	6,37032038	5,41803814	300,349782	2,76418E-67	1,63722E-64	protein_coding
ENSMUSG00000079293	Clec7a	C-type lectin domain family 7, member a [Source:MGI Symbol;Acc:MGI:1861431]		33,32844724	2,65672296	6,30599036	5,06290534	140,514699	2,05429E-32	4,70219E-30	ymorphic_pseudoge
ENSMUSG00000012500	Fos	FBJ osteosarcoma oncogene [Source:MGI Symbol;Acc:MGI:95574]		56,82152689	2,65388107	6,29358072	5,83095813	65,131327	7,00693E-16	3,36179E-14	protein_coding
ENSMUSG00000049422	Chchd10	coiled-coil-helix-coiled-coil-helix domain containing 10 [Source:MGI Symbol;Acc:MGI:2143558]		7,355813881	2,64670976	6,26237444	2,88658554	42,3328857	7,69871E-11	1,74404E-09	protein_coding
ENSMUSG00000009185	Ccl8	chemokine (C-C motif) ligand 8 [Source:MGI Symbol;Acc:MGI:101878]		4,839440896	2,637364	6,22193719	2,30646795	61,8044672	3,79313E-15	1,61531E-13	protein_coding
ENSMUSG00000045362	Tnfrsf26	tumor necrosis factor receptor superfamily, member 26 [Source:MGI Symbol;Acc:MGI:2651928]		23,1548043	2,61956376	6,14564275	4,54057403	90,7227298	1,65284E-21	1,51331E-19	protein_coding
ENSMUSG00000037224	Zfyve28	zinc finger, FYVE domain containing 28 [Source:MGI Symbol;Acc:MGI:2684992]		7,523582298	2,61351313	6,11992143	2,91541169	42,4771711	7,1512E-11	1,63348E-09	protein_coding
ENSMUSG00000042190	Cmk1r1	chemokine-like receptor 1 [Source:MGI Symbol;Acc:MGI:109603]		21,17788911	2,60584926	6,08749745	4,41702557	151,106139	9,9355E-35	2,48094E-32	protein_coding
ENSMUSG00000023905	Tnfrsf12a	tumor necrosis factor receptor superfamily, member 12a [Source:MGI Symbol;Acc:MGI:1351484]		3,600161945	2,60081309	6,06628421	1,86378312	23,5433721	1,22129E-06	1,9521E-05	protein_coding
ENSMUSG0000001025	S100a6	S100 calcium binding protein A6 (calcylin) [Source:MGI Symbol;Acc:MGI:1339467]		53,85271274	2,59174044	6,02825497	5,7524923	90,30429	2,04209E-21	1,85425E-19	protein_coding
ENSMUSG00000006251	Fabp4	fatty acid binding protein 4, adipocyte [Source:MGI Symbol;Acc:MGI:88038]		10,37713854	2,58280128	5,99101847	3,38551155	54,831398	1,31326E-13	4,41247E-12	protein_coding
ENSMUSG00000034612	Chst11	carbohydrate sulfotransferase 11 [Source:MGI Symbol;Acc:MGI:1927166]		10,66213585	2,57304092	5,95062384	3,42182243	107,522168	3,42058E-25	4,31976E-23	protein_coding
ENSMUSG00000010200	S100a4	S100 calcium binding protein A4 [Source:MGI Symbol;Acc:MGI:1330282]		85,02744293	2,57018106	5,93883956	6,41042824	113,961051	1,32893E-26	1,9468E-24	protein_coding
ENSMUSG00000097312				4,569929167	2,54652497	5,84225355	2,21745554	47,5811911	5,27724E-12	1,40731E-10	lincRNA
ENSMUSG00000028494	Plin2	perilipin 2 [Source:MGI Symbol;Acc:MGI:87920]		594,7453472	2,54007154	5,81617848	9,21628708	56,3103385	6,18892E-14	2,22714E-12	protein_coding
ENSMUSG00000030605	Mgef8	milk fat globule-EGF factor 8 protein [Source:MGI Symbol;Acc:MGI:102768]		59,12977126	2,53102005	5,77980199	5,88611039	37,6150503	8,6177E-10	1,64665E-08	protein_coding
ENSMUSG00000026358	Rgs1	regulator of G-protein signaling 1 [Source:MGI Symbol;Acc:MGI:1354694]		51,72872123	2,53021226	5,77656666	5,69559749	94,2301661	2,80887E-22	2,73107E-20	protein_coding
ENSMUSG00000024087	Cyp1b1	cytochrome P450, family 1, subfamily b, polypeptide 1 [Source:MGI Symbol;Acc:MGI:88590]		9,536125123	2,52427737	5,75285207	3,2676218	29,6976923	5,04949E-08	7,08702E-07	protein_coding
ENSMUSG00000028542	Slc6a9	solute carrier family 6 (neurotransmitter transporter, glycine), member 9 [Source:MGI Symbol;Acc:MGI:95760]		5,68609804	2,52246122	5,74561459	2,51582386	64,1259214	1,16716E-15	5,43371E-14	protein_coding
ENSMUSG00000023034	Nra4a1	nucleic receptor subfamily 4, group A, member 1 [Source:MGI Symbol;Acc:MGI:1352454]		9,806626045	2,51927411	5,73293569	3,30319868	82,5912364	1,00930E-19	7,19887E-18	protein_coding
ENSMUSG00000076441	Ass1	argininosuccinate synthetase 1 [Source:MGI Symbol;Acc:MGI:88090]		43,49543647	2,51661027	5,72236004	5,44622894	65,1158684	7,06211E-16	3,36194E-14	protein_coding
ENSMUSG00000060550	H2-Q7	histocompatibility 2, Q region locus 7 [Source:MGI Symbol;Acc:MGI:95936]		24,49624001	2,50713312	5,68489269	4,61987629	208,007997	3,73658E-47	1,46621E-44	protein_coding
ENSMUSG00000039911	Spzb1	spiA/ryanodine receptor domain and SOCS box containing 1 [Source:MGI Symbol;Acc:MGI:1921896]		2,230571499	2,50770779	5,6846751	1,17395217	22,7432599	1,85153E-06	1,90475E-05	protein_coding
ENSMUSG00000022636	Alcam	activated leukocyte cell adhesion molecule [Source:MGI Symbol;Acc:MGI:1313266]		82,3041186	2,50301147	5,66867464	6,36443321	85,2252615	2,66602E-20	2,03414E-18	protein_coding
ENSMUSG00000029108	Pcdh7	protocadherin 7 [Source:MGI Symbol;Acc:MGI:186047]		24,46243419	2,49524474	5,63823942	4,61673674	97,0419809	6,78729E-23	6,79727E-21	protein_coding
ENSMUSG00000027171	Prrg4	proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane) [Source:MGI Symbol;Acc:MGI:2442211]		3,676565079	2,49337792	5,63094835	1,89574948	31,9769026	1,56017E-08	2,40078E-07	protein_coding
ENSMUSG00000032725	Folr2	folate receptor 2 (fetal) [Source:MGI Symbol;Acc:MGI:95569]		64,17780759	2,49277731	5,62860641	6,00575613	80,6937319	2,63557E-19	1,83272E-17	protein_coding
ENSMUSG00000070323	Mmp27	matrix metalloproteinase 27 [Source:MGI Symbol;Acc:MGI:3039232]		19,02523755	2,47623895	5,56367809	4,26017953	131,800611	1,65427E-30	3,36584E-28	protein_coding
ENSMUSG00000019970	Sgk1	serum/glucocorticoid regulated kinase 1 [Source:MGI Symbol;Acc:MGI:1340062]		86,03368469	2,46900594	5,50562344	6,42803048	117,782406	1,93492E-27	2,99422E-25	protein_coding
ENSMUSG00000032322	Cgn11	cingulin-like 1 [Source:MGI Symbol;Acc:MGI:1915428]		21,71436346	2,45253366	5,47376563	4,44331245	40,7121542	1,76387E-10	3,78508E-09	protein_coding
ENSMUSG00000031565	Fgfr1	fibroblast growth factor receptor 1 [Source:MGI Symbol;Acc:MGI:95522]		6,288504374	2,45191056	5,47140199	2,65200722	25,3144851	4,87038E-07	5,19152E-06	protein_coding
ENSMUSG00000019122	Ccl9	chemokine (C-C motif) ligand 9 [Source:MGI Symbol;Acc:MGI:104533]		289,6960125	2,44666175	5,45153214	8,17954359	146,387929	1,06791E-33	2,50668E-31	protein_coding
ENSMUSG00000024912	Fos11	fos-like antigen 1 [Source:MGI Symbol;Acc:MGI:107179]		2,212899991	2,44459654	5,44373387	1,16356953	27,1690234	1,86427E-06	2,29878E-06	protein_coding
ENSMUSG00000031520	Vegfc	vascular endothelial growth factor C [Source:MGI Symbol;Acc:MGI:109124]		3,410340408	2,43702643	5,41524432	1,79233341	33,2993405	7,90094E-09	1,27284E-07	protein_coding
ENSMUSG00000028064	Sema4a	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4		28,87845227	2,43069054	5,39121161	4,85899366	169,608538	9,90087E-39	2,67512E-36	protein_coding
ENSMUSG00000034471	Caskin2	CASK-interacting protein 2 [Source:MGI Symbol;Acc:MGI:2157062]		6,651956545	2,42907335	5,38547463	2,74375081	46,4309685	4,40379E-12	2,44194E-10	protein_coding
ENSMUSG00000043822	Adamts15	ADAMTS-like 5 [Source:MGI Symbol;Acc:MGI:1913798]		22,02719701	2,42718354	5,37842417	4,46221867	88,7502843	4,47933E-21	3,9689E-19	protein_coding
ENSMUSG00000022408	Fam83f	family with sequence similarity 83, member F [Source:MGI Symbol;Acc:MGI:2146227]		5,760920692	2,42478607	5,36949373	2,53115665	56,127587	6,79177E-14	2,39171E-12	protein_coding
ENSMUSG00000092534	Gm20418	predicted gene 20418 [Source:MGI Symbol;Acc:MGI:5141883]		4,903893915	2,4230202	5,36292547	2,32191285	22,9138558	1,69426E-06	1,75446E-05	protein_coding
ENSMUSG00000029082	Bst1	bone marrow stromal cell antigen 1 [Source:MGI Symbol;Acc:MGI:105370]		15,3933369	2,41920307	5,3480875	3,96288224	108,510056	2,07793E-25	2,75063E-23	protein_coding
ENSMUSG00000011148	Adssl1	adenylosuccinate synthetase like 1 [Source:MGI Symbol;Acc:MGI:87947]		22,01101377	2,40878398	5,31026546	4,46141128	107,191681	4,0413E-25	5,04565E-23	protein_coding
ENSMUSG00000031355	Arhgap6	Rho GTPase activating protein 6 [Source:MGI Symbol;Acc:MGI:1196332]		6,047353002	2,40806224	5,30760952	2,60714301	52,6791831	3,92732E-13	1,22933E-11	protein_coding
ENSMUSG00000042842	Serpinb6b	serine (or cysteine) peptidase inhibitor, clade B, member 6b [Source:MGI Symbol;Acc:MGI:894688]		9,641124829	2,4060028	5,30003836	3,28011456	63,1167876	1,94807E-15	8,80799E-14	protein_coding
ENSMUSG00000036362	P2ry13	purinergic receptor P2Y, G-protein coupled 13 [Source:MGI Symbol;Acc:MGI:1921441]		1,845784039	2,40322803	5,28985445	0,90982873	26,624843	2,47047E-07	2,96603E-06	protein_coding
ENSMUSG00000024659	Anxa1	annexin A1 [Source:MGI Symbol;Acc:MGI:96819]		440,9442673	2,39830558	5,27183634	8,78464906	79,6702709	4,42408E-19	3,01997E-17	protein_coding
ENSMUSG00000031146	Pip2	proteolipid protein 2 [Source:MGI Symbol;Acc:MGI:1298382]		75,64024748	2,39109998	5,24557156	6,2429848	92,11024	8,19801E-22	7,56903E-20	protein_coding
ENSMUSG00000021614	Vcan	versican [Source:MGI Symbol;Acc:MGI:102889]		6,697141547	2,36214423	5,14133932	2,77466616	39,3302101	3,57862E-10	7,3492E-09	protein_coding
ENSMUSG00000043939	A530064D06Rik	RIKEN cDNA A530064D06 gene [Source:MGI Symbol;Acc:MGI:2443476]		15,60499668	2,35657251	5,12152165	3,97632583	54,1239178	1,88236E-13	6,22936E-12	protein_coding
ENSMUSG00000026271	Gpr35	G protein-coupled receptor 35 [Source:MGI Symbol;Acc:MGI:1929509]		1,661916998	2,33895059	5,05934449	0,74507431	23,7840364	1,07737E-06	1,16202E-05	protein_coding
ENSMUSG00000004267	Eno2	enolase 2, gamma neuronal [Source:MGI Symbol;Acc:MGI:95394]		7,635576894	2,32852548	5,02291717	2,94709062	57,709651	3,03809E-14	1,12421E-12	protein_coding
ENSMUSG00000028019	Pdgfr	platelet-derived growth factor, C polypeptide [Source:MGI Symbol;Acc:MGI:1859631]		10,09167114	2,32513374	5,01122229	3,34656319	47,3676702	5,88453E-12	1,56167E-10	protein_coding
ENSMUSG00000028121	Bcar3	breast cancer anti-estrogen resistance 3 [Source:MGI Symbol;Acc:MGI:1352501]		6,918009367	2,32084866	4,99626035	2,80122094	47,0800288	6,81465E-12	1,79551E-10	protein_coding
ENSMUSG00000026012	Cd28	CD28 antigen [Source:MGI Symbol;Acc:MGI:88327]		17,45689663	2,32036641	4,99459053	4,12684603	105,83819	8,00087E-25	9,76728E-23	protein_coding
ENSMUSG00000026796	Fam129b	family with sequence similarity 129, member B [Source:MGI Symbol;Acc:MGI:2442910]		327,1522362	2,31204413	4,96586186	8,35400818	87,6493807	7,8149E-21	6,4074E-19	protein_coding
ENSMUSG00000030144	Clec4d	C-type lectin domain family 4, member d [Source:MGI Symbol;Acc:MGI:1298389]		306,1582303	2,29946596	4,9275505	8,25891845	76,7530375	1,21629E-16	2,16292E-16	protein_coding
ENSMUSG00000069833	Ahnak	AHNAK nucleoprotein (desmoyokin) [Source:MGI Symbol;Acc:MGI:1316648]		557,4277867	2,29025626	4,89142988	9,12296641	103,502389	2,6008E-24	2,91582E-22	protein_coding
ENSMUSG00000019929	Dcn	decorin [Source:MGI Symbol;Acc:MGI:94872]		4,214026072	2,28276964	4,8661124	2,10264022	36,6803014	1,39179E-09	2,5657E-08	protein_coding
ENSMUSG00000038776	Ephx1	epoxide hydrolase 1, microsomal [Source:MGI Symbol;Acc:MGI:95405]		20,23944243	2,27843464	4,85151265	4,34574159	64,7040759	8,70346E-19	4,12177E-14	protein_coding
ENSMUSG00000090307	1700071M16Rik	RIKEN cDNA 1700071M16 gene [Source:MGI Symbol;Acc:MGI:1920754]		4,32374868	2,27722395	4,84912334	2,13886282	35,4287588	2,64552E-09	4,62839E-08	antisense
ENSMUSG00000031438	Rnf128	ring finger protein 128 [Source:MGI Symbol;Acc:MGI:1914139]		150,3794259	2,27425813	4,83748817	7,2331836	61,1684669	5,2394E-15	2,17228E-13	protein_coding
ENSMUSG00000035473	Galm	galactose mutarotase [Source:MGI Symbol;Acc:MGI:2442420]		11,10628145	2,26714127	4,81368346	3,48529503	55,4671938	9,50318E-14	3,29374E-12	protein_coding
ENSMUSG00000078486											

ENSMUSG000000031266	Gla	galactosidase, alpha [Source:MGJ Symbol;Acc:MGJ:1347344]	Sheet1	133,5161877	2,2352944	4,70858769	7,06183623	83,3390964	6,9119E-20	5,09671E-18	protein_coding
ENSMUSG00000025372	Baiap2	brain-specific angiogenesis inhibitor 1-associated protein 2 [Source:MGJ Symbol;Acc:MGJ:2137336]		27,77605844	2,2297771	4,69061504	4,7968476	97,2934368	5,97781E-23	6,08132E-21	protein_coding
ENSMUSG00000023951	Vegfa	vascular endothelial growth factor A [Source:MGJ Symbol;Acc:MGJ:103178]		30,6366616	2,22518543	4,67507993	4,94187404	63,4160983	1,67845E-15	7,66091E-14	protein_coding
ENSMUSG00000049409	Prokr1	prokinectin receptor 1 [Source:MGJ Symbol;Acc:MGJ:1929676]		8,428132196	2,21996102	4,58808046	3,08937551	51,0710089	8,9043E-13	2,64532E-11	protein_coding
ENSMUSG00000048965	Mrgpre	MAS-related GPR, member E [Source:MGJ Symbol;Acc:MGJ:2441884]		3,064805765	2,21785725	4,65201983	1,63425578	20,6119343	5,62444E-06	5,19292E-05	protein_coding
ENSMUSG00000031714	Gab1	growth factor receptor bound protein 2-associated protein 1 [Source:MGJ Symbol;Acc:MGJ:108088]		9,741295628	2,21539814	4,6440971	3,30654216	78,2937417	8,88028E-19	5,87757E-17	protein_coding
ENSMUSG00000036853	Mcoln3	mucopolipin 3 [Source:MGJ Symbol;Acc:MGJ:1890500]		3,828925323	2,20855572	4,6221232	1,92465197	28,8667398	7,67364E-08	1,03703E-06	protein_coding
ENSMUSG00000009654	Oit3	oncprotein induced transcript 3 [Source:MGJ Symbol;Acc:MGJ:1201782]		6,124003874	2,20775002	4,61954263	2,61861565	30,2326506	3,30204E-08	5,51081E-07	protein_coding
ENSMUSG00000021701	Plk2	polo-like kinase 2 [Source:MGJ Symbol;Acc:MGJ:1099790]		152,3163839	2,19753966	4,58696422	7,25237923	78,0488385	1,00524E-18	6,57416E-17	protein_coding
ENSMUSG00000093765	Gm20658	predicted gene 20658 [Source:MGJ Symbol;Acc:MGJ:5313105]		4,225566338	2,19183967	4,56887721	2,10103582	23,2763291	1,403116E-06	1,47386E-05	processed_transcript
ENSMUSG00000037907	Ankrd13b	ankryrin repeat domain 13b [Source:MGJ Symbol;Acc:MGJ:2144501]		9,240393643	2,18996423	4,56294172	3,20615308	44,3618778	2,72951E-10	6,64947E-10	protein_coding
ENSMUSG00000031803	B3gnt3	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 [Source:MGJ Symbol;Acc:MGJ:2152535]		7,05274229	2,18010677	4,53187092	2,82688944	41,32795	1,28715E-10	2,82274E-09	protein_coding
ENSMUSG00000030789	Ilgax	integrin alpha X [Source:MGJ Symbol;Acc:MGJ:96609]		9,030434998	2,17485692	4,51540977	3,18549405	37,0436667	1,15519E-09	2,14793E-08	protein_coding
ENSMUSG00000021367	Edn1	endothelin 1 [Source:MGJ Symbol;Acc:MGJ:95283]		4,999687093	2,16922521	4,49781777	2,36763511	35,9831525	1,99031E-09	3,59073E-08	protein_coding
ENSMUSG00000032786	Alas1	aminolevulinic acid synthase 1 [Source:MGJ Symbol;Acc:MGJ:87989]		338,8453217	2,16857028	4,49577639	8,40507901	122,195536	2,09173E-28	3,53566E-26	protein_coding
ENSMUSG00000036611	Eepd1	endonuclease/exonuclease/phosphatase family domain containing 1 [Source:MGJ Symbol;Acc:MGJ:1914734]		21,3241135	2,16270139	4,4775247	4,41933955	109,356811	1,35551E-25	1,83864E-23	protein_coding
ENSMUSG00000032766	Gng11	guanine nucleotide binding protein (G protein), gamma 11 [Source:MGJ Symbol;Acc:MGJ:1913316]		5,925904999	2,156608	4,45702175	2,57023246	37,8495192	7,64172E-10	1,4704E-08	protein_coding
ENSMUSG00000028949	Smardc3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3 [Source:MGJ Symb		1,513733572	2,15605735	4,45695176	0,65212971	13,0481756	0,00030358	0,001802937	protein_coding
ENSMUSG00000043017	Ptgir	prostaglandin I receptor (IP) [Source:MGJ Symbol;Acc:MGJ:99535]		14,93804481	2,15031892	4,43925912	3,91530192	75,7616888	3,20051E-18	1,91109E-16	protein_coding
ENSMUSG00000072621	Sfnf10-ps	schlafen 10, pseudogene [Source:MGJ Symbol;Acc:MGJ:3512288]		20,2071341	2,145738	4,42518572	4,34259417	62,3643352	2,85446E-15	1,25448E-13	protein_coding
ENSMUSG00000020937	Pldc3	phospholipase C, delta 3 [Source:MGJ Symbol;Acc:MGJ:107451]		1,36211791	2,13336327	4,38670067	0,45377025	17,5706619	2,76826E-05	0,000216939	protein_coding
ENSMUSG00000029084	Cd38	CD38 antigen [Source:MGJ Symbol;Acc:MGJ:107474]		19,26038885	2,13221991	4,38391526	4,31896804	129,663092	4,85581E-30	9,3598E-28	protein_coding
ENSMUSG00000052565	Hist1h1d	histone cluster 1, H1d [Source:MGJ Symbol;Acc:MGJ:107502]		1,624349121	2,11098308	4,31985559	0,7273535	19,5175006	9,96822E-06	8,65094E-05	protein_coding
ENSMUSG00000045827	Serpinp9	serine (or cysteine) peptidase inhibitor, clade B, member 9 [Source:MGJ Symbol;Acc:MGJ:106603]		28,47373476	2,11079672	4,31929759	4,83550455	82,3641891	1,13186E-19	8,02306E-18	protein_coding
ENSMUSG00000057315	Arhgap24	Rho GTPase activating protein 24 [Source:MGJ Symbol;Acc:MGJ:1922647]		5,057775651	2,10798087	4,31087542	2,34417252	38,1810757	6,44539E-10	1,25116E-08	protein_coding
ENSMUSG00000055172	C1ra	complement component 1, r subcomponent A [Source:MGJ Symbol;Acc:MGJ:1355313]		7,350974806	2,10290481	4,29573444	2,89436001	29,5886335	5,34173E-08	7,46686E-07	protein_coding
ENSMUSG00000008540	Mgst1	microsomal glutathione S-transferase 1 [Source:MGJ Symbol;Acc:MGJ:1913850]		40,83604364	2,09659507	4,2780403	5,35688239	60,4307969	7,62112E-15	3,08979E-13	protein_coding
ENSMUSG00000026748	Ptxdc2	plexin domain containing 2 [Source:MGJ Symbol;Acc:MGJ:1914698]		3,975340665	2,07151406	4,20327561	2,02219131	35,3895963	2,69925E-09	4,71489E-08	protein_coding
ENSMUSG00000031596	Slc7a2	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2 [Source:MGJ Symbol;Acc:MGJ:99828]		2,118557133	2,0648771	4,18398331	1,12609942	13,291838	0,000266564	0,001611115	protein_coding
ENSMUSG00000034765	Dusp5	dual specificity phosphatase 5 [Source:MGJ Symbol;Acc:MGJ:2685183]		4,565251862	2,0614808	4,17414523	2,206062	23,8430975	1,045116E-06	1,30023E-05	protein_coding
ENSMUSG00000006360	Crip1	cysteine-rich protein 1 (intestinal) [Source:MGJ Symbol;Acc:MGJ:88501]		5,886061039	2,0610436	4,17288049	2,56562997	24,7264378	6,60716E-07	7,39235E-06	protein_coding
ENSMUSG00000004044	Ptfr	polymerase I and transcript release factor [Source:MGJ Symbol;Acc:MGJ:1277968]		5,159115149	2,05929746	4,16783296	2,38141332	17,4430278	2,96048E-05	0,000229871	protein_coding
ENSMUSG00000039062	Anepf	alanyl (membrane) aminopeptidase [Source:MGJ Symbol;Acc:MGJ:5000466]		197,266586	2,05078502	4,14331361	7,62430709	60,6806523	6,71267E-15	2,73156E-13	protein_coding
ENSMUSG00000078485	Plekhn1	pleckstrin homology domain containing, family N member 1 [Source:MGJ Symbol;Acc:MGJ:2387630]		12,71215799	2,05017756	4,14156939	3,67456659	47,9336758	4,40884E-12	1,19017E-10	protein_coding
ENSMUSG00000031391	L1cam	L1 cell adhesion molecule [Source:MGJ Symbol;Acc:MGJ:96721]		8,428851222	2,04667271	4,13152016	3,08059371	38,519611	5,42063E-10	1,07116E-08	protein_coding
ENSMUSG00000027955	Fam198b	family with sequence similarity 198, member B [Source:MGJ Symbol;Acc:MGJ:1915909]		14,36390303	2,04455295	4,12545416	3,84704179	43,9947551	3,29257E-11	7,86423E-10	protein_coding
ENSMUSG00000001930	Vwf	Von Willebrand factor homolog [Source:MGJ Symbol;Acc:MGJ:98941]		24,20299515	2,0415022	4,11673961	4,59833343	88,4249765	5,27999E-21	4,60407E-19	protein_coding
ENSMUSG00000024525	Impa2	inositol (myo)-1(or 4)-monophosphatase 2 [Source:MGJ Symbol;Acc:MGJ:2149728]		3,039625346	2,0369033	4,10637351	1,6228644	27,6658625	1,44185E-07	1,82431E-06	protein_coding
ENSMUSG00000058135	Gstm1	glutathione S-transferase, mu 1 [Source:MGJ Symbol;Acc:MGJ:95860]		91,08221511	2,03502916	4,09831013	6,51097669	59,0749367	1,5178E-14	5,87186E-13	protein_coding
ENSMUSG00000024812	Tjp2	tight junction protein 2 [Source:MGJ Symbol;Acc:MGJ:1341872]		11,9735249	2,03200667	4,08973303	3,58950573	69,8467986	6,4094E-17	3,38558E-15	protein_coding
ENSMUSG00000029380	Cxcl1	chemokine (C-X-C motif) ligand 1 [Source:MGJ Symbol;Acc:MGJ:108068]		6,095300668	2,03065801	4,08591165	2,64457424	46,8231775	7,76891E-12	2,03231E-10	protein_coding
ENSMUSG00000033777	Tlr13	tol-like receptor 13 [Source:MGJ Symbol;Acc:MGJ:3045213]		151,643454	2,02925108	4,08192896	7,24558902	79,2410044	5,49771E-19	3,68313E-17	protein_coding
ENSMUSG00000019852	D10Bwg1379e	DNA segment, Chr 10, Brigham & Women's Genetics 1379 expressed [Source:MGJ Symbol;Acc:MGJ:106387]		5,310315658	2,02867477	4,0802987	2,41373423	30,4362892	3,45013E-08	5,0274E-07	protein_coding
ENSMUSG00000043740	B430306N03Rik	RIKEN cDNA B430306N03 gene [Source:MGJ Symbol;Acc:MGJ:2443478]		32,95480117	2,0245009	4,06851104	5,04877602	45,9411179	1,21861E-11	3,085E-10	protein_coding
ENSMUSG000000037638	Zbtb42	zinc finger and BTB domain containing 42 [Source:MGJ Symbol;Acc:MGJ:3644133]		3,514609109	2,02227729	4,0622451	1,81252702	25,505714	4,41075E-07	5,08509E-06	protein_coding
ENSMUSG00000018217	Pmp22	peripheral myelin protein 22 [Source:MGJ Symbol;Acc:MGJ:97631]		108,5531573	2,02092842	4,05844881	6,76345044	59,0970362	1,50085E-14	5,8268E-13	protein_coding
ENSMUSG00000010051	Hyal1	hyaluronoglycosaminidase 1 [Source:MGJ Symbol;Acc:MGJ:96298]		5,689389274	2,01371231	4,03819985	2,51847752	27,9328867	1,25597E-07	1,61964E-06	protein_coding
ENSMUSG00000073409	H2-Q6	histocompatibility 2, Q region locus 6 [Source:MGJ Symbol;Acc:MGJ:95935]		14,38178236	2,01047063	4,02913635	3,85015928	79,6474554	4,47546E-19	3,01997E-17	protein_coding
ENSMUSG00000026980	Ly75	lymphocyte antigen 75 [Source:MGJ Symbol;Acc:MGJ:106662]		2,215324467	1,99157157	3,97699957	1,17926402	13,2061375	0,000279034	0,00167986	protein_coding
ENSMUSG00000060594	Layn	layilin [Source:MGJ Symbol;Acc:MGJ:2685357]		10,47516296	1,99000678	3,97238866	3,40418058	51,9545457	5,68004E-13	1,7432E-11	protein_coding
ENSMUSG00000041959	S100a10	S100 calcium binding protein A10 (calpactin) [Source:MGJ Symbol;Acc:MGJ:1339468]		47,43798581	1,98851856	3,96829302	5,57201021	71,5398174	2,71719E-17	1,48226E-15	protein_coding
ENSMUSG00000020092	Pald1	phosphatase domain containing, paladin 1 [Source:MGJ Symbol;Acc:MGJ:1351623]		9,161407442	1,97306954	3,92602549	3,20861458	62,0793869	3,29887E-15	1,42136E-13	protein_coding
ENSMUSG00000035493	Tgfbr1	transforming growth factor, beta induced [Source:MGJ Symbol;Acc:MGJ:99959]		99,23174753	1,96966203	3,91676354	6,6326766	208,789395	2,52342E-07	1,02684E-44	protein_coding
ENSMUSG00000039813	Tbc1d2	TBC1 domain family, member 2 [Source:MGJ Symbol;Acc:MGJ:2652885]		7,064528151	1,96822179	3,9128554	2,81668821	37,0674732	1,14111E-09	2,12859E-08	protein_coding
ENSMUSG00000020826	Nos2	nitric oxide synthase 2, inducible [Source:MGJ Symbol;Acc:MGJ:97361]		7,947165721	1,96678794	3,90896844	3,00374913	44,2405561	2,90402E-11	7,02786E-10	protein_coding
ENSMUSG00000026749	Nek6	NIMA (never in mitosis gene a)-related expressed kinase 6 [Source:MGJ Symbol;Acc:MGJ:1891638]		28,595093	1,96518997	3,90464115	4,840522	109,497962	1,26234E-25	1,73367E-23	protein_coding
ENSMUSG00000072812	Ahnak2	AHNAK nucleoprotein 2 [Source:MGJ Symbol;Acc:MGJ:2144831]		230,1022444	1,95786428	3,88486451	7,84613379	53,1971982	3,01689E-13	9,66372E-12	protein_coding
ENSMUSG00000030084	Plxna1	plexin A1 [Source:MGJ Symbol;Acc:MGJ:107685]		255,7138625	1,9517608	3,86846387	7,99865949	69,0597767	9,55238E-17	4,97403E-15	protein_coding
ENSMUSG00000028780	Sema3c	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C [Source:MGJ Symbol;Acc:MG		2,654177304	1,95102484	3,86649096	1,44268182	16,8582418	4,0278E-05	0,000301866	protein_coding
ENSMUSG000000008734	Gprc5b	G protein-coupled receptor, family C, group 5, member B [Source:MGJ Symbol;Acc:MGJ:1927596]		5,665382164	1,94555287	3,85185361	2,50430385	20,3938605	6,60317E-06	5,74713E-05	protein_coding
ENSMUSG00000038963	Slc04a1	solute carrier organic anion transporter family, member 4a1 [Source:MGJ Symbol;Acc:MGJ:1351866]		98,63270409	1,94367784	3,84685069	6,6227927	176,87993	3,22643E-40	7,9766E-38	protein_coding
ENSMUSG00000046768	Rhoj	ras homolog gene family, member J [Source:MGJ Symbol;Acc:MGJ:1931551]		5,63979885	1,94172187	3,8163879	2,50346396	21,964213	2,77822E-06	2,74302E-05	protein_coding
ENSMUSG00000045110	Rassf8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8 [Source:MGJ Symbol;Acc:MGJ:1918573]		2,486812851	1,94095516	3,8395977	1,30493779	14,9449926	0,000110691	0,000745406	protein_coding
ENSMUSG00000025429	Pstpip2	proline-serine-threonine phosphatase-interacting protein 2 [Source:MGJ Symbol;Acc:MGJ:1335088]		17,54215221	1,94054626	3,835096	4,14658179	108,598408	1,98734E-25	2,6628E-23	protein_coding
ENSMUSG00000028927	Padi2	peptidyl arginine deiminase, type II [Source:MGJ Symbol;Acc:MGJ:1338892]		4,860279534	1,94017784	3,83752949	2,28749154	32,4937664	1,19575E-08	1,87915E-07	

ENSMUSG00000027533	Fabp5	fatty acid binding protein 5, epidermal [Source:MGI Symbol;Acc:MGI:101790]	Sheet1	239,4400251	1,8975681	3,72584615	7,90414229	89,1393211	3,67964E-21	3,28685E-19	protein_coding
ENSMUSG00000049130	C5ar1	complement component 5a receptor 1 [Source:MGI Symbol;Acc:MGI:88232]		241,5228224	1,89656715	3,72326203	7,917776496	104,7441448	1,3897E-24	1,64179E-22	protein_coding
ENSMUSG00000055413	H2-Q5	histocompatibility 2, Q region locus 5 [Source:MGI Symbol;Acc:MGI:95934]		5,148759874	1,89160486	3,7104775	2,36867686	31,0273079	2,54424E-08	3,7124E-07	pseudogene
ENSMUSG0000000058	Cav2	caveolin 2 [Source:MGI Symbol;Acc:MGI:107571]		46,89944247	1,89672559	3,70564734	5,55368921	57,3935393	3,56777E-14	1,37154E-12	protein_coding
ENSMUSG000000043421	Hilpd4	hypoxia inducible lipid droplet associated [Source:MGI Symbol;Acc:MGI:1916823]		15,78574711	1,88954507	3,7051837	3,988042	35,3351958	2,7757E-09	4,82542E-08	protein_coding
ENSMUSG00000048537	Plhd1b	pleckstrin homology-like domain, family B, member 1 [Source:MGI Symbol;Acc:MGI:2143230]		11,63776659	1,87916142	3,67861175	3,55424053	59,992857	9,52023E-15	3,81747E-13	protein_coding
ENSMUSG00000026837	Col5a1	collagen, type V, alpha 1 [Source:MGI Symbol;Acc:MGI:88457]		4,429082912	1,87800096	3,67565399	2,17389917	10,257909	0,001360999	0,006696503	protein_coding
ENSMUSG00000030256	Bhlhe41	basic helix-loop-helix family, member e41 [Source:MGI Symbol;Acc:MGI:1930704]		72,90618952	1,87356533	3,66460151	6,1897811	83,9440558	5,08976E-20	3,77846E-18	protein_coding
ENSMUSG00000028124	G6m9	glutamate-cysteine ligase, modifier subunit [Source:MGI Symbol;Acc:MGI:104995]		211,0971202	1,86956605	3,65422648	7,72271337	46,6548605	8,46567E-12	2,04048E-10	protein_coding
ENSMUSG00000028691	Prdx1	peroxiredoxin 1 [Source:MGI Symbol;Acc:MGI:99523]		2395,16309	1,86849417	3,65151249	11,22597030	39,8643605	2,72225E-10	5,7079E-09	protein_coding
ENSMUSG00000040624	Plekhh1	pleckstrin homology domain containing, family G (with RhoGef domain) member 1 [Source:MGI Symbol;Acc:MGI:26765]		10,7954203	1,86763847	3,64934733	3,44602148	51,5917867	6,83268E-13	2,07378E-11	protein_coding
ENSMUSG00000094114		Transmembrane protein C5orf28 homolog [Source:UniProtKB/Swiss-Prot;Acc:Q8VDR5]		5,043355579	1,86483731	3,64226858	2,35938731	36,8279818	1,29025E-09	2,38252E-08	protein_coding
ENSMUSG00000022505	Emp2	epithelial membrane protein 2 [Source:MGI Symbol;Acc:MGI:1098726]		14,16390225	1,86457186	3,64159847	3,83834248	47,5155727	5,45687E-12	1,45169E-10	protein_coding
ENSMUSG00000031838	Ifi30	interferon gamma inducible protein 30 [Source:MGI Symbol;Acc:MGI:2137648]		51,51004396	1,86332612	3,63845538	5,69243278	80,548717	2,83626E-19	1,95987E-17	protein_coding
ENSMUSG00000005413	Hmox1	heme oxygenase (decycling) 1 [Source:MGI Symbol;Acc:MGI:96163]		973,4158477	1,85550379	3,61878098	9,92709604	35,5877252	2,43819E-09	4,31375E-08	protein_coding
ENSMUSG00000026880	Stom	stomatin [Source:MGI Symbol;Acc:MGI:95403]		122,6978969	1,8484998	3,6102551	6,94091421	104,485897	1,58316E-24	1,83097E-22	protein_coding
ENSMUSG000000017390	Aldoc	aldolase C, fructose-bisphosphate [Source:MGI Symbol;Acc:MGI:101863]		4,59197091	1,84583893	3,59461917	2,21351207	32,1737272	1,40984E-08	2,19094E-07	protein_coding
ENSMUSG00000025757	Hspa4l	heat shock protein 4 like [Source:MGI Symbol;Acc:MGI:107422]		30,96414595	1,84453373	3,59136858	4,96148369	75,7628391	3,19865E-18	1,91109E-16	protein_coding
ENSMUSG00000025586	Cpeb1	cytoplasmic polyadenylation element binding protein 1 [Source:MGI Symbol;Acc:MGI:108442]		8,838287569	1,83938789	3,57858164	3,1462858	32,136199	1,43734E-08	2,2237E-07	protein_coding
ENSMUSG000000053040	Aph1c	anterior pharynx defective 1c homolog (C. elegans) [Source:MGI Symbol;Acc:MGI:1915568]		46,10540502	1,83921771	3,57815952	5,52895613	55,2610709	1,05538E-13	6,32495E-12	protein_coding
ENSMUSG00000029759	Pon3	paraoxonase 3 [Source:MGI Symbol;Acc:MGI:106686]		28,56684444	1,83188001	3,56000684	4,84237934	53,0021345	3,33186E-13	1,06416E-11	protein_coding
ENSMUSG000000073910	Mob3b	MOB kinase activator 3B [Source:MGI Symbol;Acc:MGI:2664539]		2,521927105	1,83044013	3,55645554	1,3524427	19,9165658	8,08963E-06	7,18519E-05	protein_coding
ENSMUSG00000041695	Kcnj2	potassium inwardly-rectifying channel, subfamily J, member 2 [Source:MGI Symbol;Acc:MGI:104744]		37,070892	1,82958282	3,55434276	5,21459276	70,0576144	5,75974E-17	3,05711E-15	protein_coding
ENSMUSG000000034168	Ifi2bp1	interferon regulatory factor 2 binding protein-like [Source:MGI Symbol;Acc:MGI:2442463]		53,3557618	1,82428045	3,54130339	5,74138051	111,39838	4,99389E-26	6,81741E-24	protein_coding
ENSMUSG000000044103	Il1f9	interleukin 1 family, member 9 [Source:MGI Symbol;Acc:MGI:2449929]		4,291901095	1,82387108	3,54029867	2,11645632	22,6034043	1,93131E-06	2,02955E-05	protein_coding
ENSMUSG00000048807	Slc35e4	solute carrier family 35, member E4 [Source:MGI Symbol;Acc:MGI:2144150]		29,45025947	1,82122712	3,53381649	4,88673417	87,1834799	9,98065E-21	8,04952E-19	protein_coding
ENSMUSG00000018752	BC096441	cDNA sequence BC096441 [Source:MGI Symbol;Acc:MGI:3845075]		3,466441531	1,81757176	3,52487417	1,81495381	16,2584615	5,52622E-05	0,000403433	protein_coding
ENSMUSG00000048120	Entpd1	ectonucleoside triphosphate diphosphohydrolase 1 [Source:MGI Symbol;Acc:MGI:102805]		25,2743394	1,81695379	3,52336465	4,67756521	105,667993	8,71843E-25	1,05263E-22	protein_coding
ENSMUSG00000021483	Cdk20	cyclin-dependent kinase 20 [Source:MGI Symbol;Acc:MGI:2145349]		19,80812061	1,81551964	3,51986388	4,30819289	85,4005491	2,43653E-20	1,87204E-18	protein_coding
ENSMUSG000000033863	Klf9	Kruppel-like factor 9 [Source:MGI Symbol;Acc:MGI:1333856]		5,966937791	1,80629024	3,49741801	2,5924263	37,5984713	8,69126E-10	1,65495E-08	protein_coding
ENSMUSG00000005957	Insl6	insulin-like 6 [Source:MGI Symbol;Acc:MGI:1351595]		4,147722252	1,80211527	3,48731157	2,06122686	20,7098183	5,34413E-06	4,95493E-05	protein_coding
ENSMUSG000000069515	Lyz1	lysozyme 1 [Source:MGI Symbol;Acc:MGI:96902]		3,628607283	1,79518993	3,47061162	1,88156781	25,2441714	5,0512E-07	5,78099E-06	protein_coding
ENSMUSG000000032691	Nlr3p	NLR family, pyrin domain containing 3 [Source:MGI Symbol;Acc:MGI:2653833]		15,62235633	1,79228265	3,46493071	3,99881777	69,6788116	6,97918E-17	3,66891E-15	protein_coding
ENSMUSG00000016382	Pls3	plastin 3 (T-isoform) [Source:MGI Symbol;Acc:MGI:104807]		26,23267654	1,79229022	3,46364295	4,71823169	51,1352405	8,62165E-13	2,58109E-11	protein_coding
ENSMUSG00000021996	Esd	esterase D/formylglutathione hydrolase [Source:MGI Symbol;Acc:MGI:95421]		377,4837656	1,79026846	3,45879248	8,56087551	60,0741069	9,13522E-15	3,67651E-13	protein_coding
ENSMUSG000000028378	Ptgr1	prostaglandin reductase 1 [Source:MGI Symbol;Acc:MGI:1914353]		35,92896056	1,79007938	3,45833921	5,17368157	63,0583034	2,00678E-15	9,03625E-14	protein_coding
ENSMUSG00000022951	Rcan1	regulator of calcineurin 1 [Source:MGI Symbol;Acc:MGI:1890564]		51,82424597	1,78786714	3,45304023	5,70372455	144,147638	3,29847E-33	6,71069E-31	protein_coding
ENSMUSG00000024066	Xdh	xanthine dehydrogenase [Source:MGI Symbol;Acc:MGI:98973]		165,2571599	1,78382804	3,4433863	7,36950809	58,983288	1,59017E-14	7,1088E-13	protein_coding
ENSMUSG00000075359		Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:J3KMH2]		2,130962515	1,77939779	3,43282852	1,14673433	9,8005766	0,001744572	0,008373791	protein_coding
ENSMUSG000000089774	Slc5a3	solute carrier family 5 (inositol transporters), member 3 [Source:MGI Symbol;Acc:MGI:1858226]		15,00096633	1,77767264	3,42872606	3,91421981	48,6451067	3,06733E-12	8,61911E-11	protein_coding
ENSMUSG000000029915	Clec5a	C-type lectin domain family 5, member a [Source:MGI Symbol;Acc:MGI:1345151]		8,488567965	1,77620542	3,42524081	3,0943856	34,803281	6,64749E-09	6,22283E-08	protein_coding
ENSMUSG00000029371	Cxcl5	chemokine (C-X-C motif) ligand 5 [Source:MGI Symbol;Acc:MGI:1096868]		7,728180414	1,7757749	3,42421883	2,99750303	38,3785648	5,82689E-10	1,13915E-08	protein_coding
ENSMUSG00000026656	Fcgr2b	Fc receptor, IgG, low affinity IIb [Source:MGI Symbol;Acc:MGI:95499]		16,69103267	1,77512547	3,42267775	4,07757092	83,2198497	7,34168E-20	5,37754E-18	protein_coding
ENSMUSG00000003363	Plid3	phospholipase D family, member 3 [Source:MGI Symbol;Acc:MGI:1333782]		310,5752413	1,7716961	3,41455152	8,27911953	59,7228235	1,09203E-14	4,33145E-13	protein_coding
ENSMUSG00000020099	Cunc5b	unc-5 homolog B (C. elegans) [Source:MGI Symbol;Acc:MGI:894703]		7,211170134	1,76568715	3,40035919	2,86231709	25,0744163	5,51599E-07	6,24785E-06	protein_coding
ENSMUSG00000048445	Ccdc57	coiled-coil domain containing 57 [Source:MGI Symbol;Acc:MGI:1918526]		3,737535604	1,76141231	3,39029851	1,92127543	22,9069476	1,700336E-06	1,75912E-05	protein_coding
ENSMUSG00000018800	Abca5	ATP-binding cassette, sub-family A (ABC1), member 5 [Source:MGI Symbol;Acc:MGI:2386607]		3,889696944	1,75304246	3,37068652	1,96594163	21,1132469	4,32925E-06	4,11163E-05	protein_coding
ENSMUSG00000011256	Adam19	a disintegrin and metalloproteinase domain 19 (meltrin beta) [Source:MGI Symbol;Acc:MGI:1053777]		3,570130151	1,75052627	3,36481266	1,8469602	21,3418895	3,84243E-06	3,68506E-05	protein_coding
ENSMUSG00000022534	Mefv	Mediterranean fever [Source:MGI Symbol;Acc:MGI:1859396]		18,226388	1,74995329	3,36347677	4,20715604	104,165996	1,86056E-24	2,12938E-22	protein_coding
ENSMUSG000000053687	Dpep2	dipeptidase 2 [Source:MGI Symbol;Acc:MGI:2442042]		35,54021038	1,74266215	3,34652118	5,1577148	94,7622931	2,14676E-22	2,10593E-20	protein_coding
ENSMUSG00000000730	Dnm13l	DNA (cytosine-5-)methyltransferase 3-like [Source:MGI Symbol;Acc:MGI:1859287]		2,606983571	1,73972709	3,33971985	1,40973469	11,2877708	0,000780193	0,004147064	protein_coding
ENSMUSG000000035273	Hpse	heparanase [Source:MGI Symbol;Acc:MGI:1343124]		22,00120763	1,73753278	3,33464407	4,46785999	54,9534363	1,23419E-13	4,17234E-12	protein_coding
ENSMUSG000000021280	Exoc34	exocyst complex component 3-like 4 [Source:MGI Symbol;Acc:MGI:1921363]		4,791465608	1,73424304	3,32704883	2,27472529	30,1509859	3,9684E-08	5,71787E-07	protein_coding
ENSMUSG00000026915	Srtpb	spermatid perinuclear RNA binding protein [Source:MGI Symbol;Acc:MGI:104626]		2,390125687	1,72940862	3,31591867	1,28249498	18,4116765	1,77964E-05	0,000146574	protein_coding
ENSMUSG00000029135	Fosl2	fos-like antigen 2 [Source:MGI Symbol;Acc:MGI:102858]		42,13387543	1,72897436	3,3149207	5,40498148	77,424502	1,37894E-18	8,80838E-17	protein_coding
ENSMUSG000000059498	Fcgr3	Fc receptor, IgG, low affinity III [Source:MGI Symbol;Acc:MGI:95500]		107,5981252	1,72845948	3,31373785	6,75717292	174,678363	7,03792E-40	2,3432E-37	protein_coding
ENSMUSG00000067719	Gm10221	predicted gene 10221 [Source:MGI Symbol;Acc:MGI:3708709]		10,84251224	1,72746452	3,31145331	3,46606415	13,880511	0,000194808	0,001226565	protein_coding
ENSMUSG000000042978	Sbk1	SH3-binding kinase 1 [Source:MGI Symbol;Acc:MGI:2135937]		4,03896357	1,72241073	3,29987352	2,01260928	23,1516746	1,49713E-06	1,56359E-05	protein_coding
ENSMUSG00000042476	Abcb4	ATP-binding cassette, sub-family B (MDR/TAP), member 4 [Source:MGI Symbol;Acc:MGI:97569]		20,07350696	1,7204553	3,29540389	4,3319463	56,1369112	6,75961E-14	2,38803E-12	protein_coding
ENSMUSG00000026712	Mrc1	mannose receptor, C type 1 [Source:MGI Symbol;Acc:MGI:97142]		60,79309087	1,71831957	3,29052909	5,93187745	112,736385	2,45645E-26	3,62494E-24	protein_coding
ENSMUSG00000026042	Col5a2	collagen, type V, alpha 2 [Source:MGI Symbol;Acc:MGI:88458]		7,856560579	1,71594563	3,28431962	2,99571881	11,4786139	0,000704016	0,003786111	protein_coding
ENSMUSG00000027956	Tmem144	transmembrane protein 144 [Source:MGI Symbol;									

ENSMUSG00000028602	Tnfrsf8	tumor necrosis factor receptor superfamily, member 8 [Source:MGI Symbol;Acc:MGI:99908]	Sheet1	1,562215092	1,68018286	3,20468568	0,6594817	13,0723423	0,000299688	0,001786584	protein_coding
ENSMUSG00000056733	Capg	capping protein (actin filament), gelsolin-like [Source:MGI Symbol;Acc:MGI:1098259]		551,4059992	1,67615405	3,19574889	9,10729974	42,3109618	7,7855E-11	1,76007E-09	protein_coding
ENSMUSG00000037411	Serpine1	serine (or cysteine) peptidase inhibitor, clade E, member 1 [Source:MGI Symbol;Acc:MGI:97608]		9,453488684	1,67499387	3,19317997	3,26191769	15,8881751	6,71973E-05	0,000479413	protein_coding
ENSMUSG00000047250	Ptgs1	prostaglandin-endoperoxide synthase 1 [Source:MGI Symbol;Acc:MGI:97797]		13,27683317	1,67271562	3,18814414	3,73819109	51,1134776	6,71777E-13	2,60277E-11	protein_coding
ENSMUSG00000074874	Ctla2b	cytotoxic T lymphocyte-associated protein 2 beta [Source:MGI Symbol;Acc:MGI:88555]		46,456143	1,67173901	3,18598398	5,53969316	76,4572065	2,25037E-18	1,38903E-16	protein_coding
ENSMUSG00000060214	Gmb203	predicted pseudogene 8203 [Source:MGI Symbol;Acc:MGI:3646499]		2,708024668	1,67022153	3,1837378	1,48818752	7,49343382	0,006192436	0,0024264015	pseudogene
ENSMUSG00000017057	Il13ra1	interleukin 13 receptor, alpha 1 [Source:MGI Symbol;Acc:MGI:105052]		3,378459294	1,67027585	3,18275443	1,79787489	15,4373012	8,52881E-05	0,000593828	protein_coding
ENSMUSG00000024900	Cpt1a	carnitine palmitoyltransferase 1a, liver [Source:MGI Symbol;Acc:MGI:1098296]		87,10565445	1,66795384	3,17763594	6,4467694	38,032942	6,95602E-10	1,3408E-08	protein_coding
ENSMUSG00000002992	Apoc2	apolipoprotein C-II [Source:MGI Symbol;Acc:MGI:88054]		4,158399306	1,66588288	3,17037776	2,06337345	25,7132337	3,96102E-07	4,59068E-06	protein_coding
ENSMUSG00000026728	Vim	vimentin [Source:MGI Symbol;Acc:MGI:98932]		1111,286416	1,6639325	3,16879098	10,1181469	42,7039586	6,36833E-11	1,46993E-09	protein_coding
ENSMUSG00000028278	Rragd	Ras-related GTP binding D [Source:MGI Symbol;Acc:MGI:1098604]		13,88139216	1,65803298	3,15585951	3,80114497	39,6958349	2,96758E-10	6,17515E-09	protein_coding
ENSMUSG00000019558	Slc6a8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8 [Source:MGI Symbol;Acc:MGI:2147834]		144,8446925	1,65773553	3,1552089	7,17896943	47,8656	4,56461E-12	1,22023E-10	protein_coding
ENSMUSG00000015947	Fcgr1	Fc receptor, IgG, high affinity I [Source:MGI Symbol;Acc:MGI:95498]		150,2696856	1,65487791	3,14896541	7,23482201	110,814407	6,49778E-26	9,03684E-24	protein_coding
ENSMUSG00000037664	Cdkn1c	cyclin-dependent kinase inhibitor 1C (P57) [Source:MGI Symbol;Acc:MGI:104564]		4,851079305	1,64781052	3,13357716	2,27373125	19,1756995	1,19221E-05	0,000101585	protein_coding
ENSMUSG00000022565	Plec	plectin [Source:MGI Symbol;Acc:MGI:1277961]		522,4314524	1,64655015	3,1308408	9,02920338	54,1365811	1,87027E-13	6,20805E-12	protein_coding
ENSMUSG00000029994	Anxa4	annexin A4 [Source:MGI Symbol;Acc:MGI:88030]		203,5912624	1,64643878	3,13059912	7,67023014	56,2856708	6,26705E-14	2,24287E-12	protein_coding
ENSMUSG00000027322	Siglec1	sialic acid binding Ig-like lectin 1, sialoadhesin [Source:MGI Symbol;Acc:MGI:99668]		127,6979298	1,64366542	3,1245868	7,0007799	85,8655817	1,92592E-20	1,49015E-18	protein_coding
ENSMUSG00000054675	Tmem119	transmembrane protein 119 [Source:MGI Symbol;Acc:MGI:2385228]		5,335848509	1,64051542	3,11777199	2,43309926	23,5226066	1,23455E-06	1,30674E-05	protein_coding
ENSMUSG00000050737	Ptges	prostaglandin E synthase [Source:MGI Symbol;Acc:MGI:1927593]		6,825056275	1,63728408	3,11079662	2,78438339	35,6073927	2,4137E-09	4,28422E-08	protein_coding
ENSMUSG00000044864	Ankrd50	ankyrin repeat domain 50 [Source:MGI Symbol;Acc:MGI:2139777]		49,8576082	1,63628399	3,10864093	5,64586871	88,1793721	5,97801E-21	5,17168E-19	protein_coding
ENSMUSG00000026202	Tuba4a	tubulin, alpha 4A [Source:MGI Symbol;Acc:MGI:1095410]		52,98796295	1,63510574	3,10610315	5,7314497	42,1331185	8,52668E-11	1,91973E-09	protein_coding
ENSMUSG00000070691	Runx3	runt related transcription factor 3 [Source:MGI Symbol;Acc:MGI:102672]		2,007551671	1,63496617	3,10580268	1,04642006	10,8919595	0,000958429	0,000101585	protein_coding
ENSMUSG00000058427	Cxcl2	chemokine (C-X-C motif) ligand 2 [Source:MGI Symbol;Acc:MGI:1340094]		56,73235874	1,6280082	3,09085976	5,84166516	118,555291	1,3105E-27	2,08673E-25	protein_coding
ENSMUSG00000033420	Antrx1	anthrax toxin receptor 1 [Source:MGI Symbol;Acc:MGI:1916788]		2,858525716	1,62665931	3,08791224	1,54638977	9,2064997	0,002411574	0,011012452	protein_coding
ENSMUSG00000038235	F11r	F11 receptor [Source:MGI Symbol;Acc:MGI:1321398]		3,51622626	1,62211708	3,07826424	1,8206396	18,0804689	2,11736E-05	0,000171454	protein_coding
ENSMUSG00000028076	Cd1d1	CD1d1 antigen [Source:MGI Symbol;Acc:MGI:107674]		2,873494546	1,620623	3,07507798	1,53795037	12,008377	0,00052962	0,002955272	protein_coding
ENSMUSG00000040907	Atp1a3	ATPase, Na+/K+ transporting, alpha 3 polypeptide [Source:MGI Symbol;Acc:MGI:88107]		95,5064395	1,62031928	3,07443068	6,57739422	65,7387179	5,14844E-16	2,51404E-14	protein_coding
ENSMUSG00000018927	Ccl6	chemokine (C-C motif) ligand 6 [Source:MGI Symbol;Acc:MGI:98263]		31,62991118	1,61995083	3,07364561	5,00039651	115,157976	7,26714E-27	1,09375E-24	protein_coding
ENSMUSG00000036103	Colec12	collectin sub-family member 12 [Source:MGI Symbol;Acc:MGI:2152907]		15,61823629	1,61978988	3,07330272	3,97263009	30,663925	3,06817E-08	4,51271E-07	protein_coding
ENSMUSG00000020234	4930404N1Rik	RIKEN cDNA 4930404N11 gene [Source:MGI Symbol;Acc:MGI:1921072]		8,060326497	1,61068667	3,05397208	3,00237638	32,6642986	1,09531E-08	1,73153E-07	protein_coding
ENSMUSG00000037852	Cpe	carboxypeptidase E [Source:MGI Symbol;Acc:MGI:101932]		3,338569988	1,6058583	3,04376779	1,76327583	7,23657178	0,007143325	0,027365309	protein_coding
ENSMUSG00000044468	Fam46c	family with sequence similarity 46, member C [Source:MGI Symbol;Acc:MGI:1921895]		14,21994648	1,60262292	3,03694949	3,83623669	36,4166114	1,59339E-09	2,90808E-08	protein_coding
ENSMUSG00000048924	Cdccl125	coiled-coil domain containing 125 [Source:MGI Symbol;Acc:MGI:1923291]		5,768882228	1,60191123	3,03545173	2,53963491	28,684709	8,51736E-08	1,13178E-06	protein_coding
ENSMUSG00000021846	Pel12	pellino 2 [Source:MGI Symbol;Acc:MGI:1891445]		3,587153757	1,60051672	3,03251907	1,8619679	20,101591	7,34356E-06	6,57033E-05	protein_coding
ENSMUSG00000038147	Cd84	CD84 antigen [Source:MGI Symbol;Acc:MGI:1336885]		223,5997657	1,60004416	3,03152593	7,80549016	66,0331398	4,43045E-16	2,19445E-14	protein_coding
ENSMUSG00000075602	Ly6a	lymphocyte antigen 6 complex, locus A [Source:MGI Symbol;Acc:MGI:107527]		5,68432863	1,59931864	3,03000179	2,51866056	18,3818497	1,00772E-05	0,00014833	protein_coding
ENSMUSG00000018774	Cd68	CD68 antigen [Source:MGI Symbol;Acc:MGI:88342]		432,6864511	1,59591625	3,02286437	8,75747773	32,7966278	1,02375E-08	1,62777E-07	protein_coding
ENSMUSG00000031488	Rab11fp1	RAB11 family interacting protein 1 (class I) [Source:MGI Symbol;Acc:MGI:1923017]		22,46578284	1,59404051	3,0189367	4,50586685	74,9212672	4,89865E-18	2,87815E-16	protein_coding
ENSMUSG00000024186	Rgs11	regulator of G-protein signaling 11 [Source:MGI Symbol;Acc:MGI:1354739]		2,799414823	1,59276426	3,01626724	1,50313934	17,3139846	3,16846E-05	0,000244222	protein_coding
ENSMUSG00000072825	AW555464	expressed sequence AW555464 [Source:MGI Symbol;Acc:MGI:2145043]		26,23555426	1,59011008	3,01072322	4,71446802	38,3695758	5,85379E-10	1,14037E-08	protein_coding
ENSMUSG00000037172	E330009J07Rik	RIKEN cDNA E330009J07 gene [Source:MGI Symbol;Acc:MGI:2444256]		4,234284124	1,59003408	3,01056462	2,10054531	20,5890263	5,29421E-06	5,24221E-05	protein_coding
ENSMUSG00000038712	Fam63a	family with sequence similarity 63, member A [Source:MGI Symbol;Acc:MGI:1922257]		69,08549576	1,58808463	3,00649932	6,11285438	78,1488508	9,55612E-19	6,28701E-17	protein_coding
ENSMUSG00000052397	Ezr	ezrin [Source:MGI Symbol;Acc:MGI:98931]		22,81512045	1,58577303	3,00168592	4,51860367	43,9270116	3,40852E-11	8,10594E-10	protein_coding
ENSMUSG00000082691	Dynl1-ps1	dynein light chain Tctex-type 1, pseudogene 1 [Source:MGI Symbol;Acc:MGI:3642625]		9,991080553	1,5842804	2,98644271	1,97523353	9,095076	0,002562986	0,011550256	pseudogene
ENSMUSG00000032491	Nradd	neurotrophin receptor associated death domain [Source:MGI Symbol;Acc:MGI:1914419]		3,196143111	1,5748954	2,97913891	1,6831417	14,6997215	0,000126065	0,000836399	protein_coding
ENSMUSG00000085295	4930430E12Rik	RIKEN cDNA 4930430E12 gene [Source:MGI Symbol;Acc:MGI:1918889]		11,7789291	1,57415155	2,97603027	3,56677656	45,2845933	1,70384E-11	4,28378E-10	antisense
ENSMUSG00000022947	Cbr3	carbonyl reductase 3 [Source:MGI Symbol;Acc:MGI:1309992]		17,68316824	1,5740333	2,97735923	4,15558705	61,733838	3,93165E-15	1,66143E-13	protein_coding
ENSMUSG00000032554	Trf	transferrin [Source:MGI Symbol;Acc:MGI:98821]		19,7871103	1,57384181	2,97696408	4,30901272	71,4209072	2,88598E-17	1,56972E-15	protein_coding
ENSMUSG00000001918	Slc1a5	solute carrier family 1 (neutral amino acid transporter), member 5 [Source:MGI Symbol;Acc:MGI:105305]		17,3091856	1,5712408	2,97160179	4,11310105	79,6544213	4,45971E-19	3,01997E-17	protein_coding
ENSMUSG00000089672	Gp49a	glycoprotein 49 A [Source:MGI Symbol;Acc:MGI:102702]		190,5957936	1,56833445	2,96562144	7,57538127	48,423245	3,43473E-12	9,50563E-11	protein_coding
ENSMUSG00000022122	Ednrb	endothelin receptor type B [Source:MGI Symbol;Acc:MGI:102720]		10,5574148	1,5680041	2,96502465	3,43365236	36,6142649	1,43974E-09	2,64081E-08	protein_coding
ENSMUSG00000034758	Tie6	transducin-like enhancer of split 6, homolog of Drosophila E(spl) [Source:MGI Symbol;Acc:MGI:2149593]		5,613083543	1,56791278	2,96457477	2,50868096	26,6501609	2,4383E-07	2,9504E-06	protein_coding
ENSMUSG00000028680	Pik3	polo-like kinase 3 [Source:MGI Symbol;Acc:MGI:109604]		20,33941863	1,5650716	2,95892187	4,35276014	48,5576742	3,20717E-12	8,98907E-11	protein_coding
ENSMUSG00000027646	Src	Rous sarcoma oncogene [Source:MGI Symbol;Acc:MGI:98397]		10,06842109	1,56483208	2,95843066	3,33978848	23,8941955	1,01778E-06	1,10931E-05	protein_coding
ENSMUSG00000022756	Slc7a4	solute carrier family 7 (cationic amino acid transporter, y+ system), member 4 [Source:MGI Symbol;Acc:MGI:2146512]		2,95116496	1,56190281	2,95242992	1,58085741	15,195612	9,69284E-05	0,000661872	protein_coding
ENSMUSG00000021298	Gpr132	G protein-coupled receptor 132 [Source:MGI Symbol;Acc:MGI:1890220]		8,775017383	1,55697213	2,94235665	3,13256816	43,2765898	4,75235E-11	1,12288E-09	protein_coding
ENSMUSG00000054342	Kcnna	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 [Source:MGI Symbol;Acc:MGI:2442338]		80,67446507	1,5546554	2,93763549	6,33451647	60,7167277	6,59077E-15	2,69193E-13	protein_coding
ENSMUSG00000025880	Smad7	SMAD family member 7 [Source:MGI Symbol;Acc:MGI:1100518]		2,171523538	1,55382658	2,93594834	1,17277351	13,378717	0,000254496	0,001549969	protein_coding
ENSMUSG00000038463	Olfml2b	olfactomedin-like 2B [Source:MGI Symbol;Acc:MGI:2443310]		2,033897464	1,55344587	2,93517368	1,06950754	11,4353762	0,000720589	0,003867665	protein_coding
ENSMUSG00000074657	Kif5a	kinesin family member 5A [Source:MGI Symbol;Acc:MGI:109564]		4,437318359	1,55177683	2,93177996	2,14667159	21,9001419	2,82713E-06	2,83014E-05	protein_coding
ENSMUSG00000056145	Al504432	expressed sequence Al504432 [Source:MGI Symbol;Acc:MGI:2139742]		4,124714333	1,54902132	2,92618569	2,07640771	18,0961331	2,10028E-05	0,000170301	protein_coding
ENSMUSG00000026875	Traf1	TNF receptor-associated factor 1 [Source:MGI Symbol									

ENSMUSG00000025161	Slc16a3	solute carrier family 16 (monocarboxylic acid transporters), member 3 [Source:MGI Symbol;Acc:MGI:1003438]	38,73802616	1,51942263	2,86676298	5,28821147	87,9793401	6,61417E-21	5,58999E-19	protein_coding
ENSMUSG00000015305	Sash1	SAM and SH3 domain containing 1 [Source:MGI Symbol;Acc:MGI:1917347]	212,8696388	1,51318117	2,85438744	7,73500495	59,878158	1,00915E-04	4,03184E-13	protein_coding
ENSMUSG00000026249	Serpine2	serine (or cysteine) peptidase inhibitor, clade E, member 2 [Source:MGI Symbol;Acc:MGI:101780]	3,061946519	1,50833094	2,84480732	1,65696183	9,30282856	0,002288003	0,010513715	protein_coding
ENSMUSG00000021770	Samd8	sterile alpha motif domain containing 8 [Source:MGI Symbol;Acc:MGI:1914880]	64,89327709	1,50783842	2,8438363	6,0223159	58,8120921	1,73472E-14	6,062923E-13	protein_coding
ENSMUSG00000022236	Rorpl1	roporin 1-like [Source:MGI Symbol;Acc:MGI:2182357]	2,408917699	1,50766372	2,84349195	1,27027036	14,2910554	0,000156607	0,001012695	protein_coding
ENSMUSG00000033386	Frfs1	ferric-chelate reductase 1 [Source:MGI Symbol;Acc:MGI:108076]	29,43278816	1,50676975	2,84173052	4,88560851	62,0874717	3,28535E-15	1,42111E-13	protein_coding
ENSMUSG00000003573	Homer3	homer homolog 3 (Drosophila) [Source:MGI Symbol;Acc:MGI:1347359]	30,66674086	1,5065639	2,84132508	4,94265322	52,091579	5,29716E-13	1,63483E-11	protein_coding
ENSMUSG00000062585	Cnr2	cannabinoid receptor 2 (macrophage) [Source:MGI Symbol;Acc:MGI:104650]	7,3610383056	1,50570222	2,83962855	2,88163854	32,0994165	1,46481E-08	2,26356E-07	protein_coding
ENSMUSG00000056749	Nfl3	nuclear factor, interleukin 3, regulated [Source:MGI Symbol;Acc:MGI:109495]	11,54099306	1,50341808	2,83513627	3,5480163	48,938445	2,64123E-12	7,47916E-11	protein_coding
ENSMUSG00000002289	Angptl4	angiopoietin-like 4 [Source:MGI Symbol;Acc:MGI:188999]	1,888841547	1,50059978	2,82963025	0,96049885	6,18752608	0,012865932	0,044520333	protein_coding
ENSMUSG00000005097	Creg2	cellular repressor of E1A-stimulated genes 2 [Source:MGI Symbol;Acc:MGI:1928333]	5,316481149	1,49772552	2,82397148	2,43982325	19,7235855	8,94901E-06	7,87822E-05	protein_coding
ENSMUSG00000040133	Gpr176	G protein-coupled receptor 176 [Source:MGI Symbol;Acc:MGI:2685858]	3,746478682	1,49742083	2,82337514	1,93065107	11,6259854	0,000650368	0,003532175	protein_coding
ENSMUSG00000027398	Il1b	interleukin 1 beta [Source:MGI Symbol;Acc:MGI:96543]	14,77165668	1,49691427	2,82238397	3,91541649	28,9061002	7,59733E-08	1,02798E-06	protein_coding
ENSMUSG00000005057	Sh2b2	SH2B adaptor protein 2 [Source:MGI Symbol;Acc:MGI:1345171]	20,06366888	1,49341007	2,81553693	4,32664252	56,8771912	4,63895E-14	1,69329E-12	protein_coding
ENSMUSG00000021575	Ahrr	aryl-hydrocarbon receptor repressor [Source:MGI Symbol;Acc:MGI:1333776]	23,20493619	1,49105224	2,81093919	4,5528355	82,6830233	9,6325E-20	6,91714E-18	protein_coding
ENSMUSG00000025492	Ilfm3	interferon induced transmembrane protein 3 [Source:MGI Symbol;Acc:MGI:1913391]	200,5567245	1,48863949	2,80624213	7,64941838	77,9197631	1,07312E-18	6,9497E-17	protein_coding
ENSMUSG00000036478	Btg1	B cell translocation gene 1, anti-proliferative [Source:MGI Symbol;Acc:MGI:88215]	93,54190727	1,48487448	2,7989282	6,551301	125,787473	3,42241E-29	5,86858E-27	protein_coding
ENSMUSG00000006651	Aplp1	amyloid beta (A4) precursor-like protein 1 [Source:MGI Symbol;Acc:MGI:88046]	2,7045129	1,47869678	2,78696866	1,45701577	13,6907794	0,00021551	0,001338501	protein_coding
ENSMUSG00000020250	Txnrd1	thioredoxin reductase 1 [Source:MGI Symbol;Acc:MGI:1354175]	311,36362441	1,46822499	2,76685108	8,2834286	51,5638492	6,93061E-13	2,0977E-11	protein_coding
ENSMUSG00000054484	Tmem62	transmembrane protein 62 [Source:MGI Symbol;Acc:MGI:2139461]	10,0808566	1,46741407	2,76525795	3,35443478	34,2028254	4,96568E-09	8,2789E-08	protein_coding
ENSMUSG00000030745	Il21r	interleukin 21 receptor [Source:MGI Symbol;Acc:MGI:1890475]	57,95615914	1,4634218	2,75761644	5,86218802	112,024499	3,52922E-26	5,03579E-24	protein_coding
ENSMUSG00000005447	Pafah1b3	platelet-activating factor acetylhydrolase, isoform 1b, subunit 3 [Source:MGI Symbol;Acc:MGI:108414]	7,918512572	1,46298012	2,75677232	2,98690485	28,591408	8,93779E-08	1,18313E-06	protein_coding
ENSMUSG00000018920	Cxcl16	chemokine (C-X-C motif) ligand 16 [Source:MGI Symbol;Acc:MGI:1932682]	133,8441623	1,46216881	2,75522247	7,06678941	77,0519629	1,66519E-18	1,05754E-16	protein_coding
ENSMUSG00000027848	Olfml3	olfactomedin-like 3 [Source:MGI Symbol;Acc:MGI:1914877]	7,992444055	1,46189607	2,75407164	3,00146919	20,1325175	7,22577E-06	6,48607E-05	protein_coding
ENSMUSG00000034472	Rasd2	RASD family, member 2 [Source:MGI Symbol;Acc:MGI:1922391]	3,322717207	1,44969034	2,73149415	1,73433496	13,7415951	0,000209757	0,001305724	protein_coding
ENSMUSG00000039693	7530528L13Rik	RIKEN cDNA 5730528L13 gene [Source:MGI Symbol;Acc:MGI:1913915]	3,120986304	1,44558448	2,72373148	1,67742581	12,6845807	0,000368683	0,002151207	protein_coding
ENSMUSG00000053318	Slamf8	SLAM family member 8 [Source:MGI Symbol;Acc:MGI:1921998]	10,0959864	1,44448236	2,72165152	3,34516445	42,9653447	5,57182E-11	1,29698E-09	protein_coding
ENSMUSG00000079625	Tm4sf19	transmembrane 4 L six family member 19 [Source:MGI Symbol;Acc:MGI:3645933]	5,762005848	1,44112663	2,71532829	2,52318999	19,1466739	1,21048E-05	0,000103018	protein_coding
ENSMUSG00000022901	Cd86	CD86 antigen [Source:MGI Symbol;Acc:MGI:101773]	21,36254281	1,44103957	2,71516442	4,415332	66,9057413	2,84804E-16	1,4159E-14	protein_coding
ENSMUSG00000033917	Gde1	glycerophosphodiester phosphodiesterase 1 [Source:MGI Symbol;Acc:MGI:1891827]	56,60198587	1,43710193	2,70776386	5,82439042	64,5497771	9,41242E-16	4,43838E-14	protein_coding
ENSMUSG00000041268	Dmx12	Dmx-like 2 [Source:MGI Symbol;Acc:MGI:2444630]	112,3508794	1,43520058	2,70419761	6,81440301	84,5209561	3,80164E-20	2,88059E-18	protein_coding
ENSMUSG00000030259	Rassf8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8 [Source:MGI Symbol;Acc:MGI:1918573]	27,14359303	1,42365788	2,68264821	4,76533358	48,0649903	4,12323E-12	1,11857E-10	protein_coding
ENSMUSG00000083696	Gm12563	predicted gene 12563 [Source:MGI Symbol;Acc:MGI:3652205]	5,480768245	1,42272194	2,68090842	2,48624534	13,9066802	0,000192122	0,00121104	pseudogene
ENSMUSG00000040274	Cdk6	cyclin-dependent kinase 6 [Source:MGI Symbol;Acc:MGI:1277162]	17,3110174	1,4185954	2,67325118	4,1166395	33,7295288	6,3332E-09	1,03392E-07	protein_coding
ENSMUSG00000022707	Gbe1	glucan (1,4-alpha-), branching enzyme 1 [Source:MGI Symbol;Acc:MGI:1921435]	45,24202165	1,41772849	2,67164531	5,50533425	55,7473107	8,24109E-14	2,86534E-12	protein_coding
ENSMUSG00000023805	Synj2	synaptotagmin 2 [Source:MGI Symbol;Acc:MGI:1201671]	24,000393073	1,41710629	2,67049334	4,59627149	54,4919554	1,56085E-13	5,2125E-12	protein_coding
ENSMUSG00000019806	Aig1	androgen-induced 1 [Source:MGI Symbol;Acc:MGI:1913503]	6,120792455	1,41445951	2,66559854	2,61336692	23,6186145	1,17446E-06	1,25645E-05	protein_coding
ENSMUSG00000035342	Lzts2	leucine zipper, putative tumor suppressor 2 [Source:MGI Symbol;Acc:MGI:2385095]	4,98637444	1,41428836	2,66582333	2,32753902	14,5900776	0,000133262	0,000877789	protein_coding
ENSMUSG00000026826	Nr4a2	nuclear receptor subfamily 4, group A, member 2 [Source:MGI Symbol;Acc:MGI:1352456]	3,289963724	1,41160677	2,66033287	1,72569999	16,3304924	5,3201E-05	0,000389679	protein_coding
ENSMUSG00000032374	Plod2	procollagen lysine, 2-oxoglutarate 5-dioxygenase 2 [Source:MGI Symbol;Acc:MGI:1347007]	2,212001941	1,40933925	2,65652309	1,17983671	7,98505209	0,004716514	0,019264066	protein_coding
ENSMUSG00000001036	Epn2	epsin 2 [Source:MGI Symbol;Acc:MGI:1333766]	7,596568522	1,40742913	2,65264043	2,9402739	21,3572863	3,81169E-06	3,66338E-05	protein_coding
ENSMUSG00000055013	Agap1	ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 [Source:MGI Symbol;Acc:MGI:2653690]	12,37448981	1,40325391	2,64497467	3,6303463	29,5968701	5,31908E-08	7,44467E-07	protein_coding
ENSMUSG00000035640	Dos	downstream of Stk11 [Source:MGI Symbol;Acc:MGI:1354170]	1,856324457	1,40318431	2,64484707	0,89332622	10,8552906	0,000985139	0,005074413	protein_coding
ENSMUSG00000014786	Slc9a5	solute carrier family 9 (sodium/hydrogen exchanger), member 5 [Source:MGI Symbol;Acc:MGI:2685542]	2,523807415	1,40288417	2,64429689	1,35954251	10,6158918	0,001121199	0,005658607	protein_coding
ENSMUSG00000031647	Mfap3l	microfibrillar-associated protein 3-like [Source:MGI Symbol;Acc:MGI:1918556]	26,80120617	1,40137905	2,64153963	4,74915428	33,7916722	6,13409E-09	1,0059E-07	protein_coding
ENSMUSG00000039153	Runx2	runt related transcription factor 2 [Source:MGI Symbol;Acc:MGI:99829]	5,064722269	1,40003766	2,63980472	2,36174785	19,0189455	1,29427E-05	0,000109723	protein_coding
ENSMUSG00000073492	Gm10521	predicted gene 10521 [Source:MGI Symbol;Acc:MGI:3642358]	12,49939144	1,39988101	2,63879818	3,64494746	38,6888727	4,97034E-10	9,92894E-09	protein_coding
ENSMUSG00000038894	Irs2	insulin receptor substrate 2 [Source:MGI Symbol;Acc:MGI:109334]	4,894620536	1,397606	2,63464029	2,2936189	20,0724815	7,45618E-06	6,66025E-05	protein_coding
ENSMUSG00000033721	Vav3	vav 3 oncogene [Source:MGI Symbol;Acc:MGI:1888518]	44,91707469	1,39457074	2,62910313	5,49303189	55,0298261	1,18715E-13	4,06329E-12	protein_coding
ENSMUSG00000007783	Cpt1c	carmitine palmitoyltransferase 1c [Source:MGI Symbol;Acc:MGI:2446526]	1,605841008	1,39417037	2,62837363	0,73225737	6,56682204	0,010389731	0,037528406	protein_coding
ENSMUSG00000010095	Slc32a2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 [Source:MGI Symbol;Acc:MGI:288706407]	288,7060407	1,39240117	2,62515239	8,17413638	62,434832	2,75409E-15	1,22013E-13	protein_coding
ENSMUSG00000022126	Irg1	immunoresponsive gene 1 [Source:MGI Symbol;Acc:MGI:103206]	238,9728411	1,38773543	2,61667624	7,90512354	92,7138486	6,04292E-22	5,72359E-20	protein_coding
ENSMUSG00000024621	Csf1r	colony stimulating factor 1 receptor [Source:MGI Symbol;Acc:MGI:1339758]	66,61305553	1,38724722	2,61579091	9,37666368	53,2513672	2,93483E-13	9,42836E-12	protein_coding
ENSMUSG00000040219	Ttc12	tetratricopeptide repeat domain 12 [Source:MGI Symbol;Acc:MGI:2444588]	13,92138705	1,38622376	2,61393589	3,81136221	29,000519	7,23589E-08	9,8392E-07	protein_coding
ENSMUSG00000002233	Rhoc	ras homolog gene family, member C [Source:MGI Symbol;Acc:MGI:106028]	34,1062959	1,38531978	2,61229854	5,09652066	58,0867519	2,5081E-14	9,43714E-13	protein_coding
ENSMUSG00000021493	Pdlim7	PDZ and LIM domain 7 [Source:MGI Symbol;Acc:MGI:1914649]	10,42318747	1,38231502	2,60686346	3,3931523	24,2835861	8,31446E-07	9,24605E-06	protein_coding
ENSMUSG00000036086	Zranb3	zinc finger, RAN-binding domain containing 3 [Source:MGI Symbol;Acc:MGI:1918362]	15,98234818	1,37985318	2,60241885	4,00703621	30,4289649	3,46318E-08	5,03973E-07	protein_coding
ENSMUSG00000001131	Timp1	tissue inhibitor of metalloproteinase 1 [Source:MGI Symbol;Acc:MGI:98752]	4,286622452	1,37873878	2,60040942	2,16190505	11,5324028	0,000683936	0,003694395	protein_coding
ENSMUSG00000032280	Tie3	transducin-like enhancer of split 3, homolog of Drosophila E(spl) [Source:MGI Symbol;Acc:MGI:104634]	32,04274372	1,37734221	2,59789337	5,00302254	87,9934494	6,56716E-21	5,58999E-19	protein_coding
ENSMUSG00000018537	Pcgf2	polycomb group ring finger 2 [Source:MGI Symbol;Acc:MGI:99161]	3,597062404	1,3722669	2,58877018	1,86968852	13,5593624	0,00231136	0,001420295	protein_coding
ENSMUSG00000025025	Mxi1	Max interacting protein 1 [Source:MGI Symbol;Acc:MGI:97245]	11,00307874	1,37056417	2,58571662	3,4780237	39,3928766	3,46559E-10	7,1438E-09	protein_coding
ENSMUSG00000037814	Larp1b	La ribonucleoprotein domain family, member 1B [Source:MGI Symbol;Acc:MGI:1914604]	2,429237755	1,36565785	2,58049274	1,30804331	12,6621083	0,000373141	0,00217212	protein_coding
ENSMUSG00000026473	Glul	glutamate-ammonia ligase (glutamine synthetase) [Source:MGI Symbol;Acc:MGI:95739]	150,8001545	1,36817092	2,58143079	7,23791235	65,7728399	5,06008E-16	2,48192E-14	protein_coding
ENSMUSG00000027568	Fam84b	family with sequence similarity 84, member B [Source:MGI Symbol;Acc:MGI:3026924]	13,92604231	1,36583204	2,57724921	3,80561922	41,9202424	9,50073E-11	2,11451E-09	protein_coding
ENSMUSG00000001665	Gstt3	glutathione S-transferase, theta 3 [Source:MGI Symbol;Acc:MGI:2143526]	2,391661354	1,36560448	2,57648272	1,25614809	11,7113821	0,00062119	0,00393839	protein_coding
ENSMUSG00000097081			1,738803654	1,35988227	2,56664234	0,8050104	8,97880174	0,002731297	0,012193726	lincRNA
ENSMUSG00000037820	Tgm2	transglutaminase 2, C polypeptide [Source:MGI Symbol;Acc:MGI:98731]	86,92773109	1,35952916	2,56601421	6,44483546	76,5208124	2		

ENSMUSG00000020644	Id2	inhibitor of DNA binding 2 [Source:MGI Symbol;Acc:MGI:96397]		Sheet1	168,5107621	1,36444485	2,54284733	7,39848406	46,5659699	8,85854E-12	2,29549E-10	protein_coding
ENSMUSG00000036875	Dna2	DNA replication helicase 2 homolog (yeast) [Source:MGI Symbol;Acc:MGI:2443732]			4,691062019	1,34601128	2,54208325	2,23081461	10,9426102	0,000939777	0,004868141	protein_coding
ENSMUSG00000004891	Nes	nestin [Source:MGI Symbol;Acc:MGI:101784]			2,680571584	1,34495854	2,54022897	1,44346049	8,13575431	0,004340079	0,019873343	protein_coding
ENSMUSG00000027669	Gnb4	guanine nucleotide binding protein (G protein), beta 4 [Source:MGI Symbol;Acc:MGI:104581]			4,929731158	1,34131022	2,53813329	2,31094101	11,1663225	0,000832956	0,004380892	protein_coding
ENSMUSG00000023827	Appgat4	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta) [Source:MGI Symbol;Acc:			12,53083637	1,33928097	2,53025182	3,66258708	35,0129505	3,2752E-09	5,62259E-08	protein_coding
ENSMUSG00000037594	BC022687	cDNA sequence BC022687 [Source:MGI Symbol;Acc:MGI:2443738]			3,822425059	1,33792855	2,527881	1,93324731	14,2900293	0,000156693	0,0001012695	protein_coding
ENSMUSG00000026797	Stxbp1	syntaxin binding protein 1 [Source:MGI Symbol;Acc:MGI:107363]			33,76164033	1,337734	2,52754013	5,08249223	55,2649988	1,05328E-13	3,63495E-12	protein_coding
ENSMUSG00000005237	Dnahc2	dynein, axonemal, heavy chain 2 [Source:MGI Symbol;Acc:MGI:107731]			2,636769388	1,33469617	2,52223588	1,39520931	12,6614889	0,000373285	0,002172172	protein_coding
ENSMUSG00000030032	Wdr54	WD repeat domain 54 [Source:MGI Symbol;Acc:MGI:1922909]			1,667275444	1,33454525	2,51818068	0,7789161	8,20756818	0,004171602	0,01740729	protein_coding
ENSMUSG00000022885	Stc6a1	beta galactoside alpha 2,6 sialyltransferase 1 [Source:MGI Symbol;Acc:MGI:108470]			8,951275728	1,33353977	2,52020269	3,17057206	20,217584	6,91474E-06	6,2499E-05	protein_coding
ENSMUSG00000031150	Ccd120	coiled-coil domain containing 120 [Source:MGI Symbol;Acc:MGI:1859619]			2,41853796	1,3319307	2,51739342	1,28394287	11,7394709	0,000611884	0,003347994	protein_coding
ENSMUSG00000028599	Tnfrsf1b	tumor necrosis factor receptor superfamily, member 1b [Source:MGI Symbol;Acc:MGI:1314883]			887,865038	1,33087901	2,51558997	9,79437367	47,2751377	6,16897E-12	1,63322E-10	protein_coding
ENSMUSG00000063193	Cd300lb	CD300 antigen like family member B [Source:MGI Symbol;Acc:MGI:2685099]			87,81172794	1,33066882	2,51414668	6,4585681	57,843747	2,83788E-14	1,06054E-12	protein_coding
ENSMUSG00000072115	Ang	angiogenin, ribonuclease, RNase A family, 5 [Source:MGI Symbol;Acc:MGI:88022]			3,024599016	1,32911504	2,5124851	1,58839783	11,5416719	0,000680534	0,003681452	protein_coding
ENSMUSG00000021728	Emb	embigin [Source:MGI Symbol;Acc:MGI:95321]			91,6372549	1,32820306	2,51089736	6,52202672	67,3435496	2,28087E-16	1,16018E-14	protein_coding
ENSMUSG00000021196	Ptkp	phosphofructokinase, platelet [Source:MGI Symbol;Acc:MGI:1891833]			90,33467935	1,32764761	2,50993083	6,49960355	87,6711933	7,72919E-21	6,38501E-19	protein_coding
ENSMUSG00000049848	Ceacam19	carcinoembryonic antigen-related cell adhesion molecule 19 [Source:MGI Symbol;Acc:MGI:2443001]			5,688115743	1,32448119	2,5442809	2,52511716	15,3157756	9,09388E-05	0,000627313	protein_coding
ENSMUSG00000025366	Esys1	extended synaptotagmin-like protein 1 [Source:MGI Symbol;Acc:MGI:1344426]			277,2289964	1,32426642	2,50405529	8,11537286	46,803481	7,84739E-12	2,04796E-10	protein_coding
ENSMUSG000000061436	Hipk2	homeodomain interacting protein kinase 2 [Source:MGI Symbol;Acc:MGI:1314872]			81,75133771	1,32061043	2,49970211	6,35449537	61,1896059	5,18345E-15	2,15722E-13	protein_coding
ENSMUSG00000030060	8430410A17Rik	RIKEN cDNA 8430410A17 gene [Source:MGI Symbol;Acc:MGI:1914053]			10,41962393	1,31869355	2,49440125	3,39708883	32,7011385	1,07474E-08	1,70392E-07	protein_coding
ENSMUSG00000021458	2010111101Rik	RIKEN cDNA 2010111101 gene [Source:MGI Symbol;Acc:MGI:1919311]			28,80148731	1,31708637	2,49162399	4,85138663	40,2828592	2,19728E-10	4,6786E-09	protein_coding
ENSMUSG00000030108	Slc6a13	solute carrier family 6 (neurotransmitter transporter, GABA), member 13 [Source:MGI Symbol;Acc:MGI:95629]			3,839975225	1,31654067	2,49068171	1,93535153	14,1981417	0,000164533	0,001057148	protein_coding
ENSMUSG00000032902	Slc16a1	solute carrier family 16 (monocarboxylic acid transporters), member 1 [Source:MGI Symbol;Acc:MGI:106013]			11,89723946	1,31627683	2,49022626	3,58685854	30,1371118	4,02554E-08	5,75144E-07	protein_coding
ENSMUSG00000044813	Shb	src homology 2 domain-containing transforming protein B [Source:MGI Symbol;Acc:MGI:98294]			4,595357904	1,31205655	2,4829523	2,20064477	16,9496451	3,38454E-05	0,000289451	protein_coding
ENSMUSG00000030852	Tacc2	transforming, acidic coiled-coil containing protein 2 [Source:MGI Symbol;Acc:MGI:1928899]			9,205182132	1,31120278	2,48148336	3,20363189	25,0281708	5,64988E-07	6,39292E-06	protein_coding
ENSMUSG00000040734	Ppp1r13l	protein phosphatase 1, regulatory (inhibitor) subunit 13 like [Source:MGI Symbol;Acc:MGI:3525053]			5,604828609	1,30979927	2,47907044	2,50336092	17,7467081	2,52354E-05	0,000199612	protein_coding
ENSMUSG00000023067	Cdkn1a	cyclin-dependent kinase inhibitor 1A (P21) [Source:MGI Symbol;Acc:MGI:104556]			371,9374981	1,30782092	2,47567326	8,53939399	35,812312	2,17271E-09	3,90696E-08	protein_coding
ENSMUSG00000003657	Calb2	calbindin 2 [Source:MGI Symbol;Acc:MGI:101914]			11,12284518	1,30600675	2,4725621	3,47830941	25,1775979	5,2286E-07	5,95302E-06	protein_coding
ENSMUSG00000001768	Rin2	Ras and Rab interactor 2 [Source:MGI Symbol;Acc:MGI:1921280]			57,46778259	1,30576045	2,47214001	5,85145886	49,2732429	2,22679E-12	6,33828E-11	protein_coding
ENSMUSG00000019992	Fam54a	family with sequence similarity 54, member A [Source:MGI Symbol;Acc:MGI:1919054]			5,746067801	1,30428043	2,46905252	2,55183787	15,5779079	7,91743E-05	0,000555484	protein_coding
ENSMUSG00000049625	Tifab	TRAF-interacting protein with forkhead-associated domain, family member B [Source:MGI Symbol;Acc:MGI:2385852]			24,69823183	1,30424999	2,46955311	4,62826607	55,9978305	7,2551E-14	2,53859E-12	protein_coding
ENSMUSG00000039959	Hip1	huntingtin interacting protein 1 [Source:MGI Symbol;Acc:MGI:1099804]			87,53836214	1,30368462	2,4685855	6,45450464	47,8934403	4,50025E-12	1,20596E-10	protein_coding
ENSMUSG00000056501	Cebpb	CCAAT/enhancer binding protein (C/EBP), beta [Source:MGI Symbol;Acc:MGI:88373]			119,3148017	1,3034705	2,46821916	6,90065133	79,6452986	4,48035E-19	3,01997E-17	protein_coding
ENSMUSG00000044042	Fmn1	formin 1 [Source:MGI Symbol;Acc:MGI:101815]			54,09022114	1,30314099	2,46765549	5,76241283	50,0497368	1,49898E-12	4,35695E-11	protein_coding
ENSMUSG00000020696	Rffi	ring finger and FYVE like domain containing protein [Source:MGI Symbol;Acc:MGI:1914588]			16,60014233	1,30175915	2,46529305	4,06738128	38,9343137	4,38308E-10	8,90146E-09	protein_coding
ENSMUSG00000034157	231004G17Rik	RIKEN cDNA 231004G17 gene [Source:MGI Symbol;Acc:MGI:1919185]			78,05176996	1,29948237	2,46140553	6,28770136	41,4831735	1,1889E-10	2,61772E-09	protein_coding
ENSMUSG00000040415	Dtx3	deltex 3 homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2135752]			24,13202636	1,29579986	2,45513076	4,59796012	49,7413254	1,75412E-12	5,07172E-11	protein_coding
ENSMUSG00000032369	Plscr1	phospholipid scramblase 1 [Source:MGI Symbol;Acc:MGI:893575]			19,14648717	1,2893006	2,4440954	4,2660634	46,3091378	1,00992E-11	2,59252E-10	protein_coding
ENSMUSG00000036273	Lrk2	leucine-rich repeat kinase 2 [Source:MGI Symbol;Acc:MGI:1913975]			5,362303348	1,28281858	2,43313872	2,42754688	14,3626135	0,000150766	0,000979001	protein_coding
ENSMUSG00000063954	Hist2h2aa1	histone cluster 2, H2aa1 [Source:MGI Symbol;Acc:MGI:96097]			12,63020977	1,28043755	2,42912638	3,64141388	17,6184846	2,69957E-05	0,00021201	protein_coding
ENSMUSG00000043346	Gm6741	predicted gene 6741 [Source:MGI Symbol;Acc:MGI:3643504]			4,465784272	1,28009723	2,42855344	2,13217806	7,52095159	0,006098546	0,023995924	protein_coding
ENSMUSG00000006219	Fblim1	filamin binding LIM protein 1 [Source:MGI Symbol;Acc:MGI:1921452]			90,50402793	1,27864754	2,42611432	6,50011744	45,0292157	1,94117E-11	4,82525E-10	protein_coding
ENSMUSG00000046711	Hmgc1	high mobility group AT-hook 1 [Source:MGI Symbol;Acc:MGI:96160]			258,0699648	1,27579704	2,42132551	8,01182743	49,6067357	1,87868E-12	5,41759E-11	protein_coding
ENSMUSG00000026478	Lamc1	laminin, gamma 1 [Source:MGI Symbol;Acc:MGI:99914]			30,50354261	1,27466458	2,4194256	4,93778077	46,50589	9,13435E-12	2,36139E-10	protein_coding
ENSMUSG00000019947	Arid5b	AT rich interactive domain 5B (MRF1-like) [Source:MGI Symbol;Acc:MGI:2175912]			16,12906294	1,27433101	2,41903393	4,02397358	42,2490407	8,03594E-11	1,81295E-09	protein_coding
ENSMUSG00000059013	Sh2d3c	SH2 domain containing 3C [Source:MGI Symbol;Acc:MGI:1351631]			47,89886367	1,26960597	2,41095709	5,57645427	35,8178702	2,06592E-09	3,90212E-08	protein_coding
ENSMUSG00000016227	Ildr1	interferon-related developmental regulator 1 [Source:MGI Symbol;Acc:MGI:1316717]			73,49437115	1,26953819	2,41084382	6,20350387	71,251042	3,14545E-17	1,70242E-15	protein_coding
ENSMUSG00000035919	Bbs9	Bardet-Biedl syndrome 9 (human) [Source:MGI Symbol;Acc:MGI:2442833]			3,951178334	1,26729822	2,40716357	1,99127408	14,5770509	0,000134543	0,000885165	protein_coding
ENSMUSG00000026785	Pkn3	protein kinase N3 [Source:MGI Symbol;Acc:MGI:2388285]			3,745707933	1,26404955	2,40668872	1,92210645	13,6915763	0,000215419	0,001338501	protein_coding
ENSMUSG00000000278	Scpep1	serine carboxypeptidase 1 [Source:MGI Symbol;Acc:MGI:1921867]			169,0997395	1,26259076	2,39926209	7,4034439	59,5473705	1,19386E-14	4,66793E-13	protein_coding
ENSMUSG00000009687	Fxyd5	FXYD domain-containing ion transport regulator 5 [Source:MGI Symbol;Acc:MGI:1201785]			180,3656575	1,25919837	2,39362702	7,49602047	63,6009533	1,52355E-15	7,03322E-14	protein_coding
ENSMUSG00000030122	Ptms	parathyromosin [Source:MGI Symbol;Acc:MGI:1916452]			113,7150915	1,25774962	2,39122456	6,82947333	73,3237649	1,10035E-17	6,32961E-16	protein_coding
ENSMUSG00000071454	Dtnb	dystrobrevin, beta [Source:MGI Symbol;Acc:MGI:1203728]			6,082456058	1,25714738	2,39022657	2,60514438	17,2459895	3,2839E-05	0,000251605	protein_coding
ENSMUSG00000034957	Cebpa	CCAAT/enhancer binding protein (C/EBP), alpha [Source:MGI Symbol;Acc:MGI:99480]			62,26641796	1,25381291	2,38470847	5,96079445	36,6672732	1,40112E-09	2,57858E-08	protein_coding
ENSMUSG00000022257	Laptm4b	lysosomal-associated protein transmembrane 4B [Source:MGI Symbol;Acc:MGI:1890494]			7,286145139	1,25051389	2,37926157	2,87807211	17,8131366	2,43695E-05	0,000193599	protein_coding
ENSMUSG00000050460	Slc8a1	solute carrier family 8 (sodium/calcium exchanger), member 1 [Source:MGI Symbol;Acc:MGI:107956]			6,67901221	1,24965974	2,37785335	2,76205452	16,8734856	3,99558E-05	0,00029986	protein_coding
ENSMUSG00000035042	Ccl5	chemokine (C-C motif) ligand 5 [Source:MGI Symbol;Acc:MGI:98262]			7,881119518	1,24772079	2,37465972	3,00438007	24,9528328	5,87501E-07	6,62718E-06	protein_coding
ENSMUSG00000035235	Trim13	tripartite motif-containing 13 [Source:MGI Symbol;Acc:MGI:1913847]			13,22161629	1,2470314	2,37352525	3,73560989	33,3662684	7,63366E-09	1,2334E-07	protein_coding
ENSMUSG00000026043	Col3a1	collagen, type III, alpha 1 [Source:MGI Symbol;Acc:MGI:88453]			8,087729199	1,24428206	2,36900633	3,04531489	11,6091727	0,000656273	0,003558971	protein_coding
ENSMUSG00000028417	Tal2	T cell acute lymphocytic leukemia 2 [Source:MGI Symbol;Acc:MGI:99540]			7,220157268	1,24222653	2,36891517	2,8638598	24,0286016	9,49152E-07	1,04283E-05	protein_coding
ENSMUSG00000028063	Lmna	lamin A [Source:MGI Symbol;Acc:MGI:96794]			213,816664	1,24420776	2,36888434	7,74021702	51,0900504	8,82243E-13	2,62689E-11	protein_coding
ENSMUSG000000057329	Bcl2	B cell leukemia/lymphoma 2 [Source:MGI Symbol;Acc:MGI:88138]			7,307337362	1,24261075	2,36626312	2,87307446	15,6709694	7,53722E-05	0,000533235	protein_coding
ENSMUSG00000089942	Pira2	paired-Ig-like receptor A2 [Source:MGI Symbol;Acc:MGI:1195970]			43,44785375	1,24094115	2,36352668	5,4405674	48,5400947	3,23605E-12	9,04693E-11	protein_coding
ENSMUSG00000048612	Myof	myoferlin [Source:MGI Symbol;Acc:MGI:191912]			245,914846	1,24045834	2,36273584	7,94256659	48,5019636	3,29958E-12		

ENSMUSG00000024164	C3	complement component 3 [Source:MGI Symbol;Acc:MGI:88227]										
ENSMUSG00000028716	Pdzk1ip1	PDZK1 interacting protein 1 [Source:MGI Symbol;Acc:MGI:1914432]										
ENSMUSG00000029490	Mfsd7a	major facilitator superfamily domain containing 7A [Source:MGI Symbol;Acc:MGI:2442629]										
ENSMUSG00000029223	Uchl1	ubiquitin carboxy-terminal hydrolase L1 [Source:MGI Symbol;Acc:MGI:103149]										
ENSMUSG00000002059	Rab34	RAB34, member of RAS oncogene family [Source:MGI Symbol;Acc:MGI:104606]										
ENSMUSG000000098210	H1f0	H1 histone family, member 0 [Source:MGI Symbol;Acc:MGI:95893]										
ENSMUSG00000075297	H60b	histocompatibility 60b [Source:MGI Symbol;Acc:MGI:3649078]										
ENSMUSG00000026389	Steap3	STEAP family member 3 [Source:MGI Symbol;Acc:MGI:1915678]										
ENSMUSG00000023495	Pcbp4	poly(rC) binding protein 4 [Source:MGI Symbol;Acc:MGI:1890471]										
ENSMUSG00000037465	Klf10	Kruppel-like factor 10 [Source:MGI Symbol;Acc:MGI:1101353]										
ENSMUSG00000022074	Tnfrsf10b	tumor necrosis factor receptor superfamily, member 10b [Source:MGI Symbol;Acc:MGI:1341090]										
ENSMUSG00000029444	Cd36	CD36 antigen [Source:MGI Symbol;Acc:MGI:107899]										
ENSMUSG00000031808	Slc27a1	solute carrier family 27 (fatty acid transporter), member 1 [Source:MGI Symbol;Acc:MGI:1347098]										
ENSMUSG00000027435	Cd93	CD93 antigen [Source:MGI Symbol;Acc:MGI:106664]										
ENSMUSG00000028717	Tal1	T cell acute lymphocytic leukemia 1 [Source:MGI Symbol;Acc:MGI:98480]										
ENSMUSG00000054000	Tusc1	tumor suppressor candidate 1 [Source:MGI Symbol;Acc:MGI:2684283]										
ENSMUSG00000015837	Sqstm1	sequestosome 1 [Source:MGI Symbol;Acc:MGI:107931]										
ENSMUSG00000042659	Ardc4	arrestin domain containing 4 [Source:MGI Symbol;Acc:MGI:1913662]										
ENSMUSG00000021796	Bmpr1a	bone morphogenetic protein receptor, type 1A [Source:MGI Symbol;Acc:MGI:1338938]										
ENSMUSG00000072844	G530011006Rik	RIKEN cDNA G530011006 gene [Source:MGI Symbol;Acc:MGI:3603513]										
ENSMUSG00000050106	Tmc8	transmembrane channel-like gene family 8 [Source:MGI Symbol;Acc:MGI:2669037]										
ENSMUSG00000028412	Slc44a1	solute carrier family 44, member 1 [Source:MGI Symbol;Acc:MGI:2140592]										
ENSMUSG00000079037	Prnp	prion protein [Source:MGI Symbol;Acc:MGI:97769]										
ENSMUSG00000031379	Pir	pirin [Source:MGI Symbol;Acc:MGI:1916906]										
ENSMUSG00000043085	Tmem82	transmembrane protein 82 [Source:MGI Symbol;Acc:MGI:2384869]										
ENSMUSG00000021876	Rnase4	ribonuclease, RNase A family 4 [Source:MGI Symbol;Acc:MGI:1926217]										
ENSMUSG00000037905	Bri3bp	Bri3 binding protein [Source:MGI Symbol;Acc:MGI:1924059]										
ENSMUSG00000032122	Slc37a2	solute carrier family 37 (glycerol-3-phosphate transporter), member 2 [Source:MGI Symbol;Acc:MGI:1929693]										
ENSMUSG00000033039	Mical1	microtubule associated monooxygenase, calponin and LIM domain containing -like 1 [Source:MGI Symbol;Acc:MGI:10587]										
ENSMUSG00000026814	Eng	endoglin [Source:MGI Symbol;Acc:MGI:95392]										
ENSMUSG00000041716	AK010878	cDNA sequence AK010878 [Source:MGI Symbol;Acc:MGI:4845848]										
ENSMUSG00000023947	Nfkbie	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, epsilon [Source:MGI Symbol;Acc:MGI:11949]										
ENSMUSG00000044340	Phlpp1	PH domain and leucine rich repeat protein phosphatase 1 [Source:MGI Symbol;Acc:MGI:2138237]										
ENSMUSG00000001313	Rnd2	Rho family GTPase 2 [Source:MGI Symbol;Acc:MGI:1338755]										
ENSMUSG00000064220	Hist2h2aa2	histone cluster 2, H2aa2 [Source:MGI Symbol;Acc:MGI:2448283]										
ENSMUSG00000043953	Ccr2l	chemokine (C-C motif) receptor-like 2 [Source:MGI Symbol;Acc:MGI:1920904]										
ENSMUSG00000067825	Pex26b	peroxisomal biogenesis factor 26 [Source:MGI Symbol;Acc:MGI:1921293]										
ENSMUSG00000030427	Lilra6	leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 6 [Source:MGI Symbol;Acc:MGI:119596]										
ENSMUSG00000062593	Lilrb4	leukocyte immunoglobulin-like receptor, subfamily B, member 4 [Source:MGI Symbol;Acc:MGI:102701]										
ENSMUSG00000075010	AW112010	expressed sequence AW112010 [Source:MGI Symbol;Acc:MGI:2147706]										
ENSMUSG00000027935	Rab13	RAB13, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:1927232]										
ENSMUSG00000042289	Hsd3b7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7 [Source:MGI Symbol;Acc:MGI:2141879]										
ENSMUSG00000050931	Sgms2	sphingomyelin synthase 2 [Source:MGI Symbol;Acc:MGI:1921692]										
ENSMUSG00000001473	Tubb6	tubulin, beta 6 class V [Source:MGI Symbol;Acc:MGI:1915201]										
ENSMUSG00000041308	Sntb2	syntrophin, basic 2 [Source:MGI Symbol;Acc:MGI:101771]										
ENSMUSG00000031373	Car5b	carbonic anhydrase 5b, mitochondrial [Source:MGI Symbol;Acc:MGI:1926249]										
ENSMUSG00000023050	Map3k12	mitogen-activated protein kinase kinase kinase 12 [Source:MGI Symbol;Acc:MGI:1346881]										
ENSMUSG00000032350	Gclc	glutamate-cysteine ligase, catalytic subunit [Source:MGI Symbol;Acc:MGI:104990]										
ENSMUSG00000034854	Mfsd12	major facilitator superfamily domain containing 12 [Source:MGI Symbol;Acc:MGI:3604804]										
ENSMUSG00000027318	Adam33	a disintegrin and metallopeptidase domain 33 [Source:MGI Symbol;Acc:MGI:1341813]										
ENSMUSG00000039960	Rhou	ras homolog gene family, member U [Source:MGI Symbol;Acc:MGI:1916831]										
ENSMUSG00000025037	Maoa	monoamine oxidase A [Source:MGI Symbol;Acc:MGI:96915]										
ENSMUSG00000017009	Sdc4	syndecan 4 [Source:MGI Symbol;Acc:MGI:1349164]										
ENSMUSG00000047205	Dusp18	dual specificity phosphatase 18 [Source:MGI Symbol;Acc:MGI:1922469]										
ENSMUSG00000035678	Tnfsf9	tumor necrosis factor (ligand) superfamily, member 9 [Source:MGI Symbol;Acc:MGI:1101058]										
ENSMUSG00000029553	Tfec	transcription factor EC [Source:MGI Symbol;Acc:MGI:1333760]										
ENSMUSG00000015143	Actn1	actinin, alpha 1 [Source:MGI Symbol;Acc:MGI:2137706]										
ENSMUSG00000040522	Tlr8	tolllike receptor 8 [Source:MGI Symbol;Acc:MGI:2176887]										
ENSMUSG00000033318	Gstt2	glutathione S-transferase, theta 2 [Source:MGI Symbol;Acc:MGI:106188]										
ENSMUSG00000071266	Zfp946	zinc finger protein 946 [Source:MGI Symbol;Acc:MGI:1921399]										
ENSMUSG00000027230	Creb3l1	cAMP responsive element binding protein 3-like 1 [Source:MGI Symbol;Acc:MGI:1347062]										
ENSMUSG00000039981	Zc3h12d	zinc finger CCH type containing 12D [Source:MGI Symbol;Acc:MGI:3045313]										
ENSMUSG00000045404	Kcnk13	potassium channel, subfamily K, member 13 [Source:MGI Symbol;Acc:MGI:2384976]										
ENSMUSG00000037992	Rara	retinoic acid receptor, alpha [Source:MGI Symbol;Acc:MGI:97856]										
ENSMUSG00000020773	Trim47	tripartite motif-containing 47 [Source:MGI Symbol;Acc:MGI:1917374]										
ENSMUSG00000030671	Pde3b	phosphodiesterase 3B, cGMP-inhibited [Source:MGI Symbol;Acc:MGI:1333863]										
ENSMUSG00000020704	Slc43a3	solute carrier family 43, member 3 [Source:MGI Symbol;Acc:MGI:1931054]										
ENSMUSG00000036381	P2ry14	purinergic receptor P2Y, G-protein coupled, 14 [Source:MGI Symbol;Acc:MGI:2155705]										
ENSMUSG00000026536	Mnda	myeloid cell nuclear differentiation antigen [Source:MGI Symbol;Acc:MGI:3041120]										
ENSMUSG00000018983	Ezfl2	E2F transcription factor 2 [Source:MGI Symbol;Acc:MGI:1096341]										
ENSMUSG00000008398	Elk3	ELK3, member of ETS oncogene family [Source:MGI Symbol;Acc:MGI:101762]										

ENSMUSG00000028108	Ecm1	extracellular matrix protein 1 [Source:MGI Symbol;Acc:MGI:10360]	Sheet1	31,20258614	1,13610811	2,19787313	4,97073421	25,0196173	5,675E-07	6,41473E-06	protein_coding
ENSMUSG00000006800	Sulf2	sulfatase 2 [Source:MGI Symbol;Acc:MGI:191293]		6,139039842	1,13238117	2,19220266	2,63336827	10,9759046	0,000923042	0,004788225	protein_coding
ENSMUSG00000045679	Pqlc3	PQ loop repeat containing [Source:MGI Symbol;Acc:MGI:2444067]		70,01802161	1,1131533	2,19091422	6,13246576	33,9723074	5,59021E-09	9,27789E-08	protein_coding
ENSMUSG00000000957	Mmp14	matrix metalloproteinase 14 (membrane-inserted) [Source:MGI Symbol;Acc:MGI:101900]		66,18078327	1,13095872	2,19004228	6,05857377	72,359924	5,92719E-17	1,00009E-15	protein_coding
ENSMUSG00000035929	H2-Q4	histocompatibility 2, Q region locus 4 [Source:MGI Symbol;Acc:MGI:95933]		60,22056075	1,12660186	2,18343844	5,91235939	63,2685856	1,80358E-15	8,1884E-14	protein_coding
ENSMUSG00000040613	Apobec1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1 [Source:MGI Symbol;Acc:MGI:103298]		124,4742511	1,12515188	2,18124508	6,96099347	52,4598172	4,39142E-13	1,36295E-11	protein_coding
ENSMUSG00000055148	Klf2	Kruppel-like factor 2 (lung) [Source:MGI Symbol;Acc:MGI:1342772]		10,17303236	1,12446969	2,18021391	3,32738154	26,8201908	2,23292E-07	2,71384E-06	protein_coding
ENSMUSG00000081534	Slc48a1	solute carrier family 48 (heme transporter), member 1 [Source:MGI Symbol;Acc:MGI:1914989]		421,1782366	1,12306919	2,17890849	8,71874715	28,8352589	7,88034E-08	1,0581E-06	protein_coding
ENSMUSG00000032688	Malt1	mucosa associated lymphoid tissue lymphoma translocation gene 1 [Source:MGI Symbol;Acc:MGI:2445027]		29,79193839	1,12243245	2,17713738	4,9016628	50,8172075	1,01381E-12	2,97827E-11	protein_coding
ENSMUSG00000073421	H2-Ab1	histocompatibility 2, class II antigen A, beta 1 [Source:MGI Symbol;Acc:MGI:103070]		9,258540238	1,12224016	2,17684722	3,2017232	17,9091006	2,3171E-05	0,000185554	protein_coding
ENSMUSG00000097855				1,651862121	1,12028896	2,17387496	0,71165306	6,55215312	0,014757531	0,037750612	lincRNA
ENSMUSG00000074800	Gm4149	predicted pseudogene 4149 [Source:MGI Symbol;Acc:MGI:3782325]		6,990019792	1,11780335	2,17016292	2,83191585	6,42099147	0,011277918	0,040126452	processed_pseudogene
ENSMUSG00000078880	Gm14308	predicted gene 14308 [Source:MGI Symbol;Acc:MGI:3782921]		3,367797263	1,11596445	2,16739852	1,83245446	6,73569917	0,009450219	0,034679209	protein_coding
ENSMUSG00000029925	Tbxas1	thromboxane A synthase 1, platelet [Source:MGI Symbol;Acc:MGI:98497]		80,82710468	1,11514675	2,16617042	6,33944845	56,1429096	6,73902E-14	2,38803E-12	protein_coding
ENSMUSG00000040212	Emp3	epithelial membrane protein 3 [Source:MGI Symbol;Acc:MGI:1098729]		141,713677	1,11434378	2,16496511	7,14826048	35,7133098	2,28597E-09	4,09054E-08	protein_coding
ENSMUSG00000032507	Fbxl2	F-box and leucine-rich repeat protein 2 [Source:MGI Symbol;Acc:MGI:1919429]		5,248099141	1,1139779	2,16441613	2,392557	12,1565823	0,000489149	0,002753219	protein_coding
ENSMUSG00000052151	Ppap2c	phosphatidic acid phosphatase type 2C [Source:MGI Symbol;Acc:MGI:1354945]		11,71877823	1,11331675	2,16342446	3,56482353	20,749734	5,23388E-06	4,07774E-05	protein_coding
ENSMUSG00000037649	H2-DMa	histocompatibility 2, class II, locus DMA [Source:MGI Symbol;Acc:MGI:95921]		6,590656377	1,11307146	2,16305667	2,73169492	17,7318785	2,54329E-05	0,000200885	protein_coding
ENSMUSG00000018906	P4ha2	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide [Source:MGI Symbol;Acc:MGI:1933044]		15,53399185	1,11273061	2,16254569	3,97163745	24,0021179	9,62298E-07	1,05622E-05	protein_coding
ENSMUSG00000026315	Serpinb8	serine (or cysteine) peptidase inhibitor, clade B, member 8 [Source:MGI Symbol;Acc:MGI:894657]		31,27371486	1,11267596	2,16246376	4,97476322	45,7117169	1,37001E-11	3,6029E-10	protein_coding
ENSMUSG00000020261	Slc36a1	solute carrier family 36 (proton/amino acid symporter), member 1 [Source:MGI Symbol;Acc:MGI:2445299]		56,59031474	1,11123534	2,16030555	5,82511247	55,0136153	1,19698E-13	4,06603E-12	protein_coding
ENSMUSG00000028862	Map3k6	mitogen-activated protein kinase kinase kinase 6 [Source:MGI Symbol;Acc:MGI:1855691]		4,762213614	1,10974906	2,15808107	2,25484817	13,2839883	0,000267682	0,001615949	protein_coding
ENSMUSG00000051344	Plekhd3	pleckstrin homology domain containing, family M, member 3 [Source:MGI Symbol;Acc:MGI:2443627]		60,48912273	1,10915339	2,1571902	5,92236952	41,1101546	1,43887E-10	3,12428E-09	protein_coding
ENSMUSG00000074003	Gas2l3	growth arrest-specific 2 like 3 [Source:MGI Symbol;Acc:MGI:1918780]		54,98218348	1,10674782	2,15396228	5,78292305	36,2043249	1,77676E-09	3,22665E-08	protein_coding
ENSMUSG00000028085	Aifm2	apoptosis-inducing factor, mitochondrion-associated 2 [Source:MGI Symbol;Acc:MGI:1918611]		15,47903518	1,1062637	2,15287373	3,96041429	23,9004384	1,01449E-06	1,10687E-05	protein_coding
ENSMUSG00000024781	Lipa	lysosomal acid lipase A [Source:MGI Symbol;Acc:MGI:96789]		723,5152877	1,10466207	2,150485	9,49905661	19,6382938	9,35748E-06	8,17905E-05	protein_coding
ENSMUSG00000022272	Myo10	myosin X [Source:MGI Symbol;Acc:MGI:107716]		54,17800421	1,1032978	2,14845237	5,76289704	38,50133	5,47164E-10	1,07748E-08	protein_coding
ENSMUSG00000038668	Lpar1	lysophosphatidic acid receptor 1 [Source:MGI Symbol;Acc:MGI:108429]		4,487529187	1,10244863	2,14718818	2,20921087	11,1671949	0,000832584	0,004380892	protein_coding
ENSMUSG00000021451	Sema4d	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4		422,2782026	1,09791961	2,14045812	6,93420368	40,7805414	1,70321E-10	3,66206E-09	protein_coding
ENSMUSG00000056602	Fry	furry homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2443895]		4,107802395	1,09571924	2,13639622	2,03038231	11,2538131	0,000794596	0,004209367	protein_coding
ENSMUSG00000002489	Tiam1	T cell lymphoma invasion and metastasis 1 [Source:MGI Symbol;Acc:MGI:103306]		15,24292854	1,09417938	2,13491611	3,93021111	25,317862	4,86186E-07	5,58757E-06	protein_coding
ENSMUSG00000073274	Gm14636	predicted gene 14636 [Source:MGI Symbol;Acc:MGI:3641976]		2,044746098	1,09373617	2,13426034	1,03729186	6,50019257	0,010786281	0,038633996	lincRNA
ENSMUSG00000049676	Catsperg1	cation channel, sperm-associated, gamma 1 [Source:MGI Symbol;Acc:MGI:2443617]		2,945687446	1,0922219	2,13202137	1,53847089	9,65164762	0,001891818	0,00892914	protein_coding
ENSMUSG00000056888	Glipr1	GLI pathogenesis-related 1 (glioma) [Source:MGI Symbol;Acc:MGI:1920940]		222,151258	1,09151726	2,13098031	7,79622271	27,6265976	1,47142E-07	1,85183E-06	protein_coding
ENSMUSG00000035158	Mif	microphthalmia-associated transcription factor [Source:MGI Symbol;Acc:MGI:104554]		72,38912198	1,09055609	2,12956104	6,18127746	56,1774134	6,62179E-14	2,35448E-12	protein_coding
ENSMUSG00000005802	Slc30a4	solute carrier family 30 (zinc transporter), member 4 [Source:MGI Symbol;Acc:MGI:1345282]		10,00961969	1,0901861	2,12901498	3,33146919	20,3240954	6,53721E-06	5,9359E-05	protein_coding
ENSMUSG00000029822	Osbpl3	oxysterol binding protein-like 3 [Source:MGI Symbol;Acc:MGI:1918970]		11,73418245	1,08818709	2,12606703	3,5600664	21,9635935	2,77827E-06	2,74302E-05	protein_coding
ENSMUSG00000036353	P2ry12	purinergic receptor P2Y, G-protein coupled 12 [Source:MGI Symbol;Acc:MGI:1918089]		1,791112427	1,08795641	2,12572447	0,85997419	6,39763435	0,011427253	0,004549959	protein_coding
ENSMUSG00000022305	Lrp12	low density lipoprotein-related protein 12 [Source:MGI Symbol;Acc:MGI:2443132]		68,43469114	1,08681225	2,12404193	6,09938297	39,6995596	2,96192E-10	6,17508E-09	protein_coding
ENSMUSG00000029392	Rilpl1	Rab interacting lysosomal protein-like 1 [Source:MGI Symbol;Acc:MGI:1922945]		5,553994359	1,08668072	2,12338483	2,49115773	13,9382642	0,000188913	0,001194241	protein_coding
ENSMUSG00000040829	Zmynd15	zinc finger, MYND-type containing 15 [Source:MGI Symbol;Acc:MGI:3603821]		12,92829515	1,08631752	2,1231368	3,70059338	30,4039685	3,5081E-08	5,09161E-07	protein_coding
ENSMUSG00000036620	Mgat4b	mannoside acetylglucosaminyltransferase 4, isoenzyme B [Source:MGI Symbol;Acc:MGI:2143974]		72,48174107	1,08528085	2,12178849	6,18103081	46,0616794	1,14588E-11	2,9143E-10	protein_coding
ENSMUSG00000029781	Fkbp9	FK506 binding protein 9 [Source:MGI Symbol;Acc:MGI:1350921]		5,426384615	1,08520754	2,12180868	2,46333475	8,86547813	0,002906141	0,012864534	protein_coding
ENSMUSG00000015340	Cybb	cytochrome b-245, beta polypeptide [Source:MGI Symbol;Acc:MGI:88574]		524,1290028	1,08498573	2,1213545	9,03448565	40,2072937	2,28394E-10	4,84433E-09	protein_coding
ENSMUSG00000015396	Cd83	CD83 antigen [Source:MGI Symbol;Acc:MGI:1328316]		32,37820232	1,08433597	2,1203993	5,02831267	45,5355551	1,49893E-11	3,77724E-10	protein_coding
ENSMUSG00000021756	Il6st	interleukin 6 signal transducer [Source:MGI Symbol;Acc:MGI:96560]		28,68757016	1,08065382	2,11499437	4,85183075	37,5239237	9,02896E-10	7,11645E-08	protein_coding
ENSMUSG00000074677	Sirpb1c	signal-regulatory protein beta 1C [Source:MGI Symbol;Acc:MGI:3807521]		28,92439944	1,07713612	2,10984369	4,86301514	36,2801746	1,70893E-09	3,11378E-08	protein_coding
ENSMUSG00000024242	Map4k3	mitogen-activated protein kinase kinase kinase kinase 3 [Source:MGI Symbol;Acc:MGI:2154405]		48,14692796	1,07646395	2,10886091	5,59103826	41,1790971	1,389E-10	3,02642E-09	protein_coding
ENSMUSG00000022114	Spry2	sprouty homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:1345138]		4,770772812	1,07339986	2,10438673	2,26966052	10,1333353	0,001456117	0,007113542	protein_coding
ENSMUSG00000022221	Ripk3	receptor-interacting serine-threonine kinase 3 [Source:MGI Symbol;Acc:MGI:2154952]		30,29232672	1,07017359	2,099686	4,93181904	46,0963831	1,12576E-11	2,86978E-10	protein_coding
ENSMUSG00000033307	Mif	macrophage migration inhibitory factor [Source:MGI Symbol;Acc:MGI:96982]		107,0015009	1,06805457	2,09660426	6,7432995	40,868979	2,42913E-10	5,12262E-09	protein_coding
ENSMUSG00000029561	Oas12	2'-5' oligoadenylate synthetase-like 2 [Source:MGI Symbol;Acc:MGI:1344390]		135,7627169	1,06804485	2,09659013	7,08607644	41,7738259	1,02466E-10	2,26063E-09	protein_coding
ENSMUSG00000012519	Mkl1	mixed lineage kinase domain-like [Source:MGI Symbol;Acc:MGI:1921818]		26,5735369	1,06671303	2,09465555	4,73887068	28,0472537	1,18389E-07	1,53389E-06	protein_coding
ENSMUSG00000047959	Kcna3	potassium voltage-gated channel, shaker-related subfamily, member 3 [Source:MGI Symbol;Acc:MGI:96660]		3,237371736	1,0661014	2,09367773	1,7213886	7,59824928	0,005842501	0,02314043	protein_coding
ENSMUSG00000015745	Plekho1	pleckstrin homology domain containing, family O member 1 [Source:MGI Symbol;Acc:MGI:1914470]		108,0963892	1,06528278	2,09258	6,75683728	50,0750478	1,47977E-12	4,31252E-11	protein_coding
ENSMUSG00000022562	Oplah	5-oxoprolinase (ATP-hydrolyzing) [Source:MGI Symbol;Acc:MGI:1922725]		3,753795807	1,06470597	2,09174353	1,91578942	9,65177761	0,001891684	0,00892914	protein_coding
ENSMUSG000000082016	Pgam1-ps2	phosphoglycerate mutase 1, pseudogene 2 [Source:MGI Symbol;Acc:MGI:3645709]		81,46243298	1,06353657	2,09004871	6,35729358	42,6431571	6,56938E-11	1,51316E-09	pseudogene
ENSMUSG00000073678	Pgap1	post-GPI attachment to proteins 1 [Source:MGI Symbol;Acc:MGI:2443342]		29,60828501	1,06251607	2,08857083	4,89236131	34,6786569	3,88872E-09	6,62408E-08	protein_coding
ENSMUSG00000015501	Hivp2	human immunodeficiency virus type 1 enhancer binding protein 2 [Source:MGI Symbol;Acc:MGI:1338076]		34,80057883	1,06245972	2,08848926	5,13464434	55,0775103	1,15869E-13	9,97829E-12	protein_coding
ENSMUSG00000033161	Atp1a1	ATPase, Na+/K+ transporting, alpha 1 polypeptide [Source:MGI Symbol;Acc:MGI:88105]		433,2406117	1,06205865	2,08790874	8,75943868	33,8385027	5,98819E-09	3,98391E-08	protein_coding
ENSMUSG00000052688	5430435G22Rik	RIKEN cDNA 5430435G22 gene [Source:MGI Symbol;Acc:MGI:2442295]		122,9831732	1,06038486	2,08548777	7,05688159	32,780033	1,03199E-08	1,63852E-07	protein_coding
ENSMUSG00000029098	Acox3	acyl-Coenzyme A oxidase 3, pristanoyl [Source:MGI Symbol;Acc:MGI:1933156]		54,26720872	1,05920014	2,08377592	5,762402	50,8376196	1,00332E-12	2,95536E-11	protein_coding
ENSMUSG00000023249	Parp3	poly (ADP-ribose) polymerase family, member 3 [Source:MGI Symbol;Acc:MGI:1891258]		26,18848729	1,05865993	2,0829958	4,71150464	37,3492821	9,87572E-10	1,86434E-08	protein_coding
ENSMUSG00000030530	Furin	furin (paired basic amino acid cleaving enzyme) [Source:MGI Symbol;Acc:MGI:97513]		85,11028469	1,05825689	2,08241396	6,41150489	57,9181889	2,73249E-14	1,02464E-12	protein_coding
ENSMUSG00000033871	Pparg1b	peroxisome proliferative activated receptor, gamma, coactivator 1 beta [Source:MGI Symbol;Acc:MGI:2444934]		4,182010383	1,05554097	2,07849744	2,10797095	9,52184447	0,002030404	0,009492787	protein_coding
ENSMUSG00000097242				4,197626292	1,05224168	2,07374956	2,06534779	10,2235737	0,001386569</		

ENSMUSG00000036825	Ssx2ip	synovial sarcoma, X breakpoint 2 interacting protein [Source:MGI Symbol;Acc:MGI:2139150]	Sheet1	6,528333761	1,04471507	2,06295889	2,72763882	14,8768834	0,000114761	0,000769766	protein_coding
ENSMUSG00000020100	Slc29a3	solute carrier family 29 (nucleoside transporters), member 3 [Source:MGI Symbol;Acc:MGI:1918529]		63,55333014	1,04428579	2,06234513	5,99252751	49,3276605	2,16587E-12	6,21316E-11	protein_coding
ENSMUSG00000015243	Abca1	ATP-binding cassette, sub-family A (ABC1), member 1 [Source:MGI Symbol;Acc:MGI:99607]		669,4807427	1,04388725	2,0617755	9,38689897	35,656882	2,35315E-09	4,18351E-08	protein_coding
ENSMUSG00000038539	Atf5	activating transcription factor 5 [Source:MGI Symbol;Acc:MGI:2141857]		75,49339502	1,0408161	2,05739114	6,23582047	51,507823	7,13124E-13	2,1466E-11	protein_coding
ENSMUSG00000043664	Tmem221	transmembrane protein 221 [Source:MGI Symbol;Acc:MGI:3525074]		7,146604013	1,04061523	2,05710471	2,84162236	16,0268467	6,24506E-05	0,000450522	protein_coding
ENSMUSG00000078875	Gm14419	predicted gene 14419 [Source:MGI Symbol;Acc:MGI:3702410]		2,306656514	1,04049911	2,05693914	1,21079035	6,02271012	0,014122943	0,0047891598	protein_coding
ENSMUSG00000043391	2510009E07Rik	RIKEN cDNA 2510009E07 gene [Source:MGI Symbol;Acc:MGI:1919440]		53,81268749	1,03983077	2,05598647	5,75790747	41,8003649	1,01085E-10	2,23464E-09	protein_coding
ENSMUSG00000031762	Mt2	metallothionein 2 [Source:MGI Symbol;Acc:MGI:97172]		32,49590382	1,03645797	2,0511885	5,02846956	27,4674726	1,59759E-07	1,99463E-06	protein_coding
ENSMUSG00000022802	Lmln	leishmanolysin-like (metallopeptidase M8 family) [Source:MGI Symbol;Acc:MGI:2444736]		3,997606204	1,03600912	2,05054744	2,0079481	10,3831945	0,001271675	0,006310701	protein_coding
ENSMUSG00000032567	Aste1	asteroid homolog 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:1913845]		4,423933305	1,03317667	2,04652554	2,14689331	9,72990328	0,00181294	0,008652813	protein_coding
ENSMUSG00000061589	Dot1l	DOT1-like, histone H3 methyltransferase (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2143886]		106,0199222	1,03294732	2,04620023	6,72827549	38,8596787	4,5539E-10	9,21432E-09	protein_coding
ENSMUSG00000023473	Celsr3	cadherin, EGF LAG seven-pass G-type receptor 3 (flamingo homolog, Drosophila) [Source:MGI Symbol;Acc:MGI:18582]		5,083559175	1,03200749	2,04486767	2,34865823	12,2296749	0,000470354	0,002665177	protein_coding
ENSMUSG00000025212	Sfnx3	sideroflexin 3 [Source:MGI Symbol;Acc:MGI:2137679]		39,61454635	1,03170025	2,04443224	5,31062061	36,2145604	1,76745E-09	3,21506E-08	protein_coding
ENSMUSG00000042210	Abhd14a	abhydrolase domain containing 14A [Source:MGI Symbol;Acc:MGI:1915894]		3,140169702	1,03165534	2,04436861	1,68883041	7,74358596	0,005390365	0,021590938	protein_coding
ENSMUSG00000007867	Ift43	intraflagellar transport 43 homolog (Chlamydomonas) [Source:MGI Symbol;Acc:MGI:1923661]		3,590715674	1,03083542	2,04320707	1,85554388	8,09263694	0,00444545	0,018323533	protein_coding
ENSMUSG00000039195	1110008P14Rik	RIKEN cDNA 1110008P14 gene [Source:MGI Symbol;Acc:MGI:1920987]		11,53396215	1,02670787	2,03736981	3,52867059	21,5733538	3,4055E-06	3,30754E-05	protein_coding
ENSMUSG00000074158	9830147E19Rik	RIKEN cDNA 9830147E19 gene [Source:MGI Symbol;Acc:MGI:3036263]		3,762899521	1,02647209	2,03703687	5,6610879	8,93344685	0,002799955	0,0015459741	protein_coding
ENSMUSG00000028803	Nipal3	NIPA-like domain containing 3 [Source:MGI Symbol;Acc:MGI:1921802]		12,19779898	1,02645891	2,03701826	3,62495851	26,0543555	3,31939E-07	3,91731E-06	protein_coding
ENSMUSG00000046798	Cldn12	claudin 12 [Source:MGI Symbol;Acc:MGI:1929288]		3,572319627	1,02509861	2,03509848	1,85574875	8,67178342	0,0003231748	0,014067833	protein_coding
ENSMUSG00000042363	Lgalsl	lectin, galactoside binding-like [Source:MGI Symbol;Acc:MGI:1916114]		3,3865265	1,02029053	2,03832738	1,77599677	7,7329255	0,005422282	0,021710866	protein_coding
ENSMUSG00000078247	Airm	antisense lgr7 RNA [Source:MGI Symbol;Acc:MGI:1353471]		3,965860811	1,01755242	2,02448145	2,00508723	8,37512115	0,003803922	0,016153149	antisense
ENSMUSG00000025647	Shisa5	shisa homolog 5 (Xenopus laevis) [Source:MGI Symbol;Acc:MGI:1915044]		203,4451707	1,01707141	2,02380658	7,66964328	37,7040341	8,23341E-10	1,57872E-08	protein_coding
ENSMUSG00000035168	Tanc1	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1 [Source:MGI Symbol;Acc:MGI:1914110]		19,78276114	1,01699413	2,02369817	4,30954432	26,3010762	2,92126E-07	3,50009E-06	protein_coding
ENSMUSG00000074417	Gm14548	predicted gene 14548 [Source:MGI Symbol;Acc:MGI:3709645]		6,37029061	1,01680108	2,02342739	5,67348858	9,85902718	0,001690004	0,008136757	protein_coding
ENSMUSG00000037960	1110007C09Rik	RIKEN cDNA 1110007C09 gene [Source:MGI Symbol;Acc:MGI:1915730]		52,16056571	1,01553159	2,02164767	5,70577555	39,9453007	2,61175E-10	5,48668E-09	protein_coding
ENSMUSG00000037110	Ralgapa2	Ral GTPase activating protein, alpha subunit 2 (catalytic) [Source:MGI Symbol;Acc:MGI:3036245]		36,98429191	1,0137633	2,01917129	5,2170685	27,8185363	1,33243E-07	1,70623E-06	protein_coding
ENSMUSG00000050914	Ankrp37	ankyrin repeat domain 37 [Source:MGI Symbol;Acc:MGI:3603344]		2,758835962	1,01295622	2,01804203	1,48107873	6,31370366	0,011980831	0,04214966	protein_coding
ENSMUSG00000026107	Nabp1	nucleic acid binding protein 1 [Source:MGI Symbol;Acc:MGI:1923258]		30,01981436	1,01205002	2,01677483	4,91432257	28,7672665	8,1619E-08	1,08961E-06	protein_coding
ENSMUSG00000039982	Dtx4	deltex 4 homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2672905]		55,52540035	1,01075021	2,01495861	5,79884703	29,9405338	4,45502E-08	3,61577E-07	protein_coding
ENSMUSG00000038175	Myliip	myosin regulatory light chain interacting protein [Source:MGI Symbol;Acc:MGI:2388271]		75,09433008	1,0058291	2,00775456	6,23089603	52,9818785	3,3664E-13	1,63898E-11	protein_coding
ENSMUSG00000037966	Ninj1	ninjurin 1 [Source:MGI Symbol;Acc:MGI:1196617]		166,8411989	1,00406689	2,00564586	7,38347775	39,7528996	2,88212E-10	6,02013E-09	protein_coding
ENSMUSG00000007891	Ctsd	cathepsin D [Source:MGI Symbol;Acc:MGI:88562]		5035,457245	1,00107008	2,00148399	12,2979203	11,5616972	0,000673244	0,003645603	protein_coding
ENSMUSG00000035637	Grhpr	glyoxylate reductase/hydroxypyruvate reductase [Source:MGI Symbol;Acc:MGI:1923488]		3,356194158	1,00088205	2,00122315	1,7466402	8,00273115	0,004670685	0,019098182	protein_coding
ENSMUSG00000021360	Gont2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme [Source:MGI Symbol;Acc:MGI:1100870]		2,192652156	0,9996133	1,999464	1,15539284	6,15156227	0,013129607	0,045277775	protein_coding
ENSMUSG00000020782	Lig12	lethal giant larvae homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:1918843]		4,076187646	0,9995698	1,9994037	2,02751128	8,7356182	0,003120533	0,013681292	protein_coding
ENSMUSG00000027002	Nckap1	NCK-associated protein 1 [Source:MGI Symbol;Acc:MGI:1355333]		6,436467719	0,99929828	1,99902744	2,70551676	9,45517738	0,002105539	0,009802356	protein_coding
ENSMUSG00000070427	I18bp	interleukin 18 binding protein [Source:MGI Symbol;Acc:MGI:1333800]		9,996606257	0,99873094	1,99824149	3,27896255	13,4599005	0,000243717	0,001491763	protein_coding
ENSMUSG00000031521	Aga	aspartylglucosaminidase [Source:MGI Symbol;Acc:MGI:1048731]		24,2272612	0,9982016	1,99750843	4,60664106	28,7953215	8,04552E-08	1,07655E-06	protein_coding
ENSMUSG00000066595	Mfsd7b	major facilitator superfamily domain containing 7B [Source:MGI Symbol;Acc:MGI:2444881]		42,01245936	0,99647511	1,99511943	5,3968511	29,0878505	6,91694E-08	9,44055E-07	protein_coding
ENSMUSG00000036181	Hist1h1c	histone cluster 1, H1c [Source:MGI Symbol;Acc:MGI:1931526]		63,20629476	0,9959194	1,99435107	5,98264019	54,9304652	1,2487E-13	4,20844E-12	protein_coding
ENSMUSG00000028970	Abcb1b	ATP-binding cassette, sub-family B (MDR/TAP), member 1B [Source:MGI Symbol;Acc:MGI:97568]		18,55538609	0,99479495	1,99279727	4,21796421	18,1052431	2,08075E-05	0,000169738	protein_coding
ENSMUSG00000058056	Palld	palladin, cytoskeletal associated protein [Source:MGI Symbol;Acc:MGI:1919583]		9,366787296	0,9947003	1,99266654	3,23439578	12,5027351	0,000406357	0,002341185	protein_coding
ENSMUSG00000042272	Sestd1	SEC14 and spectrin domains 1 [Source:MGI Symbol;Acc:MGI:1916262]		43,96652686	0,9945451	1,99260329	5,46245018	29,1881676	6,56791E-08	8,99771E-07	protein_coding
ENSMUSG00000041440	Gk5	glycerol kinase 5 (putative) [Source:MGI Symbol;Acc:MGI:2443336]		3,035296728	0,99431806	1,99213865	1,60995224	8,01463867	0,004640073	0,019036775	protein_coding
ENSMUSG00000026811	St6galnac6	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglucosaminidase alpha-2,6-sialyltransferase 6 [Source:2]		24,11068047	0,99414571	1,99190067	4,59801365	36,0563012	1,91698E-09	3,46412E-08	protein_coding
ENSMUSG00000033446	Lpar6	lysophosphatidic acid receptor 6 [Source:MGI Symbol;Acc:MGI:1914418]		21,41979969	0,99355283	1,99108227	4,42194365	34,8159971	3,62384E-09	6,19208E-08	protein_coding
ENSMUSG00000030231	Plekha5	pleckstrin homology domain containing, family A member 5 [Source:MGI Symbol;Acc:MGI:1923802]		2,413068711	0,99350405	1,99101495	1,29974475	7,13293937	0,007568056	0,028761755	protein_coding
ENSMUSG00000069206	Zfp874a	zinc finger protein 874a [Source:MGI Symbol;Acc:MGI:3040703]		7,609519648	0,98972077	1,98580061	2,93933607	11,5111363	0,000691805	0,003727738	protein_coding
ENSMUSG00000020184	Mdm2	transformed mouse 3T3 cell double minute 2 [Source:MGI Symbol;Acc:MGI:96952]		209,3593302	0,98866274	1,98434481	7,71085338	32,9270443	9,56829E-09	1,52801E-07	protein_coding
ENSMUSG00000051790	Nlgn2	neuroligin 2 [Source:MGI Symbol;Acc:MGI:2681835]		10,27342578	0,98801093	1,98344849	3,3583918	17,5597622	2,78418E-05	0,000218031	protein_coding
ENSMUSG00000020635	Fkbp1b	FK506 binding protein 1b [Source:MGI Symbol;Acc:MGI:1336205]		5,615343495	0,98769593	1,98301547	2,49601097	11,670269	0,000635068	0,003459343	protein_coding
ENSMUSG00000025330	Padi4	peptidyl arginine deiminase, type IV [Source:MGI Symbol;Acc:MGI:1338898]		7,145217349	0,98750004	1,97224623	2,83516693	14,1424919	0,000169472	0,001084297	protein_coding
ENSMUSG00000018932	Map2k3	mitogen-activated protein kinase kinase 3 [Source:MGI Symbol;Acc:MGI:1346868]		64,19161138	0,98731744	1,98249529	6,00705193	44,1242139	3,08185E-11	7,40925E-10	protein_coding
ENSMUSG00000019796	Lrp11	low density lipoprotein receptor-related protein 11 [Source:MGI Symbol;Acc:MGI:2442989]		11,04508716	0,98647722	1,98134103	3,47702102	20,7376385	5,26705E-06	4,9E-05	protein_coding
ENSMUSG00000026558	Uck2	uridine-cytidine kinase 2 [Source:MGI Symbol;Acc:MGI:1931744]		5,698471924	0,98483026	1,97980845	2,52983599	11,8360678	0,000580944	0,003199413	protein_coding
ENSMUSG00000033249	Hsf4	heat shock transcription factor 4 [Source:MGI Symbol;Acc:MGI:1347058]		4,150304269	0,98423855	1,97869692	2,03393666	6,38854722	0,003775926	0,016067427	protein_coding
ENSMUSG00000023045	Soat2	sterol O-acetyltransferase 2 [Source:MGI Symbol;Acc:MGI:1332226]		2,899780951	0,98399624	1,97793668	1,52236043	6,5144752	0,00699989	0,038395162	protein_coding
ENSMUSG00000035202	Lars2	leucyl-tRNA synthetase, mitochondrial [Source:MGI Symbol;Acc:MGI:2142973]		126,19837	0,98260712	1,97603311	6,98277914	19,8198104	8,50961E-06	7,52779E-05	protein_coding
ENSMUSG00000024899	Papss2	3'-phosphoadenosine 5'-phosphosulfate synthase 2 [Source:MGI Symbol;Acc:MGI:1330223]		4,869867612	0,98062112	1,9733148	2,30886856	7,62488253	0,005756842	0,02834087	protein_coding
ENSMUSG00000034485	Uaca	uveal autoantigen with coiled-coil domains and ankyrin repeats [Source:MGI Symbol;Acc:MGI:1919815]		6,512648709	0,97981395	1,97221106	2,71824757	8,25961187	0,004053679	0,017012137	protein_coding
ENSMUSG00000053580	Tanc2	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 [Source:MGI Symbol;Acc:MGI:2444121]		55,91234531	0,97967059	1,97201509	5,81111833	35,5540784	2,48067E-09	4,37482E-08	protein_coding
ENSMUSG00000068923	Syt11	synaptotagmin XI [Source:MGI Symbol;Acc:MGI:1859547]		12,21490436	0,97912828	1,97127394	3,61913753	17,0078638	3,72253E-05	0,000281289	protein_coding
ENSMUSG00000070056	Mfhas1	malignant fibrous histiocytoma amplified sequence 1 [Source:MGI Symbol;Acc:MGI:1098644]		36,75664224	0,9763153	1,96743408	5,20315449	39,7859785	2,83372E-10	5,9303E-09	protein_coding
ENSMUSG00000040061	Ptcb2	phospholipase C, beta 2 [Source:MGI Symbol;Acc:MGI:107465]		33,79460869	0,97603314	1,96704934	5,07886253	35,4582384	2,60578E-09	4,58075E-08	protein_coding
ENSMUSG00000009073	Nf2	neurofibromatosis 2 [Source:MGI Symbol;Acc:MGI:97307]		111,047077	0,97180035	1,96128658	6,79571628	40,343188	2,13047E-10	4,55398E-0	

ENSMUSG00000078122	F630028O10Rik	RIKEN cDNA F630028O10 gene [Source:MGI Symbol;Acc:MGI:3641813]		Sheet1	8,668878046	0,96579124	1,95313442	3,1226356	14,2442157	0,000160553	0,001034605	antisense
ENSMUSG00000030545	Pex11a	peroxisomal biogenesis factor 11 alpha [Source:MGI Symbol;Acc:MGI:1338788]			5,733082604	0,965022	1,95209329	2,54167106	11,2888507	0,000779739	0,004146658	protein_coding
ENSMUSG00000027999	Pla2g12a	phospholipase A2, group XIIA [Source:MGI Symbol;Acc:MGI:1913600]			11,81103122	0,96483626	1,95184198	3,56351015	20,4809931	5,9972E-06	5,49552E-05	protein_coding
ENSMUSG00000027660	Skil	SKI-like [Source:MGI Symbol;Acc:MGI:106203]			135,2863605	0,96443702	1,95130192	7,08237677	47,924435	4,43266E-12	1,19286E-10	protein_coding
ENSMUSG00000016526	Dyrk3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3 [Source:MGI Symbol;Acc:MGI:1330300]			2,33077551	0,96431518	1,95113713	1,21018203	6,27371958	0,012254164	0,04291887	protein_coding
ENSMUSG00000050605	Zfp61	zinc finger protein 61 [Source:MGI Symbol;Acc:MGI:99663]			4,8682907316	0,96262966	1,94885892	2,2921242	9,71216581	0,001830562	0,008714012	protein_coding
ENSMUSG00000003545	Fosb	FBJ osteosarcoma oncogene B [Source:MGI Symbol;Acc:MGI:95575]			2,744593963	0,95949094	1,9446236	1,47544365	7,03217914	0,008005788	0,030185171	protein_coding
ENSMUSG000000053113	Socs3	suppressor of cytokine signaling 3 [Source:MGI Symbol;Acc:MGI:1201791]			57,5761231	0,95940247	1,94450437	5,85559866	28,9168459	7,5553E-08	1,02395E-06	protein_coding
ENSMUSG00000017493	Igfbp4	insulin-like growth factor binding protein 4 [Source:MGI Symbol;Acc:MGI:96439]			65,94031674	0,95922835	1,94426969	6,04788309	38,4796996	5,5326E-10	1,08548E-08	protein_coding
ENSMUSG00000063524	Eno1	enolase 1, alpha non-neuron [Source:MGI Symbol;Acc:MGI:95393]			733,2715062	0,9583049	1,94302559	9,5184665	24,2537667	8,44418E-07	9,36188E-06	protein_coding
ENSMUSG00000021823	Vcl	vinculin [Source:MGI Symbol;Acc:MGI:98927]			59,05601811	0,95816507	1,94283727	5,892409	27,8666863	1,29968E-07	1,67209E-06	protein_coding
ENSMUSG00000058881	Zfp516	zinc finger protein 516 [Source:MGI Symbol;Acc:MGI:2443957]			43,24283083	0,9579757	1,94258227	5,43734182	32,0656459	1,4905E-08	2,30002E-07	protein_coding
ENSMUSG00000032489	Kif9	kinesin family member 9 [Source:MGI Symbol;Acc:MGI:1098237]			2,565535718	0,95758559	1,94205705	1,3452574	6,39928189	0,011416653	0,040549959	protein_coding
ENSMUSG00000031722	Hp	haptoglobin [Source:MGI Symbol;Acc:MGI:96211]			12,81388338	0,95657719	1,9407001	3,72725879	17,7963485	2,45855E-05	0,000195033	protein_coding
ENSMUSG00000033033	Calhm2	calcium homeostasis modulator 2 [Source:MGI Symbol;Acc:MGI:1919941]			10,90897236	0,95537073	1,93907785	3,44890179	19,6863987	9,12485E-06	8,00757E-05	protein_coding
ENSMUSG00000020053	Igf1	insulin-like growth factor 1 [Source:MGI Symbol;Acc:MGI:96432]			199,3606232	0,95297849	1,93586519	7,63936133	28,2033512	1,092115E-07	1,42343E-06	protein_coding
ENSMUSG00000068854	Hist2h2be	histone cluster 2, H2be [Source:MGI Symbol;Acc:MGI:2444841]			2,480953768	0,95059141	1,93266476	1,33851222	6,58259718	0,010298053	0,023716856	protein_coding
ENSMUSG00000025234	Atp10a	ATPase, class V, type 10A [Source:MGI Symbol;Acc:MGI:1330809]			5,043522762	0,9493743	1,93103498	2,35264303	7,96978566	0,004756457	0,019398364	protein_coding
ENSMUSG00000042215	Bag2	BCL2-associated athanogene 2 [Source:MGI Symbol;Acc:MGI:1891254]			3,717233999	0,94828891	1,92958274	1,89885088	6,19313452	0,012824683	0,044416297	protein_coding
ENSMUSG00000030539	Sema4b	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4			12,72293115	0,9481899	1,92945032	3,67891645	18,107036	2,08828E-05	0,000169704	protein_coding
ENSMUSG00000041235	Chd7	chromodomain helicase DNA binding protein 7 [Source:MGI Symbol;Acc:MGI:2444748]			16,78524049	0,94587516	1,92635709	4,07775323	23,960049	9,83556E-07	1,07526E-05	protein_coding
ENSMUSG00000028864	Hgf	hepatocyte growth factor [Source:MGI Symbol;Acc:MGI:96079]			11,63996422	0,94432769	1,9249194	3,52221276	18,3424983	1,84544E-05	0,0001512	protein_coding
ENSMUSG00000041439	Mfsd6	major facilitator superfamily domain containing 6 [Source:MGI Symbol;Acc:MGI:1922925]			33,46359911	0,94412964	1,92402779	5,06567165	32,5077509	1,18718E-08	1,8687E-07	protein_coding
ENSMUSG00000037552	Pleckhg2	pleckstrin homology domain containing, family G (with RhoGef domain) member 2 [Source:MGI Symbol;Acc:MGI:214187]			19,75418298	0,94145691	1,92046665	4,3161463	33,2614283	8,05649E-09	1,29221E-07	protein_coding
ENSMUSG00000040479	Sgms1	sphingomyelin synthase 1 [Source:MGI Symbol;Acc:MGI:2444110]			25,47980719	0,94038702	1,91904297	4,67979451	26,0646864	3,30168E-07	3,9006E-06	protein_coding
ENSMUSG00000027459	Fam110a	family with sequence similarity 110, member A [Source:MGI Symbol;Acc:MGI:1921097]			8,220582712	0,93951686	1,91788586	3,03949065	14,5379099	0,000137367	0,0090051	protein_coding
ENSMUSG00000023809	Rps6ka2	ribosomal protein S6 kinase, polypeptide 2 [Source:MGI Symbol;Acc:MGI:1342290]			31,67587147	0,93950267	1,91786699	4,98601546	27,6644345	1,44291E-07	1,82431E-06	protein_coding
ENSMUSG00000029426	Scarb2	scavenger receptor class B, member 2 [Source:MGI Symbol;Acc:MGI:1198458]			52,68692059	0,93947881	1,91783527	5,72301108	30,0652946	4,17471E-08	5,94523E-07	protein_coding
ENSMUSG00000026547	Tagln2	transglutn 2 [Source:MGI Symbol;Acc:MGI:1312985]			186,9059008	0,93518644	1,91213773	7,54728623	36,5401703	1,94552E-09	2,73855E-08	protein_coding
ENSMUSG00000056220	Pla2g4a	phospholipase A2, group IVA (cytosolic, calcium-dependent) [Source:MGI Symbol;Acc:MGI:1195256]			45,6662821	0,93443003	1,91115267	5,52073856	35,2427608	2,91062E-09	5,03606E-08	protein_coding
ENSMUSG00000031149	Praf2	PRA1 domain family 2 [Source:MGI Symbol;Acc:MGI:1859607]			14,33425621	0,93179572	1,90764897	3,8535029	25,1473063	5,31138E-07	6,03476E-06	protein_coding
ENSMUSG00000035107	Dcbl2d	discoidin, CUB and LCCL domain containing 2 [Source:MGI Symbol;Acc:MGI:1920629]			13,5853788	0,93130615	1,90700173	3,76922249	22,272614	1,86666E-06	9,1852E-05	protein_coding
ENSMUSG00000046079	Lrrc8d	leucine rich repeat containing 8D [Source:MGI Symbol;Acc:MGI:1922368]			75,91637264	0,928854	1,90376315	6,24836731	33,8259034	6,0271E-09	9,91314E-08	protein_coding
ENSMUSG00000054150	483142619Rik	RIKEN cDNA 483142619 gene [Source:MGI Symbol;Acc:MGI:2442408]			14,82792669	0,92754523	1,90203689	3,89321754	19,119917	1,22757E-05	0,00010431	protein_coding
ENSMUSG00000035239	Neu3	neuraminidase 3 [Source:MGI Symbol;Acc:MGI:1355305]			2,342037719	0,9269793	1,90129093	1,21979224	5,97889078	0,014478105	0,048899767	protein_coding
ENSMUSG00000042286	Stab1	stabilin 1 [Source:MGI Symbol;Acc:MGI:2178742]			527,893626	0,92657477	1,90075788	9,0444874	24,8283933	6,26675E-07	7,05459E-06	protein_coding
ENSMUSG00000018819	Lsp1	lymphocyte specific 1 [Source:MGI Symbol;Acc:MGI:96832]			4,739997203	0,92654611	1,90072012	2,23269058	8,63058824	0,000305648	0,014355398	protein_coding
ENSMUSG00000004085	B230120H2Rik	RIKEN cDNA B230120H23 gene [Source:MGI Symbol;Acc:MGI:2443258]			22,64750436	0,92602725	1,90027373	4,50759595	19,6055445	9,51926E-06	8,30723E-05	protein_coding
ENSMUSG00000044080	S100a1	S100 calcium binding protein A1 [Source:MGI Symbol;Acc:MGI:1338917]			23,82933041	0,92593115	1,89991009	4,57629572	20,6250193	5,58613E-06	5,16189E-05	protein_coding
ENSMUSG00000022385	Gtse1	G two S phase expressed protein 1 [Source:MGI Symbol;Acc:MGI:1352755]			11,32790387	0,92571372	1,89962378	3,51218827	10,262379	0,001357705	0,006686284	protein_coding
ENSMUSG00000038172	Tc39b	tetratricopeptide repeat domain 39B [Source:MGI Symbol;Acc:MGI:1917113]			18,14664122	0,92529025	1,89606626	4,19616479	22,934218	1,67641E-06	1,73761E-05	protein_coding
ENSMUSG00000074506	Gm10705	predicted gene 10705 [Source:MGI Symbol;Acc:MGI:3708678]			12,67544363	0,92485922	1,89498987	3,67591179	8,86829762	0,002901656	0,012849857	accessed_pseudoge
ENSMUSG00000001700	Gram3	GRAM domain containing 3 [Source:MGI Symbol;Acc:MGI:1914815]			7,221318892	0,92340578	1,89568729	2,87268641	12,0811845	0,000509332	0,002853663	protein_coding
ENSMUSG00000002602	Axl	AXL receptor tyrosine kinase [Source:MGI Symbol;Acc:MGI:1347244]			10,52118047	0,92232087	1,8951616	3,42219998	9,72380276	0,001818968	0,008667252	protein_coding
ENSMUSG00000014444	Fam38a	family with sequence similarity 38, member A [Source:MGI Symbol;Acc:MGI:3603204]			281,3913263	0,92075898	1,89311097	8,13694936	23,9149758	1,00685E-06	1,09963E-05	protein_coding
ENSMUSG00000064267	Hvcn1	hydrogen voltage-gated channel 1 [Source:MGI Symbol;Acc:MGI:1921346]			133,5715072	0,91970735	1,89173151	7,06208003	31,3022107	2,20828E-08	3,301E-07	protein_coding
ENSMUSG00000032661	Oas3	2'-5' oligoadenylate synthetase 3 [Source:MGI Symbol;Acc:MGI:2180850]			131,3502024	0,9167056	1,88779957	7,03843362	22,6742865	1,91919E-06	1,96397E-05	protein_coding
ENSMUSG00000028874	Fgr	Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog [Source:MGI Symbol;Acc:MGI:95527]			18,75382413	0,91659458	1,88765431	4,24472511	28,8691129	7,7438E-08	1,04394E-06	protein_coding
ENSMUSG00000069516	Ly2z	lysozyme 2 [Source:MGI Symbol;Acc:MGI:96897]			8025,586036	0,91643885	1,88745056	12,9704067	10,9290084	0,000946702	0,004895724	protein_coding
ENSMUSG00000038527	C1r1	complement component 1, r subcomponent-like [Source:MGI Symbol;Acc:MGI:2660692]			5,140906077	0,91544177	1,88614655	2,36783845	10,4095788	0,001256336	0,006234776	protein_coding
ENSMUSG00000017737	Mmp9	matrix metalloproteinase 9 [Source:MGI Symbol;Acc:MGI:97011]			21,02930783	0,91450959	1,88492822	4,44082274	30,166446	3,9651E-08	5,67987E-07	protein_coding
ENSMUSG000000061232	H2-K1	histocompatibility 2, K1, K region [Source:MGI Symbol;Acc:MGI:95904]			727,8689558	0,91424769	1,88486608	9,50721555	25,7145087	3,9584E-07	4,59068E-06	protein_coding
ENSMUSG00000019986	Ahi1	Abelson helper integration site 1 [Source:MGI Symbol;Acc:MGI:87971]			55,09696153	0,91051117	1,87971139	2,50876073	10,7044203	0,001068809	0,005431548	protein_coding
ENSMUSG00000022945	Chaf1b	chromatin assembly factor 1, subunit B (p60) [Source:MGI Symbol;Acc:MGI:1314881]			10,89120623	0,91026009	1,87907948	3,4497334	15,8674385	6,79376E-05	0,000484381	protein_coding
ENSMUSG00000035900	Gram4	GRAM domain containing 4 [Source:MGI Symbol;Acc:MGI:2676308]			7,324186192	0,90886111	1,87756273	2,87607939	11,9452623	0,000547865	0,003032441	protein_coding
ENSMUSG00000027078	Ube2l6	ubiquitin-conjugating enzyme E2L 6 [Source:MGI Symbol;Acc:MGI:1914500]			50,05403142	0,90871491	1,87737248	5,65023249	27,2717459	1,76776E-07	2,19462E-06	protein_coding
ENSMUSG00000021559	Dapk1	death associated protein kinase 1 [Source:MGI Symbol;Acc:MGI:1916885]			35,20142461	0,90699212	1,87513195	5,14238609	23,853518	1,03952E-06	1,12706E-05	protein_coding
ENSMUSG00000035954	Dock4	dedicator of cytokinesis 4 [Source:MGI Symbol;Acc:MGI:1918006]			38,54552268	0,9059343	1,87375756	5,27673967	28,8482535	7,82765E-08	1,05395E-06	protein_coding
ENSMUSG00000042460	C1gal1	core 1 synthase, glycoprotein-N-acetyl-galactosamine 3-beta-galactosyltransferase, 1 [Source:MGI Symbol;Acc:MGI:215			10,09917412	0,90210343	1,86878867	3,33926739	15,5783223	7,91569E-05	0,000555484	protein_coding
ENSMUSG00000033669	Zfp7	zinc finger protein 7 [Source:MGI Symbol;Acc:MGI:99208]			2,545889217	0,90145194	1,86794495	1,36368742	5,95998095			

ENSMUSG00000037295	Ldrlap1	low density lipoprotein receptor adaptor protein 1 [Source:MGI Symbol;Acc:MGI:2140175]	Sheet1	67,52922531	0,88598644	1,84802777	6,07822026	27,0443827	1,98837E-07	2,43548E-06	protein_coding
ENSMUSG00000021939	Ctsb	cathepsin B [Source:MGI Symbol;Acc:MGI:88561]		7028,320286	0,88513148	1,84693294	12,7789718	9,03479231	0,002648891	0,011876788	protein_coding
ENSMUSG00000046562	Unc119b	unc-119 homolog B (C. elegans) [Source:MGI Symbol;Acc:MGI:2147162]		12,2140052	0,88182688	1,84270723	3,62356167	17,2481514	3,28017E-05	0,000251495	protein_coding
ENSMUSG00000024521	Pmaip1	phorbol-12-myristate-13-acetate-induced protein 1 [Source:MGI Symbol;Acc:MGI:1930146]		24,6704801	0,87919944	1,83935434	4,63381206	21,2137468	4,10807E-06	3,92482E-05	protein_coding
ENSMUSG00000023259	Slc26a6	solute carrier family 26, member 6 [Source:MGI Symbol;Acc:MGI:2159728]		5,510384321	0,87903236	1,83914135	2,46771426	9,72209092	0,001802663	0,008670837	protein_coding
ENSMUSG00000031765	Mt1	metallothionein 1 [Source:MGI Symbol;Acc:MGI:97171]		82,12800998	0,87600631	1,83528788	6,36083602	27,7703919	1,36601E-07	1,742E-06	protein_coding
ENSMUSG00000029772	Ahcy12	S-adenosylhomocysteine hydrolase-like 2 [Source:MGI Symbol;Acc:MGI:1921590]		52,84522221	0,87444688	1,83330508	5,73029906	35,0896302	3,14873E-09	5,43094E-08	protein_coding
ENSMUSG00000073411	H2-D1	histocompatibility 2, D region locus 1 [Source:MGI Symbol;Acc:MGI:95896]		1569,957018	0,87442636	1,833279	10,6165271	15,2022239	9,65896E-05	0,00066038	protein_coding
ENSMUSG00000026688	Mgst3	microsomal glutathione S-transferase 3 [Source:MGI Symbol;Acc:MGI:1913697]		6,916268914	0,87415341	1,83293219	2,78827323	7,03069946	0,008012405	0,03019679	protein_coding
ENSMUSG00000058351	2010107H07Rik	RIKEN cDNA 2010107H07 gene [Source:MGI Symbol;Acc:MGI:1913737]		7,931371423	0,87333554	1,83189321	2,97929599	12,0735289	0,000511428	0,00286262	protein_coding
ENSMUSG00000068566	Myadm	myeloid-associated differentiation marker [Source:MGI Symbol;Acc:MGI:1355332]		76,86702125	0,87303578	1,83151279	6,27169768	38,6076639	5,18151E-10	1,0332E-08	protein_coding
ENSMUSG00000087598	Zfp111	zinc finger protein 111 [Source:MGI Symbol;Acc:MGI:1929114]		8,160017628	0,87296819	1,83142699	3,04222717	12,8062198	0,000354569	0,002025436	protein_coding
ENSMUSG00000032261	Sh3bglr2	SH3 domain binding glutamic acid-rich protein like 2 [Source:MGI Symbol;Acc:MGI:1915350]		76,33636327	0,87200892	1,83020966	6,25579614	27,8290034	1,32524E-07	1,699E-06	protein_coding
ENSMUSG00000037697	Dhd1	DDHD domain containing 1 [Source:MGI Symbol;Acc:MGI:2150302]		12,09790609	0,87148351	1,82954323	3,60952354	16,9689535	3,79961E-05	0,000286916	protein_coding
ENSMUSG00000017607	Tns4	tensin 4 [Source:MGI Symbol;Acc:MGI:2144377]		3,544555393	0,86716027	1,82406896	1,85800209	6,85042385	0,008862025	0,032860973	protein_coding
ENSMUSG00000020604	Arsg	arylsulfatase G [Source:MGI Symbol;Acc:MGI:1921258]		3,143568993	0,86558955	1,82120841	1,63246657	6,298082	0,012086868	0,04242761	protein_coding
ENSMUSG00000028152	Tspan5	tetraspanin 5 [Source:MGI Symbol;Acc:MGI:1928096]		13,85592636	0,8650225	1,82036807	3,80358885	20,1822056	7,04048E-06	6,34336E-05	protein_coding
ENSMUSG00000027381	Bcl2l1	BCL2-like 11 (apoptosis facilitator) [Source:MGI Symbol;Acc:MGI:197519]		49,81386669	0,86494447	1,82126956	5,63860899	27,6886886	1,42493E-07	1,80991E-06	protein_coding
ENSMUSG00000021867	Gm9746	predicted gene 9746 [Source:MGI Symbol;Acc:MGI:3710397]		5,497375734	0,86309171	1,81893213	2,46834679	9,31546204	0,002272281	0,010463348	protein_coding
ENSMUSG00000038495	Otu47b	OTU domain containing 7B [Source:MGI Symbol;Acc:MGI:2654703]		21,41195407	0,86202356	1,81758591	4,42420602	27,7694015	1,36671E-07	1,742E-06	protein_coding
ENSMUSG00000029338	Antrx2	anthrax toxin receptor 2 [Source:MGI Symbol;Acc:MGI:1919164]		41,46816891	0,86191666	1,81745125	5,37665849	26,1519019	3,15868E-07	3,76476E-06	protein_coding
ENSMUSG00000035790	Cep19	centrosomal protein 19 [Source:MGI Symbol;Acc:MGI:1914244]		6,085475509	0,8618342	1,81734736	2,62001904	8,90946503	0,002836964	0,012597353	protein_coding
ENSMUSG00000037419	Endod1	endonuclease domain containing 1 [Source:MGI Symbol;Acc:MGI:1919196]		8,431016211	0,86048529	1,81564895	3,08402126	13,0706239	0,000299963	0,001787254	protein_coding
ENSMUSG00000019088	Dnase11	deoxyribonuclease 1-like 1 [Source:MGI Symbol;Acc:MGI:109628]		71,31117455	0,86037098	1,8155051	6,16004386	28,1057824	1,14862E-07	1,49171E-06	protein_coding
ENSMUSG00000028789	Adc	arginine decarboxylase [Source:MGI Symbol;Acc:MGI:2442093]		2,882793452	0,86006815	1,81512405	1,53902031	5,96832439	0,014565115	0,094072957	protein_coding
ENSMUSG00000030785	Cox6a2	cytochrome c oxidase, subunit VI a, polypeptide 2 [Source:MGI Symbol;Acc:MGI:104649]		3,183338185	0,85912673	1,81393999	1,65722492	5,95684781	0,014660229	0,049332906	protein_coding
ENSMUSG00000042225	Alprt	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1 [Source:MGI Syr		9,756415421	0,85899239	1,81377109	3,29433633	15,3343373	9,00645E-05	0,000622351	protein_coding
ENSMUSG00000019979	Amefc1	apoptotic peptidase activating factor 1 [Source:MGI Symbol;Acc:MGI:1306796]		47,3723614	0,8588064	1,81353728	5,57092683	28,1457398	1,2515E-07	1,4647E-06	protein_coding
ENSMUSG00000022439	Parvg	parvin, gamma [Source:MGI Symbol;Acc:MGI:2158329]		22,98959096	0,85774966	1,81220939	4,51332482	27,6907612	1,22341E-07	1,80991E-06	protein_coding
ENSMUSG00000038188	Scar1	scavenger receptor class F, member 1 [Source:MGI Symbol;Acc:MGI:2449455]		36,83613681	0,8573399	1,81169475	5,2106148	22,3543928	4,26949E-06	2,27876E-05	protein_coding
ENSMUSG00000056498	Tmem154	transmembrane protein 154 [Source:MGI Symbol;Acc:MGI:2444725]		4,154403824	0,85692833	1,81117799	2,04482965	6,6836952	0,009729872	0,035586584	protein_coding
ENSMUSG00000052485	Tmem171	transmembrane protein 171 [Source:MGI Symbol;Acc:MGI:2685751]		7,909135521	0,85672338	1,81092072	3,00396444	11,0491822	0,000887263	0,004628852	protein_coding
ENSMUSG00000030894	Tpp1	tripeptidyl peptidase I [Source:MGI Symbol;Acc:MGI:1336194]		291,8796983	0,85660065	1,81076666	8,18967425	24,2262399	8,56573E-07	4,8706E-06	protein_coding
ENSMUSG00000024228	Nudt12	nudix (nucleoside diphosphate linked moiety X)-type motif 12 [Source:MGI Symbol;Acc:MGI:1915243]		3,912340047	0,85579264	1,8097528	1,96398921	7,12820359	0,007588071	0,028807927	protein_coding
ENSMUSG00000031016	Wee1	WEE 1 homolog 1 (S. pombe) [Source:MGI Symbol;Acc:MGI:103075]		4,063879233	0,85529039	1,80912287	2,03299034	6,31447149	0,011975644	0,024144906	protein_coding
ENSMUSG00000013076	Amot1	angiominin-like 1 [Source:MGI Symbol;Acc:MGI:1922973]		4,783365071	0,85421997	1,80778107	2,29149622	6,84164822	0,008905663	0,033000514	protein_coding
ENSMUSG00000037280	Galnt6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 6 [Source:MGI Symbol;Acc:MGI:11		143,612763	0,85316847	1,80646395	7,16759183	26,3168073	2,89756E-07	3,47549E-06	protein_coding
ENSMUSG00000067212	H2-T23	histocompatibility 2, T region locus 23 [Source:MGI Symbol;Acc:MGI:95957]		122,7656637	0,85205102	1,80565653	6,94062614	37,5073016	9,10714E-10	1,7265E-08	protein_coding
ENSMUSG00000070780	Rbm47	RNA binding motif protein 47 [Source:MGI Symbol;Acc:MGI:2384294]		62,51290872	0,85217733	1,80522333	5,96733258	27,60657	1,48673E-07	1,86256E-06	protein_coding
ENSMUSG00000032497	Lrrfp2	leucine rich repeat (in FLLI) interacting protein 2 [Source:MGI Symbol;Acc:MGI:1918518]		47,28757064	0,85155473	1,80444446	5,56735284	30,3902815	3,53294E-08	5,12089E-07	protein_coding
ENSMUSG00000081723	Gm15931	predicted gene 15931 [Source:MGI Symbol;Acc:MGI:3805553]		4,477486978	0,85048963	1,80311278	2,16491263	7,51454684	0,000120268	0,024024075	pseudogene
ENSMUSG00000027217	Tspan18	tetraspanin 18 [Source:MGI Symbol;Acc:MGI:1917186]		4,569354997	0,84850312	1,8006317	2,19468558	6,58051203	0,10310123	0,037335966	protein_coding
ENSMUSG00000016256	Ctsz	cathepsin Z [Source:MGI Symbol;Acc:MGI:1891190]		1065,998198	0,8470971	1,79887769	10,0581007	17,2755979	3,2312E-05	0,000248582	protein_coding
ENSMUSG00000066621	Tecpr1	tectonin beta-propeller repeat containing 1 [Source:MGI Symbol;Acc:MGI:1917631]		104,1392862	0,84581022	1,79727382	6,70169998	30,5047361	3,33052E-08	4,8725E-07	protein_coding
ENSMUSG00000041801	Phlda3	pleckstrin homology-like domain, family A, member 3 [Source:MGI Symbol;Acc:MGI:1351485]		29,93361891	0,84460983	1,79577902	4,9026931	15,2549936	9,93281E-05	0,00064459	protein_coding
ENSMUSG00000024190	Dusp1	dual specificity phosphatase 1 [Source:MGI Symbol;Acc:MGI:105120]		44,05395124	0,84077114	1,79511608	5,47485514	27,2597444	1,72876E-07	2,20579E-06	protein_coding
ENSMUSG00000031586	Rbpms	RNA binding protein gene with multiple splicing [Source:MGI Symbol;Acc:MGI:1334446]		5,895035469	0,84289835	1,79364994	2,57641099	8,43064783	0,003689489	0,015776345	protein_coding
ENSMUSG00000040511	Pvr	poliovirus receptor [Source:MGI Symbol;Acc:MGI:107741]		33,4538421	0,84199344	1,79252525	5,07460958	25,7232541	3,94234E-07	4,5787E-06	protein_coding
ENSMUSG00000015980	Lrrc27	leucine rich repeat containing 27 [Source:MGI Symbol;Acc:MGI:1923862]		5,798506174	0,84058657	1,79077809	2,53855162	7,59443741	0,005854866	0,0231727	protein_coding
ENSMUSG00000047821	Trim16	tripartite motif-containing 16 [Source:MGI Symbol;Acc:MGI:2137356]		4,420855331	0,83882257	1,78858981	2,1387553	7,0265912	0,008030808	0,030238001	protein_coding
ENSMUSG00000044786	Zfp36	zinc finger protein 36 [Source:MGI Symbol;Acc:MGI:99180]		130,2593519	0,83744334	1,78688072	7,02777266	36,6205884	1,43508E-09	2,63666E-08	protein_coding
ENSMUSG00000029403	Cdk12	cyclin-dependent kinase-like 2 (CDC2-related kinase) [Source:MGI Symbol;Acc:MGI:1858227]		6,421024021	0,8363874	1,78557335	2,69071126	6,11102093	0,013434151	0,046096506	protein_coding
ENSMUSG00000028641	Lepre1	leprecan 1 [Source:MGI Symbol;Acc:MGI:1888921]		7,703760735	0,83309741	1,78150608	2,95785285	10,7754301	0,001028563	0,005258643	protein_coding
ENSMUSG00000048458	6530418L21Rik	RIKEN cDNA 6530418L21 gene [Source:MGI Symbol;Acc:MGI:1923497]		5,957827339	0,83251788	1,78034629	2,58142343	8,76369969	0,003072851	0,013449165	protein_coding
ENSMUSG00000038352	Arl5c	ADP-ribosylation factor-like 5C [Source:MGI Symbol;Acc:MGI:3028577]		24,62927305	0,83214877	1,78033504	4,64619212	29,0175671	7,17249E-08	9,76508E-07	protein_coding
ENSMUSG00000063354	Slc39a4	solute carrier family 39 (zinc transporter), member 4 [Source:MGI Symbol;Acc:MGI:1919277]		59,83161942	0,82664839	1,77356032	5,90683193	27,9507064	1,24446E-07	1,60688E-06	protein_coding
ENSMUSG00000000275	Trim25	tripartite motif-containing 25 [Source:MGI Symbol;Acc:MGI:102749]		243,8204166	0,82652865	1,77341311	7,93026238	27,247994	1,78961E-07	2,21673E-06	protein_coding
ENSMUSG00000024743	Syt7	synaptotagmin VII [Source:MGI Symbol;Acc:MGI:1859545]		11,36005944	0,82384435	1,77011655	3,54803053	13,4760552	0,000241627	0,001480624	protein_coding
ENSMUSG00000061731	Ext1	exostosin (multiple) 1 [Source:MGI Symbol;Acc:MGI:894663]		15,52356426	0,82270236	1,76871593	3,97848601	19,9723822	7,85688E-05	6,98976E-05	protein_coding
ENSMUSG00000054364	Rhob	ras homolog gene family, member B [Source:MGI Symbol;Acc:MGI:107949]		146,0586818	0,82240339	1,76839479	7,19029073	31,3284493	2,17864E-08	3,26558E-07	protein_coding
ENSMUSG00000026701	Prdx6	peroxiredoxin 6 [Source:MGI Symbol;Acc:MGI:894320]		145,7200288	0,82177321	1,76757718	7,1918052	37,1553892	1,90981E-09	2,04517E-08	protein_coding
ENSMUSG00000090213	Tmem189										

ENSMUSG00000041431	Ccnb1	cyclin B1 [Source:MGI Symbol;Acc:MGI:88302]	Sheet1	12,40313027	0,81031147	1,75359	3,64621502	9,8410587	0,001706592	0,008205834	protein_coding
ENSMUSG00000061981	Flot2	flotillin 2 [Source:MGI Symbol;Acc:MGI:103309]		62,47761723	0,80960626	1,75273302	5,97016339	30,2090168	3,87902E-08	5,57108E-07	protein_coding
ENSMUSG00000021215	Net1	neuroepithelial cell transforming gene 1 [Source:MGI Symbol;Acc:MGI:1927138]		6,473521505	0,80823689	1,75107017	2,71902683	8,7126637	0,003160071	0,013788604	protein_coding
ENSMUSG00000031337	Mtm1	X-linked myotubular myopathy gene 1 [Source:MGI Symbol;Acc:MGI:1099452]		24,3031305	0,80766486	1,750376	4,60810617	26,1031505	3,3655E-07	3,84018E-06	protein_coding
ENSMUSG00000038024	Dennad4c	DENN/MADD domain containing 4C [Source:MGI Symbol;Acc:MGI:1914769]		94,73263	0,80607409	1,74844703	6,56765108	23,5731085	1,20256E-06	1,27781E-05	protein_coding
ENSMUSG00000052512	Nav2	neuron navigator 2 [Source:MGI Symbol;Acc:MGI:2183691]		33,87014542	0,80543884	1,74767732	5,08342489	9,59430024	0,001951823	0,009184017	protein_coding
ENSMUSG00000030095	Tmem43	transmembrane protein 43 [Source:MGI Symbol;Acc:MGI:1921372]		66,47018135	0,80534749	1,74756667	6,05788143	29,365845	5,99245E-08	8,28165E-07	protein_coding
ENSMUSG000000021262	Evl	Ena-vasodilator stimulated phosphoprotein [Source:MGI Symbol;Acc:MGI:1194884]		137,622436	0,80520042	1,74738853	7,10645593	35,5841171	2,44271E-09	4,3148E-08	protein_coding
ENSMUSG00000003032	Klf4	Kruppel-like factor 4 (gut) [Source:MGI Symbol;Acc:MGI:1342287]		11,44925105	0,8034922	1,74532076	3,52125291	15,6782135	7,50841E-05	0,000531776	protein_coding
ENSMUSG00000032737	Inpp1	inositol polyphosphate phosphatase-like 1 [Source:MGI Symbol;Acc:MGI:1333787]		165,6027954	0,80328578	1,74507105	7,37276013	31,644	1,85186E-08	2,82588E-07	protein_coding
ENSMUSG00000000489	Pdgfb	platelet derived growth factor, B polypeptide [Source:MGI Symbol;Acc:MGI:97528]		22,29283378	0,80287237	1,74457106	4,47712823	18,5181785	1,68292E-05	0,000139549	protein_coding
ENSMUSG00000028007	Snx7	sorting nexin 7 [Source:MGI Symbol;Acc:MGI:1923811]		12,29986656	0,80220149	1,74376	3,62727677	13,8649752	0,000196425	0,001233919	protein_coding
ENSMUSG00000045658	Pid1	phosphotyrosine interaction domain containing 1 [Source:MGI Symbol;Acc:MGI:2138391]		145,8136966	0,80113386	1,74247005	7,19227854	35,4678946	2,59289E-09	4,5654E-08	protein_coding
ENSMUSG00000018507	Trpv2	transient receptor potential cation channel, subfamily V, member 2 [Source:MGI Symbol;Acc:MGI:1341836]		112,0095394	0,801028	1,7423422	6,80949808	29,7092997	5,01934E-08	7,06114E-07	protein_coding
ENSMUSG00000048779	P2ry6	pyrimidinergic receptor P2Y, G-protein coupled, 6 [Source:MGI Symbol;Acc:MGI:2673874]		105,5504811	0,79879482	1,73964728	6,72333446	37,5058091	9,11411E-10	1,7265E-08	protein_coding
ENSMUSG00000042724	Map3k9	mitogen-activated protein kinase kinase kinase 9 [Source:MGI Symbol;Acc:MGI:2449952]		8,312926041	0,7949137	1,73506699	3,0635843	8,50286345	0,00354588	0,015218198	protein_coding
ENSMUSG00000032120	C2cd2l	C2 calcium-dependent domain containing 2-like [Source:MGI Symbol;Acc:MGI:1919014]		16,29604201	0,79497849	1,7350515	4,02108698	21,4158653	3,69699E-06	3,05619E-05	protein_coding
ENSMUSG00000042766	Trim46	tripartite motif-containing 46 [Source:MGI Symbol;Acc:MGI:2673000]		4,150197611	0,79486561	1,73491575	2,04795091	6,20324158	0,012751656	0,044238222	protein_coding
ENSMUSG00000095028	Sirpb1b	signal-regulatory protein beta 1B [Source:MGI Symbol;Acc:MGI:3779828]		10,42956707	0,79464743	1,7346534	3,3823041	11,6405145	0,000645308	0,003508161	protein_coding
ENSMUSG00000085894	Gm15832	predicted gene 15832 [Source:MGI Symbol;Acc:MGI:3834078]		6,966374702	0,79417159	1,73408136	2,80201138	8,9006185	0,002850741	0,012649874	processed_transcript
ENSMUSG00000021669	Col4a3bp	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein [Source:MGI Symbol;Acc:MGI:1915268]		69,45643488	0,79323747	1,73295894	6,12024363	31,0127978	2,56333E-08	3,79559E-07	protein_coding
ENSMUSG00000063160	Numb	numb-like [Source:MGI Symbol;Acc:MGI:894702]		11,105239	0,79231934	1,73185643	3,46881751	12,8434993	0,00398663	0,00190844	protein_coding
ENSMUSG00000032192	Gnb5	guanine nucleotide binding protein (G protein), beta 5 [Source:MGI Symbol;Acc:MGI:101848]		4,125722005	0,79160309	1,73099684	2,05591517	6,33102099	0,0118644	0,041833812	protein_coding
ENSMUSG00000042599	Hdm1d	jumonji C domain-containing histone demethylase 1 homolog D (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2443388]		48,59154018	0,7905979	1,72979119	5,60691001	32,2083997	1,38491E-08	2,15524E-07	protein_coding
ENSMUSG00000029217	Tec	tec protein tyrosine kinase [Source:MGI Symbol;Acc:MGI:98862]		40,14993352	0,78974056	1,72976355	5,32635634	24,3520384	8,02418E-07	8,94134E-06	protein_coding
ENSMUSG00000026640	PlxnA2	plexin A2 [Source:MGI Symbol;Acc:MGI:107684]		13,68842621	0,78948834	1,72846135	3,78113075	11,8057728	0,000590473	0,003245389	protein_coding
ENSMUSG00000034993	Vat1	vesicle amine transport protein 1 homolog (T. californica) [Source:MGI Symbol;Acc:MGI:1349450]		564,6533162	0,78895661	1,72782441	9,14138572	16,2919641	5,42937E-05	0,000397366	protein_coding
ENSMUSG00000030980	2310008H09Rik	RIKEN cDNA 2310008H09 gene [Source:MGI Symbol;Acc:MGI:1913606]		39,25674869	0,78864148	1,72744704	5,3003741	21,7468812	3,11095E-06	3,04907E-05	protein_coding
ENSMUSG00000014361	Mertk	c-mer proto-oncogene tyrosine kinase [Source:MGI Symbol;Acc:MGI:96965]		42,30999353	0,78498346	1,72307257	5,40764474	17,0672873	3,60784E-05	0,000273375	protein_coding
ENSMUSG00000026566	Mpz11	myelin protein zero-like 1 [Source:MGI Symbol;Acc:MGI:1915731]		10,00796453	0,78453452	1,72253647	3,34250661	11,740558	0,000611527	0,003347706	protein_coding
ENSMUSG00000028693	Nasp	nuclear autoantigenic sperm protein (histone-binding) [Source:MGI Symbol;Acc:MGI:1355328]		20,41489391	0,78416271	1,72209259	4,36622829	19,6625262	9,23956E-06	8,08241E-05	protein_coding
ENSMUSG00000027663	Zmat3	zinc finger matrix type 3 [Source:MGI Symbol;Acc:MGI:1195270]		75,59055575	0,78335539	1,72112919	6,24175536	17,5176403	2,84654E-05	0,000221966	protein_coding
ENSMUSG00000059326	Csf2ra	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) [Source:MGI Symbol;Acc:MGI:133975]		156,8207301	0,78201511	1,71953099	7,29220664	26,6042697	2,49691E-07	3,01468E-06	protein_coding
ENSMUSG00000035352	Col12	chemokine (C-C motif) ligand 12 [Source:MGI Symbol;Acc:MGI:108224]		5,334817832	0,78150173	1,7189192	2,47246904	6,38026556	0,011539616	0,04089634	protein_coding
ENSMUSG00000074063	Osgin1	oxidative stress induced growth inhibitor 1 [Source:MGI Symbol;Acc:MGI:1919089]		21,28481259	0,78086539	1,71816119	4,41648526	16,2044857	5,68593E-05	0,000412897	protein_coding
ENSMUSG00000026335	Pam	peptidylglycine alpha-amidating monooxygenase [Source:MGI Symbol;Acc:MGI:97475]		30,46566964	0,78059091	1,71783433	4,9377867	22,7659452	1,88593E-06	1,88593E-05	protein_coding
ENSMUSG00000030591	PsmD8	proteasome (prosome, macropain) 26S subunit, non-ATPase, 8 [Source:MGI Symbol;Acc:MGI:1888669]		211,1316913	0,77921168	1,71619286	7,72224177	26,409411	2,76192E-07	3,32004E-06	protein_coding
ENSMUSG00000020829	Slc46a1	solute carrier family 46, member 1 [Source:MGI Symbol;Acc:MGI:1098733]		14,16644818	0,77801552	1,71477053	3,82384772	16,6494689	4,49629E-05	0,000333563	protein_coding
ENSMUSG00000042073	Abhd14b	abhydrolase domain containing 14b [Source:MGI Symbol;Acc:MGI:1923741]		7,366809591	0,77785856	1,71458397	2,89445578	9,13652149	0,00250557	0,01134417	protein_coding
ENSMUSG00000024300	Myo1f	myosin IF [Source:MGI Symbol;Acc:MGI:107711]		299,55911	0,77707987	1,71365878	8,22658571	23,7746077	1,08302E-02	1,16658E-05	protein_coding
ENSMUSG00000047766	Lrrc49	leucine rich repeat containing 49 [Source:MGI Symbol;Acc:MGI:2442689]		7,152062451	0,77688252	1,71342437	2,84320349	9,0345659	0,00264922	0,011876788	protein_coding
ENSMUSG00000048234	Rnf149	ring finger protein 149 [Source:MGI Symbol;Acc:MGI:2677438]		191,8629691	0,77541848	1,71168648	7,58556045	28,6756327	8,55737E-08	1,13551E-06	protein_coding
ENSMUSG00000042303	Sgsm3	small G protein signaling modulator 3 [Source:MGI Symbol;Acc:MGI:1916329]		19,41119751	0,77280193	1,7085849	4,27869543	20,2028747	6,96482E-06	6,29297E-05	protein_coding
ENSMUSG00000027035	Lass6	LAG1 homolog, ceramide synthase 6 [Source:MGI Symbol;Acc:MGI:2442564]		49,0973745	0,77106352	1,70652733	5,62160627	27,2117714	1,82345E-07	2,25399E-06	protein_coding
ENSMUSG00000040918	Slc19a2	solute carrier family 19 (thiamine transporter), member 2 [Source:MGI Symbol;Acc:MGI:1928761]		7,61987393	0,77047452	1,70615359	4,05428934	12,487867	0,000409604	0,002357416	protein_coding
ENSMUSG00000003153	Slc2a3	solute carrier family 2 (facilitated glucose transporter), member 3 [Source:MGI Symbol;Acc:MGI:95757]		10,016406533	0,76654005	1,70118501	2,83104666	9,34374815	0,002237474	0,010316043	protein_coding
ENSMUSG00000044847	Lsm11	U7 snRNP-specific Sm-like protein LSM11 [Source:MGI Symbol;Acc:MGI:1919540]		8,517557703	0,76649729	1,70113459	3,09831461	11,299058	0,000775464	0,00412992	protein_coding
ENSMUSG00000039782	Cpeb2	cytoplasmic polyadenylation element binding protein 2 [Source:MGI Symbol;Acc:MGI:2442640]		47,36197588	0,76597323	1,70051676	5,5688359	19,8894739	8,20509E-06	7,28185E-05	protein_coding
ENSMUSG00000063229	Ldha	lactate dehydrogenase A [Source:MGI Symbol;Acc:MGI:96759]		583,5984732	0,7654587	1,69991039	9,18924836	18,8118046	1,44271E-05	0,000121371	protein_coding
ENSMUSG00000047557	Lxn	latexin [Source:MGI Symbol;Acc:MGI:107633]		9,118798737	0,7640312	1,69822922	3,19777996	10,9105348	0,000956189	0,004939187	protein_coding
ENSMUSG00000019699	Akt3	thymoma viral proto-oncogene 3 [Source:MGI Symbol;Acc:MGI:1345147]		23,26143662	0,7636849	1,69782163	4,5469431	19,0948684	1,24379E-05	0,000105607	protein_coding
ENSMUSG00000018395	Kif3a	kinesin family member 3A [Source:MGI Symbol;Acc:MGI:107689]		25,99872048	0,76367234	1,69780685	4,70850182	23,4886257	1,25654E-06	1,32747E-05	protein_coding
ENSMUSG00000079884	Gm10698	predicted gene 10698 [Source:MGI Symbol;Acc:MGI:3704329]		24,59001193	0,76313545	1,69717514	4,64001866	12,9572001	0,000318693	0,00188351	processed_pseudogene
ENSMUSG00000031669	Gins3	GINS complex subunit 3 (Psf3 homolog) [Source:MGI Symbol;Acc:MGI:1926083]		5,043947452	0,76219207	1,69606572	2,35230059	6,90060001	0,008616683	0,032059428	protein_coding
ENSMUSG00000038141	Tmem181a	transmembrane protein 181A [Source:MGI Symbol;Acc:MGI:1924356]		28,41903148	0,76212469	1,6959865	4,84016643	21,456894	3,61873E-06	3,49991E-05	protein_coding
ENSMUSG00000079547	H2-DMb1	histocompatibility 2, class II, locus Mb1 [Source:MGI Symbol;Acc:MGI:95922]		16,34801052	0,76206988	1,69591867	4,03593129	17,1114562	3,5249E-05	0,000267459	protein_coding
ENSMUSG00000032076	Cadm1	cell adhesion molecule 1 [Source:MGI Symbol;Acc:MGI:1889272]		38,37553394	0,76105306	1,6947272	5,26023977	15,5676857	7,96035E-05	0,000558139	protein_coding
ENSMUSG00000036718	Mical2	MICAL-like 2 [Source:MGI Symbol;Acc:MGI:2444818]		32,29540435	0,76033052	1,69387864	5,01939385	21,6510493	3,27031E-06	3,18536E-05	protein_coding
ENSMUSG00000048787	Dcn1d3	DCN1, defective in cullin neddylation 1, domain containing 3 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2679003]		22,20547588	0,76006869	1,69357126	4,48630707	19,234791	1,15588E-05	9,87528E-05	protein_coding
ENSMUSG00000066900	Suds3	suppressor of defective silencing 3 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1919204]		47,22718828	0,75961259	1,69350393	5,56610887	25,9113457	3,57462E-07	4,18703E-06	protein_coding
ENSMUSG00000079065	BC005561	cDNA sequence BC005561 [Source:MGI Symbol;Acc:MGI:3040669]		8,501652196	0,75823441	1,69141937	3,08684468	10,6536417	0,001098544	0,005562075	protein_coding
ENSMUSG00000092341	Malat1	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) [Source:MGI Symbol;Acc:MGI:1919539]		783,4868167	0,75780359	1,69091436	9,61372035	14,5704922	0,000135012	0,000886659	lincRNA
ENSMUSG00000021639	Gtf2h2	general transcription factor II H, polypeptide 2 [Source:MGI Symbol;									

ENSMUSG00000037622	Wdct1	WD and tetratricopeptide repeats 1 [Source:MGI Symbol;Acc:MGI:2685541]	Sheet1	39,95333737	0,74478495	1,67572447	5,32306777	22,5406359	2,05745E-06	2,08728E-05	protein_coding
ENSMUSG00000020315	Spnb2	spectrin beta 2 [Source:MGI Symbol;Acc:MGI:98388]		79,72746885	0,74440745	1,67528605	6,31996222	21,8698661	2,9178E-06	2,87E-05	protein_coding
ENSMUSG00000031153	Gripap1	GRIP1 associated protein 1 [Source:MGI Symbol;Acc:MGI:1859616]		64,75106703	0,74312704	1,67379987	6,01795351	29,4033302	5,87766E-08	8,16503E-07	protein_coding
ENSMUSG00000018986	Sfln3	schlafen 3 [Source:MGI Symbol;Acc:MGI:1329005]		7,436928438	0,7422715	1,67298806	2,90762683	7,90477442	0,004930449	0,01995978	protein_coding
ENSMUSG00000028016	Ints12	integrator complex subunit 12 [Source:MGI Symbol;Acc:MGI:1919043]		32,07498768	0,74210676	1,67261656	5,00931209	26,2151767	3,05413E-07	3,65133E-06	protein_coding
ENSMUSG00000069910	Ccdc99	coiled-coil domain containing 99 [Source:MGI Symbol;Acc:MGI:1917635]		11,14131511	0,74183859	1,67230569	3,48561951	9,87369273	0,001676587	0,008075694	protein_coding
ENSMUSG0000003382	Etv3	ets variant gene 3 [Source:MGI Symbol;Acc:MGI:1350926]		127,0598569	0,74084464	1,67115394	6,99036712	31,4803318	2,01471E-08	3,0406E-07	protein_coding
ENSMUSG00000025701	Alox5	arachidonate 5-lipoxygenase [Source:MGI Symbol;Acc:MGI:87999]		6,740074352	0,73986798	1,67002301	2,75662366	7,82546652	0,005151515	0,020785785	protein_coding
ENSMUSG00000045894	Glb1	galactosidase, beta 1 [Source:MGI Symbol;Acc:MGI:88151]		103,1145474	0,73975187	1,66988861	6,69044052	27,2003821	1,83422E-07	0,26434E-06	protein_coding
ENSMUSG00000073542	Cep76	centrosomal protein 76 [Source:MGI Symbol;Acc:MGI:1923401]		5,93696076	0,73966044	1,66978279	2,56867048	7,55257884	0,005992426	0,0023618767	protein_coding
ENSMUSG00000024589	Nedd4l	neural precursor cell expressed, developmentally down-regulated gene 4-like [Source:MGI Symbol;Acc:MGI:1933754]		25,06445996	0,73961428	1,668972936	4,64782967	18,2229145	1,965E-05	0,001599922	protein_coding
ENSMUSG00000046794	Ppp1r3b	protein phosphatase 1, regulatory (inhibitor) subunit 3B [Source:MGI Symbol;Acc:MGI:2177268]		14,01188964	0,73889111	1,668892959	3,81193502	16,2321268	5,60357E-05	0,000408537	protein_coding
ENSMUSG00000038543	BC028528	cDNA sequence BC028528 [Source:MGI Symbol;Acc:MGI:2385885]		14,07906175	0,7386862	1,66865557	3,8235207	15,6773718	7,51175E-05	0,000531776	protein_coding
ENSMUSG00000036887	C1qa	complement component 1, q subcomponent, alpha polypeptide [Source:MGI Symbol;Acc:MGI:88223]		560,1323141	0,73807211	1,66794545	9,12967719	18,5608254	1,64568E-05	0,000136771	protein_coding
ENSMUSG00000032411	Tfdp2	transcription factor Dp 2 [Source:MGI Symbol;Acc:MGI:107167]		7,138263216	0,73797519	1,66783341	2,84761053	8,98359816	0,00272437	0,012171652	protein_coding
ENSMUSG00000028527	Ak4	adenylate kinase 4 [Source:MGI Symbol;Acc:MGI:87979]		9,818003725	0,73735259	1,6671138	3,31587502	10,2132561	0,001394348	0,006836099	protein_coding
ENSMUSG00000040609	CD33	CD33 antigen [Source:MGI Symbol;Acc:MGI:99440]		9,486123271	0,73630725	1,66590629	2,3545424	11,5680651	0,000670942	0,003634931	protein_coding
ENSMUSG00000026360	Rgs2	regulator of G-protein signaling 2 [Source:MGI Symbol;Acc:MGI:1098271]		41,3892329	0,73571715	1,66522503	5,35823822	26,7842851	2,2748E-07	2,75863E-06	protein_coding
ENSMUSG00000019769	Syn1	synaptic nuclear envelope 1 [Source:MGI Symbol;Acc:MGI:1927152]		22,04663667	0,73441909	1,66372742	4,46475325	17,3028908	3,18702E-05	0,00042538	protein_coding
ENSMUSG000000061175	Flnp2	filliculin interacting protein 2 [Source:MGI Symbol;Acc:MGI:2683054]		344,9928728	0,73193794	1,6608686	8,43061297	15,853515	6,84393E-05	0,000487009	protein_coding
ENSMUSG00000024424	Ttc39c	tetratricopeptide repeat domain 39C [Source:MGI Symbol;Acc:MGI:1919997]		13,28318801	0,73039815	1,6590969	3,73900541	14,139463	0,000169745	0,01084297	protein_coding
ENSMUSG00000017418	Ar15b	ADP-ribosylation factor-like 5B [Source:MGI Symbol;Acc:MGI:1923119]		10,67153255	0,72968113	1,65827253	3,43224658	11,9963168	0,000533058	0,00297144	protein_coding
ENSMUSG00000063286	Gm8995	predicted gene 8995 [Source:MGI Symbol;Acc:MGI:3644223]		18,23547714	0,72941576	1,65796754	4,19693255	13,2877542	0,000267145	0,001613593	processed_pseudogene
ENSMUSG00000024924	Vldlr	very low density lipoprotein receptor [Source:MGI Symbol;Acc:MGI:98935]		5,38988481	0,728815	1,65727728	2,43202397	6,08910157	0,013601823	0,046468667	protein_coding
ENSMUSG00000039616	Mocos	molybdenum cofactor sulfufase [Source:MGI Symbol;Acc:MGI:1915841]		42,38141579	0,72873724	1,65718796	5,40840863	14,673051	0,000127861	0,000846783	protein_coding
ENSMUSG00000063382	Bcl9l	B cell CLL/lymphoma 9-like [Source:MGI Symbol;Acc:MGI:1933114]		10,10142854	0,7276179	1,65590269	3,32295564	10,8089212	0,01010121	0,005176401	protein_coding
ENSMUSG00000032324	Tspan3	tetraspanin 3 [Source:MGI Symbol;Acc:MGI:1928098]		165,6181291	0,72615175	1,654202073	3,73504246	29,8618827	4,63945E-08	6,56031E-07	protein_coding
ENSMUSG00000091780	Sco2	SCO cytochrome oxidase deficient homolog 2 (yeast) [Source:MGI Symbol;Acc:MGI:3818630]		8,998866216	0,72518073	1,65310771	3,16964584	10,4196161	0,001246838	0,006207073	protein_coding
ENSMUSG00000063856	Gpx1	glutathione peroxidase 1 [Source:MGI Symbol;Acc:MGI:104887]		106,1733031	0,72496299	1,65254893	6,7276249	31,2044071	3,22238E-08	3,46215E-07	protein_coding
ENSMUSG00000011179	Odc1	ornithine decarboxylase, structural 1 [Source:MGI Symbol;Acc:MGI:97402]		76,53687865	0,72450816	1,65233723	6,26266924	27,6290542	1,46955E-07	1,8516E-06	protein_coding
ENSMUSG00000025950	Ildh1	isocitrate dehydrogenase 1 (NADP+), soluble [Source:MGI Symbol;Acc:MGI:96413]		134,1390321	0,72395131	1,65169958	7,06808614	30,5175316	3,30863E-08	4,84692E-07	protein_coding
ENSMUSG00000039747	Orai2	ORAI calcium release-activated calcium modulator 2 [Source:MGI Symbol;Acc:MGI:2443195]		38,55235888	0,72379825	1,65152436	5,27698576	25,1844639	5,21002E-07	5,93802E-06	protein_coding
ENSMUSG00000057134	Ado	2-aminoethanethiol (cysteamine) dioxygenase [Source:MGI Symbol;Acc:MGI:2685083]		38,22188065	0,72294474	1,65054759	5,25962268	25,1665686	5,25859E-07	5,98097E-06	protein_coding
ENSMUSG00000020063	Sirt1	sirtuin 1 (silent mating type information regulation 2, homolog) 1 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2135607]		15,54160526	0,72210743	1,64958993	3,96090058	15,9237784	6,5945E-05	0,000471704	protein_coding
ENSMUSG00000090124	Ugt1a7c	UDP glucuronosyltransferase 1 family, polypeptide A7C [Source:MGI Symbol;Acc:MGI:3032636]		163,8205719	0,72167402	1,64909444	7,35789879	21,3412551	3,8437E-06	3,68506E-05	protein_coding
ENSMUSG00000026923	Notch1	notch 1 [Source:MGI Symbol;Acc:MGI:97363]		124,4822392	0,72149937	1,64889481	6,96013833	29,3663475	5,9909E-08	8,28165E-07	protein_coding
ENSMUSG00000036026	Tmem63b	transmembrane protein 63b [Source:MGI Symbol;Acc:MGI:2387609]		31,16309437	0,72103038	1,64844194	4,9652548	22,1925662	2,46627E-06	2,46882E-05	protein_coding
ENSMUSG00000062190	Lanc12	LANC (bacterial lantibiotic synthetase component C)-like 2 [Source:MGI Symbol;Acc:MGI:1919085]		15,88625562	0,72045577	1,64770474	3,99626254	12,4868922	0,000409817	0,002357416	protein_coding
ENSMUSG00000045165	Al467606	expressed sequence Al467606 [Source:MGI Symbol;Acc:MGI:2141979]		16,96190008	0,72043145	1,64767471	4,07943581	18,7141559	1,51851E-05	0,000127164	protein_coding
ENSMUSG00000004565	Pnpla6	patatin-like phospholipase domain containing 6 [Source:MGI Symbol;Acc:MGI:1354723]		26,43162014	0,71983793	1,6469997	4,72330854	22,8872522	1,71787E-06	1,77557E-05	protein_coding
ENSMUSG00000033960	Gdf15	growth differentiation factor 15 [Source:MGI Symbol;Acc:MGI:1346047]		43,99223827	0,71975276	1,64689977	5,46079416	12,099394	0,000504382	0,0002830259	protein_coding
ENSMUSG00000073557	Ppp1r12b	protein phosphatase 1, regulatory (inhibitor) subunit 12B [Source:MGI Symbol;Acc:MGI:1916417]		12,875524	0,71919917	1,64626795	3,68079699	13,1172191	0,000292594	0,001749899	protein_coding
ENSMUSG00000022010	Tsc2d21	TSC22 domain family, member 1 [Source:MGI Symbol;Acc:MGI:109127]		22,41555748	0,71905402	1,64610233	4,49101005	17,7026973	2,5826E-05	0,000203844	protein_coding
ENSMUSG00000034284	Zdhhc14	zinc finger, DHHC domain containing 14 [Source:MGI Symbol;Acc:MGI:2653229]		29,29443594	0,71843019	1,6453907	4,87300732	18,8020152	1,45014E-05	0,000121809	protein_coding
ENSMUSG00000029007	Agtrp	angiotensin II, type I receptor-associated protein [Source:MGI Symbol;Acc:MGI:1339977]		48,37470753	0,71817367	1,64509817	5,60031755	28,2574156	1,06207E-07	1,38751E-06	protein_coding
ENSMUSG00000016552	Foxed2	FAD-dependent oxidoreductase domain containing 2 [Source:MGI Symbol;Acc:MGI:106315]		6,55666494	0,71721257	1,64458271	2,71423648	6,72530477	0,009505449	0,003870239	protein_coding
ENSMUSG00000058163	Gm5431	predicted gene 5431 [Source:MGI Symbol;Acc:MGI:3645205]		23,86128175	0,71735991	1,64417049	4,5864868	16,2909529	5,43227E-05	0,000397366	protein_coding
ENSMUSG00000026836	Aocr1	activin A receptor, type 1 [Source:MGI Symbol;Acc:MGI:87911]		14,88239898	0,71695918	1,64371387	3,9104028	10,8063605	0,00101152	0,00518115	protein_coding
ENSMUSG00000033960	9430020K01Rik	RIKEN cDNA 9430020K01 gene [Source:MGI Symbol;Acc:MGI:2685174]		7,580427549	0,71671801	1,64343912	2,94038192	7,33259834	0,006771509	0,026178246	protein_coding
ENSMUSG00000060639	Hist1h4i	histone cluster 1, H4i [Source:MGI Symbol;Acc:MGI:2448432]		5,12953065	0,71486678	1,64133165	2,37199967	5,97605547	0,0145014	0,04894835	protein_coding
ENSMUSG00000042759	Apob	apolipoprotein B receptor [Source:MGI Symbol;Acc:MGI:2176230]		78,53137039	0,71482937	1,64128909	6,29927815	29,2803307	6,2628E-08	8,0012E-07	protein_coding
ENSMUSG00000028184	Lphn2	latrophilin 2 [Source:MGI Symbol;Acc:MGI:2139714]		114,9478428	0,71451576	1,64093235	6,84921839	26,0890991	3,26019E-07	3,86405E-06	protein_coding
ENSMUSG00000057531	Dtnbp1	dystrobrevin binding protein 1 [Source:MGI Symbol;Acc:MGI:2137586]		62,66278303	0,71387646	1,64020536	5,97003017	21,4701419	3,59381E-06	3,47887E-05	protein_coding
ENSMUSG00000024527	Afg3l2	AFG3(ATPase family gene 3)-like 2 (yeast) [Source:MGI Symbol;Acc:MGI:1916847]		71,80784503	0,71316083	1,63939196	6,1679907	23,9700813	9,78444E-07	1,07073E-05	protein_coding
ENSMUSG00000002871	Tpra1	transmembrane protein, adipocyte associated 1 [Source:MGI Symbol;Acc:MGI:1345190]		46,90159899	0,7112187	1,63718653	5,55357514	18,9126798	1,3684E-05	0,000115562	protein_coding
ENSMUSG000000021306	Gpr137b	G protein-coupled receptor 137B [Source:MGI Symbol;Acc:MGI:1891463]		272,258747	0,710613	1,63649932	6,08896726	14,4533329	0,000143675	0,000939061	protein_coding
ENSMUSG00000024197	Plin3	perilipin 3 [Source:MGI Symbol;Acc:MGI:1914155]		92,96652908	0,70958059	1,63532864	6,53938019	23,3230131	1,6952E-06	1,44265E-05	protein_coding
ENSMUSG00000079334	Nat6	N-acetyltransferase 6 [Source:MGI Symbol;Acc:MGI:1888902]		25,64241831	0,70954742	1,63529104	4,67845578	19,2070579	1,17279E-05	0,00010012	protein_coding
ENSMUSG00000023074	Mospd1	motile sperm domain containing 1 [Source:MGI Symbol;Acc:MGI:1917630]		8,547110848	0,70894755	1,63461123	3,1073367	7,17425127	0,007395731	0,028175067	protein_coding
ENSMUSG00000020190	Mknk2	MAP kinase-interacting serine/threonine kinase 2 [Source:MGI Symbol;Acc:MGI:894279]		99,4402503	0,70816966	1,6337301	6,63352784	28,8348744	7,8819E-08	1,0581E-06	protein_coding
ENSMUSG00000028920	Fbxo42	F-box protein 42 [Source:MGI Symbol;Acc:MGI:1924992]		44,74151933	0,70735554	1,63280844	5,48919469	24,2588674	8,42181E-07	9,3465E-06	protein_coding
ENSMUSG00000019810	Fuca2	fucosidase,									

ENSMUSG00000038642	Ctss	cathepsin S [Source:MGI Symbol;Acc:MGI:107341]	Sheet1	1132,532188	0,69670981	1,62080419	10,1453548	11,2589192	0,000792413	0,00420301	protein_coding
ENSMUSG00000059316	Slc27a4	solute carrier family 27 (fatty acid transporter), member 4 [Source:MGI Symbol;Acc:MGI:1347347]		24,09778606	0,69659978	1,62068059	4,59597427	20,1772526	7,05874E-06	6,35171E-05	protein_coding
ENSMUSG00000041075	Fzd7	frizzled homolog 7 (Drosophila) [Source:MGI Symbol;Acc:MGI:108570]		9,242024007	0,69508179	1,61897621	3,21659358	9,5036253	0,002050663	0,009575282	protein_coding
ENSMUSG00000040151	Hs2st1	heparan sulfate 2-O-sulfotransferase 1 [Source:MGI Symbol;Acc:MGI:1346049]		38,24999637	0,69311684	1,61677267	5,26454483	23,5468323	1,2191E-06	1,29473E-05	protein_coding
ENSMUSG00000028645	Slc2a1	solute carrier family 2 (facilitated glucose transporter), member 1 [Source:MGI Symbol;Acc:MGI:95755]		101,2674511	0,69253221	1,61611763	6,66407519	20,9376054	4,74488E-06	4,46718E-05	protein_coding
ENSMUSG00000079442	St6galnac4	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 4 [Source:MGI Symbol;Acc:MGI:1354724]		43,66173928	0,69244781	1,61602309	5,44987479	22,5434528	2,05444E-06	2,08728E-05	protein_coding
ENSMUSG00000048279	Sacs	sacsin [Source:MGI Symbol;Acc:MGI:1354724]		19,37130482	0,69200972	1,61553244	4,28070518	15,896546	6,69007E-05	0,000477608	protein_coding
ENSMUSG00000027883	Gpms2	G-protein signalling modulator 2 (AGS3-like, C. elegans) [Source:MGI Symbol;Acc:MGI:1923373]		10,07994085	0,69183101	1,61533233	3,34396956	9,29467111	0,002298214	0,010542997	protein_coding
ENSMUSG00000056952	Tatdn2	TatD NBase domain containing 2 [Source:MGI Symbol;Acc:MGI:3576210]		76,77855273	0,69159447	1,61506751	6,26268186	24,7341591	6,58074E-07	7,07178E-06	protein_coding
ENSMUSG00000025810	Nrp1	neuropilin 1 [Source:MGI Symbol;Acc:MGI:106206]		129,161475	0,69123785	1,61466833	7,01324083	21,4516654	3,62861E-06	3,50638E-05	protein_coding
ENSMUSG00000024187	Iltfg	integrin alpha FG-GAP repeat containing 3 [Source:MGI Symbol;Acc:MGI:2146854]		119,9148261	0,6897996	1,61305944	6,90726782	22,4961962	2,1056E-06	2,13022E-05	protein_coding
ENSMUSG00000028247	Coq3	coenzyme Q3 homolog, methyltransferase (yeast) [Source:MGI Symbol;Acc:MGI:101813]		11,41738045	0,68949762	1,61272183	3,52728517	8,10160848	0,004422599	0,018250431	protein_coding
ENSMUSG00000026437	Cdk18	cyclin-dependent kinase 18 [Source:MGI Symbol;Acc:MGI:97518]		240,5478614	0,68917581	1,61236214	7,91028722	17,6013608	2,72393E-05	0,000213761	protein_coding
ENSMUSG00000046985	Tap11	transmembrane anterior posterior transformation 1 [Source:MGI Symbol;Acc:MGI:2683537]		26,74235965	0,68892016	1,61207644	4,75095125	17,3198913	3,15863E-05	0,000243707	protein_coding
ENSMUSG00000016520	Lnx2	ligand of numb-protein X 2 [Source:MGI Symbol;Acc:MGI:2155959]		9,00617488	0,68837289	1,61146504	3,18170235	9,26584186	0,002334671	0,010692386	protein_coding
ENSMUSG00000028692	Akr1a1	aldo-keto reductase family 1, member A1 (aldehyde reductase) [Source:MGI Symbol;Acc:MGI:1929955]		1251,708745	0,68604836	1,60887667	10,2897233	10,7397477	0,001048586	0,005348569	protein_coding
ENSMUSG00000048216	Gpr85	G protein-coupled receptor 85 [Source:MGI Symbol;Acc:MGI:1927851]		21,41443843	0,68434925	1,60697697	4,43356514	15,6224955	7,73291E-05	0,000544975	protein_coding
ENSMUSG00000021281	Tnfrsf2	tumor necrosis factor, alpha-induced protein 2 [Source:MGI Symbol;Acc:MGI:104960]		374,6732587	0,68376371	1,60632488	8,54993842	18,3528482	1,83544E-05	0,000150493	protein_coding
ENSMUSG00000022799	Arhgap31	Rho GTPase activating protein 31 [Source:MGI Symbol;Acc:MGI:1333857]		101,0743762	0,68330025	1,60580894	6,66158101	27,2114108	1,82379E-07	2,25399E-06	protein_coding
ENSMUSG00000037890	Wdr19	WD repeat domain 19 [Source:MGI Symbol;Acc:MGI:2443231]		7,58223987	0,68303827	1,60551737	2,91670118	7,91783089	0,00984993	0,01833671	protein_coding
ENSMUSG00000041654	Slc39a11	solute carrier family 39 (metal ion transporter), member 11 [Source:MGI Symbol;Acc:MGI:1917056]		38,50534097	0,68157757	1,60389263	5,27160448	16,0294666	6,26556E-05	0,000450204	protein_coding
ENSMUSG00000042694	Obfc1	oligonucleotide/oligosaccharide-binding fold containing 1 [Source:MGI Symbol;Acc:MGI:1915581]		6,230588856	0,68131784	1,60367123	2,65081928	6,33456049	0,011840745	0,0041790643	protein_coding
ENSMUSG00000022353	Mtss1	metastasis suppressor 1 [Source:MGI Symbol;Acc:MGI:2384818]		130,8836353	0,68099531	1,60324544	7,03184418	22,7141965	1,87974E-06	1,93016E-05	protein_coding
ENSMUSG00000021224	Numb	numb gene homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:107423]		42,83322667	0,68072977	1,60295038	5,4226225	21,0933084	4,37453E-06	4,14751E-05	protein_coding
ENSMUSG00000068220	Lgals1	lectin, galactose binding, soluble 1 [Source:MGI Symbol;Acc:MGI:96777]		695,7002364	0,68056532	1,60276767	9,44258331	12,5782789	0,000390256	0,002262661	protein_coding
ENSMUSG00000039680	Mrps6	mitochondrial ribosomal protein S6 [Source:MGI Symbol;Acc:MGI:2153111]		14,93529109	0,68018909	1,60234976	3,89667918	14,3089912	0,000155123	0,001004915	protein_coding
ENSMUSG00000009772	Nuak2	NUAK family, SNF1-like kinase, 2 [Source:MGI Symbol;Acc:MGI:1921387]		22,66129408	0,6801747	1,60233377	4,50106131	16,3924943	5,14887E-05	0,000378072	protein_coding
ENSMUSG00000036986	Pml	promyelocytic leukemia [Source:MGI Symbol;Acc:MGI:104662]		53,92029611	0,68017004	1,6023286	5,75648344	22,6522404	1,94134E-06	1,98414E-05	protein_coding
ENSMUSG00000040552	C3ar1	complement component 3a receptor 1 [Source:MGI Symbol;Acc:MGI:1097680]		1292,854051	0,6798263	1,60194687	10,3364736	10,4427251	0,001228305	0,006128696	protein_coding
ENSMUSG00000057789	Bak1	BCL2-antagonist/killer 1 [Source:MGI Symbol;Acc:MGI:1097161]		66,86877442	0,67766346	1,60159547	6,06598968	23,769589	1,08585E-06	1,16848E-05	protein_coding
ENSMUSG00000026384	Ptpn4	protein tyrosine phosphatase, non-receptor type 4 [Source:MGI Symbol;Acc:MGI:1099792]		5,925622387	0,67555327	1,59720918	2,56271089	6,13852496	0,01322676	0,045470092	protein_coding
ENSMUSG00000050222	Amz1	archaealysin family metalloproteinase 1 [Source:MGI Symbol;Acc:MGI:2442258]		17,59108555	0,67377131	1,59523759	4,13757552	10,5730873	0,001147459	0,005769856	protein_coding
ENSMUSG00000029267	Mtf2	metal response element binding transcription factor 2 [Source:MGI Symbol;Acc:MGI:105050]		31,44413661	0,67197835	1,59325628	4,98163964	17,8292985	2,41634E-05	0,000192259	protein_coding
ENSMUSG00000043154	Ppp2r3a	protein phosphatase 2, regulatory subunit B', alpha [Source:MGI Symbol;Acc:MGI:2442104]		7,592525339	0,67130933	1,59251761	2,91937851	6,47347395	0,010949629	0,039110395	protein_coding
ENSMUSG00000017466	Timpt	tissue inhibitor of metalloproteinase 2 [Source:MGI Symbol;Acc:MGI:98753]		252,8449013	0,67061999	1,59175687	7,98185222	15,7286218	7,31095E-05	0,000518898	protein_coding
ENSMUSG00000025154	Arhgap19	Rho GTPase activating protein 19 [Source:MGI Symbol;Acc:MGI:1918335]		74,05523056	0,66970723	1,59075012	6,21167315	18,9769229	1,32309E-05	0,000111994	protein_coding
ENSMUSG00000040746	Rnf187	ring finger protein 187 [Source:MGI Symbol;Acc:MGI:1917760]		14,03956092	0,66856132	1,58948711	3,79385421	13,0554898	0,000302397	0,001798827	protein_coding
ENSMUSG00000018378	Cuedc1	CUE domain containing 1 [Source:MGI Symbol;Acc:MGI:2444281]		8,327558281	0,66795189	1,58881581	3,05106146	7,69394961	0,005540625	0,022120219	protein_coding
ENSMUSG00000020189	Ospb18	oxysterol binding protein-like 8 [Source:MGI Symbol;Acc:MGI:2443807]		653,6781775	0,66707159	1,58784666	9,35255959	11,861395	0,000573096	0,003160947	protein_coding
ENSMUSG00000042029	Ncapp2	non-SMC condensin II complex, subunit G2 [Source:MGI Symbol;Acc:MGI:1923294]		21,10804804	0,66678221	1,58752819	4,4035414	15,2292529	9,5217E-05	0,00065262	protein_coding
ENSMUSG00000032265	Fam46a	family with sequence similarity 46, member A [Source:MGI Symbol;Acc:MGI:2670964]		35,95286452	0,66519648	1,58758423	5,17238824	22,1918021	2,46725E-06	2,46882E-05	protein_coding
ENSMUSG00000029657	Hsph1	heat shock 105kDa/110kDa protein 1 [Source:MGI Symbol;Acc:MGI:105053]		45,0669262	0,66437934	1,5848863	5,50415965	19,4750349	0,101923E-05	8,81755E-05	protein_coding
ENSMUSG00000021175	Cdca71	cell division cycle associated 7 like [Source:MGI Symbol;Acc:MGI:2384982]		14,44557366	0,66358305	1,58401176	3,86111369	9,18949584	0,002434079	0,011085183	protein_coding
ENSMUSG00000020629	Adi1	acireductone dioxygenase 1 [Source:MGI Symbol;Acc:MGI:2144928]		27,849783	0,66321397	1,58360658	4,79875495	18,2501209	1,93714E-05	0,000157771	protein_coding
ENSMUSG00000079834	Tmlhe	trimethyllysine hydroxylase, epsilon [Source:MGI Symbol;Acc:MGI:2180203]		17,16664793	0,66160487	1,5818413	4,11120146	13,5384193	0,000233729	0,001435429	protein_coding
ENSMUSG00000034908	Sid2	SID1 transmembrane family, member 2 [Source:MGI Symbol;Acc:MGI:2446134]		54,11264207	0,66031436	1,58042696	5,75957155	23,8584342	1,03687E-06	1,1257E-05	protein_coding
ENSMUSG00000008435	Rdh13	retinol dehydrogenase 13 (all-trans and 9-cis) [Source:MGI Symbol;Acc:MGI:1918732]		23,19566934	0,6591663	1,5791698	4,53959762	15,9202429	6,60683E-05	0,000471972	protein_coding
ENSMUSG00000025572	Tmc6	transmembrane channel-like gene family 6 [Source:MGI Symbol;Acc:MGI:1098686]		17,15854727	0,65912993	1,57912998	4,09466737	15,0621248	0,00010403	0,000708413	protein_coding
ENSMUSG00000035232	Pdk3	pyruvate dehydrogenase kinase, isoenzyme 3 [Source:MGI Symbol;Acc:MGI:2384308]		9,239191376	0,65908671	1,57908268	3,22909212	8,09155581	0,004447197	0,018327589	protein_coding
ENSMUSG00000096370		RNA-binding protein 4 [Source:UniProtKB/Swiss-Prot;Acc:Q8C7Q4]		10,22480881	0,65705464	1,57686006	3,35700771	8,58277797	0,003393572	0,014667656	protein_coding
ENSMUSG00000078780	Gm5150	predicted gene 5150 [Source:MGI Symbol;Acc:MGI:3779469]		26,26410398	0,65618593	1,57591085	4,74347299	18,6395878	1,57907E-05	0,000132135	protein_coding
ENSMUSG000000031788	Kifc3	kinesin family member C3 [Source:MGI Symbol;Acc:MGI:109202]		13,72667195	0,65505696	1,57467813	3,76302298	11,9680587	0,000541203	0,00300313	protein_coding
ENSMUSG00000037885	Stk35	serine/threonine kinase 35 [Source:MGI Symbol;Acc:MGI:1914583]		31,82515792	0,65492344	1,5745324	4,99651522	19,8504775	8,35419E-06	7,39625E-05	protein_coding
ENSMUSG00000020888	Dvl2	dishevelled 2, dsh homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:106613]		15,98319633	0,65373022	1,57323067	3,99350296	13,8637014	0,000196558	0,00123405	protein_coding
ENSMUSG00000039361	Picalm	phosphatidylinositol binding clathrin assembly protein [Source:MGI Symbol;Acc:MGI:2385902]		399,881803	0,65325461	1,57271212	8,64419203	17,1700955	3,41774E-05	0,000260588	protein_coding
ENSMUSG00000020472	Zkscan17	zinc finger with KRAB and SCAN domains 17 [Source:MGI Symbol;Acc:MGI:2679270]		11,30832776	0,64914112	1,56823439	3,50238936	9,60099674	0,001944718	0,009154505	protein_coding
ENSMUSG00000021668	Polk	polymerase (DNA directed), kappa [Source:MGI Symbol;Acc:MGI:1349767]		22,35479494	0,64786395	1,56684661	4,48997004	10,6762782	0,000504567	0,005054567	protein_coding
ENSMUSG00000030254	Rad18	RAD18 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1890476]		7,760962166	0,64760181	1,56656194	2,97470465	6,73609042	0,009448146	0,034679209	protein_coding
ENSMUSG00000034902	Pip5k1c	phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma [Source:MGI Symbol;Acc:MGI:1298224]		170,0607242	0,64622364	1,56506616	7,40881121	20,9481157	4,71892E-06	4,44655E-05	protein_coding
ENSMUSG00000039357	Fut11	fucosyltransferase 11 [Source:MGI Symbol;Acc:MGI:1920318]		11,72217714	0,64566251	1,56445755	3,54448999	10,6131794	0,001122845	0,00566423	protein_coding
ENSMUSG00000026074	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4 [Source:MGI Symbol;Acc:MGI:1349394]		77,78770886	0,64555559	1,5643416	6,28542762	21,7691384</			

ENSMUSG00000022992	Kansl2	KAT8 regulatory NSL complex subunit 2 [Source:MGI Symbol;Acc:MGI:1916862]	Sheet1	43,03109602	0,63918407	1,55744809	5,43299918	19,5679761	9,70829E-06	8,45206E-05	protein_coding
ENSMUSG00000015711	Prune	prune homologue (Drosophila) [Source:MGI Symbol;Acc:MGI:1925152]		20,68427599	0,63886393	1,55710252	4,37297511	15,3202645	9,07379E-05	0,000626217	protein_coding
ENSMUSG00000029456	Acad10	acyl-Coenzyme A dehydrogenase family, member 10 [Source:MGI Symbol;Acc:MGI:1919235]		6,524612726	0,63843102	1,55663534	2,1900728	6,13503294	0,013252908	0,04554573	protein_coding
ENSMUSG00000028617	Lrrc42	acyline rich repeat containing 42 [Source:MGI Symbol;Acc:MGI:1925059]		16,47300525	0,63651463	1,55456898	4,06249034	12,1492947	0,000491084	0,07671169	protein_coding
ENSMUSG00000032815	Fanca	Fanconi anemia, complementation group A [Source:MGI Symbol;Acc:MGI:1341823]		7,803605748	0,63576573	1,55376222	2,98057295	6,48879389	0,010855661	0,03883329	protein_coding
ENSMUSG00000015688	Lpl	lipoprotein lipase [Source:MGI Symbol;Acc:MGI:96820]		2598,259155	0,6345278	1,55242956	11,3433551	6,06467798	0,01379119	0,047042472	protein_coding
ENSMUSG00000020806	Rhbdf2	rhomboid 5 homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:2442473]		71,46537771	0,63352856	1,55135468	6,16584731	18,6218753	1,59381E-05	0,000133165	protein_coding
ENSMUSG00000033526	Ppip5k1	diphosphoinositol pentakisphosphate kinase 1 [Source:MGI Symbol;Acc:MGI:2443281]		18,82467592	0,63350957	1,55133424	4,23327925	15,0487139	0,000104772	0,000710275	protein_coding
ENSMUSG00000027695	Plid1	phospholipase D1 [Source:MGI Symbol;Acc:MGI:109585]		17,79830734	0,63126021	1,5489174	4,1634014	14,6139601	0,000131934	0,000871126	protein_coding
ENSMUSG00000032300	1700017B05Rik	RIKEN cDNA 1700017B05 gene [Source:MGI Symbol;Acc:MGI:1921461]		86,65466002	0,62950242	1,54703133	6,43839312	17,3314654	3,13945E-05	0,000242568	protein_coding
ENSMUSG00000006050	Sra1	steroid receptor RNA activator 1 [Source:MGI Symbol;Acc:MGI:1344414]		34,64812398	0,62916104	1,54666531	5,11982981	19,5953766	9,57005E-06	8,33831E-05	protein_coding
ENSMUSG00000041779	Tram2	translocating chain-associating membrane protein 2 [Source:MGI Symbol;Acc:MGI:1924817]		9,941872394	0,62661271	1,54393575	3,32258143	8,34542744	0,003866592	0,016339325	protein_coding
ENSMUSG00000055912	Tmem150a	transmembrane protein 150A [Source:MGI Symbol;Acc:MGI:2385244]		9,251613472	0,62566676	1,54292375	3,21153533	7,75679022	0,005351097	0,021457119	protein_coding
ENSMUSG00000054499	Dedd2	death effector domain-containing DNA binding protein 2 [Source:MGI Symbol;Acc:MGI:1914629]		8,125324409	0,62539311	1,5426311	3,02020297	6,59528818	0,0102249	0,037088472	protein_coding
ENSMUSG00000021094	Dhrs7	dehydrogenase/reductase (SDR family) member 7 [Source:MGI Symbol;Acc:MGI:1913625]		15,28077058	0,62537585	1,54261265	3,92790488	12,0615338	0,000514729	0,002876567	protein_coding
ENSMUSG000000057137	Tmem140	transmembrane protein 140 [Source:MGI Symbol;Acc:MGI:1915737]		39,18361627	0,6240833	1,5412312	5,29239953	16,9197891	3,8993E-05	0,000293636	protein_coding
ENSMUSG00000028967	Erfri1	ERBB receptor feedback inhibitor 1 [Source:MGI Symbol;Acc:MGI:1921405]		11,41856973	0,62128196	1,53824143	3,54086825	7,05804209	0,007891019	0,002982409	protein_coding
ENSMUSG000000022623	Trio	triple functional domain (PTPRF interacting) [Source:MGI Symbol;Acc:MGI:1927230]		101,7295873	0,62002237	1,53689901	6,66752133	20,3724891	6,37396E-06	5,80204E-05	protein_coding
ENSMUSG00000006301	Tmbim1	transmembrane BAX inhibitor motif containing 1 [Source:MGI Symbol;Acc:MGI:1916910]		104,5865247	0,6183425	1,53511049	6,71078745	20,2749645	6,70725E-06	6,07523E-05	protein_coding
ENSMUSG00000019990	Pde7b	phosphodiesterase 7B [Source:MGI Symbol;Acc:MGI:1352752]		15,33121452	0,61802863	1,53477656	3,94726562	8,14687914	0,004313533	0,017904341	protein_coding
ENSMUSG000000048719	Tbc1d12	TBC1D12: TBC1 domain family, member 12 [Source:MGI Symbol;Acc:MGI:2384803]		10,09027009	0,61748851	1,53420207	3,34443686	8,13314105	0,004346339	0,017999707	protein_coding
ENSMUSG00000056290	4922501C03Rik	RIKEN cDNA 4922501C03 gene [Source:MGI Symbol;Acc:MGI:1925343]		17,39946489	0,61744666	1,53415756	4,12606485	11,5400489	0,000681128	0,003682854	protein_coding
ENSMUSG00000053581	Zfand2a	zinc finger, AN1-type domain 2A [Source:MGI Symbol;Acc:MGI:2140729]		78,32041923	0,61697337	1,53365435	6,29248161	17,8209507	2,42696E-05	0,000192945	protein_coding
ENSMUSG00000031639	Thr3	toil-like receptor 3 [Source:MGI Symbol;Acc:MGI:2156367]		13,10335391	0,61518941	1,53175909	3,71966152	8,61508909	0,003333895	0,014460917	protein_coding
ENSMUSG00000025417	Pip4k2c	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma [Source:MGI Symbol;Acc:MGI:2152214]		61,76619108	0,61504488	1,53160946	5,95167263	16,5587541	4,71657E-05	0,000348728	protein_coding
ENSMUSG00000049232	Tigd2	tigger transposable element derived 2 [Source:MGI Symbol;Acc:MGI:1915390]		14,8681829	0,61501101	1,53156968	3,90046723	10,9896206	0,000916236	0,004757411	protein_coding
ENSMUSG00000030172	Erc1	ELKS/RAB6-interacting/CAST family member 1 [Source:MGI Symbol;Acc:MGI:2151013]		18,58500721	0,6142377	1,53074896	4,23062849	9,24994649	0,002655023	0,010776609	protein_coding
ENSMUSG00000001227	Sema6b	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B [Source:MGI Symbol;Acc:MGI:1		10,21042952	0,61159048	1,52794274	3,34658519	8,00709636	0,004659439	0,019094576	protein_coding
ENSMUSG00000002927	Dbf4	DBF4 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1351328]		18,44153411	0,61157898	1,52793056	4,21337419	11,1839304	0,000825088	0,004348645	protein_coding
ENSMUSG000000119960	Dusp6	dual specificity phosphatase 6 [Source:MGI Symbol;Acc:MGI:1914853]		17,88391566	0,61128861	1,52762307	4,16974586	12,2733905	0,000459463	0,002607499	protein_coding
ENSMUSG00000079043	Fastkd5	FAST kinase domains 5 [Source:MGI Symbol;Acc:MGI:2139469]		9,240114993	0,61103883	1,52735861	3,2216281	7,36434695	0,006652976	0,025783508	protein_coding
ENSMUSG00000009035	Tmem184b	transmembrane protein 184b [Source:MGI Symbol;Acc:MGI:2445179]		71,60501374	0,61072471	1,52702608	6,16286707	16,4135584	5,09197E-05	0,000374719	protein_coding
ENSMUSG00000049323	Smcr8	Smith-Magenis syndrome chromosome region, candidate 8 homolog (human) [Source:MGI Symbol;Acc:MGI:2444720]		159,3123565	0,61041225	1,5266954	7,31717328	21,153472	4,23933E-06	4,00827E-05	protein_coding
ENSMUSG00000026979	Psd4	pleckstrin and Sec7 domain containing 4 [Source:MGI Symbol;Acc:MGI:2674093]		131,1799197	0,61027519	1,52655036	7,0359462	20,1234121	7,26025E-06	6,50671E-05	protein_coding
ENSMUSG00000049225	Pdp1	pyruvate dehydrogenase phosphatase catalytic subunit 1 [Source:MGI Symbol;Acc:MGI:2685870]		19,92238069	0,61019582	1,52646639	4,32756809	11,919797	0,000555405	0,003069536	protein_coding
ENSMUSG00000021510	A530054K11Rik	RIKEN cDNA A530054K11 gene [Source:MGI Symbol;Acc:MGI:3036250]		18,30009573	0,61015096	1,52641892	4,1950944	12,1497801	0,000490937	0,002761169	protein_coding
ENSMUSG00000029924	Slc37a3	solute carrier family 37 (glycerol-3-phosphate transporter), member 3 [Source:MGI Symbol;Acc:MGI:1919394]		13,31933741	0,60826806	1,52442805	3,74559047	8,58915984	0,0033817	0,01463361	protein_coding
ENSMUSG00000041161	Ottd3	OTU domain containing 3 [Source:MGI Symbol;Acc:MGI:1920412]		9,795329751	0,60709397	1,52318795	3,28783848	8,24951861	0,004076281	0,01707438	protein_coding
ENSMUSG00000028744	Pqjc2	PQ loop repeat containing 2 [Source:MGI Symbol;Acc:MGI:2384837]		25,04871539	0,60593415	1,52196391	4,65005779	14,1407782	0,000169627	0,001084297	protein_coding
ENSMUSG000000031609	Sap30	sin3 associated polypeptide [Source:MGI Symbol;Acc:MGI:1929129]		20,07801882	0,60430687	1,52024819	4,34337948	13,8265054	0,000200488	0,00125585	protein_coding
ENSMUSG00000023079	Gif2ird1	general transcription factor II I repeat domain-containing 1 [Source:MGI Symbol;Acc:MGI:1861942]		17,9829993	0,60403373	1,51996039	4,17613262	10,1243009	0,001463272	0,007145317	protein_coding
ENSMUSG00000040820	Hlcs	holocarboxylase synthetase (biotin-[propionyl-Coenzyme A-carboxylase (ATP-hydrolysing)] ligase) [Source:MGI Symbol		7,502566031	0,60391407	1,51983433	2,918225	6,25821011	0,012361904	0,043103852	protein_coding
ENSMUSG00000029311	Hsd17b11	hydroxysteroid (17-beta) dehydrogenase 11 [Source:MGI Symbol;Acc:MGI:2149821]		44,14444789	0,60303054	1,51890385	5,46575567	15,637111	7,67337E-05	0,000541821	protein_coding
ENSMUSG00000026643	Nmt2	N-methyltransferase 2 [Source:MGI Symbol;Acc:MGI:1202298]		37,008979364	0,60297978	1,5188504	5,21628762	17,8481892	2,39247E-05	0,000190894	protein_coding
ENSMUSG00000037253	Mex3c	mex3 homolog C (C. elegans) [Source:MGI Symbol;Acc:MGI:2652843]		44,29374017	0,60279009	1,51865072	5,47509314	19,1748808	1,19273E-05	0,000101585	protein_coding
ENSMUSG00000027274	Mkks	McKusick-Kaufman syndrome [Source:MGI Symbol;Acc:MGI:1891836]		19,99512047	0,60201059	1,51783039	4,33061343	13,4100395	0,002502081	0,001528538	protein_coding
ENSMUSG00000011877	Git1	G protein-coupled receptor kinase-interactor 1 [Source:MGI Symbol;Acc:MGI:1927140]		73,57162462	0,60159195	1,51739002	6,2000661	18,5846383	1,62525E-05	0,00013538	protein_coding
ENSMUSG00000036698	Eif2c2	eukaryotic translation initiation factor 2C, 2 [Source:MGI Symbol;Acc:MGI:2446632]		143,8960018	0,60146867	1,51726036	7,17006481	18,8217084	1,43524E-05	0,000121021	protein_coding
ENSMUSG00000009569	Mkl2	MKL/myocardin-like 2 [Source:MGI Symbol;Acc:MGI:3050795]		62,03432393	0,60059005	1,51633661	5,95650028	17,7820434	6,27047E-05	0,000196363	protein_coding
ENSMUSG00000028673	Fuca1	fucosidase, alpha-L-1, tissue [Source:MGI Symbol;Acc:MGI:95593]		96,91827669	0,60003939	1,51575795	6,59845805	18,5976188	1,61422E-05	0,000134563	protein_coding
ENSMUSG00000021676	Iqgap2	IQ motif containing GTPase activating protein 2 [Source:MGI Symbol;Acc:MGI:2449975]		58,8330914	0,5969939	1,51256161	5,88153253	15,6426082	7,65111E-05	0,000540596	protein_coding
ENSMUSG00000047881	Rel1	RELT-like 1 [Source:MGI Symbol;Acc:MGI:2140767]		15,97479153	0,59698627	1,51253473	4,000153012	12,3600857	0,000438611	0,002498193	protein_coding
ENSMUSG00000026159	Afgf1	ArfGAP with FG repeats 1 [Source:MGI Symbol;Acc:MGI:1333754]		83,24663218	0,59620238	1,51171397	6,38528577	20,4387312	6,1571E-06	5,63265E-05	protein_coding
ENSMUSG00000025355	Mmp19	matrix metalloproteinase 19 [Source:MGI Symbol;Acc:MGI:1927899]		45,78372508	0,59561747	1,51119121	5,52241701	16,8963327	3,94778E-05	0,0029688	protein_coding
ENSMUSG00000027630	Tbl1xr1	transducin (beta)-like 1X-linked receptor 1 [Source:MGI Symbol;Acc:MGI:2441730]		66,3772281	0,59525906	1,51074384	6,05020216	21,0930423	4,37514E-06	4,14751E-05	protein_coding
ENSMUSG00000073016	Uprt	uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2685620]		11,08484097	0,59505539	1,51053058	3,47164534	7,63076073	0,00573811	0,022776232	protein_coding
ENSMUSG00000030323	Ift122	intraflagellar transport 122 [Source:MGI Symbol;Acc:MGI:1932386]		8,278502254	0,59474341	1,51020396	3,05473338	6,56840876	0,010380472	0,037516528	protein_coding
ENSMUSG00000056267	Cep70	centrosomal protein 70 [Source:MGI Symbol;Acc:MGI:1915371]		7,886590631	0,59397312	1,50939784	2,9762181	5,99501022	0,014346398	0,048529518	protein_coding
ENSMUSG00000052102	Gnpda1	glucosamine-6-phosphate deaminase 1 [Source:MGI Symbol;Acc:MGI:1347054]		124,029163	0,59312918	1,50851514	6,95533169	18,4667934	1,72891E-05	0,000143038	protein_coding
ENSMUSG00000011752	Pgam1	phosphoglycerate mutase 1 [Source:MGI Symbol;Acc:MGI:97552]		554,5506734	0,59270112	1,50806763	9,11540807	10,2286593	0,001382751	0,006794405	protein_coding
ENSMUSG00000015536	Mocs2	molybdenum cofactor synthesis 2 [Source:MGI Symbol;Acc:MGI:1336894]		31,43289081	0,59206669	1,50796892	4,9				

ENSMUSG00000026509	Capn2	calpain 2 [Source:MGI Symbol;Acc:MGI:88264]	218,7096643	0,58534528	1,50039803	7,77337047	15,6348726	7,68247E-05	0,000542115	protein_coding
ENSMUSG00000022335	Zfat	zinc finger and AT hook domain containing [Source:MGI Symbol;Acc:MGI:2681865]	13,87862457	0,58534081	1,50039339	3,79867046	8,3722122	0,003810016	0,01616241	protein_coding
ENSMUSG00000025986	Slc39a10	solute carrier family 39 (zinc transporter), member 10 [Source:MGI Symbol;Acc:MGI:1914515]	25,03512127	0,58441631	1,49943222	4,65372453	15,3479354	8,94186E-05	0,000619056	protein_coding
ENSMUSG00000019066	Rab3d	RAB3D, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:97844]	24,81522457	0,58428328	1,49929396	4,63935629	13,913716	0,000191397	0,001207161	protein_coding
ENSMUSG00000022514	Il1rap	interleukin 1 receptor accessory protein [Source:MGI Symbol;Acc:MGI:104975]	10,22609224	0,58418839	1,49919536	3,36675255	6,33360152	0,011847149	0,041799817	protein_coding
ENSMUSG00000035133	Arhgap5	Rho GTPase activating protein 5 [Source:MGI Symbol;Acc:MGI:1332637]	21,5704189	0,58350081	1,49848102	4,43209847	12,8240813	0,000342186	0,002090948	protein_coding
ENSMUSG00000079252	Tor1aip2	torsin A interacting protein 2 [Source:MGI Symbol;Acc:MGI:3582695]	121,150145	0,58224277	1,4971749	6,92399301	15,3036366	9,15401E-05	0,00063017	protein_coding
ENSMUSG00000028961	Pgd	phosphogluconate dehydrogenase [Source:MGI Symbol;Acc:MGI:97553]	423,3900395	0,58208614	1,49701236	8,72637367	11,4702431	0,000707194	0,0003799483	protein_coding
ENSMUSG00000046791	2410016006Rik	RIKEN cDNA 2410016006 gene [Source:MGI Symbol;Acc:MGI:1919202]	10,93269506	0,58193711	1,49685773	3,45585811	7,31569781	0,006835485	0,026406989	protein_coding
ENSMUSG00000039512	Uhrf1bp1	UHRF1 (ICBP90) binding protein 1 [Source:MGI Symbol;Acc:MGI:3041238]	43,20521462	0,58158229	1,49648964	5,43378521	18,0367275	2,16684E-05	0,000174795	protein_coding
ENSMUSG00000035969	Rusc2	RUN and SH3 domain containing 2 [Source:MGI Symbol;Acc:MGI:2140371]	82,10331036	0,58131007	1,49620729	6,35943463	12,5178096	0,000403091	0,00232359	protein_coding
ENSMUSG00000047534	Mis18bp1	MIS18 binding protein 1 [Source:MGI Symbol;Acc:MGI:2145099]	9,107988098	0,57959101	1,49442554	3,19672255	6,27224587	0,012264359	0,042920632	protein_coding
ENSMUSG00000051149	Adnp	activity-dependent neuroprotective protein [Source:MGI Symbol;Acc:MGI:1338758]	27,21808114	0,57884881	1,49365692	4,76761411	9,54115786	0,00200915	0,009405422	protein_coding
ENSMUSG00000038178	Slc43a2	solute carrier family 43, member 2 [Source:MGI Symbol;Acc:MGI:2442746]	365,0363087	0,57877704	1,49358261	8,51174316	12,8794843	0,000332204	0,001957063	protein_coding
ENSMUSG00000016487	Ppfbp1	PTPRF interacting protein, binding protein 1 (liprin beta 1) [Source:MGI Symbol;Acc:MGI:1914783]	75,15235452	0,57788904	1,49266357	6,2339365	15,268258	9,32708E-05	0,000640879	protein_coding
ENSMUSG00000030223	Ptpro	protein tyrosine phosphatase, receptor type, O [Source:MGI Symbol;Acc:MGI:1097152]	22,38755627	0,57717354	1,49192347	4,49071483	10,236632	0,001376877	0,006768127	protein_coding
ENSMUSG00000017774	Myo1c	myosin IC [Source:MGI Symbol;Acc:MGI:106612]	25,2161018	0,57709034	1,49183745	7,99031957	15,6971919	7,43344E-05	0,000527252	protein_coding
ENSMUSG00000009418	Nav1	neuron navigator 1 [Source:MGI Symbol;Acc:MGI:2183683]	94,39898991	0,57661252	1,49134343	6,56278376	15,3122674	9,11228E-05	0,000628084	protein_coding
ENSMUSG00000071547	Nf5dc2	5'-nucleotidase domain containing 2 [Source:MGI Symbol;Acc:MGI:1917271]	15,35697883	0,57659363	1,4913239	3,94958162	8,41038434	0,003730838	0,015931098	protein_coding
ENSMUSG00000015312	Gadd45b	growth arrest and DNA-damage-inducible 45 beta [Source:MGI Symbol;Acc:MGI:107776]	57,25206192	0,57617739	1,49098369	5,84096269	18,6016775	1,61079E-05	0,000134481	protein_coding
ENSMUSG00000021279	Cdc42bpb	CDC42 binding protein kinase beta [Source:MGI Symbol;Acc:MGI:2136459]	92,01966118	0,57600974	1,49072045	6,52456	17,5388919	2,1936E-05	0,000220003	protein_coding
ENSMUSG00000021918	Nek4	NIMA (never in mitosis gene a)-related expressed kinase 4 [Source:MGI Symbol;Acc:MGI:1344404]	10,0857577	0,57317361	1,49079279	3,33679643	7,38499347	0,000577031	0,025543244	protein_coding
ENSMUSG00000079254	Itrip	inositol 1,4,5-triphosphate receptor interacting protein [Source:MGI Symbol;Acc:MGI:3042776]	9,067437811	0,57265865	1,48726183	3,18598656	6,77158616	0,009262048	0,034102588	protein_coding
ENSMUSG00000031360	Ctsp2	cytidine 5'-triphosphate synthase 2 [Source:MGI Symbol;Acc:MGI:1933185]	37,23430659	0,57203316	1,48661716	5,22459003	15,3971446	8,71198E-05	0,000605431	protein_coding
ENSMUSG00000039789	Zfp597	zinc finger protein 597 [Source:MGI Symbol;Acc:MGI:1918313]	10,63381006	0,57001038	1,48453425	3,41246905	7,66280737	0,005637072	0,022409565	protein_coding
ENSMUSG00000027469	Tpx2	TPX2, microtubule-associated protein homolog (Xenopus laevis) [Source:MGI Symbol;Acc:MGI:1919369]	18,25970307	0,56838377	1,48286141	4,20259733	10,2569041	0,00136174	0,006697152	protein_coding
ENSMUSG00000035469	Rcbt1	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1 [Source:MGI Symbol;Acc:MGI:1918313]	29,83728009	0,56799792	1,48246487	4,90582221	12,4851861	0,000410192	0,00235798	protein_coding
ENSMUSG00000002985	ApoE	apolipoprotein E [Source:MGI Symbol;Acc:MGI:88057]	1003,168218	0,56719583	1,4816409	9,97038823	8,36833346	0,003818156	0,016180786	protein_coding
ENSMUSG00000010663	Fads1	fatty acid desaturase 1 [Source:MGI Symbol;Acc:MGI:1923517]	61,63681021	0,5668531	1,48128896	5,94579344	17,4076753	3,01606E-05	0,000233691	protein_coding
ENSMUSG00000007659	Bcl2l1	BCL2-like 1 [Source:MGI Symbol;Acc:MGI:88139]	103,4980691	0,56675441	1,48118763	6,69555871	18,3176349	1,86968E-05	0,000152503	protein_coding
ENSMUSG00000029446	Psph	phosphoserine phosphatase [Source:MGI Symbol;Acc:MGI:97788]	10,16543427	0,56674724	1,48118028	3,35083175	6,63051847	0,010024608	0,03649449	protein_coding
ENSMUSG00000021687	Scamp1	secretory carrier membrane protein 1 [Source:MGI Symbol;Acc:MGI:1349480]	71,78794767	0,56616262	1,48058018	6,16991956	17,4004389	3,02756E-05	0,000234417	protein_coding
ENSMUSG00000062232	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2 [Source:MGI Symbol;Acc:MGI:2659071]	122,6807447	0,56599482	1,48040799	6,94528822	18,0759977	2,1226E-05	0,000171604	protein_coding
ENSMUSG00000046675	Tmem251	transmembrane protein 251 [Source:MGI Symbol;Acc:MGI:2443862]	19,3778537	0,5655268	1,4799278	4,27931139	9,80112347	0,001744053	0,008373791	protein_coding
ENSMUSG00000074151	Nlrc5	NLR family, CARD domain containing 5 [Source:MGI Symbol;Acc:MGI:3612191]	70,4673034	0,56374219	1,47809827	6,1409981	16,5540629	4,72826E-05	0,000349357	lincRNA
ENSMUSG00000040997	Abhd4	abhydrolase domain containing 4 [Source:MGI Symbol;Acc:MGI:1915938]	63,27954467	0,56270351	1,47703448	5,98641759	14,8417003	0,000116921	0,000782678	protein_coding
ENSMUSG00000026134	Prim2	DNA primase, p58 subunit [Source:MGI Symbol;Acc:MGI:97758]	8,822168089	0,56235206	1,47667472	3,15632265	6,01629303	0,014174389	0,048051222	protein_coding
ENSMUSG00000032846	Zswim6	zinc finger, SWIM domain containing 6 [Source:MGI Symbol;Acc:MGI:1914513]	46,19513374	0,56227264	1,47659342	5,53700359	16,9230608	3,89258E-05	0,000293332	protein_coding
ENSMUSG00000059689	Zfp637	zinc finger protein 637 [Source:MGI Symbol;Acc:MGI:2448537]	10,27241861	0,56175447	1,47606318	3,3644606	7,18878415	0,007336067	0,027996308	protein_coding
ENSMUSG00000024085	Man2a1	mannosidase 2, alpha 1 [Source:MGI Symbol;Acc:MGI:104669]	70,13277085	0,56172845	1,47603655	6,13535534	14,2862079	0,000157011	0,001014157	protein_coding
ENSMUSG00000024529	Lox	lysyl oxidase [Source:MGI Symbol;Acc:MGI:96817]	304,0596486	0,56079838	1,4750853	8,24864088	12,53286	0,000399857	0,02303737	protein_coding
ENSMUSG00000006715	Gmnn	geminin [Source:MGI Symbol;Acc:MGI:1927344]	12,21435295	0,56056967	1,47485147	3,62283565	7,17084411	0,00740979	0,028218844	protein_coding
ENSMUSG00000036833	Pnpla7	patatin-like phospholipase domain containing 7 [Source:MGI Symbol;Acc:MGI:2385325]	75,12178562	0,56046099	1,47474037	6,22917224	16,3954816	5,14077E-05	0,000377803	protein_coding
ENSMUSG00000029156	Sgcb	sarcoglycan, beta (dystrophin-associated glycoprotein) [Source:MGI Symbol;Acc:MGI:1346523]	18,88737692	0,55919457	1,47344638	4,24581455	10,3399917	0,001301786	0,006439767	protein_coding
ENSMUSG00000023175	Bsg	basigin [Source:MGI Symbol;Acc:MGI:88208]	179,3481716	0,55861315	1,4728527	4,87765338	16,5663334	4,69776E-05	0,000347571	protein_coding
ENSMUSG000000066150	Slc31a1	solute carrier family 31, member 1 [Source:MGI Symbol;Acc:MGI:1333843]	113,5106309	0,55822221	1,47245353	6,8300401	18,1104373	2,08546E-05	0,000169526	protein_coding
ENSMUSG00000051934	Spats2	spermatogenesis associated, serine-rich 2 [Source:MGI Symbol;Acc:MGI:1919822]	15,0526807	0,55732583	1,47153905	3,92499265	9,40366405	0,002165522	0,010043308	protein_coding
ENSMUSG0000001482	Def8	differentially expressed in FDCP 8 [Source:MGI Symbol;Acc:MGI:1346331]	35,50600095	0,55664966	1,47084952	5,15048418	13,3651695	0,00256341	0,001556031	protein_coding
ENSMUSG00000025503	Taldo1	transaldolase 1 [Source:MGI Symbol;Acc:MGI:1274789]	234,1491879	0,55659014	1,47078884	7,87233238	11,285718	0,000781056	0,004149644	protein_coding
ENSMUSG00000014778	Fhod1	formin homology 2 domain containing 1 [Source:MGI Symbol;Acc:MGI:2679008]	19,48311487	0,55624827	1,47044036	4,28169233	11,4799327	0,000703517	0,003785279	protein_coding
ENSMUSG00000024014	Pim1	proviral integration site 1 [Source:MGI Symbol;Acc:MGI:97584]	92,61830242	0,55611692	1,47030649	6,53610803	18,631985	1,58538E-05	0,000132562	protein_coding
ENSMUSG00000002250	Ppard	peroxisome proliferator activator receptor delta [Source:MGI Symbol;Acc:MGI:101884]	28,79276244	0,55497935	1,4691476	4,84895649	12,5357462	0,00039924	0,002305019	protein_coding
ENSMUSG00000033793	Atp6a1	ATPase, H+ transporting, lysosomal V1 subunit H [Source:MGI Symbol;Acc:MGI:1914864]	162,6795116	0,55429246	1,46844829	7,34747955	14,703933	0,000125784	0,000835037	protein_coding
ENSMUSG00000056708	Ier5	immediate early response 5 [Source:MGI Symbol;Acc:MGI:1337027]	85,88671141	0,55142542	1,46853297	6,42327097	15,9359072	6,55238E-05	0,000468997	protein_coding
ENSMUSG00000034947	Tmem106a	transmembrane protein 106A [Source:MGI Symbol;Acc:MGI:1922056]	229,7630424	0,55073276	1,46482951	7,84486981	13,9188298	0,000190877	0,001204573	protein_coding
ENSMUSG00000061666	Gdpd1	glycerophosphodiester phosphodiesterase domain containing 1 [Source:MGI Symbol;Acc:MGI:1913819]	23,07397402	0,54920353	1,46327764	4,53375304	12,1619571	0,000487742	0,002746703	protein_coding
ENSMUSG00000001521	Tulp3	tubby-like protein 3 [Source:MGI Symbol;Acc:MGI:1329045]	12,83251221	0,54862238	1,46268832	3,69119734	7,03951813	0,007973048	0,030082376	protein_coding
ENSMUSG00000029103	Lrpap1	low density lipoprotein receptor-related protein associated protein 1 [Source:MGI Symbol;Acc:MGI:96829]	138,1940255	0,5485188	1,46258331	7,1113218	13,9216767	0,000190588	0,001203441	protein_coding
ENSMUSG00000030314	Atg7	autophagy related 7 [Source:MGI Symbol;Acc:MGI:1921494]	60,38218057	0,54694091	1,46098454	5,91872783	14,883709	0,000114346	0,000767454	protein_coding
ENSMUSG00000002814	Top3a	topoisomerase (DNA) III alpha [Source:MGI Symbol;Acc:MGI:1197527]	21,30456146	0,54681103	1,46085228	4,41517259	11,8550903	0,000575039	0,003170075	protein_coding
ENSMUSG00000032462	Pik3cb	phosphatidylinositol 3-kinase, catalytic, beta polypeptide [Source:MGI Symbol;Acc:MGI:1922019]	47,24758897	0,54667437	1,46071464	5,56537793	11,8894723	0,000564521	0,003116781	protein_coding
ENSMUSG00000050002	Ildn	idnK glucokinase homolog (E. coli) [Source:MGI Symbol;Acc:MGI:1922981]	9,668813604	0,54667358	1,46071378	3,28619607	6,05078545	0,013900112	0,047311194	protein_coding
ENSMUSG00000044345	Marveld1	MARVEL (membrane-associating) domain containing 1 [Source:MGI Symbol;Acc:MGI:2147570]	17,67314621	0,54576557	1,45979478	4,16204325	9,37303521			

ENSMUSG00000066026	Dhrs3	dehydrogenase/reductase (SDR family) member 3 [Source:MGI Symbol;Acc:MGI:1315215]	Sheet1	116,3354817	0,538709	1,452672	6,86245219	17,2115764	3,34392E-05	0,000255847	protein_coding
ENSMUSG00000022967	Ifnar1	interferon (alpha and beta) receptor 1 [Source:MGI Symbol;Acc:MGI:107658]		115,7469803	0,53787058	1,45182803	6,85678401	17,6357036	2,67519E-05	0,000210245	protein_coding
ENSMUSG00000052566	Hook2	hook homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:2181664]		24,40668872	0,53748669	1,45144177	4,61512766	10,5467983	0,001163895	0,005841808	protein_coding
ENSMUSG00000028980	H6pd	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) [Source:MGI Symbol;Acc:MGI:2140356]		69,47886828	0,53657715	1,450527	6,11985438	14,3315873	0,000153271	0,000994093	protein_coding
ENSMUSG00000019978	Epb4a.1l2	erythrocyte protein band 4.1-like 2 [Source:MGI Symbol;Acc:MGI:103009]		111,4011722	0,53622576	1,45017374	6,80100624	13,6849988	0,000216174	0,001339599	protein_coding
ENSMUSG00000034640	Tiparp	TCDD-inducible poly(ADP-ribose) polymerase [Source:MGI Symbol;Acc:MGI:2159210]		74,49251141	0,53596675	1,44991342	6,22323314	15,9842253	6,38725E-05	0,000458971	protein_coding
ENSMUSG00000033880	Lgals3bp	lectin, galactoside-binding, soluble, 3 binding protein [Source:MGI Symbol;Acc:MGI:99554]		444,5586457	0,53503303	1,44897533	8,79645429	8,32600592	0,003908149	0,016489549	protein_coding
ENSMUSG00000022564	Grina	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) [Source:MGI Symbol;Acc:MG		281,3312666	0,53421395	1,44815292	8,13627768	12,5555018	0,000395042	0,002284379	protein_coding
ENSMUSG00000030533	Unc45a	unc-45 homolog A (C. elegans) [Source:MGI Symbol;Acc:MGI:2142246]		27,6053512	0,53252481	1,44645838	4,78898505	12,6740994	0,000370757	0,00218101	protein_coding
ENSMUSG0000005514	Por	P450 (cytochrome) oxidoreductase [Source:MGI Symbol;Acc:MGI:97744]		421,1811486	0,53107171	1,44500222	8,71850048	9,73930033	0,001803965	0,008616404	protein_coding
ENSMUSG00000028080	Lrba	LPS-responsive beige-like anchor [Source:MGI Symbol;Acc:MGI:1933162]		13,12551957	0,53099414	1,44492453	3,72235055	7,1318626	0,007572602	0,028769081	protein_coding
ENSMUSG00000031214	Ophn1	oligophrenin 1 [Source:MGI Symbol;Acc:MGI:2151070]		62,87261641	0,53069187	1,44462183	5,97922108	15,2994167	9,17448E-05	0,000631184	protein_coding
ENSMUSG00000040006	Gimn1	glycoprotein integral membrane 1 [Source:MGI Symbol;Acc:MGI:2384905]		24,13498103	0,53061498	1,44454484	4,60597354	11,4287247	0,000723173	0,00387964	protein_coding
ENSMUSG00000028842	Eif2c3	eukaryotic translation initiation factor 2C, 3 [Source:MGI Symbol;Acc:MGI:2446634]		72,22344808	0,52941401	1,44334282	6,17721614	14,5413302	0,000137118	0,000899413	protein_coding
ENSMUSG00000040339	Fam102b	family with sequence similarity 102, member B [Source:MGI Symbol;Acc:MGI:3036259]		49,3769297	0,5290285	1,4429572	5,62438118	15,2138491	9,59968E-05	0,000657145	protein_coding
ENSMUSG00000051341	Zfp52	zinc finger protein 52 [Source:MGI Symbol;Acc:MGI:99199]		17,80769829	0,52761733	1,44154646	4,15367093	10,584807	0,001140652	0,005738253	protein_coding
ENSMUSG00000030161	Gabarpap1	gamma-aminobutyric acid (GABA) A receptor-associated protein-like 1 [Source:MGI Symbol;Acc:MGI:1914980]		107,5598065	0,52690077	1,44053065	6,75139597	13,7900524	0,000240416	0,001276814	protein_coding
ENSMUSG00000019916	P4ha1	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha 1 polypeptide [Source:MGI Symbol;Acc		91,10373119	0,52656385	1,4404942	6,51612427	13,119542	0,000293417	0,00175396	protein_coding
ENSMUSG00000085795	Zfp703	zinc finger protein 703 [Source:MGI Symbol;Acc:MGI:2662729]		48,08878778	0,52615643	1,44008746	5,59286256	12,6971479	0,000366214	0,002137933	protein_coding
ENSMUSG00000038866	Zcchc2	zinc finger, CCHC domain containing 2 [Source:MGI Symbol;Acc:MGI:2444114]		83,3390137	0,52576393	1,43969572	6,38241163	15,0281835	0,000105918	0,000716574	protein_coding
ENSMUSG00000039206	Daglb	diacylglycerol lipase, beta [Source:MGI Symbol;Acc:MGI:2442032]		60,17089805	0,52540637	1,43933895	5,9101013	13,872993	0,000195589	0,001230777	protein_coding
ENSMUSG00000029385	Ccn2	cyclin G2 [Source:MGI Symbol;Acc:MGI:1095734]		18,52651014	0,52409949	1,4380357	4,21301613	10,2165119	0,001391888	0,0006830138	protein_coding
ENSMUSG00000053398	Phgdh	3-phosphoglycerate dehydrogenase [Source:MGI Symbol;Acc:MGI:1355330]		17,81692683	0,52401203	1,43794852	4,14107513	6,44601304	0,011120161	0,039655051	protein_coding
ENSMUSG00000066877	Nck2	non-catalytic region of tyrosine kinase adaptor protein 2 [Source:MGI Symbol;Acc:MGI:1306821]		30,93634012	0,52382022	1,43775736	4,95585017	9,98648181	0,001576936	0,007635873	protein_coding
ENSMUSG00000054808	Actna9	actinin alpha 4 [Source:MGI Symbol;Acc:MGI:1890773]		237,9898906	0,52289532	1,43683592	7,89504308	11,2179347	0,000810342	0,004286579	protein_coding
ENSMUSG00000027132	14210042D21Rik	RIKEN cDNA 14210042D21 gene [Source:MGI Symbol;Acc:MGI:1919675]		25,13742659	0,52287014	1,43681084	4,65904637	9,08276802	0,002580292	0,01162348	protein_coding
ENSMUSG00000036968	Cnpy4	canopy 4 homolog (zebrafish) [Source:MGI Symbol;Acc:MGI:1913705]		13,78587627	0,5226706	1,43661212	3,79917238	7,66681422	0,005624568	0,022383206	protein_coding
ENSMUSG00000049295	Zfp219	zinc finger protein 219 [Source:MGI Symbol;Acc:MGI:1917140]		25,62437241	0,52252928	1,43647141	4,6761583	10,7197236	0,001059995	0,005393734	protein_coding
ENSMUSG00000040221	Ikbkg	inhibitor of kappaB kinase gamma [Source:MGI Symbol;Acc:MGI:1338074]		93,02629182	0,52206707	1,43601127	6,5411226	13,7273456	0,000211355	0,001314179	protein_coding
ENSMUSG00000032469	Dbr1	debranching enzyme homolog 1 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1931520]		11,3159699	0,51955222	1,43589696	3,50103798	6,63504667	0,00999191	0,036426099	protein_coding
ENSMUSG0000004846	Plod3	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3 [Source:MGI Symbol;Acc:MGI:1347008]		80,40071736	0,52137983	1,43532738	6,33050133	13,320566	0,000262511	0,001590848	protein_coding
ENSMUSG00000022558	Heatr7a	HEAT repeat containing 7A [Source:MGI Symbol;Acc:MGI:2442558]		199,5205303	0,52124797	1,4351962	7,64042022	11,1941038	0,000820577	0,004334459	protein_coding
ENSMUSG00000024650	Cxxc1	CXXC finger 1 (PHD domain) [Source:MGI Symbol;Acc:MGI:1921572]		38,32961763	0,52070171	1,43465287	5,26080475	13,5708789	0,000229722	0,001413188	protein_coding
ENSMUSG00000027187	Cat	catalase [Source:MGI Symbol;Acc:MGI:88271]		408,8903968	0,52047322	1,43442568	8,67625983	6,63598133	0,009993913	0,036418945	protein_coding
ENSMUSG00000029821	Dfna5	deafness, autosomal dominant 5 (human) [Source:MGI Symbol;Acc:MGI:1889850]		13,39735362	0,51961453	1,43357217	3,74124999	7,48037664	0,006237502	0,024423178	protein_coding
ENSMUSG00000014353	Tmem87b	transmembrane protein 87B [Source:MGI Symbol;Acc:MGI:1919727]		71,86255538	0,51948648	1,43344493	6,16851265	13,9442723	0,000188311	0,001191116	protein_coding
ENSMUSG00000034659	Tmem109	transmembrane protein 109 [Source:MGI Symbol;Acc:MGI:1915789]		44,11387919	0,51886065	1,43282325	5,46684389	10,2780066	0,001346253	0,006638817	protein_coding
ENSMUSG00000044629	Cnrip1	cannabinoid receptor interacting protein 1 [Source:MGI Symbol;Acc:MGI:1917505]		9,893825165	0,51878173	1,43274487	3,31137991	6,09702591	0,013540959	0,046361644	protein_coding
ENSMUSG00000021843	Ktn1	kinectin 1 [Source:MGI Symbol;Acc:MGI:109153]		35,89910489	0,51842787	1,43239349	5,17057968	10,9871058	0,00091748	0,00476162	protein_coding
ENSMUSG00000042650	Alkbh5	alkB, alkylation repair homolog 5 (E. coli) [Source:MGI Symbol;Acc:MGI:2144489]		96,22160841	0,51804856	1,43201694	6,58985887	15,0483382	0,000140792	0,000710275	protein_coding
ENSMUSG00000021871	Pnp	purine-nucleoside phosphorylase [Source:MGI Symbol;Acc:MGI:97365]		191,0159933	0,51747002	1,4314428	7,57964053	14,7215532	0,000124614	0,000828771	protein_coding
ENSMUSG00000031400	G6pd	glucose-6-phosphate dehydrogenase X-linked [Source:MGI Symbol;Acc:MGI:105979]		203,0530671	0,51740129	1,43137461	7,66837894	11,4619909	0,000710342	0,003814527	protein_coding
ENSMUSG00000040043	Rbms2	RNA binding motif, single stranded interacting protein 2 [Source:MGI Symbol;Acc:MGI:1861776]		27,66959678	0,51684648	1,43082425	4,79934167	10,9286517	0,000946884	0,004895724	protein_coding
ENSMUSG00000034216	Vps18	vacuolar protein sorting 18 (yeast) [Source:MGI Symbol;Acc:MGI:2443626]		121,0420067	0,5160654	1,43004982	6,91913688	14,2104479	0,00016346	0,001050872	protein_coding
ENSMUSG00000024782	Ak3	adenylate kinase 3 [Source:MGI Symbol;Acc:MGI:1860835]		34,94547296	0,51576222	1,4297493	5,1323021	11,2584907	0,000792631	0,00420301	protein_coding
ENSMUSG00000025058	5430427019Rik	RIKEN cDNA 5430427019 gene [Source:MGI Symbol;Acc:MGI:1918648]		11,25955245	0,51526099	1,42952568	3,49375767	6,08293907	0,01364935	0,04661654	protein_coding
ENSMUSG00000017715	Pgs1	phosphatidylglycerophosphate synthase 1 [Source:MGI Symbol;Acc:MGI:1921701]		94,43762732	0,51504072	1,42903448	6,56275347	15,5504957	8,03306E-05	0,000562256	protein_coding
ENSMUSG00000046876	Atxn1	ataxin 1 [Source:MGI Symbol;Acc:MGI:104783]		36,91460163	0,51502287	1,42901679	5,20409057	12,484148	0,00041042	0,00235798	protein_coding
ENSMUSG00000097119				11,60673942	0,51452524	1,42852396	3,53220665	6,10499472	0,013480035	0,046196241	lincRNA
ENSMUSG00000033365	Ipo13	importin 13 [Source:MGI Symbol;Acc:MGI:2385205]		17,52600074	0,51247983	1,42650008	6,16338627	13,7917142	0,000204235	0,001276411	protein_coding
ENSMUSG00000020821	Kif1c	kinesin family member 1C [Source:MGI Symbol;Acc:MGI:1098260]		195,41771978	0,51241182	1,42643284	7,61100085	12,9360611	0,000323212	0,001903896	protein_coding
ENSMUSG00000040225	Prrc2c	proline-rich coiled-coil 2C [Source:MGI Symbol;Acc:MGI:1913754]		250,1683981	0,51234624	1,426368	7,9676301	11,4220493	0,000725776	0,003891704	protein_coding
ENSMUSG00000039886	Tmem120a	transmembrane protein 120A [Source:MGI Symbol;Acc:MGI:2686991]		55,46518699	0,51176176	1,42579025	5,79673914	13,2140428	0,000277859	0,001674625	protein_coding
ENSMUSG00000067787	Bicap	bladder cancer associated protein homolog (human) [Source:MGI Symbol;Acc:MGI:1858907]		35,13874724	0,51148074	1,42551255	5,13861597	11,1942284	0,000820521	0,004334459	protein_coding
ENSMUSG00000020097	Sgpl1	sphingosine phosphate lyase 1 [Source:MGI Symbol;Acc:MGI:1261415]		608,6246577	0,51131036	1,42534421	9,2496324	8,52375307	0,003505408	0,015094242	protein_coding
ENSMUSG00000026469	Xpr1	xenotropic and polytropic retrovirus receptor 1 [Source:MGI Symbol;Acc:MGI:97932]		92,19026352	0,51120519	1,42524031	6,5280849	14,0448313	0,000178504	0,001133654	protein_coding
ENSMUSG00000028567	Txndc12	thioredoxin domain containing 12 (endoplasmic reticulum) [Source:MGI Symbol;Acc:MGI:1913323]		26,05114851	0,51078426	1,42482453	4,71269205	10,8454925	0,000990365	0,00509421	protein_coding
ENSMUSG00000027628	Aar2	AAR2 splicing factor homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1915545]		35,43968394	0,51056773	1,4246107	5,15081994	12,9745858	0,000315748	0,001869138	protein_coding
ENSMUSG00000032198	Dock6	dedicator of cytokinesis 6 [Source:MGI Symbol;Acc:MGI:1914789]		16,97341195	0,51035085	1,42439656	4,089634	8,65606396	0,003259747	0,014172868	protein_coding
ENSMUSG00000015846	Rxra	retinoid X receptor alpha [Source:MGI Symbol;Acc:MGI:98214]		66,19869163	0,50972896	1,42378269	6,05173012	10,432826	0,001237952	0,006167217	protein_coding
ENSMUSG00000027340	Slc23a2	solute carrier family 23 (nucleobase transporters), member 2 [Source:MGI Symbol;Acc:MGI:1859682]		182,6224622	0,50939159	1,42344977	7,51312044	12,4954841	0,000479945	0,002349103	protein_coding

ENSMUSG00000096188	Cmtm4	CKLF-like MARVEL transmembrane domain containing 4 [Source:MGI Symbol;Acc:MGI:2142888]sheet1	35,32156127	0,5052642	1,41938327	5,14821176	9,6870794	0,001855683	0,008804108	protein_coding
ENSMUSG00000097328	Tnfsf12	tumor necrosis factor (ligand) superfamily, member 12 [Source:MGI Symbol;Acc:MGI:1196259]	37,41899512	0,50519701	1,41931716	5,22044437	9,19647307	0,002424819	0,011068336	protein_coding
ENSMUSG00000006611	Hfe	hemochromatosis [Source:MGI Symbol;Acc:MGI:109191]	38,95487672	0,50451886	1,41865016	5,29014756	12,1925138	0,000479817	0,002711804	protein_coding
ENSMUSG00000034361	Cpne2	copine II [Source:MGI Symbol;Acc:MGI:2387578]	57,9874591	0,50387748	1,41801961	5,86063496	13,0344433	0,000305814	0,001815224	protein_coding
ENSMUSG00000025764	Pfn17	PHD finger protein 17 [Source:MGI Symbol;Acc:MGI:1925835]	12,49133902	0,50283486	1,41699519	3,64788813	6,01109611	0,014216194	0,048168474	protein_coding
ENSMUSG00000031506	Ptpn7	protein tyrosine phosphatase, non-receptor type 7 [Source:MGI Symbol;Acc:MGI:2156893]	113,7490271	0,50250218	1,41666847	6,83106604	15,3208308	9,07107E-05	0,000262617	protein_coding
ENSMUSG00000029364	Wsb2	WD repeat and SOCS box-containing 2 [Source:MGI Symbol;Acc:MGI:2144041]	126,2528001	0,50240444	1,4165725	6,98021403	13,5367924	0,000233932	0,001435871	protein_coding
ENSMUSG00000037366	Pafah2	platelet-activating factor acetylhydrolase 2 [Source:MGI Symbol;Acc:MGI:2140321]	32,54145408	0,50211274	1,41628611	5,0310354	9,99324933	0,001571151	0,007811216	protein_coding
ENSMUSG00000006932	Ctnnb1	catenin (cadherin associated protein), beta 1 [Source:MGI Symbol;Acc:MGI:88276]	362,5910405	0,50198041	1,41615621	8,50177628	9,36338422	0,002213663	0,01022445	protein_coding
ENSMUSG00000005555	Igta5	integrin alpha 5 (fibronectin receptor alpha) [Source:MGI Symbol;Acc:MGI:96604]	226,128083	0,50170867	1,4158895	7,82249074	11,772125	0,000601243	0,0003297981	protein_coding
ENSMUSG00000020228	Helb	helicase (DNA) B [Source:MGI Symbol;Acc:MGI:2152895]	25,8338932	0,50099083	1,41518517	4,69911079	10,9379231	0,000942157	0,004878172	protein_coding
ENSMUSG00000025340	Rabgef1	RAB guanine nucleotide exchange factor (GEF) 1 [Source:MGI Symbol;Acc:MGI:1929459]	34,68971292	0,50065802	1,41488874	5,12337634	11,7926803	0,000594641	0,002652026	protein_coding
ENSMUSG00000079362	Gbp6	guanylate binding protein 6 [Source:MGI Symbol;Acc:MGI:2140937]	23,21679387	0,50061562	1,41481716	4,54031756	8,51395182	0,000352439	0,015149417	protein_coding
ENSMUSG00000036880	Acaa2	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase) [Source:MGI Symbol;Acc:MGI:109	18,54501219	0,50036545	1,41457184	4,21909507	8,91539774	0,002827762	0,012563131	protein_coding
ENSMUSG00000034610	Zcchc11	zinc finger, CCHC domain containing 11 [Source:MGI Symbol;Acc:MGI:2445126]	22,95785848	0,49962878	1,41384971	4,52164228	8,14603507	0,004315542	0,017905912	protein_coding
ENSMUSG00000058761	Rnf169	ring finger protein 169 [Source:MGI Symbol;Acc:MGI:1920257]	42,2549384	0,49842728	1,41267273	5,40287542	11,3195623	0,000766948	0,004090513	protein_coding
ENSMUSG00000028986	Kih17	kelch-like 7 (Drosophila) [Source:MGI Symbol;Acc:MGI:1196453]	19,1653827	0,49800015	1,41225455	4,2690627	7,18642445	0,007345721	0,028023392	protein_coding
ENSMUSG00000034377	Tulp4	tubby like protein 4 [Source:MGI Symbol;Acc:MGI:1916092]	187,6095254	0,49797146	1,41222647	7,55208618	11,3565073	0,000751841	0,004017741	protein_coding
ENSMUSG00000040479	Dgkz	diacylglycerol kinase zeta [Source:MGI Symbol;Acc:MGI:1278339]	273,8727883	0,49552856	1,40983718	8,09696999	10,8410488	0,000992745	0,005101632	protein_coding
ENSMUSG00000063234	Gpr84	G protein-coupled receptor 84 [Source:MGI Symbol;Acc:MGI:1934129]	28,58994944	0,49543807	1,40974876	4,86465401	8,2507477	0,004073522	0,01707438	protein_coding
ENSMUSG00000046949	Nqo2	NAD(P)H dehydrogenase, quinone 2 [Source:MGI Symbol;Acc:MGI:104513]	31,93779286	0,49541959	1,4097307	5,00314701	8,24390369	0,00408891	0,017120751	protein_coding
ENSMUSG00000027937	Jtb	jumping translocation breakpoint [Source:MGI Symbol;Acc:MGI:1346082]	27,01558963	0,4944406	1,4087744	4,75995935	11,3350826	0,000760564	0,004062383	protein_coding
ENSMUSG00000030872	Gga2	golgi associated, gamma adaptin ear containing, ARF binding protein 2 [Source:MGI Symbol;Acc:MGI:1921355]	60,2395573	0,49366142	1,40801374	5,9126519	13,0898794	0,000296895	0,001771858	protein_coding
ENSMUSG00000031429	Psmid10	proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 [Source:MGI Symbol;Acc:MGI:1858898]	38,59660837	0,49273693	1,40711177	5,2790943	11,9767312	0,00053869	0,002994174	protein_coding
ENSMUSG00000051495	Irf2bp2	interferon regulatory factor 2 binding protein 2 [Source:MGI Symbol;Acc:MGI:2443921]	109,129855	0,49265603	1,40703286	6,76746263	14,6594894	0,000128785	0,0005852384	protein_coding
ENSMUSG00000041736	Tspo	translocator protein [Source:MGI Symbol;Acc:MGI:88222]	88,60250886	0,49242391	1,40680651	6,46797568	14,4779802	0,000141808	0,000927405	protein_coding
ENSMUSG00000020641	Rsad2	radical S-adenosyl methionine domain containing 2 [Source:MGI Symbol;Acc:MGI:1929628]	94,40794985	0,49203833	1,40643056	6,56801097	11,369967	0,000746412	0,003992614	protein_coding
ENSMUSG00000023456	Tpi1	triosephosphate isomerase 1 [Source:MGI Symbol;Acc:MGI:98797]	334,7799177	0,49112493	1,4055404	8,38767708	10,6710386	0,00108826	0,005512546	protein_coding
ENSMUSG00000020132	Rab21	RAB21, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:894308]	53,52369783	0,49096848	1,405388	5,74565274	12,5660882	0,00039281	0,002275067	protein_coding
ENSMUSG00000003541	Ier3	immediate early response 3 [Source:MGI Symbol;Acc:MGI:104814]	35,91717314	0,49088564	1,4053073	5,18095695	12,0667535	0,00051329	0,002869984	protein_coding
ENSMUSG00000024095	Hnrpl	heterogeneous nuclear ribonucleoprotein L-like [Source:MGI Symbol;Acc:MGI:1919942]	51,39192361	0,49001618	1,40446062	5,68825568	12,0951066	0,000505543	0,002833879	protein_coding
ENSMUSG00000027342	Pcna	proliferating cell nuclear antigen [Source:MGI Symbol;Acc:MGI:97503]	201,436742	0,48789848	1,40240056	7,65497326	9,36317257	0,000213886	0,01022445	protein_coding
ENSMUSG00000034674	Tdg	thymine DNA glycosylase [Source:MGI Symbol;Acc:MGI:108247]	31,7720308	0,48758241	1,40209335	4,99240909	11,219742	0,000893917	0,004283223	protein_coding
ENSMUSG00000031431	Tsc22d3	TSC22 domain family, member 3 [Source:MGI Symbol;Acc:MGI:1196284]	41,80883595	0,48579933	1,40036153	5,37712362	11,9260719	0,000553538	0,003062295	protein_coding
ENSMUSG00000029145	Eif2b4	eukaryotic translation initiation factor 2B, subunit 4 delta [Source:MGI Symbol;Acc:MGI:95300]	14,70156649	0,48558977	1,40015813	3,89117919	7,36790951	0,006639808	0,025741556	protein_coding
ENSMUSG00000052751	Repin1	replication initiator 1 [Source:MGI Symbol;Acc:MGI:1889817]	15,85862743	0,48476485	1,39935776	3,9809104	7,77829154	0,005287778	0,021249751	protein_coding
ENSMUSG00000021911	Parg	poly (ADP-ribose) glycohydrolase [Source:MGI Symbol;Acc:MGI:1347094]	26,41013497	0,48394658	1,3985643	4,72753684	10,6795322	0,001083275	0,005497431	protein_coding
ENSMUSG00000001418	0610031J06Rik	RIKEN cDNA 0610031J06 gene [Source:MGI Symbol;Acc:MGI:1913318]	187,4202718	0,48371716	1,39834191	7,55052491	10,7000723	0,001071313	0,000439243	protein_coding
ENSMUSG00000028256	Odf2l	outer dense fiber of sperm tails 2-like [Source:MGI Symbol;Acc:MGI:1098600]	12,39919166	0,48323524	1,39787489	3,63069124	6,18947486	0,012851232	0,044485344	protein_coding
ENSMUSG00000056666	RetSAT	retinol saturase (all trans retinol 13,14 reductase) [Source:MGI Symbol;Acc:MGI:1914692]	24,58506899	0,482149	1,39682279	4,62601877	8,81830581	0,002982234	0,013148398	protein_coding
ENSMUSG00000021930	Spry7	SPRY domain containing 7 [Source:MGI Symbol;Acc:MGI:1913924]	27,81129272	0,48115192	1,39585774	4,79786763	8,85295576	0,002926147	0,002932249	protein_coding
ENSMUSG00000048109	Rbm15	RNA binding motif protein 15 [Source:MGI Symbol;Acc:MGI:2443205]	21,12249654	0,48110376	1,39581114	4,38788077	8,81570899	0,002968481	0,013161842	protein_coding
ENSMUSG00000036553	Sh3tc1	SH3 domain and tetratricopeptide repeats 1 [Source:MGI Symbol;Acc:MGI:2678949]	56,58601663	0,480787	1,39550471	5,81650668	12,0221889	0,000525709	0,002936435	protein_coding
ENSMUSG00000044700	Tmem201	transmembrane protein 201 [Source:MGI Symbol;Acc:MGI:1196277]	13,68412846	0,48077401	1,39549215	3,76584224	6,67219339	0,00979286	0,035757444	protein_coding
ENSMUSG00000027641	Rbl1	retinoblastoma-like 1 (p107) [Source:MGI Symbol;Acc:MGI:103300]	18,85797284	0,48007993	1,39482094	4,2492581	8,02317045	0,004618265	0,018954383	protein_coding
ENSMUSG00000030615	Tmem126a	transmembrane protein 126A [Source:MGI Symbol;Acc:MGI:1913521]	22,08449337	0,47980863	1,39455867	4,4701553	8,62030763	0,003324357	0,014425241	protein_coding
ENSMUSG00000016206	H2-M3	histocompatibility 2, M region locus 3 [Source:MGI Symbol;Acc:MGI:95915]	22,34563346	0,47910593	1,39387958	4,48501532	8,78260437	0,003041167	0,013376021	protein_coding
ENSMUSG00000020893	Per1	period homolog 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:1098283]	28,21005882	0,47864801	1,39343723	4,81937231	10,3195121	0,001316311	0,006502836	protein_coding
ENSMUSG00000005907	Pex1	peroxisomal biogenesis factor 1 [Source:MGI Symbol;Acc:MGI:1918632]	17,02870028	0,47861225	1,39340269	4,09486734	6,89607544	0,008638518	0,032118916	protein_coding
ENSMUSG00000035596	Mboat17	membrane bound O-acyltransferase domain containing 7 [Source:MGI Symbol;Acc:MGI:1924832]	37,65911249	0,47806365	1,39287293	5,23738573	11,3779629	0,000743206	0,0039774	protein_coding
ENSMUSG00000030522	Mtmr10	myotubularin related protein 10 [Source:MGI Symbol;Acc:MGI:2142292]	39,98184367	0,4779052	1,39271997	5,32262957	10,6243251	0,00116809	0,005640551	protein_coding
ENSMUSG000000031485	Prosc	proline synthetase co-transcribed [Source:MGI Symbol;Acc:MGI:1891207]	45,64150144	0,47757872	1,39240483	5,51717302	11,3083519	0,000771592	0,004111292	protein_coding
ENSMUSG00000014498	Ankrk52	ankyrin repeat domain 52 [Source:MGI Symbol;Acc:MGI:2444029]	103,3517411	0,47677106	1,39162554	6,69262578	13,629791	0,000222625	0,001374917	protein_coding
ENSMUSG00000026790	Odf2	outer dense fiber of sperm tails 2 [Source:MGI Symbol;Acc:MGI:1098824]	36,96628559	0,47675045	1,39160566	5,21132883	9,96569948	0,001594836	0,007715747	protein_coding
ENSMUSG00000026721	Rabgap11	RAB GTPase activating protein 11-like [Source:MGI Symbol;Acc:MGI:1352507]	12,87440146	0,47616164	1,39103782	3,69308939	6,18254308	0,012901672	0,044617774	protein_coding
ENSMUSG000000057101	Zfp180	zinc finger protein 180 [Source:MGI Symbol;Acc:MGI:1923701]	20,57022088	0,47608505	1,39096397	4,36547791	9,18826978	0,00243571	0,011085811	protein_coding
ENSMUSG00000022744	Cldn25	claudin 25 [Source:MGI Symbol;Acc:MGI:2447860]	25,45813278	0,47601318	1,39089468	4,68560175	9,37040333	0,00220517	0,010192765	protein_coding
ENSMUSG00000033400	Agl	amylol-1,6-glucosidase, 4-alpha-glucanotransferase [Source:MGI Symbol;Acc:MGI:1924809]	62,49100411	0,47554206	1,39044055	5,96932519	10,9183792	0,000952149	0,00492063	protein_coding
ENSMUSG00000021242	Npc2	Niemann Pick type C2 [Source:MGI Symbol;Acc:MGI:1915213]	480,766569	0,47507539	1,38999086	8,90923569	8,05453741	0,004538983	0,01866385	protein_coding
ENSMUSG00000026177	Slic11a1	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1 [Source:MGI Symbol;Acc:MGI:13452]	583,4701219	0,47504164	1,38995834	9,18889598	7,17849392	0,00378262	0,028118267	protein_coding
ENSMUSG00000025591	Tma16	translation machinery associated 16 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1913532]	34,79154843	0,47434621	1,38928849	5,14271858	10,8753772	0,000974512	0,005024384	protein_coding
ENSMUSG00000035891	Cerk	ceramide kinase [Source:MGI Symbol;Acc:MGI:2386052]	131,2273324	0,47368262	1,38864961	7,03527866	11,151466	0,000839653	0,000403469	protein_coding
ENSMUSG00000040433	Zbtb38	zinc finger and BTB domain containing 38 [Source:MGI Symbol;Acc:MGI:2442866]	27,66871911	0,47356036						

ENSMUSG00000030284	Credl1	cysteine-rich with EGF-like domains 1 [Source:MGI Symbol;Acc:MGI:2152539]	Sheet1	18,95831707	0,469964	1,38507491	4,24461322	7,28047412	0,006970813	0,026826034	protein_coding
ENSMUSG00000034714	Tthy2	tweety homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:2157091]		55,36600094	0,46937393	1,38450852	5,7916844	8,31246661	0,003937388	0,016587456	protein_coding
ENSMUSG00000025078	Nhlrc2	NHL repeat containing 2 [Source:MGI Symbol;Acc:MGI:1914116]		19,21828805	0,4691208	1,38426562	4,2663228	8,51032904	0,003513362	0,01517367	protein_coding
ENSMUSG00000020716	Nf1	neurofibromatosis 1 [Source:MGI Symbol;Acc:MGI:97306]		63,3236391	0,46903063	1,38417911	5,9865476	11,6908682	0,00628076	0,02342465	protein_coding
ENSMUSG00000069520	Tmem19	transmembrane protein 19 [Source:MGI Symbol;Acc:MGI:1914476]		35,64235535	0,46884573	1,38400172	5,15783821	9,57596439	0,001971413	0,009256372	protein_coding
ENSMUSG00000017144	Rnd3	Rho family GTPase 3 [Source:MGI Symbol;Acc:MGI:1921444]		17,62961551	0,46874604	1,38390608	4,15159827	8,10124307	0,004423491	0,018250431	protein_coding
ENSMUSG00000066440	Zfyve26	zinc finger, FYVE domain containing 26 [Source:MGI Symbol;Acc:MGI:1924767]		59,67495601	0,46863079	1,38379553	5,90091005	11,4722416	0,000706434	0,003797257	protein_coding
ENSMUSG00000056429	Tgolin1	trans-golgi network protein [Source:MGI Symbol;Acc:MGI:105080]		198,1533307	0,46840663	1,38358022	7,63155404	11,0727593	0,000876052	0,004581562	protein_coding
ENSMUSG00000034006	Pq1c1	PQ loop repeat containing 1 [Source:MGI Symbol;Acc:MGI:1914193]		19,09486809	0,46822432	1,38340572	4,25572723	7,54956286	0,006002463	0,023637658	protein_coding
ENSMUSG00000022003	Slc25a30	solute carrier family 25, member 30 [Source:MGI Symbol;Acc:MGI:1914804]		16,89756974	0,46789426	1,38308925	4,07689253	6,89102561	0,008662955	0,032198879	protein_coding
ENSMUSG00000048677	Tpcn2	two pore segment channel 2 [Source:MGI Symbol;Acc:MGI:2385297]		58,46277307	0,46788626	1,38308158	5,8715005	10,7865815	0,001022385	0,005234263	protein_coding
ENSMUSG00000032309	Fbxo22	F-box protein 22 [Source:MGI Symbol;Acc:MGI:1926014]		30,6238093	0,46773458	1,38293618	4,94309918	9,49006678	0,002065873	0,009634018	protein_coding
ENSMUSG00000047648	Fbxo30	F-box protein 30 [Source:MGI Symbol;Acc:MGI:1919115]		25,77800486	0,46714407	1,38237024	4,70141952	8,91615019	0,002826597	0,012563036	protein_coding
ENSMUSG00000047777	Phf13	PHD finger protein 13 [Source:MGI Symbol;Acc:MGI:2446217]		25,43730446	0,46625721	1,38152073	4,67503711	9,31167301	0,002276985	0,010480616	protein_coding
ENSMUSG0000004567	Mcoln1	mucoilin 1 [Source:MGI Symbol;Acc:MGI:1890498]		60,13984873	0,46616164	1,38142921	5,91201305	9,79729512	0,001747687	0,008381424	protein_coding
ENSMUSG00000022797	Tfrc	transferrin receptor [Source:MGI Symbol;Acc:MGI:98822]		218,8745826	0,46583952	1,38112081	7,77552931	7,42797989	0,006421739	0,025019734	protein_coding
ENSMUSG00000035671	Zswim4	zinc finger, SWIM domain containing 4 [Source:MGI Symbol;Acc:MGI:2443726]		36,35983414	0,46467195	1,38000353	5,19433389	10,7190407	0,001060386	0,005393734	protein_coding
ENSMUSG00000031007	Atp6ap2	ATPase, H+ transporting, lysosomal accessory protein 2 [Source:MGI Symbol;Acc:MGI:1917745]		248,010176	0,46411086	1,37946691	7,95533892	9,55496633	0,001994092	0,009342894	protein_coding
ENSMUSG00000002870	Mcm2	minichromosome maintenance deficient 2 mitotin (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:105380]		27,0732427	0,46403465	1,37939405	4,76884912	7,81030931	0,005194901	0,020930099	protein_coding
ENSMUSG00000037270	9430023L20Rik	RIKEN cDNA 9430023L20 gene [Source:MGI Symbol;Acc:MGI:1915368]		19,87469736	0,46204202	1,37749017	4,31855373	7,1526323	0,007485404	0,028477195	protein_coding
ENSMUSG00000060260	Pwppw2b	PWWP domain containing 2B [Source:MGI Symbol;Acc:MGI:2142008]		24,71019452	0,4619875	1,37743811	4,62511889	8,15714846	0,004289176	0,017830183	protein_coding
ENSMUSG00000026618	Iars2	isoleucine-tRNA synthetase 2, mitochondrial [Source:MGI Symbol;Acc:MGI:1919586]		70,34488031	0,46176861	1,37722914	6,13941406	10,9980361	0,000912085	0,004740339	protein_coding
ENSMUSG00000023048	Prr13	proline rich 13 [Source:MGI Symbol;Acc:MGI:1913401]		218,2161738	0,46169465	1,37715853	7,77025534	10,2713575	0,001351114	0,006659795	protein_coding
ENSMUSG00000032359	Ctsh	cathepsin H [Source:MGI Symbol;Acc:MGI:107285]		156,1002931	0,46158168	1,3770507	7,28732298	11,5243319	0,000686911	0,003708825	protein_coding
ENSMUSG00000025289	Prdx4	peroxiredoxin 4 [Source:MGI Symbol;Acc:MGI:1859815]		26,86145082	0,46052738	1,37604474	4,75769675	8,38484088	0,003783633	0,016081539	protein_coding
ENSMUSG00000025877	Hk3	hexokinase 3 [Source:MGI Symbol;Acc:MGI:2670962]		361,8141952	0,46038574	1,37590965	8,49939776	6,95696663	0,008349347	0,031202134	protein_coding
ENSMUSG00000029310	Nudt9	nudix (nucleoside diphosphate linked moiety X)-type motif 9 [Source:MGI Symbol;Acc:MGI:1921417]		27,91466259	0,46026811	1,37597947	4,8084889	9,01003436	0,000685014	0,012007604	protein_coding
ENSMUSG00000032228	Tcf12	transcription factor 12 [Source:MGI Symbol;Acc:MGI:101877]		52,32343337	0,45936423	1,37493578	5,71361678	9,05721752	0,002616599	0,011767732	protein_coding
ENSMUSG00000034430	Zxdc	ZXD family zinc finger C [Source:MGI Symbol;Acc:MGI:1933108]		22,80331891	0,45858416	1,37419254	4,51170105	7,81401694	0,005184254	0,020902485	protein_coding
ENSMUSG00000052837	Junb	Jun-B oncogene [Source:MGI Symbol;Acc:MGI:96647]		127,6149929	0,45714809	1,37282534	6,99665111	10,889466	0,000967127	0,00498865	protein_coding
ENSMUSG00000027394	Tti	tubulin tyrosine ligase [Source:MGI Symbol;Acc:MGI:1916987]		19,15160845	0,45693977	1,37262713	4,26600221	7,15789473	0,007463475	0,028413442	protein_coding
ENSMUSG00000026307	Scly	selenocysteine lyase [Source:MGI Symbol;Acc:MGI:1355310]		32,50363717	0,45656453	1,37227016	5,02462606	9,53829908	0,002012281	0,009416071	protein_coding
ENSMUSG00000035371	Gnptab	N-acetylglycosamine-1-phosphate transferase, alpha and beta subunits [Source:MGI Symbol;Acc:MGI:3643902]		83,21556838	0,45644234	1,37215394	6,38164369	11,1848227	0,000824691	0,004348645	protein_coding
ENSMUSG00000054404	Slnf5	schlafen 5 [Source:MGI Symbol;Acc:MGI:1329004]		190,479972	0,45608123	1,37181053	7,57446655	9,37819535	0,002195816	0,010158077	protein_coding
ENSMUSG00000028367	Txn1	thioredoxin 1 [Source:MGI Symbol;Acc:MGI:98874]		163,8573245	0,45563719	1,37138837	7,35917102	9,90059251	0,001652256	0,007965482	protein_coding
ENSMUSG00000027303	Ptptra	protein tyrosine phosphatase, receptor type, A [Source:MGI Symbol;Acc:MGI:97808]		117,9847814	0,45550372	1,3712615	6,88295476	9,65071469	0,001892779	0,00892914	protein_coding
ENSMUSG00000041598	Cdc42ep4	CDC42 effector protein (Rho GTPase binding) 4 [Source:MGI Symbol;Acc:MGI:1929760]		18,45153697	0,4552326	1,37100363	4,21391828	7,52601169	0,006081439	0,023897272	protein_coding
ENSMUSG00000005949	Ctns	cystinosin, nephropathic [Source:MGI Symbol;Acc:MGI:1932872]		27,60605727	0,45519014	1,36963648	4,79403412	9,19215947	0,00243054	0,010760243	protein_coding
ENSMUSG00000040648	Ppip5k2	diphosphoinositol pentakisphosphate kinase 2 [Source:MGI Symbol;Acc:MGI:2142810]		45,31667627	0,45395583	1,36979104	5,50505891	9,72475951	0,001818021	0,008667252	protein_coding
ENSMUSG00000043858	Nup62	nucleoporin 62 [Source:MGI Symbol;Acc:MGI:1351500]		91,58304106	0,45337241	1,36923722	6,51989901	11,9693553	0,000540827	0,003002557	protein_coding
ENSMUSG00000020451	Limk2	LIM motif-containing protein kinase 2 [Source:MGI Symbol;Acc:MGI:1197517]		18,99008052	0,4530015	1,36888865	4,2513407	7,93689194	0,004843696	0,019652025	protein_coding
ENSMUSG00000026821	Ralgds	ral guanine nucleotide dissociation stimulator [Source:MGI Symbol;Acc:MGI:107485]		95,0118052	0,45202894	1,36796274	6,57283332	11,9917459	0,000534367	0,002975718	protein_coding
ENSMUSG00000028164	Manba	mannosidase, beta A, lysosomal [Source:MGI Symbol;Acc:MGI:88175]		44,16480283	0,4502752	1,36630086	5,46653961	10,8292967	0,000999066	0,005131714	protein_coding
ENSMUSG00000052144	Ppp4r2	protein phosphatase 4, regulatory subunit 2 [Source:MGI Symbol;Acc:MGI:3027896]		92,03353661	0,45001557	1,366055	6,52764189	11,5212477	0,000688052	0,003711157	protein_coding
ENSMUSG00000028850	Gpatch3	G patch domain containing 3 [Source:MGI Symbol;Acc:MGI:2442492]		16,96371749	0,44922897	1,36531039	4,0782545	7,19918408	0,007293673	0,027884877	protein_coding
ENSMUSG00000018286	Psmb6	proteasome (prosome, macropain) subunit, type 6 [Source:MGI Symbol;Acc:MGI:104880]		136,7032211	0,44897098	1,36506629	7,09596087	10,8462416	0,000989965	0,00509421	protein_coding
ENSMUSG00000020232	Hmg20b	high mobility group 20B [Source:MGI Symbol;Acc:MGI:1341190]		35,68252503	0,44892242	1,36502031	5,15589259	9,67685516	0,001866038	0,008840946	protein_coding
ENSMUSG00000078517	Emnc1	ER membrane protein complex subunit 1 [Source:MGI Symbol;Acc:MGI:2443696]		45,25520983	0,44852289	1,36464234	5,5020497	10,4092027	0,001253889	0,006234776	protein_coding
ENSMUSG00000027905	Ddx20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 [Source:MGI Symbol;Acc:MGI:1858415]		18,09371065	0,44789355	1,36404718	4,17934619	6,65222213	0,009903224	0,003611242	protein_coding
ENSMUSG00000038312	Edem2	ER degradation enhancer, mannosidase alpha-like 2 [Source:MGI Symbol;Acc:MGI:1915540]		64,45646506	0,44772704	1,36388976	6,00857581	11,3174641	0,000767815	0,004093159	protein_coding
ENSMUSG00000032306	Mpi	mannose phosphatase isomerase [Source:MGI Symbol;Acc:MGI:97075]		17,16326102	0,44687898	1,36300229	4,11136602	6,3969975	0,011431353	0,040549959	protein_coding
ENSMUSG00000034807	Glt25d1	glycosyltransferase 25 domain containing 1 [Source:MGI Symbol;Acc:MGI:1924348]		124,9597101	0,44660729	1,36283159	6,96617984	11,641453	0,000644982	0,003508127	protein_coding
ENSMUSG00000032712	2810474019Rik	RIKEN cDNA 2810474019 gene [Source:MGI Symbol;Acc:MGI:1914496]		119,6700518	0,44614298	1,36239305	6,90308189	11,5795318	0,000666817	0,003614367	protein_coding
ENSMUSG00000025287	Acot9	acyl-CoA thioesterase 9 [Source:MGI Symbol;Acc:MGI:1928939]		42,91369261	0,44583229	1,36167489	5,42973524	9,30846365	0,002280977	0,010490202	protein_coding
ENSMUSG00000049339	Fam134a	family with sequence similarity 134, member A [Source:MGI Symbol;Acc:MGI:2388278]		78,4165541	0,44490143	1,36122111	6,29399649	11,5201024	0,000688476	0,003711622	protein_coding
ENSMUSG00000028136	Snx27	sorting nexin family member 27 [Source:MGI Symbol;Acc:MGI:1923992]		83,47656367	0,4446339	1,36096871	6,38770526	10,5518751	0,001160703	0,005828447	protein_coding
ENSMUSG00000030138	Bms1	BMS1 homolog, ribosome assembly protein (yeast) [Source:MGI Symbol;Acc:MGI:2446132]		65,06730738	0,4442773	1,36063235	6,02549056	11,1425737	0,000843688	0,004422517	protein_coding
ENSMUSG00000038388	Mpp6	membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) [Source:MGI Symbol;Acc:MGI:1927340]		45,73447279	0,44420357	1,36056282	5,5200708	9,9397814	0,001617448	0,007818256	protein_coding
ENSMUSG00000038534	Ospb17	oxysterol binding protein-like 7 [Source:MGI Symbol;Acc:MGI:1918490]		16,04486116	0,44405843	1,36042595	3,98937166	6,53458222	0,010579707	0,038086252	protein_coding
ENSMUSG00000032459	Mrsps22	mitochondrial ribosomal protein S22 [Source:MGI Symbol;Acc:MGI:1928137]		15,46640551	0,4433875	1,35979342	3,95849241	6,04441831	0,013950328	0,047423347	protein_coding
ENSMUSG00000048661	Lemd3	LEM domain containing 3 [Source:MGI Symbol;Acc:MGI:3580376]		15,92783254	0,44290425	1,35933802	3,99952021	6,20204288	0,012760295	0,044254218	protein_coding
ENSMUSG00000027613	Eif6	eukaryotic translation initiation factor 6 [Source:M									

ENSMUSG00000030287	Itpr2	inositol 1,4,5-triphosphate receptor 2 [Source:MGI Symbol;Acc:MGI:99418]	Sheet1	40,6822114	0.43905638	1,35571731	5,34733525	9,16754735	0,002463445	0,011188867	protein_coding
ENSMUSG00000028672	Hmgcl	3-hydroxy-3-methylglutaryl-Coenzyme A lyase [Source:MGI Symbol;Acc:MGI:96158]		40,4349126	0.43857794	1,35526778	5,3376187	8,36804329	0,003818766	0,016180786	protein_coding
ENSMUSG00000058013	Sept11	septin 11 [Source:MGI Symbol;Acc:MGI:1277214]		45,38436098	0.43822981	1,35494079	5,51013048	9,41033575	0,002157657	0,010015285	protein_coding
ENSMUSG00000022180	Slc7a8	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8 [Source:MGI Symbol;Acc:MGI:1355323]		95,24610962	0.43781471	1,354551	6,57697459	10,0464386	0,001526428	0,007424019	protein_coding
ENSMUSG00000018965	Ywhah	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide [Source:MGI Symbol;Acc:MGI:1355323]		338,2301316	0.43757861	1,35432934	8,4024009	7,78303217	0,00527392	0,021209577	protein_coding
ENSMUSG00000006527	Sfmbt1	Scm-like with four mbt domains 1 [Source:MGI Symbol;Acc:MGI:1859609]		81,72985245	0.43737419	1,35413746	6,35575829	10,4448899	0,001229892	0,00613383	protein_coding
ENSMUSG00000028854	Slc9a1	solute carrier family 9 (sodium/hydrogen exchanger), member 1 [Source:MGI Symbol;Acc:MGI:102462]		46,25725096	0.43733468	1,35410037	5,53078031	9,14685056	0,002491465	0,011302118	protein_coding
ENSMUSG00000040964	Arhgef10l	Rho guanine nucleotide exchange factor (GEF) 10-like [Source:MGI Symbol;Acc:MGI:1920004]		55,78181469	0.43667954	1,3534856	5,79797927	10,5296108	0,001174769	0,005888318	protein_coding
ENSMUSG00000038563	Eftud1	elongation factor Tu GTP binding domain containing 1 [Source:MGI Symbol;Acc:MGI:2141969]		18,21505189	0.4362391	1,35307246	4,19353678	6,87987564	0,000871763	0,032389404	protein_coding
ENSMUSG00000038564	Ift172	intraflagellar transport 172 [Source:MGI Symbol;Acc:MGI:2682064]		17,28091134	0.4359935	1,35284214	4,1049271	6,47187451	0,010959488	0,039132886	protein_coding
ENSMUSG00000021171	Esy2	extended synaptotagmin-like protein 2 [Source:MGI Symbol;Acc:MGI:1261845]		45,39927208	0.43543562	1,3523191	5,508386	9,03305522	0,00265141	0,011880522	protein_coding
ENSMUSG00000052962	Mrp135	mitochondrial ribosomal protein L35 [Source:MGI Symbol;Acc:MGI:1913473]		25,90314954	0.43505454	1,35196194	4,70377915	8,35996462	0,00383578	0,016221601	protein_coding
ENSMUSG00000017615	Tnfalp1	tumor necrosis factor, alpha-induced protein 1 (endothelial) [Source:MGI Symbol;Acc:MGI:104961]		61,02964955	0.43497889	1,35189105	5,9382766	9,93282512	0,001623572	0,007844407	protein_coding
ENSMUSG00000003444	Med29	mediator complex subunit 29 [Source:MGI Symbol;Acc:MGI:1914474]		18,74295128	0.43464996	1,35158286	4,23565017	6,99345106	0,008180847	0,030697734	protein_coding
ENSMUSG00000035765	Dym	dymeclin [Source:MGI Symbol;Acc:MGI:1918480]		26,84739998	0.43375678	1,35074634	4,7527117	6,90247906	0,008607631	0,032036599	protein_coding
ENSMUSG00000033020	Poir2f	polymerase (RNA) II (DNA directed) polypeptide F [Source:MGI Symbol;Acc:MGI:1349393]		21,06939126	0.43327059	1,35029122	4,39662104	7,5861997	0,005881681	0,023245333	protein_coding
ENSMUSG00000054008	Ndst1	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 1 [Source:MGI Symbol;Acc:MGI:104719]		29,60418407	0.43317788	1,35020531	4,88494134	6,97330561	0,008273452	0,030992301	protein_coding
ENSMUSG00000006818	Sod2	superoxide dismutase 2, mitochondrial [Source:MGI Symbol;Acc:MGI:98352]		278,956336	0.432729	1,34978442	8,12579297	8,72823592	0,003133195	0,013714906	protein_coding
ENSMUSG00000053870	Fpgt	fucose-1-phosphate guanylyltransferase [Source:MGI Symbol;Acc:MGI:1922790]		22,64326564	0.43267487	1,34973377	4,49873751	7,55467767	0,00598545	0,023604502	protein_coding
ENSMUSG00000044763	Trmt10c	tRNA methyltransferase 10 homolog C (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1196261]		22,82052623	0.43178733	1,34890368	4,51356415	7,05316008	0,007912554	0,029884919	protein_coding
ENSMUSG00000027286	Lrrc57	leucine rich repeat containing 57 [Source:MGI Symbol;Acc:MGI:1913856]		16,70525483	0.4317038	1,34882558	4,0659901	6,53635472	0,01056917	0,038060791	protein_coding
ENSMUSG00000035725	Prx	protein kinase, X-linked [Source:MGI Symbol;Acc:MGI:1309999]		56,80565914	0.4309253	1,34809793	5,83480593	9,36104473	0,002126458	0,010231568	protein_coding
ENSMUSG00000030779	Rbbp6	retinoblastoma binding protein 6 [Source:MGI Symbol;Acc:MGI:894835]		91,05655379	0.4293318	1,34660974	6,50860306	11,102705	0,000862019	0,0045143	protein_coding
ENSMUSG00000024236	Svil	supervillin [Source:MGI Symbol;Acc:MGI:2147319]		43,56533854	0.42849042	1,34624494	5,44230922	9,33746381	0,00224516	0,010342799	protein_coding
ENSMUSG00000058235	Metap1	methionyl aminopeptidase 1 [Source:MGI Symbol;Acc:MGI:1922874]		57,89117714	0.42831234	1,34565851	5,85990949	9,13558282	0,002506856	0,01134417	protein_coding
ENSMUSG00000003847	Dock1	dedicator of cytokinesis 1 [Source:MGI Symbol;Acc:MGI:2429765]		21,20460828	0.42825448	1,34560455	4,41225044	6,25066416	0,012414675	0,043246681	protein_coding
ENSMUSG00000003847	Nfat5	nuclear factor of activated T cells 5 [Source:MGI Symbol;Acc:MGI:1859333]		137,2700064	0.4281094	1,34546923	7,10169255	10,8454773	0,000990373	0,00509421	protein_coding
ENSMUSG00000024308	Tabpp	TAP binding protein [Source:MGI Symbol;Acc:MGI:1201689]		229,7115947	0.42729148	1,34470665	7,84345925	8,5192994	0,003513997	0,015116793	protein_coding
ENSMUSG00000028792	Ak2	adenylyl kinase 2 [Source:MGI Symbol;Acc:MGI:87978]		51,41408906	0.4265545	1,34411395	5,68615092	9,65118984	0,00189229	0,00892914	protein_coding
ENSMUSG00000026718	Stam	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1 [Source:MGI Symbol;Acc:MGI:1329014]		42,42100892	0.42633726	1,3428864	5,41250336	9,14905984	0,002488459	0,011293143	protein_coding
ENSMUSG00000024451	Arap3	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 3 [Source:MGI Symbol;Acc:MGI:2147274]		36,73607612	0.42352611	1,3412016	5,20044544	6,25963226	0,012351984	0,043103852	protein_coding
ENSMUSG00000043263	Pyh1n1	pyrin and HIN domain family, member 1 [Source:MGI Symbol;Acc:MGI:2138243]		52,79146985	0.42311178	1,34081648	5,72392905	9,12420191	0,002522499	0,011391162	protein_coding
ENSMUSG00000031226	2610029G23Rik	RIKEN cDNA 2610029G23 gene [Source:MGI Symbol;Acc:MGI:1914933]		31,84845052	0.42199295	1,33977705	5,00089539	6,37368431	0,011582488	0,041037341	protein_coding
ENSMUSG00000035021	Baz1a	bromodomain adjacent to zinc finger domain 1A [Source:MGI Symbol;Acc:MGI:1309478]		55,07658634	0.42191249	1,33970234	5,78991235	9,42081354	0,002145363	0,009962428	protein_coding
ENSMUSG00000041827	Oas1l	2'-5' oligoadenylate synthetase-like 1 [Source:MGI Symbol;Acc:MGI:2180849]		23,52197687	0.42189464	1,33968576	4,56110905	6,78637381	0,009185631	0,033843906	protein_coding
ENSMUSG00000032475	Nck1	non-catalytic region of tyrosine kinase adaptor protein 1 [Source:MGI Symbol;Acc:MGI:109601]		17,5816465	0.42186505	1,33955829	4,79367465	6,79844025	0,009123754	0,033672385	protein_coding
ENSMUSG00000049624	Slc17a5	solute carrier family 17 (anion/sugar transporter), member 5 [Source:MGI Symbol;Acc:MGI:1924105]		40,66667541	0.42163785	1,33944733	5,34725725	8,24977442	0,004057507	0,01707438	protein_coding
ENSMUSG00000037536	Fbxo34	F-box protein 34 [Source:MGI Symbol;Acc:MGI:1926188]		26,06390109	0.42067562	1,33855426	4,70464422	7,87850719	0,005002576	0,020227821	protein_coding
ENSMUSG00000041747	Utp15	UTP15, U3 small nucleolar ribonucleoprotein, homolog (yeast) [Source:MGI Symbol;Acc:MGI:2145443]		32,90529581	0.42020643	1,33811901	5,04981871	8,21538136	0,004153678	0,017345673	protein_coding
ENSMUSG00000021583	Erap1	endoplasmic reticulum aminopeptidase 1 [Source:MGI Symbol;Acc:MGI:1933403]		71,84591943	0.41881109	1,33682544	6,16902309	8,77029447	0,00306176	0,013455823	protein_coding
ENSMUSG00000000287	Naa20	N(alpha)-acetyltransferase 20, NatB catalytic subunit [Source:MGI Symbol;Acc:MGI:1915127]		43,85275285	0.41847089	1,33651024	5,45958253	8,70875081	0,003166861	0,013807264	protein_coding
ENSMUSG00000030726	Pold3	polymerase (DNA-directed), delta 3, accessory subunit [Source:MGI Symbol;Acc:MGI:1915217]		34,00614626	0.41722403	1,33572594	5,0955322	8,71808405	0,00315069	0,013769542	protein_coding
ENSMUSG00000022521	Crbp3	CREB binding protein [Source:MGI Symbol;Acc:MGI:1098280]		49,21620516	0.41755981	1,33566649	5,62169703	9,47816858	0,002079314	0,009688476	protein_coding
ENSMUSG00000009563	Tor2a	torsin family 2, member A [Source:MGI Symbol;Acc:MGI:1353596]		25,89478587	0.41650943	1,33469438	4,688976978	7,35090661	0,006702895	0,025949508	protein_coding
ENSMUSG00000027439	Gzfl	GDNF-inducible zinc finger protein 1 [Source:MGI Symbol;Acc:MGI:1921783]		43,58226556	0.41619859	1,33440684	5,45275928	8,57882344	0,003400951	0,014693765	protein_coding
ENSMUSG00000023008	Fmnl3	formin-like 3 [Source:MGI Symbol;Acc:MGI:109569]		50,84131131	0.41605063	1,33427	5,66649184	8,22563126	0,004130284	0,01724239	protein_coding
ENSMUSG00000060733	Ipmk	inositol polyphosphate multikinase [Source:MGI Symbol;Acc:MGI:1916968]		26,99774549	0.41596359	1,3341895	4,75770407	8,12660207	0,004362042	0,018037545	protein_coding
ENSMUSG00000059920	4930453N24Rik	RIKEN cDNA 4930453N24 gene [Source:MGI Symbol;Acc:MGI:1914859]		17,93635983	0.41541121	1,33367876	4,17744902	5,9430474	0,014772433	0,049649654	protein_coding
ENSMUSG00000028684	Urod	uroporphyrinogen decarboxylase [Source:MGI Symbol;Acc:MGI:98916]		21,04180384	0.41479174	1,33310622	4,40144275	6,63666163	0,009990097	0,036417118	protein_coding
ENSMUSG00000040721	Zfxh2	zinc finger homeobox 2 [Source:MGI Symbol;Acc:MGI:2686934]		22,36790885	0.4145404	1,33287399	4,48800865	6,26460226	0,012317382	0,04305793	protein_coding
ENSMUSG00000029056	Pank4	pantothenate kinase 4 [Source:MGI Symbol;Acc:MGI:2387466]		24,48987303	0.41367486	1,33270458	4,60778694	7,33353695	0,006767974	0,026173789	protein_coding
ENSMUSG00000030225	Dera	2-deoxyribose-5-phosphate aldolase homolog (C. elegans) [Source:MGI Symbol;Acc:MGI:1913762]		46,62313114	0.41365843	1,33205941	5,54647554	8,93968167	0,002790413	0,012422315	protein_coding
ENSMUSG00000037857	Nufip2	nuclear fragile X mental retardation protein interacting protein 2 [Source:MGI Symbol;Acc:MGI:1915814]		95,19782752	0.41368772	1,33188427	6,57301022	10,3884695	0,001268047	0,006295541	protein_coding
ENSMUSG00000035614	Fam179b	family with sequence similarity 179, member B [Source:MGI Symbol;Acc:MGI:2684313]		30,85851848	0.412833	1,3312975	4,95042501	6,97083845	0,008284867	0,031024483	protein_coding
ENSMUSG00000026064	Ptp4a1	protein tyrosine phosphatase 4a1 [Source:MGI Symbol;Acc:MGI:1277096]		114,0216894	0.41280909	1,33127544	6,83514339	8,38638967	0,003780411	0,016080283	protein_coding
ENSMUSG00000055371	Stam2	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2 [Source:MGI Symbol;Acc:MGI:1929100]		68,60285806	0.41225063	1,3307602	6,1032611	9,73196794	0,001810905	0,008646855	protein_coding
ENSMUSG00000024130	Abca3	ATP-binding cassette, sub-family A (ABC1), member 3 [Source:MGI Symbol;Acc:MGI:1351617]		82,8727688	0.41188826	1,33042599	6,37304826	9,928675	0,001627236	0,007858657	protein_coding
ENSMUSG00000045917	6330416G13Rik	RIKEN cDNA 6330416G13 gene [Source:MGI Symbol;Acc:MGI:1913920]		63,87333685	0.41147929	1,3300489	5,99692783	9,0098834	0,002685235	0,012007604	protein_coding
ENSMUSG00000031875	Cmtm3	CKLF-like MARVEL transmembrane domain containing 3 [Source:MGI Symbol;Acc:MGI:2447162]		95,53291563	0.41113958	1,32973575	6,57936822	9,85070067	0,001697761	0,008170088	protein_coding
ENSMUSG00000075706	Gpx4	glutathione peroxidase 4 [Source:MGI Symbol;Acc:MGI:104767]		124,3949442	0.41084777	1,32946682	6,95841156	8,58440945	0,003390533	0,014668059	protein_coding
ENSMUSG00000046718	Bst2	bone marrow stromal cell antigen 2 [Source:MGI Symbol;Acc:MGI:1916800]		319,7991487	0.41083804	1,32945785</					

ENSMUSG00000023027	Atf1	activating transcription factor 1 [Source:MGI Symbol;Acc:MGI:1298366]	Sheet1	40,18965852	0,40746387	1,32635215	5,33189418	8,36504591	0,00382507	0,016195006	protein_coding
ENSMUSG00000033487	Fndc3a	fibronectin type III domain containing 3A [Source:MGI Symbol;Acc:MGI:1196463]		145,1532027	0,40735726	1,32625414	7,18203703	8,96461433	0,002752588	0,012268837	protein_coding
ENSMUSG00000056234	Ncoa4	nuclear receptor coactivator 4 [Source:MGI Symbol;Acc:MGI:1350932]		199,2032805	0,4070393	1,32596188	7,63826775	8,52473183	0,003503524	0,015094242	protein_coding
ENSMUSG00000030983	Bcipc	BRCA2 and CDKN1A interacting protein [Source:MGI Symbol;Acc:MGI:1913415]		34,83774026	0,40699294	1,32591927	5,12293664	8,07510757	0,004487744	0,018480827	protein_coding
ENSMUSG00000037553	Zdhhc18	zinc finger, DHHC domain containing 18 [Source:MGI Symbol;Acc:MGI:3527792]		42,68612562	0,40683507	1,32577419	5,41807003	8,30095193	0,00396243	0,016673773	protein_coding
ENSMUSG00000024942	Capn1	calpain 1 [Source:MGI Symbol;Acc:MGI:88263]		61,67011335	0,40577334	1,32479886	5,94527627	8,70913005	0,003166203	0,013807264	protein_coding
ENSMUSG00000024480	Ap3s1	adaptor-related protein complex 3, sigma 1 subunit [Source:MGI Symbol;Acc:MGI:1337062]		112,121118	0,40572589	1,32475529	6,81185383	9,2545706	0,002349084	0,010753911	protein_coding
ENSMUSG00000032244	Fem1b	feminization 1 homolog b (C. elegans) [Source:MGI Symbol;Acc:MGI:1335087]		95,46874768	0,40559506	1,32463516	6,57904217	8,38025641	0,003793189	0,01611592	protein_coding
ENSMUSG00000041168	Lonp1	lon peptidase 1, mitochondrial [Source:MGI Symbol;Acc:MGI:1921392]		66,1728158	0,40523575	1,3243053	6,02745016	9,3107571	0,002278123	0,010484166	protein_coding
ENSMUSG00000097815				97,74772994	0,40513679	1,32421446	6,61895555	9,49401759	0,002061429	0,009617377	lincRNA
ENSMUSG00000040455	Usp45	ubiquitin specific peptidase 45 [Source:MGI Symbol;Acc:MGI:101850]		31,2621023	0,40508298	1,32416507	4,97191985	6,57048822	0,01036835	0,03748505	protein_coding
ENSMUSG00000027447	Cst3	cystatin C [Source:MGI Symbol;Acc:MGI:102519]		313,4532475	0,40495841	1,32404744	8,29190449	7,1537311	0,00748082	0,028469612	protein_coding
ENSMUSG00000029468	P2rx7	purinergic receptor P2X, ligand-gated ion channel, 7 [Source:MGI Symbol;Acc:MGI:1339957]		47,11345535	0,40386835	1,3230507	5,55728093	8,76142688	0,003076682	0,013510596	protein_coding
ENSMUSG00000041354	Rgl2	ral guanine nucleotide dissociation stimulator-like 2 [Source:MGI Symbol;Acc:MGI:107483]		102,9019476	0,40355772	1,32276586	6,68264569	10,2252084	0,001385341	0,006804086	protein_coding
ENSMUSG00000024885	Aldh3b1	aldehyde dehydrogenase 3 family, member B1 [Source:MGI Symbol;Acc:MGI:1914939]		55,25760258	0,40350646	1,32271887	5,79144889	8,65418141	0,003263116	0,014181907	protein_coding
ENSMUSG00000079437	Tmem179b	transmembrane protein 179B [Source:MGI Symbol;Acc:MGI:1914956]		29,07801423	0,40291083	1,32217288	4,8594962	7,39740749	0,006531795	0,025385506	protein_coding
ENSMUSG00000096401		Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:J3QN48]		33,47376949	0,40286608	1,32213187	5,06605055	7,36855233	0,006637435	0,025741438	protein_coding
ENSMUSG00000037217	Syn1	synapsin I [Source:MGI Symbol;Acc:MGI:98460]		50,25298378	0,40259407	1,32188262	5,65553056	8,80645137	0,003001673	0,013223488	protein_coding
ENSMUSG00000036779	Papd5	PAP associated domain containing 5 [Source:MGI Symbol;Acc:MGI:1917820]		45,77167383	0,40242615	1,32172877	5,52099322	8,73299054	0,003125035	0,013690097	protein_coding
ENSMUSG00000027227	Sord	sorbitol dehydrogenase [Source:MGI Symbol;Acc:MGI:98266]		60,96525677	0,40164823	1,32101627	5,93213805	6,73883207	0,009433637	0,034641499	protein_coding
ENSMUSG00000038604	Fam65a	family with sequence similarity 65, member A [Source:MGI Symbol;Acc:MGI:1922937]		36,17935964	0,4012312	1,32063446	5,1746562	8,31417883	0,003933678	0,016578184	protein_coding
ENSMUSG00000045216	Hs6st1	heparan sulfate 6-O-sulfotransferase 1 [Source:MGI Symbol;Acc:MGI:1354958]		33,02347123	0,40114418	1,3205548	5,0498537	7,70340437	0,005511677	0,0201265	protein_coding
ENSMUSG00000031652	N4bp1	NEDD4 binding protein 1 [Source:MGI Symbol;Acc:MGI:2136825]		89,03274015	0,40062561	1,32008023	6,48101361	9,76852058	0,001775252	0,008502484	protein_coding
ENSMUSG00000005615	Pcy1a	phosphate cytidylyltransferase 1, choline, alpha isoform [Source:MGI Symbol;Acc:MGI:88557]		119,7233923	0,39963711	1,31917605	6,90313759	8,1477303	0,004311509	0,017902702	protein_coding
ENSMUSG00000024349	Tmem173	transmembrane protein 173 [Source:MGI Symbol;Acc:MGI:1919762]		25,43465823	0,39661074	1,31951594	4,67139309	7,13923901	0,007541516	0,028670807	protein_coding
ENSMUSG00000027194	Ttc17	tetratricopeptide repeat domain 17 [Source:MGI Symbol;Acc:MGI:1921819]		38,67044574	0,39934949	1,31891308	5,27515413	8,00577072	0,004662851	0,019094576	protein_coding
ENSMUSG00000038843	Gcnt1	glucosaminyl (N-acetyl) transferase 1, core 2 [Source:MGI Symbol;Acc:MGI:95676]		57,08931204	0,39854559	1,31817836	5,83190171	7,55229579	0,005993367	0,023618767	protein_coding
ENSMUSG00000030123	Plxnd1	plexin D1 [Source:MGI Symbol;Acc:MGI:2154244]		214,5273076	0,39818321	1,3178473	7,74437594	7,30697981	0,006868728	0,026521996	protein_coding
ENSMUSG00000025178	P4k2a	phosphatidylinositol 4-kinase type 2 alpha [Source:MGI Symbol;Acc:MGI:1934031]		156,1042966	0,3971332	1,3168885	7,28691086	9,19217494	0,002430519	0,011076043	protein_coding
ENSMUSG00000024953	Prx5	peroxiredoxin 5 [Source:MGI Symbol;Acc:MGI:1859821]		246,921194	0,39651922	1,31632818	7,94828199	7,45744408	0,006317464	0,024683492	protein_coding
ENSMUSG00000026627	Tmem206	transmembrane protein 206 [Source:MGI Symbol;Acc:MGI:1914200]		38,78735578	0,39611829	1,31596242	5,2796787	6,63125764	0,010020449	0,03649144	protein_coding
ENSMUSG000000061273	Mmgf1	membrane magnesium transporter 1 [Source:MGI Symbol;Acc:MGI:2384305]		35,17902874	0,39578768	1,31566089	5,14339651	7,55807428	0,00597418	0,023576979	protein_coding
ENSMUSG00000045980	Tmem104	transmembrane protein 104 [Source:MGI Symbol;Acc:MGI:2444222]		182,9666887	0,39546627	1,31536781	7,51490707	8,20668621	0,00417363	0,017409141	protein_coding
ENSMUSG00000021504	B4gal7	xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I) [Source:MGI Symbol;Acc:MGI:2384]		33,28571761	0,39531506	1,31522995	5,05454067	7,76069705	0,005339535	0,021426395	protein_coding
ENSMUSG00000026003	Acad1	acyl-Coenzyme A dehydrogenase, long-chain [Source:MGI Symbol;Acc:MGI:87866]		76,74301131	0,3949466	1,31493789	6,26436729	7,66282279	0,005637024	0,022409565	protein_coding
ENSMUSG00000027514	Zbp1	Z-DNA binding protein 1 [Source:MGI Symbol;Acc:MGI:1927449]		46,72385401	0,39484892	1,31480507	5,5539622	8,74569579	0,003103337	0,013616757	protein_coding
ENSMUSG00000032366	Tpm1	tropomyosin 1, alpha [Source:MGI Symbol;Acc:MGI:98809]		146,0605868	0,39440306	1,31439879	7,19004892	7,25224059	0,00708126	0,027174923	protein_coding
ENSMUSG00000069359	Scyl2	SCY1-like 2 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1289172]		51,71918092	0,39418242	1,31419779	5,69765751	7,6689875	0,005617797	0,022327234	protein_coding
ENSMUSG00000003154	Foxj2	forkhead box J2 [Source:MGI Symbol;Acc:MGI:1926805]		46,89965555	0,39385336	1,31389807	5,54831047	8,28313899	0,004001489	0,016825245	protein_coding
ENSMUSG00000040268	Plekha1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1 [Source:MGI Symbol;Acc:MGI:1889348]		41,76953639	0,39380479	1,31385384	5,38549123	8,12535375	0,004365047	0,018040748	protein_coding
ENSMUSG00000015597	Zfp318	zinc finger protein 318 [Source:MGI Symbol;Acc:MGI:1889348]		22,99461124	0,39320327	1,31330615	4,53128999	6,21472221	0,012689223	0,049800017	protein_coding
ENSMUSG00000041438	Cirh1a	cirrhosis, autosomal recessive 1A (human) [Source:MGI Symbol;Acc:MGI:1096573]		35,66258672	0,39165173	1,31189452	5,16975546	7,35172501	0,006699844	0,025946841	protein_coding
ENSMUSG00000001150	Mcm3ap	minichromosome maintenance deficient 3 (S. cerevisiae) associated protein [Source:MGI Symbol;Acc:MGI:1930089]		53,51282457	0,39136963	1,31163802	5,74535606	7,94484934	0,004822443	0,019601992	protein_coding
ENSMUSG00000036534	Slc38a7	solute carrier family 38, member 7 [Source:MGI Symbol;Acc:MGI:2679005]		84,65518451	0,39092531	1,31123412	6,4028134	9,19254779	0,002430024	0,011076043	protein_coding
ENSMUSG00000041341	Atg2b	autophagy related 2B [Source:MGI Symbol;Acc:MGI:1923809]		37,47941271	0,39068405	1,31101487	5,23237658	7,59278051	0,00586025	0,023177308	protein_coding
ENSMUSG00000027555	Car13	carbonic anhydrase 13 [Source:MGI Symbol;Acc:MGI:1931322]		68,67433096	0,39064819	1,31098229	6,10601159	8,36154686	0,003832442	0,016217759	protein_coding
ENSMUSG00000059456	Ptk2b	PTK2 protein tyrosine kinase 2 beta [Source:MGI Symbol;Acc:MGI:104908]		223,3327299	0,38953686	1,3099728	7,80312147	6,34653026	0,011761111	0,041562987	protein_coding
ENSMUSG00000073643	Wdfy1	WD repeat and FYVE domain containing 1 [Source:MGI Symbol;Acc:MGI:1916618]		64,09346237	0,38946087	1,3099038	6,00546874	8,23320532	0,004113082	0,017215404	protein_coding
ENSMUSG00000024335	Brd2	bromodomain containing 2 [Source:MGI Symbol;Acc:MGI:99495]		284,7948533	0,38921392	1,3096796	8,1539963	7,23990174	0,007130088	0,027333663	protein_coding
ENSMUSG00000039740	Alg2	asparagine-linked glycosylation 2 (alpha-1,3-mannosyltransferase) [Source:MGI Symbol;Acc:MGI:1914731]		28,68838179	0,38839511	1,3089365	4,84895029	6,9113163	0,008565191	0,031900257	protein_coding
ENSMUSG00000039220	Ppp1r10	protein phosphatase 1, regulatory subunit 10 [Source:MGI Symbol;Acc:MGI:1289273]		60,88432549	0,38836844	1,3089123	5,92984902	8,40788924	0,003735962	0,01594678	protein_coding
ENSMUSG00000040855	Reps2	RALBP1 associated Eps domain containing protein 2 [Source:MGI Symbol;Acc:MGI:2663511]		30,44505076	0,38748972	1,30811531	4,91861296	6,31077221	0,012000656	0,042205892	protein_coding
ENSMUSG00000033681	Igf2bp2	insulin-like growth factor 2 mRNA binding protein 2 [Source:MGI Symbol;Acc:MGI:1890358]		110,0267352	0,38729506	1,30793882	6,78481945	8,22205456	0,004138432	0,017301732	protein_coding
ENSMUSG00000030619	Eed	embryonic ectoderm development [Source:MGI Symbol;Acc:MGI:95286]		48,82653927	0,38709406	1,3075661	5,61357445	8,47454587	0,003601503	0,015438826	protein_coding
ENSMUSG00000016619	Nup50	nucleoporin 50 [Source:MGI Symbol;Acc:MGI:1351502]		82,02166954	0,38640678	1,30713376	6,36072378	8,49874351	0,003553918	0,015243739	protein_coding
ENSMUSG00000035666	Gtf3ca	general transcription factor IIIc, polypeptide 4 [Source:MGI Symbol;Acc:MGI:2138937]		39,15082125	0,38614115	1,30689311	5,29315838	7,27568316	0,00698943	0,026888261	protein_coding
ENSMUSG00000007812	Zfp655	zinc finger protein 655 [Source:MGI Symbol;Acc:MGI:1919861]		47,82688347	0,38600293	1,30676791	5,58125398	7,77487616	0,005297785	0,021274401	protein_coding
ENSMUSG00000009112	Bcl2l13	BCL2-like 13 (apoptosis facilitator) [Source:MGI Symbol;Acc:MGI:2136959]		34,06756847	0,38491911	1,30578657	5,09675147	6,70340863	0,009622877	0,035218706	protein_coding
ENSMUSG00000029428	Stx2	syntaxin 2 [Source:MGI Symbol;Acc:MGI:108059]		86,94875375	0,38350486	1,30450716	6,44241943	9,11090297	0,002540904	0,011464852	protein_coding
ENSMUSG00000011960	Ccnt1	cyclin T1 [Source:MGI Symbol;Acc:MGI:1328363]		57,01636304	0,38328415	1,3043076	5,83665918	7,72041108	0,005459996	0,021837997	protein_coding
ENSMUSG00000022971	Ifnar2	interferon (alpha and beta) receptor 2 [Source:MGI Symbol;Acc:MGI:1098243]		78,1233663	0,38304164	1,30408837	6,28887032	8,97211871	0,002741305	0,01222847	protein_coding
ENSMUSG00000032382	Snx1	sorting nexin 1 [Source:MGI Symbol;									

ENSMUSG00000025579	Gaa	glucosidase, alpha, acid [Source:MGI Symbol;Acc:MGI:95609]	Sheet1	152,3516213	0,38009979	1,30143187	7,25111334	7,53162328	0,006062526	0,023857081	protein_coding
ENSMUSG00000020230	Prmt2	protein arginine N-methyltransferase 2 [Source:MGI Symbol;Acc:MGI:1316652]		28,82249443	0,37953652	1,30092386	4,85235788	6,35517813	0,011703919	0,041414158	protein_coding
ENSMUSG00000024696	Lpxn	leupaxin [Source:MGI Symbol;Acc:MGI:2147677]		122,4229941	0,37943189	1,30082951	6,93606353	8,13642308	0,004338478	0,019873343	protein_coding
ENSMUSG00000006494	Pdk1	pyruvate dehydrogenase kinase, isoenzyme 1 [Source:MGI Symbol;Acc:MGI:1926119]		42,3697947	0,37883047	1,30028731	5,41289579	7,43915261	0,006781993	0,024900199	protein_coding
ENSMUSG00000024104	D6Wsu116e	DNA segment, Chr 6, Wayne State University 116, expressed [Source:MGI Symbol;Acc:MGI:106463]		147,623559	0,37814233	1,29966727	7,20690043	7,88293191	0,004930351	0,020187404	protein_coding
ENSMUSG00000025059	Gyk	glycerol kinase [Source:MGI Symbol;Acc:MGI:106594]		50,02392045	0,37775604	1,29931933	5,65159012	7,87798351	0,005004025	0,020227821	protein_coding
ENSMUSG00000054199	Gon4l	gon-4-like (C.elegans) [Source:MGI Symbol;Acc:MGI:1917579]		44,91386604	0,37764631	1,29922051	5,48946223	7,6827592	0,005575086	0,022241638	protein_coding
ENSMUSG00000006589	Aprt	adenine phosphoribosyl transferase [Source:MGI Symbol;Acc:MGI:88061]		115,252553	0,37708106	1,29871157	6,8496723	7,65499725	0,005661528	0,022496639	protein_coding
ENSMUSG00000028330	Ncbp1	nuclear cap binding protein subunit 1 [Source:MGI Symbol;Acc:MGI:1891840]		46,90384852	0,37667667	1,29834759	5,55696465	7,33135794	0,006776184	0,026187103	protein_coding
ENSMUSG00000060538	Tmem219	transmembrane protein 219 [Source:MGI Symbol;Acc:MGI:1915992]		28,31584958	0,37499245	1,29683276	4,81599503	6,35321897	0,011716851	0,041446568	protein_coding
ENSMUSG00000002147	Stat6	signal transducer and activator of transcription 6 [Source:MGI Symbol;Acc:MGI:103034]		246,8831908	0,37435416	1,29625914	7,94778426	7,06118192	0,007877201	0,029782109	protein_coding
ENSMUSG00000017802	Fam134c	family with sequence similarity 134, member C [Source:MGI Symbol;Acc:MGI:1915248]		63,83978021	0,37343228	1,29543109	5,99986549	7,96547174	0,004767806	0,019437145	protein_coding
ENSMUSG00000091512	Lamtor3	late endosomal/lysosomal adaptor, MAPK and MTOR activator 3 [Source:MGI Symbol;Acc:MGI:1929467]		75,4724898	0,37317861	1,29520334	6,23879969	7,42888889	0,006418496	0,025015969	protein_coding
ENSMUSG00000066148	Prpf4	PRPF4 pre-mRNA processing factor 4 homolog (yeast) [Source:MGI Symbol;Acc:MGI:1917302]		26,31342321	0,37184279	1,29400464	4,72367017	6,49484686	0,010818761	0,038731096	protein_coding
ENSMUSG00000027531	Impa1	inositol (myo)-1(or 4)-monophosphatase 1 [Source:MGI Symbol;Acc:MGI:1933158]		45,11581251	0,37168091	1,29385945	5,4997317	7,3426833	0,006733625	0,026059296	protein_coding
ENSMUSG00000004394	Tmed4	transmembrane emp24 protein transport domain containing 4 [Source:MGI Symbol;Acc:MGI:1915070]		44,80825114	0,37162918	1,29381306	5,49035854	7,14264065	0,007527224	0,028626379	protein_coding
ENSMUSG00000075600	Zc3h3	zinc finger CCHC type containing 3 [Source:MGI Symbol;Acc:MGI:2663721]		25,23158344	0,37100465	1,2932531	4,65629475	9,59087202	0,014710008	0,049470111	protein_coding
ENSMUSG00000015839	Nfe2l2	nuclear factor, erythroid derived 2, like 2 [Source:MGI Symbol;Acc:MGI:108420]		230,5117233	0,37098792	1,2932381	7,8495865	6,71224517	0,009575309	0,035083256	protein_coding
ENSMUSG00000073987	Ggh	gamma-glutamyl hydrolase [Source:MGI Symbol;Acc:MGI:1329035]		45,473641826	0,37071491	1,2929934	5,52234791	7,29158975	0,006927815	0,026669901	protein_coding
ENSMUSG00000049643	2310022A10Rik	RIKEN cDNA 2310022A10 gene [Source:MGI Symbol;Acc:MGI:1913617]		45,88042964	0,37070988	1,29298889	5,50636373	6,29960627	0,012076479	0,042421335	protein_coding
ENSMUSG00000022462	Slc38a2	solute carrier family 38, member 2 [Source:MGI Symbol;Acc:MGI:1915010]		128,9600303	0,37035912	1,29267457	7,01099975	7,72924782	0,005433338	0,021747207	protein_coding
ENSMUSG00000002741	Ykt6	YKT6 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1927550]		135,3698946	0,37016123	1,29249727	7,08142244	7,93923003	0,004837441	0,019641921	protein_coding
ENSMUSG00000028779	Pef1	penta-EF hand domain containing 1 [Source:MGI Symbol;Acc:MGI:1915148]		46,21432036	0,36963582	1,29202665	5,53123323	7,47404166	0,006259487	0,02450053	protein_coding
ENSMUSG00000041515	Irf8	interferon regulatory factor 8 [Source:MGI Symbol;Acc:MGI:96395]		142,3512083	0,36731243	1,28994757	7,15299927	8,05755121	0,004531439	0,018639805	protein_coding
ENSMUSG00000025068	Gsto1	glutathione S-transferase omega 1 [Source:MGI Symbol;Acc:MGI:1342273]		71,48207738	0,36720749	1,28985375	6,15990379	6,58094168	0,003735966	0,037335966	protein_coding
ENSMUSG00000039530	Tusc3	tumor suppressor candidate 3 [Source:MGI Symbol;Acc:MGI:1933134]		27,15801933	0,36658721	1,2892993	4,76882868	6,14427333	0,013183833	0,045379315	protein_coding
ENSMUSG00000019943	Atp2b1	ATPase, Ca++ transporting, plasma membrane 1 [Source:MGI Symbol;Acc:MGI:104653]		208,8385256	0,36558355	1,28840267	7,7067896	6,9076345	0,008582847	0,03195518	protein_coding
ENSMUSG00000025234	Arih1	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:1344363]		135,8823513	0,36556001	1,28838165	7,08605845	7,1309134	0,007576612	0,028774365	protein_coding
ENSMUSG00000025510	Cd151	CD151 antigen [Source:MGI Symbol;Acc:MGI:1096360]		52,90176782	0,36439479	1,28734148	5,73020686	6,4313708	0,011221201	0,039918488	protein_coding
ENSMUSG00000048379	Scs4	suppressor of cytokine signaling 4 [Source:MGI Symbol;Acc:MGI:1914546]		41,82384373	0,36378424	1,28679679	5,38524994	6,82094707	0,009009478	0,03335146	protein_coding
ENSMUSG00000001082	Mfsd10	major facilitator superfamily domain containing 10 [Source:MGI Symbol;Acc:MGI:1915544]		36,42895817	0,3635423	1,28658101	5,18514776	6,78682909	0,009183288	0,033843906	protein_coding
ENSMUSG00000022270	Fam134b	family with sequence similarity 134, member B [Source:MGI Symbol;Acc:MGI:1913520]		44,66084576	0,36269146	1,28582246	5,48528992	7,5179906	0,006118078	0,023986758	protein_coding
ENSMUSG00000039952	Dntip2	deoxynucleotidyltransferase, terminal, interacting protein 2 [Source:MGI Symbol;Acc:MGI:1923173]		59,81766718	0,36265776	1,28579243	5,90657746	7,23991407	0,007130039	0,027333663	protein_coding
ENSMUSG00000030720	Cln3	ceroid lipofuscinosis, neuronal 3, juvenile (Batten, Spielmeier-Vogt disease) [Source:MGI Symbol;Acc:MGI:107537]		101,4190857	0,36260177	1,28574253	6,66461909	7,98808187	0,004708627	0,019239007	protein_coding
ENSMUSG00000057554	Lgals8	lectin, galactose binding, soluble 8 [Source:MGI Symbol;Acc:MGI:1928481]		97,67262183	0,36046414	1,28383886	6,61281179	6,71715573	0,009548979	0,035006552	protein_coding
ENSMUSG00000023068	Nus1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1196365]		109,5198354	0,35947834	1,28296191	6,77683832	7,30386374	0,006880649	0,026551846	protein_coding
ENSMUSG00000039662	Icmt	isoprenylcysteine carboxyl methyltransferase [Source:MGI Symbol;Acc:MGI:1888594]		44,39582341	0,3589448	1,28248753	5,47217157	6,86929885	0,008769905	0,032548635	protein_coding
ENSMUSG00000034974	Dapk3	death-associated protein kinase 3 [Source:MGI Symbol;Acc:MGI:1203520]		31,25331264	0,35889225	1,28244082	4,96130831	6,32482077	0,01195952	0,041939947	protein_coding
ENSMUSG00000057738	Spna2	spectrin alpha 2 [Source:MGI Symbol;Acc:MGI:98386]		207,0211487	0,35612256	1,27998115	7,69441231	6,4101441	0,011347021	0,040346186	protein_coding
ENSMUSG00000022551	Cyc1	cytochrome c-1 [Source:MGI Symbol;Acc:MGI:1913695]		82,21982586	0,35601948	1,2798997	6,36309661	7,50722358	0,006145203	0,024104727	protein_coding
ENSMUSG00000005697	Prkaa1	protein kinase, AMP-activated, alpha 1 catalytic subunit [Source:MGI Symbol;Acc:MGI:2145955]		61,4554062	0,35520525	1,27916755	5,94469451	6,91200087	0,005561913	0,031898859	protein_coding
ENSMUSG00000030595	Nfkb1	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, beta [Source:MGI Symbol;Acc:MGI:104752]		33,38702057	0,35517368	1,27913956	5,06293427	6,24493093	0,012454924	0,043366638	protein_coding
ENSMUSG00000029501	Ank2	ankyrin repeat and LEM domain containing 2 [Source:MGI Symbol;Acc:MGI:1261856]		47,42322845	0,35459987	1,27863091	5,56991122	6,81517562	0,009038641	0,033436887	protein_coding
ENSMUSG00000030741	Spns1	spinster homolog 1 [Source:MGI Symbol;Acc:MGI:1920908]		39,82078839	0,35458513	1,27861785	5,31119688	6,00022251	0,014304074	0,048401252	protein_coding
ENSMUSG00000029922	Mkrm1	makorin, ring finger protein, 1 [Source:MGI Symbol;Acc:MGI:1859353]		89,94834702	0,35380778	1,27792908	6,4916554	7,23593701	0,007145851	0,027365445	protein_coding
ENSMUSG00000022193	Psmb5	proteasome (prosome, macropain) subunit, beta type 5 [Source:MGI Symbol;Acc:MGI:1194513]		120,0323976	0,35340485	1,27757222	6,90837242	6,80148967	0,009108185	0,033648832	protein_coding
ENSMUSG00000022974	Gcfc1	GC-rich sequence DNA-binding factor 1 [Source:MGI Symbol;Acc:MGI:1914617]		53,93247088	0,3513394	1,27574448	5,74878525	6,9266905	0,008491868	0,031670115	protein_coding
ENSMUSG00000037434	Slc30a1	solute carrier family 30 (zinc transporter), member 1 [Source:MGI Symbol;Acc:MGI:1345281]		45,35030437	0,35036238	1,27488082	5,50976946	6,15874509	0,013076395	0,045122597	protein_coding
ENSMUSG00000071203	Naip5	NLR family, apoptosis inhibitory protein 5 [Source:MGI Symbol;Acc:MGI:1298220]		38,9383954	0,34927884	1,27392367	5,2793198	6,2606595	0,012344824	0,043103852	protein_coding
ENSMUSG00000078606	Gm4070	predicted gene 4070 [Source:MGI Symbol;Acc:MGI:3782245]		143,3884141	0,34786632	1,27267701	7,16522888	6,65809749	0,009870624	0,036005494	protein_coding
ENSMUSG00000017801	Mix	MAX-like protein X [Source:MGI Symbol;Acc:MGI:108398]		34,7206216	0,34782282	1,27263863	5,12341412	5,9870856	0,014410993	0,048703038	protein_coding
ENSMUSG00000003288	Spg21	spastic paraplegia 21 homolog (human) [Source:MGI Symbol;Acc:MGI:106403]		91,59160569	0,34722857	1,27211453	6,51818292	6,84670783	0,008880477	0,032918285	protein_coding
ENSMUSG00000040761	Spn	SPEN homolog, transcriptional regulator (Drosophila) [Source:MGI Symbol;Acc:MGI:1891706]		107,4350492	0,34701196	1,27192356	6,74748101	7,67888646	0,005587063	0,022279228	protein_coding
ENSMUSG00000028156	Eif4e	eukaryotic translation initiation factor 4E [Source:MGI Symbol;Acc:MGI:95305]		145,9563582	0,34640949	1,27139251	7,1917008	6,81589701	0,010672938	0,038359034	protein_coding
ENSMUSG00000038780	Smurf1	SMAD specific E3 ubiquitin protein ligase 1 [Source:MGI Symbol;Acc:MGI:1923038]		50,67935465	0,34380905	1,2691029	5,6626703	6,59962798	0,010200008	0,037010398	protein_coding
ENSMUSG00000026262	Ppp2r5a	protein phosphatase 2, regulatory subunit B (B56), alpha isoform [Source:MGI Symbol;Acc:MGI:2388479]		81,33861445	0,34367509	1,26898506	6,34736936	7,38055487	0,006593283	0,025588271	protein_coding
ENSMUSG00000024077	Strn	striatin, calmodulin binding protein [Source:MGI Symbol;Acc:MGI:1333757]		62,8396145	0,34336299	1,26871057	5,97732740	6,35207591	0,011744008	0,041459953	protein_coding
ENSMUSG00000071054	Safb	scaffold attachment factor B [Source:MGI Symbol;Acc:MGI:2146974]		58,523966	0,34274498	1,26816721	5,86860502	6,8098044	0,00906587	0,033526324	protein_coding
ENSMUSG00000013662	Atad1	ATPase family, AAA domain containing 1 [Source:MGI Symbol;Acc:MGI:1915229]		59,66191397	0,34256356	1,26800775	5,90177883	6,33780099	0,011819132	0,041727765	protein_coding
ENSMUSG00000015341	Golga7	golgi autoantigen, golgin subfamily a, 7 [Source:MGI Symbol;Acc:MGI:1931029]		89,00039824	0,34233415	1,26780613	6,47840626	7,23771903	0,007138761	0,027357367	protein_coding
ENSMUSG00000021114	Atp6v1d	ATPase, H+ transporting, lysosomal V1 subunit D [Source:MGI Symbol;Acc:MGI:1921084]		120,8613289	0,34130086	1,26689843	6,91864951	6,5771			

ENSMUSG00000030805	Stx4a	syntaxin 4A (placental) [Source:MGI Symbol;Acc:MGI:893577]		Sheet1	102.3879388	0,33347461	1,26004443	6,67891037	6,51104331	0,010720659	0,038429977	protein_coding
ENSMUSG00000006736	Tspan31	tetraspanin 31 [Source:MGI Symbol;Acc:MGI:1914375]			78,09492766	0,33237357	1,25908316	6,28998075	6,19363743	0,01282104	0,044416297	protein_coding
ENSMUSG00000006420	Mocs1	molybdenum cofactor synthesis 1 [Source:MGI Symbol;Acc:MGI:1928904]			43,07010355	0,3309906	1,25787678	5,43170483	5,97687465	0,014494666	0,048940655	protein_coding
ENSMUSG00000022000	Zc3h13	zinc finger CCH type containing 13 [Source:MGI Symbol;Acc:MGI:1914552]			52,07149181	0,33016432	1,25715656	5,70129652	6,1138124	0,01341295	0,04603814	protein_coding
ENSMUSG00000027889	Ampd2	adenosine monophosphate deaminase 2 [Source:MGI Symbol;Acc:MGI:88016]			58,58478576	0,3283635	1,25558831	5,86125129	6,10173255	0,013504941	0,04625274	protein_coding
ENSMUSG00000022508	Bcl6	B cell leukemia/lymphoma 6 [Source:MGI Symbol;Acc:MGI:107187]			79,58151711	0,32823016	1,25547227	6,31546526	6,70461962	0,009616344	0,035206523	protein_coding
ENSMUSG00000041926	Rnpep	arginyl aminopeptidase (aminopeptidase B) [Source:MGI Symbol;Acc:MGI:2384902]			176,6578374	0,32705412	1,25444926	7,46535073	6,0926375	0,01357463	0,046419067	protein_coding
ENSMUSG00000021831	Ero11	ERO1-like (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1354385]			110,2183924	0,32248069	1,25047887	6,78745524	6,28442798	0,012180339	0,042701142	protein_coding
ENSMUSG00000021109	Hif1a	hypoxia inducible factor 1, alpha subunit [Source:MGI Symbol;Acc:MGI:106918]			142,7230366	0,32107774	1,24980909	7,15849866	6,16063291	0,013062446	0,045102796	protein_coding
ENSMUSG00000030452	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human) [Source:MGI Symbol;Acc:MGI:1913918]			71,16000481	0,32169294	1,24979627	6,15581308	6,20987261	0,012703977	0,044086733	protein_coding
ENSMUSG00000002658	Gt2f1	general transcription factor IIF, polypeptide 1 [Source:MGI Symbol;Acc:MGI:1923848]			82,85950005	0,31325148	1,24250484	6,37306213	6,14622786	0,013169927	0,045357525	protein_coding
ENSMUSG00000068856	Sf3b4	splicing factor 3b, subunit 4 [Source:MGI Symbol;Acc:MGI:109580]			85,48424384	0,31171375	1,2411812	6,47151332	6,05674942	0,013853245	0,047195534	protein_coding
ENSMUSG00000031545	Agpat6	1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta) [Source:MGI Symbol;Acc:MGI:1267523]			81,43941307	0,31053587	1,24016825	6,35032178	5,96639005	0,014581101	0,049111759	protein_coding
ENSMUSG00000043004	Gng2	guanine nucleotide binding protein (G protein), gamma 2 [Source:MGI Symbol;Acc:MGI:102705]			98,92475965	-0,309336	-1,2391373	6,6268706	6,1661737	0,013021595	0,04499002	protein_coding
ENSMUSG00000024997	Prdx3	peroxiredoxin 3 [Source:MGI Symbol;Acc:MGI:88034]			88,78955888	-0,3119027	-1,24134377	6,47307417	6,05754663	0,013846992	0,047188865	protein_coding
ENSMUSG00000006057	Atp5g1	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c1 (subunit 9) [Source:MGI Symbol;Acc:MGI:107653]			71,65179268	-0,314141	-1,24237119	6,16008923	6,02505681	0,014104178	0,04784273	protein_coding
ENSMUSG00000056941	Comm7d	COMM domain containing 7 [Source:MGI Symbol;Acc:MGI:1914197]			74,87045364	-0,3159119	-1,24497821	6,224665	5,93619062	0,014833044	0,049083122	protein_coding
ENSMUSG00000074212	Dnajb14	Dnaj (Hsp40) homolog, subfamily B, member 14 [Source:MGI Symbol;Acc:MGI:1917854]			91,62176373	-0,3167334	-1,24550721	6,51721847	6,10212202	0,013501965	0,04625274	protein_coding
ENSMUSG00000032481	Smarrc1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1 [Source:MGI Symbol;Acc:MGI:1276523]			94,7268046	-0,317133	-1,24585223	6,56719804	6,08067562	0,01366689	0,0466618	protein_coding
ENSMUSG00000040848	Sft2d2	SFT2 domain containing 2 [Source:MGI Symbol;Acc:MGI:1917362]			104,7964734	-0,3177035	-1,24634506	6,71020584	6,39660893	0,011433856	0,040549959	protein_coding
ENSMUSG00000027170	Eif3m	eukaryotic translation initiation factor 3, subunit M [Source:MGI Symbol;Acc:MGI:1351744]			101,9273491	-0,319025	-1,24748716	6,67044551	6,0653588	0,013785874	0,047038945	protein_coding
ENSMUSG00000020580	Rock2	Rho-associated coiled-coil containing protein kinase 2 [Source:MGI Symbol;Acc:MGI:107926]			104,9923663	-0,319473	-1,24787466	6,71376454	6,51381582	0,010730958	0,038395162	protein_coding
ENSMUSG00000025224	Gbf1	golgi-specific brefeldin A-resistance factor 1 [Source:MGI Symbol;Acc:MGI:1861607]			89,39334802	-0,320149	-1,24845949	6,48221813	6,27151649	0,012269409	0,042920632	protein_coding
ENSMUSG00000020647	Ncoa1	nuclear receptor coactivator 1 [Source:MGI Symbol;Acc:MGI:1276523]			67,36243824	-0,3209853	-1,24918343	6,06968716	6,1650890	0,013029641	0,045003669	protein_coding
ENSMUSG00000062901	Khlh24	kelch-like 24 (Drosophila) [Source:MGI Symbol;Acc:MGI:1923035]			102,4889002	-0,3219333	-1,25000448	6,67671865	6,22706422	0,012581215	0,04372438	protein_coding
ENSMUSG00000021774	Ube2e1	ubiquitin-conjugating enzyme E2E 1 [Source:MGI Symbol;Acc:MGI:107411]			68,82957941	-0,3219372	-1,25000788	6,10400158	5,97154221	0,014535856	0,049013551	protein_coding
ENSMUSG00000018585	Atox1	ATX1 (antioxidant protein 1) homolog 1 (yeast) [Source:MGI Symbol;Acc:MGI:1333855]			83,18615235	-0,3241634	-1,25193824	6,37447443	6,39229002	0,011461707	0,040635616	protein_coding
ENSMUSG00000032633	Ficn	folliculin [Source:MGI Symbol;Acc:MGI:2442184]			119,9634085	-0,3243733	-1,25212041	6,90400791	6,19278147	0,012827242	0,044416297	protein_coding
ENSMUSG00000067194	Eif1ax	eukaryotic translation initiation factor 1A, X-linked [Source:MGI Symbol;Acc:MGI:1913485]			116,3322971	-0,3245477	-1,25227174	6,86324806	6,25831464	0,012361174	0,043103852	protein_coding
ENSMUSG00000031295	Phka2	phosphorylase kinase alpha 2 [Source:MGI Symbol;Acc:MGI:97577]			91,15027484	-0,3251566	-1,25280038	6,50679634	6,31506835	0,011971613	0,0421144221	protein_coding
ENSMUSG00000039770	Ypel5	yippee-like 5 (Drosophila) [Source:MGI Symbol;Acc:MGI:1916937]			98,22741051	-0,3254158	-1,25302556	6,61690351	6,29947726	0,012077358	0,042421335	protein_coding
ENSMUSG00000034940	Syndr	synergyn, gamma [Source:MGI Symbol;Acc:MGI:1354742]			69,37779906	-0,3259147	-1,25345889	6,11705939	6,33187984	0,011858655	0,041828982	protein_coding
ENSMUSG00000031154	Otu5	OTU domain containing 5 [Source:MGI Symbol;Acc:MGI:1859615]			106,2084952	-0,3260666	-1,25359085	6,72955312	6,09544201	0,013553102	0,046388764	protein_coding
ENSMUSG00000042404	Dennd4b	DENN/MADD domain containing 4B [Source:MGI Symbol;Acc:MGI:2446201]			120,0541054	-0,3263687	-1,25385534	6,90383419	6,25323255	0,012396687	0,043197718	protein_coding
ENSMUSG00000073676	Hspe1	heat shock protein 1 (chaperonin 10) [Source:MGI Symbol;Acc:MGI:104680]			77,6791006	-0,3274103	-1,25475896	6,27929015	6,29850885	0,012083958	0,04242761	protein_coding
ENSMUSG00000039997	Ifi203	interferon activated gene 203 [Source:MGI Symbol;Acc:MGI:96428]			63,9589638	-0,3277384	-1,25504442	5,99566051	6,1985437	0,012785547	0,044327802	protein_coding
ENSMUSG00000019868	Vta1	Vps20-associated 1 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1913451]			51,53045458	-0,3283893	-1,25561073	5,68602624	5,97948269	0,014473247	0,048989389	protein_coding
ENSMUSG00000020564	Atnx711	ataxin 7-like 1 [Source:MGI Symbol;Acc:MGI:3584458]			54,48650636	-0,3284429	-1,25565745	5,76292064	6,03185066	0,014049995	0,047668481	protein_coding
ENSMUSG00000017485	Top2b	topoisomerase (DNA) II beta [Source:MGI Symbol;Acc:MGI:98791]			90,98984196	-0,3294152	-1,25650391	6,50479944	6,36639375	0,011630171	0,041166459	protein_coding
ENSMUSG00000028790	Khdrbs1	KH domain containing, RNA binding, signal transduction associated 1 [Source:MGI Symbol;Acc:MGI:893579]			139,1955802	-0,3302819	-1,25725904	7,12051948	6,47946719	0,010912769	0,038991413	protein_coding
ENSMUSG00000031532	Tmem66	transmembrane protein 66 [Source:MGI Symbol;Acc:MGI:1951137]			149,062394	-0,3309564	-1,25784693	7,21973164	6,48238194	0,010894889	0,038952861	protein_coding
ENSMUSG00000056608	Chd9	chromodomain helicase DNA binding protein 9 [Source:MGI Symbol;Acc:MGI:1924001]			77,98896893	-0,331829	-1,25860801	6,28230071	6,62432038	0,010059552	0,03656927	protein_coding
ENSMUSG00000030216	Wbp11	WW domain binding protein 11 [Source:MGI Symbol;Acc:MGI:1891823]			151,1286573	-0,3324485	-1,25914856	7,23951995	6,1552746	0,013102077	0,045197025	protein_coding
ENSMUSG00000029817	Tra2a	transformer 2 alpha homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:1933972]			59,32271743	-0,3326129	-1,25929201	5,89196817	6,24126325	0,012480742	0,043421759	protein_coding
ENSMUSG00000033355	Rtp4	receptor transporter protein 4 [Source:MGI Symbol;Acc:MGI:1915025]			129,0770383	-0,3341927	-1,26067174	7,01251558	6,43455404	0,011192225	0,039872854	protein_coding
ENSMUSG00000039682	Lap3	leucine aminopeptidase 3 [Source:MGI Symbol;Acc:MGI:1914238]			58,11543512	-0,3341948	-1,26067356	5,86401893	6,39869156	0,01142045	0,040549959	protein_coding
ENSMUSG00000036002	B230312A22Rik	RIKEN cDNA B230312A22 gene [Source:MGI Symbol;Acc:MGI:2441854]			133,3726464	-0,3345193	-1,26095715	7,05761786	6,26391151	0,012322185	0,04306102	protein_coding
ENSMUSG00000025511	Tspan4	tetraspanin 4 [Source:MGI Symbol;Acc:MGI:1928097]			91,02739073	-0,3348267	-1,26122593	6,50589521	6,72057046	0,009530714	0,034951252	protein_coding
ENSMUSG000000079557	41335	membrane-associated ring finger (C3HC4) 2 [Source:MGI Symbol;Acc:MGI:1925915]			49,43751054	-0,335239	-1,26158636	5,62452046	6,39813448	0,011424034	0,040549959	protein_coding
ENSMUSG00000006095	Tbcb	tubulin folding cofactor B [Source:MGI Symbol;Acc:MGI:1913661]			70,2356665	-0,3355078	-1,26182145	6,13198038	6,36950976	0,011609766	0,041107478	protein_coding
ENSMUSG000000068329	Htra2	HtrA serine peptidase 2 [Source:MGI Symbol;Acc:MGI:1928676]			63,69404694	-0,3355156	-1,26182832	5,98852854	6,00999347	0,01422508	0,04817847	protein_coding
ENSMUSG000000066357	Wdr6	WD repeat domain 6 [Source:MGI Symbol;Acc:MGI:1930140]			41,82210382	-0,3364313	-1,26262941	5,37901415	6,06342822	0,013800952	0,04704656	protein_coding
ENSMUSG00000033272	Slc35a4	solute carrier family 35, member A4 [Source:MGI Symbol;Acc:MGI:1915093]			111,1470762	-0,3364427	-1,26263939	6,79415229	6,51434475	0,010700774	0,038395162	protein_coding
ENSMUSG00000033953	Ppp3r1	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type I) [Source:MGI Symbol;Acc:MGI:1071772]			210,4019168	-0,3367046	-1,26286869	7,71669622	6,09356528	0,013657504	0,04641582	protein_coding
ENSMUSG00000029763	Exoc4	exocyst complex component 4 [Source:MGI Symbol;Acc:MGI:1096376]			126,0854183	-0,3371813	-1,26328603	6,97816655	6,70564367	0,009610823	0,035198038	protein_coding
ENSMUSG00000019373	Cops3	COP9 (constitutive photomorphogenic) homolog, subunit 3 (Arabidopsis thaliana) [Source:MGI Symbol;Acc:MGI:134940]			50,0307381	-0,3374718	-1,26354038	5,64578731	5,94347583	0,014771859	0,049649654	protein_coding
ENSMUSG00000026511	Srp9	signal recognition particle 9 [Source:MGI Symbol;Acc:MGI:1350930]			55,31386875	-0,3391747	-1,26503271	5,78680567	6,15079678	0,013135291	0,045283164	protein_coding
ENSMUSG00000031221	Igcbp3	immunoglobulin (CD79A) binding protein 1 [Source:MGI Symbol;Acc:MGI:1346500]			54,81332951	-0,3392547	-1,26510289	5,77283509	6,27496812	0,012245532	0,042902316	protein_coding
ENSMUSG00000034998	Foxn2	forkhead box N2 [Source:MGI Symbol;Acc:MGI:1347478]			61,86579316	-0,3392579	-1,26510567	5,9506063	6,51441632	0,010700344	0,038395162	protein_coding
ENSMUSG00000026519	Tmem63a	transmembrane protein 63a [Source:MGI Symbol;Acc:MGI:2384789]			50,93445061	-0,3393282	-1,2651673	5,66964423	6,33008506	0,011870662	0,041835925	protein_coding
ENSMUSG00000047888	Tnrc6b	trinucleotide repeat containing 6b [Source:MGI Symbol;Acc:MGI:2443730]			58,09928723	-0,3399287	-1,26569408	5,85384369	6,46367578	0,011010166	0,039280705	protein_coding
ENSMUSG00000026623	Lpgat1	lysophosphatidylglycerol acyltransferase 1 [Source:MGI Symbol;Acc:MGI:2446186]			96,54838129	-0,3399769	-1,26573632	6,59217493	6,96277173	0,008322301	0,031122233	protein_coding
ENSMUSG00000025142	Aspsr1	alveolar soft part sarcoma chromosome region, candidate 1 (human) [Source:MGI Symbol;Acc:MGI:1916188]			52,97519173	-0,3401001	-1,26584443	5,7237879	6,06408217	0,013795843	0,047043739	protein_coding
ENSMUSG00000024150	Mcf2d	multiple coagulation factor deficiency 2 [Source:MGI Symbol;Acc:MGI:2183439]			133,3503812	-0,3410923	-1,26671528	7,05694246	6,67841743	0,009758723	0,035668359	protein_coding
ENSMUSG0000												

ENSMUSG00000020257	Wdr82	WD repeat domain containing 82 [Source:MGI Symbol;Acc:MGI:1924555]	Sheet1	61,85981302	-0,344545	-1,26975048	5,94930103	6,223026	0,012609941	0,043801905	protein_coding
ENSMUSG00000036323	Srp72	signal recognition particle 72 [Source:MGI Symbol;Acc:MGI:1333795]		184,1442561	-0,3448715	-1,27003784	7,52509078	6,62582741	0,010051044	0,036566497	protein_coding
ENSMUSG00000030345	Csnk1g2	casein kinase 1, gamma 2 [Source:MGI Symbol;Acc:MGI:1920014]		67,25995996	-0,3450432	-1,27018905	6,06443015	5,96068767	0,014628344	0,04925575	protein_coding
ENSMUSG00000026767	Fam188a	family with sequence similarity 188, member A [Source:MGI Symbol;Acc:MGI:1914210]		38,20015564	-0,3452099	-1,27033558	5,25996787	6,13083649	0,0132844	0,045639683	protein_coding
ENSMUSG00000044783	Hjurp	Holliday junction recognition protein [Source:MGI Symbol;Acc:MGI:2685821]		55,70875188	-0,3455632	-1,27064669	5,8022167	6,51170247	0,010716686	0,038428273	protein_coding
ENSMUSG00000031662	Snx20	sorting nexin 20 [Source:MGI Symbol;Acc:MGI:1918857]		94,47942782	-0,345658	-1,27074978	6,55973449	6,47974462	0,010911066	0,038991413	protein_coding
ENSMUSG00000071796	6820431F20Rik	RIKEN cDNA 6820431F20 gene [Source:MGI Symbol;Acc:MGI:3694236]		55,73565802	-0,3462228	-1,27122803	5,79757411	5,99087489	0,014380068	0,048628443	pseudogene
ENSMUSG00000029538	Srsf9	serine/arginine-rich splicing factor 9 [Source:MGI Symbol;Acc:MGI:104896]		52,70147322	-0,3472599	-1,27214219	5,7156322	5,97408362	0,014517623	0,048977478	protein_coding
ENSMUSG00000028811	Yars	tyrosyl-tRNA synthetase [Source:MGI Symbol;Acc:MGI:2147627]		65,25795919	-0,3477282	-1,27255516	6,02403073	6,67151111	0,009796609	0,035759251	protein_coding
ENSMUSG00000020271	Fbxw11	F-box and WD-40 domain protein 11 [Source:MGI Symbol;Acc:MGI:2144023]		168,8678672	-0,3480129	-1,27280634	7,40018759	6,6210509	0,010078035	0,036604089	protein_coding
ENSMUSG00000024966	Stip1	stress-induced phosphoprotein 1 [Source:MGI Symbol;Acc:MGI:109130]		126,7269216	-0,3484032	-1,27315072	6,98583763	6,68113273	0,009743869	0,035625918	protein_coding
ENSMUSG00000038116	Phf20	PHD finger protein 20 [Source:MGI Symbol;Acc:MGI:2444148]		110,2616774	-0,3487933	-1,27349501	6,78424715	7,46794305	0,006280727	0,02457491	protein_coding
ENSMUSG00000029681	Bcl7b	B cell CLL/lymphoma 7B [Source:MGI Symbol;Acc:MGI:1332238]		50,18268526	-0,3489098	-1,27359784	5,64369819	6,04192546	0,01397004	0,047460985	protein_coding
ENSMUSG00000042613	Pbxip1	pre B cell leukemia transcription factor interacting protein 1 [Source:MGI Symbol;Acc:MGI:2441670]		71,71935629	-0,3489324	-1,27361784	6,15933229	6,55369409	0,010466663	0,037741131	protein_coding
ENSMUSG00000050627	Gpd1l	glycerol-3-phosphate dehydrogenase 1-like [Source:MGI Symbol;Acc:MGI:1289257]		38,82623615	-0,3497129	-1,27430701	5,27207588	6,05458552	0,013870231	0,047238755	protein_coding
ENSMUSG00000020802	Ube2o	ubiquitin-conjugating enzyme E2O [Source:MGI Symbol;Acc:MGI:2444266]		38,66752994	-0,349914	-1,27448461	5,27529419	6,0915197	0,013583221	0,04643399	protein_coding
ENSMUSG00000034189	Hsd1l	hydroxysteroid dehydrogenase like 1 [Source:MGI Symbol;Acc:MGI:1919802]		72,88637732	-0,3499119	-1,27448904	6,18361784	7,10539952	0,007685209	0,029126387	protein_coding
ENSMUSG00000022205	Sub1	SUB1 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:104811]		70,62652206	-0,3501143	-1,27466164	6,14006883	6,68631949	0,009715558	0,035546067	protein_coding
ENSMUSG00000022973	Synj1	synaptotaxin 1 [Source:MGI Symbol;Acc:MGI:1354961]		222,7059356	-0,3504086	-1,27492166	7,79878218	6,26965511	0,01282305	0,042948976	protein_coding
ENSMUSG00000004591	Pkn2	protein kinase N2 [Source:MGI Symbol;Acc:MGI:109211]		53,45502296	-0,3505793	-1,27507252	5,74020998	6,87114061	0,008759872	0,032526096	protein_coding
ENSMUSG00000022450	Ndufa6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14) [Source:MGI Symbol;Acc:MGI:1914380]		42,72929463	-0,3507862	-1,27525542	5,41221359	6,34877416	0,011746244	0,041523803	protein_coding
ENSMUSG00000040242	Fgfr1o2	FGFR1 oncogene partner 2 [Source:MGI Symbol;Acc:MGI:1914779]		93,92543098	-0,3510728	-1,27550879	6,65187559	7,19281365	0,007319612	0,025872648	protein_coding
ENSMUSG00000049550	Clip1	CAP-GLY domain containing linker protein 1 [Source:MGI Symbol;Acc:MGI:1928401]		97,38444579	-0,3513097	-1,27571824	6,60498899	7,58108722	0,005898385	0,023294594	protein_coding
ENSMUSG00000002458	Rgs19	regulator of G-protein signaling 19 [Source:MGI Symbol;Acc:MGI:1915153]		86,60956461	-0,3516951	-1,27605902	6,43317577	7,21708323	0,0072211295	0,027044729	protein_coding
ENSMUSG00000031833	Mast3	microtubule associated serine/threonine kinase 3 [Source:MGI Symbol;Acc:MGI:2683541]		114,3644752	-0,3517596	-1,27611611	6,83389933	6,95206508	0,008372253	0,031268468	protein_coding
ENSMUSG00000026755	Arcp5l	actin related protein 2/3 complex, subunit 5-like [Source:MGI Symbol;Acc:MGI:1921442]		46,87190239	-0,3519853	-1,27631577	5,54628069	6,17265621	0,012973967	0,044853674	protein_coding
ENSMUSG00000028420	Tmem38b	transmembrane protein 38B [Source:MGI Symbol;Acc:MGI:1098718]		121,3733793	-0,3531873	-1,27737196	6,92405306	7,0254479	0,008035937	0,030246947	protein_coding
ENSMUSG000000060261	Gtf2i	general transcription factor II I [Source:MGI Symbol;Acc:MGI:1202722]		172,873719	-0,3532914	-1,27747179	7,43210984	7,19381205	0,00731554	0,027956815	protein_coding
ENSMUSG00000034786	Gpsm3	G-protein signalling modulator 3 (AGS3-like, C. elegans) [Source:MGI Symbol;Acc:MGI:2146755]		101,8752825	-0,3547569	-1,27877005	6,66772352	7,292769	0,006923269	0,026668976	protein_coding
ENSMUSG000000031907	Zfp90	zinc finger protein 90 [Source:MGI Symbol;Acc:MGI:104786]		26,48657463	-0,3551048	-1,27907849	4,72244159	5,9735838	0,014521739	0,048977478	protein_coding
ENSMUSG00000031232	Magt1	magnesium transporter 1 [Source:MGI Symbol;Acc:MGI:1914325]		88,13599916	-0,3563889	-1,28021748	6,46064142	7,45862206	0,006313332	0,02467612	protein_coding
ENSMUSG00000039263	Npep1l	aminopeptidase-like 1 [Source:MGI Symbol;Acc:MGI:2448523]		82,95183201	-0,3580288	-1,28167353	6,36788166	6,92366049	0,008506288	0,031713053	protein_coding
ENSMUSG00000029674	Limk1	LIM-domain containing, protein kinase [Source:MGI Symbol;Acc:MGI:104572]		36,14069684	-0,3583272	-1,28193863	5,16848363	6,5765232	0,010333254	0,037386216	protein_coding
ENSMUSG00000019843	Fyn	Fyn proto-oncogene [Source:MGI Symbol;Acc:MGI:95602]		66,98317278	-0,3588913	-1,28243995	6,06410854	7,20860862	0,007255472	0,027756222	protein_coding
ENSMUSG00000024687	Osbp	oxysterol binding protein [Source:MGI Symbol;Acc:MGI:97447]		70,46325217	-0,3590486	-1,28257977	6,13794723	7,00370125	0,008134136	0,03054332	protein_coding
ENSMUSG00000042570	Mier2	mesoderm induction early response 1, family member 2 [Source:MGI Symbol;Acc:MGI:1917677]		39,69629776	-0,3593221	-1,28282301	5,30946557	6,05198057	0,013890707	0,047293834	protein_coding
ENSMUSG00000014418	Hps5	Hermansky-Pudlak syndrome 5 homolog (human) [Source:MGI Symbol;Acc:MGI:2180307]		71,17609144	-0,3593245	-1,28282508	6,15290017	7,66672939	0,005624832	0,022383206	protein_coding
ENSMUSG00000022237	Ankr33b	ankyrin repeat domain 33B [Source:MGI Symbol;Acc:MGI:1917904]		70,79159152	-0,3594793	-1,28296279	6,14846059	7,58817097	0,005875253	0,02328284	protein_coding
ENSMUSG00000028101	Pias3	protein inhibitor of activated STAT 3 [Source:MGI Symbol;Acc:MGI:1913126]		34,40882334	-0,3601097	-1,28352346	5,09490229	6,10589199	0,013473193	0,046187199	protein_coding
ENSMUSG00000020700	Map3k3	mitogen-activated protein kinase kinase kinase 3 [Source:MGI Symbol;Acc:MGI:1346874]		110,9055815	-0,3607277	-1,28407339	6,79213783	7,19905986	0,007294178	0,027884877	protein_coding
ENSMUSG00000009995	Taz	tafazzin [Source:MGI Symbol;Acc:MGI:109626]		67,34267814	-0,3612546	-1,2845425	6,06928256	6,62286516	0,010067661	0,0236578504	protein_coding
ENSMUSG00000042726	Traf1	TRAF type zinc finger domain containing 1 [Source:MGI Symbol;Acc:MGI:1923551]		170,7113646	-0,3619324	-1,28514611	7,41422977	7,29228173	0,006925147	0,026668976	protein_coding
ENSMUSG00000021972	Hmbox1	homeobox containing 1 [Source:MGI Symbol;Acc:MGI:2445066]		71,58039541	-0,3629296	-1,28603469	6,15781354	7,45174168	0,006335151	0,024747009	protein_coding
ENSMUSG00000023915	Tnfrsf21	tumor necrosis factor receptor superfamily, member 21 [Source:MGI Symbol;Acc:MGI:2151075]		33,9340438	-0,3630385	-1,28613182	5,082806	6,286635	0,01216518	0,042661612	protein_coding
ENSMUSG00000029104	Htt	huntingtin [Source:MGI Symbol;Acc:MGI:96067]		181,2720771	-0,3638635	-1,2868675	7,50151335	7,29661505	0,006908464	0,026623393	protein_coding
ENSMUSG000000068551	Zfp467	zinc finger protein 467 [Source:MGI Symbol;Acc:MGI:1916160]		32,49399375	-0,3639853	-1,28697614	5,0156685	6,24463506	0,012457005	0,043366638	protein_coding
ENSMUSG00000052429	Prmt1	protein arginine N-methyltransferase 1 [Source:MGI Symbol;Acc:MGI:107846]		74,20884023	-0,3647314	-1,28764183	6,21278195	7,52626351	0,006080589	0,023897272	protein_coding
ENSMUSG00000057963	Itpk1	inositol 1,3,4-triphosphate 5/6 kinase [Source:MGI Symbol;Acc:MGI:2446159]		35,52591201	-0,3649314	-1,28782043	5,14683254	6,75619771	0,009342262	0,034364964	protein_coding
ENSMUSG00000029227	Fip11	FIP1 like 1 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1914149]		97,63341793	-0,3650342	-1,28791212	6,61156298	8,09770942	0,004432123	0,018279182	protein_coding
ENSMUSG00000045302	Preb	prolactin regulatory element binding [Source:MGI Symbol;Acc:MGI:1355326]		113,879691	-0,3657542	-1,28855504	6,82984487	7,43126508	0,006410026	0,025000695	protein_coding
ENSMUSG00000028059	Arhgef2	rho/rac guanine nucleotide exchange factor (GEF) 2 [Source:MGI Symbol;Acc:MGI:103264]		253,8433453	-0,3662507	-1,28899858	7,98698749	6,43589334	0,01118369	0,039855725	protein_coding
ENSMUSG00000073131	Vma21	VMA21 vacuolar H ⁺ -ATPase homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1914298]		87,27018048	-0,3663321	-1,28907131	6,45035178	7,92722572	0,004869641	0,019742709	protein_coding
ENSMUSG00000070939	Tgfbra3	transforming growth factor, beta receptor associated protein 1 [Source:MGI Symbol;Acc:MGI:2447427]		79,4741242	-0,3687246	-1,29121088	6,31078182	7,59943458	0,005838661	0,023133562	protein_coding
ENSMUSG00000018846	Pank3	panthothenate kinase 3 [Source:MGI Symbol;Acc:MGI:2387464]		80,14642051	-0,3687499	-1,29123349	6,32159842	6,96801756	0,008297938	0,031052262	protein_coding
ENSMUSG00000027746	Ufm1	ubiquitin-fold modifier 1 [Source:MGI Symbol;Acc:MGI:1915140]		63,99619747	-0,3688555	-1,29132804	6,0002649	7,40121861	0,006517971	0,025349715	protein_coding
ENSMUSG00000033186	Mzt1	mitotic spindle organizing protein 1 [Source:MGI Symbol;Acc:MGI:1924039]		38,58076769	-0,3690542	-1,29150584	5,26737272	6,9330738	0,008461614	0,031578721	protein_coding
ENSMUSG00000021537	Cetn3	centrin 3 [Source:MGI Symbol;Acc:MGI:1097706]		30,22540312	-0,3690815	-1,29153028	4,91242426	6,22090967	0,012625023	0,043840432	protein_coding
ENSMUSG00000027189	Trim44	tripartite motif-containing 44 [Source:MGI Symbol;Acc:MGI:1931835]		121,1322321	-0,3691737	-1,29161286	6,92002501	7,86720083	0,005033952	0,020341313	protein_coding
ENSMUSG00000002319	Ipo4	importin 4 [Source:MGI Symbol;Acc:MGI:1923001]		91,99488876	-0,369721	-1,29210295	6,5226367	8,12964481	0,004354728	0,018020864	protein_coding
ENSMUSG00000032405	Pias1	protein inhibitor of activated STAT 1 [Source:MGI Symbol;Acc:MGI:1913125]		84,29540116	-0,3702566	-1,29258275	6,39581375	8,16168134	0,004278469	0,017924206	protein_coding
ENSMUSG00000031299	Pdha1	pyruvate dehydrogenase E1 alpha 1 [Source:MGI Symbol;Acc:MGI:97532]		110,2660798	-0,3706211	-1,29290935	6,78447938	7,81811592	0,005172509	0,020862833	protein_coding
ENSMUSG00000001419	Mef2d	myocyte enhancer factor 2D [Source:MGI Symbol;Acc:MGI:99533]		193,1006604	-0,3709716	-1,29322344	7,59213036	7,59490834	0,005853337	0,0231727	protein_coding
ENSMUSG00000036918	Ttc7	tetratricopeptide repeat domain 7 [Source:MGI Symbol;Acc:MGI:1920999]		57,88410489	-0,3718059	-1,29397155	5,84725237	8,00655634	0,004660829	0,019094576	protein_coding
ENSMUSG00000036528	Pfifb2	PTPFR interacting protein, binding protein 2 (liprin beta 2) [Source:MGI Symbol;Acc:MGI:894649]		339,9588565	-0,3724606	-1,29455893	8,40929111	6,10626496	0,013470352	0,046187199	protein_coding
ENSMUSG00000000838	Fmr1	fragile X mental retardation syndrome 1 [Source:MGI Symbol;Acc:MGI:95564]		45,07631039	-0,3727326	-1,29480298	5,48884472	7,95541792	0,004794364	0,019516737	protein_coding
ENSMUSG00000022124	Fbxl3	F-box and leucine-rich repeat protein 3 [Source:MGI Symbol;Acc:MGI:1354702]		83,16834845	-0,3738585	-1,29581382	6,37623685	8,366863	0,003821247	0,016185057	protein_coding
ENSMUSG00000021629	Slc30a5	solute carrier family 30 (zinc transporter), member 5 [Source:MGI Symbol;Acc:MGI:1916298]		87,6117725	-0,3740899	-1,29602176	6,45176407	8,37465776	0,003804892	0,016153149	protein_coding
ENSMUSG00000044600	9130011J1										

ENSMUSG00000052296	Ppp6r1	protein phosphatase 6, regulatory subunit 1 [Source:MGI Symbol;Acc:MGI:2442163]	Sheet1	180,826663	-0,3759077	-1,29765572	7,49732528	7,68905133	0,00555682	0,022172278	protein_coding
ENSMUSG00000063015	Ccni	cyclin I [Source:MGI Symbol;Acc:MGI:1341077]		216,8015562	-0,3761602	-1,29788288	7,75939454	7,29685603	0,006907538	0,026623393	protein_coding
ENSMUSG00000031403	Dkc1	dyserkeratosis congenita 1, dyskerin [Source:MGI Symbol;Acc:MGI:1861727]		25,69987234	-0,3761621	-1,29788457	4,69001146	6,3190245	0,011944932	0,024063773	protein_coding
ENSMUSG00000021775	Nr1d2	nuclear receptor subfamily 1, group D, member 2 [Source:MGI Symbol;Acc:MGI:2449205]		46,09325434	-0,3764807	-1,29817123	5,52318005	7,78884017	0,005256993	0,042119244	protein_coding
ENSMUSG00000030990	Pgap2	post-GPI attachment to proteins 2 [Source:MGI Symbol;Acc:MGI:2385286]		198,1697739	-0,3765372	-1,29822204	7,63101621	7,02835934	0,008022882	0,030218515	protein_coding
ENSMUSG00000036438	Calm2	calmodulin 2 [Source:MGI Symbol;Acc:MGI:103250]		353,8296236	-0,3768853	-1,29853534	8,46680402	6,04381019	0,013955134	0,047425011	protein_coding
ENSMUSG00000060005	Tpr	translocated promoter region [Source:MGI Symbol;Acc:MGI:1922066]		366,2896839	-0,3771125	-1,29873991	8,51646323	6,13870865	0,013225386	0,045470092	protein_coding
ENSMUSG00000040209	Zfp704	zinc finger protein 704 [Source:MGI Symbol;Acc:MGI:2180715]		45,91311945	-0,3779508	-1,29949447	5,51288127	7,74672476	0,005381004	0,021561304	protein_coding
ENSMUSG00000038658	C030046E11Rik	RIKEN cDNA C030046E11 gene [Source:MGI Symbol;Acc:MGI:1924893]		123,1301908	-0,3782526	-1,29976664	6,94423194	7,64898331	0,005680433	0,025663598	protein_coding
ENSMUSG00000062908	Acadm	acyl-Coenzyme A dehydrogenase, medium chain [Source:MGI Symbol;Acc:MGI:87867]		61,2566138	-0,3784713	-1,2999637	5,93571951	7,81335796	0,005186145	0,020902485	protein_coding
ENSMUSG00000031223	Lipe	lipase, hormone sensitive [Source:MGI Symbol;Acc:MGI:96790]		38,27729017	-0,3794459	-1,30084214	5,25113994	6,520166402	0,010665817	0,038352705	protein_coding
ENSMUSG00000037089	Slc35b2	solute carrier family 35, member B2 [Source:MGI Symbol;Acc:MGI:1921086]		67,16758438	-0,380429	-1,30172891	6,06528168	7,67053823	0,005612971	0,022368413	protein_coding
ENSMUSG00000016344	Pdpf1	pancreatic progenitor cell differentiation and proliferation factor homolog (zebrafish)/RIKEN cDNA 2700038C09 gene [Source:MGI Symbol;Acc:MGI:1344345]		29,15796985	-0,3805039	-1,30179644	4,85764497	6,2423108	0,012473363	0,04340983	protein_coding
ENSMUSG00000041133	Smc1a	structural maintenance of chromosomes 1A [Source:MGI Symbol;Acc:MGI:1344345]		91,21000879	-0,3809518	-1,30220064	6,50912757	8,54618737	0,003462467	0,014947789	protein_coding
ENSMUSG00000022329	Stk3	serine/threonine kinase 3 [Source:MGI Symbol;Acc:MGI:1928487]		30,78642493	-0,3817427	-1,30291478	4,94892518	7,06205203	0,007873376	0,029777895	protein_coding
ENSMUSG00000029860	Zyx	zyxin [Source:MGI Symbol;Acc:MGI:103072]		174,591984	-0,3821837	-1,3033131	7,44556924	7,76206337	0,005335497	0,021418016	protein_coding
ENSMUSG00000053436	Mapk14	mitogen-activated protein kinase 14 [Source:MGI Symbol;Acc:MGI:1346865]		149,5522987	-0,3825255	-1,30362189	7,22354467	8,02494919	0,004613732	0,018949934	protein_coding
ENSMUSG00000031805	Jak3	Janus kinase 3 [Source:MGI Symbol;Acc:MGI:99928]		40,8127667	-0,3826695	-1,30375206	5,34188327	6,44293371	0,011139453	0,039710958	protein_coding
ENSMUSG00000042178	Arcm5	armadillo repeat containing 5 [Source:MGI Symbol;Acc:MGI:2384586]		50,93972213	-0,3830025	-1,30405296	5,66034198	6,80078911	0,009411759	0,033650722	protein_coding
ENSMUSG00000033128	Gga1	golgi associated, gamma adaptin ear containing, ARF binding protein 1 [Source:MGI Symbol;Acc:MGI:2146207]		151,7447018	-0,383161	-1,30419631	7,24327843	8,11004914	0,004402053	0,018175633	protein_coding
ENSMUSG00000020091	Eif4ebp2	eukaryotic translation initiation factor 4E binding protein 2 [Source:MGI Symbol;Acc:MGI:109198]		43,82822696	-0,3833195	-1,30433959	5,44669591	7,01662499	0,008075631	0,030354757	protein_coding
ENSMUSG00000024165	Hn1f1	hematological and neurological expressed 1-like [Source:MGI Symbol;Acc:MGI:1196260]		62,64300542	-0,3847011	-1,30558923	5,97152253	8,28510856	0,003997151	0,016813439	protein_coding
ENSMUSG00000030347	D6Wsu163e	DNA segment, Chr 6, Wayne State University 163, expressed [Source:MGI Symbol;Acc:MGI:107893]		42,93813666	-0,3849597	-1,30582336	5,42461733	7,54211179	0,006027336	0,023727101	protein_coding
ENSMUSG00000060657	Marf1	meiosis arrest female 1 [Source:MGI Symbol;Acc:MGI:2444505]		135,9434096	-0,3855506	-1,30635822	7,08569777	8,60477046	0,003352836	0,014520146	protein_coding
ENSMUSG00000049751	Rpl36al	ribosomal protein L36A-like [Source:MGI Symbol;Acc:MGI:1913733]		152,1534317	-0,3861599	-1,30691011	7,24824057	7,79084606	0,00525116	0,021133515	protein_coding
ENSMUSG00000023277	Twf2	twinfilin, actin-binding protein, homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:1346078]		104,8964876	-0,3864914	-1,30721043	6,7072958	7,0220656	0,00805113	0,030283384	protein_coding
ENSMUSG00000023272	Creld2	cysteine-rich with EGF-like domains 2 [Source:MGI Symbol;Acc:MGI:1923987]		27,66627756	-0,3866117	-1,30731943	4,78671218	6,30719749	0,01024877	0,042264019	protein_coding
ENSMUSG00000013787	Ehmt2	chromatin histone lysine N-methyltransferase 2 [Source:MGI Symbol;Acc:MGI:2148922]		231,3380285	-0,3886392	-1,30915802	7,85251744	7,00484818	0,008128927	0,030534194	protein_coding
ENSMUSG00000024818	Slc25a45	solute carrier family 25, member 45 [Source:MGI Symbol;Acc:MGI:2147731]		132,8860606	-0,3887133	-1,30922522	7,05174356	8,27231116	0,00401453	0,016860719	protein_coding
ENSMUSG00000026094	Stk17b	serine/threonine kinase 17b (apoptosis-inducing) [Source:MGI Symbol;Acc:MGI:2138162]		138,955188	-0,3891118	-1,30958692	7,12025687	8,85381518	0,002942769	0,012931363	protein_coding
ENSMUSG00000031865	Dctn1	dynactin 1 [Source:MGI Symbol;Acc:MGI:107745]		170,1723772	-0,3903067	-1,310672	7,40925379	8,63795214	0,003292313	0,014303141	protein_coding
ENSMUSG00000035397	Klf16	Kruppel-like factor 16 [Source:MGI Symbol;Acc:MGI:2153049]		27,40248996	-0,3904463	-1,31079888	4,77196545	6,67660334	0,00976866	0,035692806	protein_coding
ENSMUSG00000014606	Slc25a11	solute carrier family 25 (mitochondrial carrier oxoglutarate carrier), member 11 [Source:MGI Symbol;Acc:MGI:1915113]		120,7224009	-0,3916122	-1,31185857	6,91370439	9,12449947	0,002522089	0,011391162	protein_coding
ENSMUSG00000030399	Ppp5c	protein phosphatase 5, catalytic subunit [Source:MGI Symbol;Acc:MGI:102666]		92,23080436	-0,3917335	-1,31196887	6,52536935	8,92462048	0,002813518	0,01251503	protein_coding
ENSMUSG00000018428	Akap1	A kinase (PRKA) anchor protein 1 [Source:MGI Symbol;Acc:MGI:104729]		28,80223485	-0,3920525	-1,31225902	4,50956193	6,26207093	0,012334993	0,043092073	protein_coding
ENSMUSG00000030291	Med21	mediator complex subunit 21 [Source:MGI Symbol;Acc:MGI:1347064]		28,38515642	-0,3920732	-1,31227782	4,82923498	6,51806638	0,010678404	0,03836613	protein_coding
ENSMUSG00000020743	Mif4g	MIF4G domain containing [Source:MGI Symbol;Acc:MGI:1916924]		36,5907843	-0,3920777	-1,31228195	5,18662658	7,70704219	0,005500581	0,021992315	protein_coding
ENSMUSG00000040459	Argl1	arginine and glutamate rich 1 [Source:MGI Symbol;Acc:MGI:2442985]		49,22280192	-0,3923834	-1,31256002	5,61712932	8,32531055	0,001399645	0,016489549	protein_coding
ENSMUSG00000029192	Tbc1d14	TBC1 domain family, member 14 [Source:MGI Symbol;Acc:MGI:1098708]		109,5931086	-0,3924057	-1,31258032	6,77447702	8,16767406	0,004264356	0,01774043	protein_coding
ENSMUSG00000033697	Arhgap39	Rho GTPase activating protein 39 [Source:MGI Symbol;Acc:MGI:107858]		27,04001927	-0,3927034	-1,31285123	4,7427336	6,96875277	0,008294529	0,031050082	protein_coding
ENSMUSG00000061288	Tao3	TAO kinase 3 [Source:MGI Symbol;Acc:MGI:3041177]		221,0622508	-0,3935829	-1,31365182	7,78770942	7,96999164	0,004755916	0,019398364	protein_coding
ENSMUSG00000036241	Ube2r1	ubiquitin-conjugating enzyme E2R 2 [Source:MGI Symbol;Acc:MGI:1914865]		128,6277819	-0,3936196	-1,31368516	7,00613508	8,61274805	0,003338183	0,014473801	protein_coding
ENSMUSG00000021794	Glud1	glutamate dehydrogenase 1 [Source:MGI Symbol;Acc:MGI:95753]		368,0148096	-0,3940133	-1,31404373	8,52345332	6,56366937	0,010408153	0,037567141	protein_coding
ENSMUSG00000090137	Uba52	ubiquitin A-52 residue ribosomal protein fusion product 4 [Source:MGI Symbol;Acc:MGI:98887]		190,4662688	-0,3948066	-1,31476654	7,57074895	8,45427705	0,00364186	0,015593575	protein_coding
ENSMUSG00000031681	Smad1	SMAD family member 1 [Source:MGI Symbol;Acc:MGI:109452]		25,52997566	-0,3949526	-1,31489953	5,14044589	7,02256015	0,008048907	0,030283384	protein_coding
ENSMUSG00000031198	Fundc2	FUN14 domain containing 2 [Source:MGI Symbol;Acc:MGI:1914641]		43,89768913	-0,3950053	-1,3149476	4,54647424	8,57437327	0,00340086	0,017421025	protein_coding
ENSMUSG0000001964	Emd	emerin [Source:MGI Symbol;Acc:MGI:108117]		45,17241832	-0,3950304	-1,31497044	5,49847626	8,15387665	0,004296921	0,017848873	protein_coding
ENSMUSG00000075415	Fnbp1	formin binding protein 1 [Source:MGI Symbol;Acc:MGI:109606]		279,8735972	-0,3951343	-1,31506515	8,12818092	7,38976257	0,006559615	0,025484613	protein_coding
ENSMUSG00000047123	Ticam1	toll-like receptor adaptor molecule 1 [Source:MGI Symbol;Acc:MGI:2147032]		68,47108165	-0,3958389	-1,31570761	6,09645708	8,69618255	0,003188772	0,013891766	protein_coding
ENSMUSG00000020941	Map3k14	mitogen-activated protein kinase kinase kinase 14 [Source:MGI Symbol;Acc:MGI:1858204]		47,54409372	-0,3959366	-1,31579669	5,56624343	7,80594827	0,005207453	0,02097298	protein_coding
ENSMUSG00000025648	Pfkfb4	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 4 [Source:MGI Symbol;Acc:MGI:2687284]		42,74928657	-0,3962193	-1,31605454	5,41023352	6,48842543	0,01085791	0,03883329	protein_coding
ENSMUSG00000036054	Supg2	SURP and G patch domain containing 2 [Source:MGI Symbol;Acc:MGI:2678085]		44,22138711	-0,3964001	-1,31621948	5,46160592	7,70412103	0,005509489	0,02201265	protein_coding
ENSMUSG00000000628	Hk2	hexokinase 2 [Source:MGI Symbol;Acc:MGI:1315197]		154,5144169	-0,3964006	-1,31621991	7,27150574	8,47149573	0,003607547	0,015452677	protein_coding
ENSMUSG00000028282	Casp8ap2	caspase 8 associated protein 2 [Source:MGI Symbol;Acc:MGI:1349399]		27,49637813	-0,3968929	-1,31666918	4,76885201	7,52738011	0,006076822	0,02389622	protein_coding
ENSMUSG00000027466	Rbck1	RanBP-type and C3HC4-type zinc finger containing 1 [Source:MGI Symbol;Acc:MGI:1344372]		72,1664888	-0,3969614	-1,31673172	6,16678374	7,46346648	0,006296364	0,024627325	protein_coding
ENSMUSG00000057530	Ece1	endothelin converting enzyme 1 [Source:MGI Symbol;Acc:MGI:1101357]		59,98323502	-0,3979033	-1,31759168	5,90408086	8,73998626	0,003113069	0,013654006	protein_coding
ENSMUSG00000059555	A830007P12Rik	RIKEN cDNA A830007P12 gene [Source:MGI Symbol;Acc:MGI:2442720]		151,7641403	-0,3982703	-1,31792688	7,24328588	8,25684366	0,004059865	0,017025092	protein_coding
ENSMUSG00000040327	Cul9	cullin 9 [Source:MGI Symbol;Acc:MGI:1925559]		60,4606281	-0,3983132	-1,31796603	5,90916316	9,07883517	0,002558547	0,01164373	protein_coding
ENSMUSG00000049988	Lrrc25	leucine rich repeat containing 25 [Source:MGI Symbol;Acc:MGI:2445284]		272,5559531	-0,3985441	-1,31817704	8,08968715	6,86601277	0,008785044	0,032586524	protein_coding
ENSMUSG00000073982	Rhog	ras homolog gene family, member G [Source:MGI Symbol;Acc:MGI:1928370]		363,7892053	-0,3986331	-1,31825831	8,50651625	6,29401515	0,012114631	0,042511482	protein_coding
ENSMUSG00000058997	Vva8	von Willebrand factor A domain containing 8 [Source:MGI Symbol;Acc:MGI:1919008]		95,5029769	-0,3992326	-1,3188093	6,57750796	9,49471816	0,002060642	0,009617377	protein_coding
ENSMUSG00000040760	App1	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 [Source:MGI Symbol;Acc									

ENSMUSG00000023007	Prpf40b	PRP40 pre-mRNA processing factor 40 homolog B (yeast) [Source:MGI Symbol;Acc:MGI:1925583]h3e1t	18,25895292	-0,4042963	-1,32344321	4,18171953	6,12190593	0,013351677	0,045856478	protein_coding
ENSMUSG00000027363	Usp8	ubiquitin specific peptidase 8 [Source:MGI Symbol;Acc:MGI:1934029]	241,7937245	-0,4043587	-1,32350042	7,91734496	8,18228165	0,004230152	0,017604803	protein_coding
ENSMUSG00000022336	Eif3e	eukaryotic translation initiation factor 3, subunit E [Source:MGI Symbol;Acc:MGI:99257]	169,4797503	-0,4046009	-1,32372263	7,40459835	9,12755657	0,002517588	0,011384331	protein_coding
ENSMUSG00000054920	Kih15	kelch-like 5 (Drosophila) [Source:MGI Symbol;Acc:MGI:1919028]	114,1934196	-0,4046035	-1,32372505	6,83337539	9,53109889	0,002020191	0,010494906	protein_coding
ENSMUSG00000039853	Trim14	tripartite motif-containing 14 [Source:MGI Symbol;Acc:MGI:1921985]	44,71897625	-0,4057315	-1,32476047	5,47355832	8,73439078	0,003122636	0,013685044	protein_coding
ENSMUSG00000042626	Shc1	src homology 2 domain-containing transforming protein C1 [Source:MGI Symbol;Acc:MGI:98296]	104,9303302	-0,4059381	-1,32495017	6,71091129	8,42954431	0,003691729	0,01577636	protein_coding
ENSMUSG00000036257	Pnpla8	patatin-like phospholipase domain containing 8 [Source:MGI Symbol;Acc:MGI:1914702]	54,7689764	-0,4061143	-1,32511203	5,77788227	9,39433791	0,002176566	0,01008601	protein_coding
ENSMUSG00000030760	Acer3	alkaline ceramidase 3 [Source:MGI Symbol;Acc:MGI:1913440]	31,6261066	-0,4062288	-1,32521716	4,98516836	8,00333044	0,004669139	0,019098182	protein_coding
ENSMUSG00000027854	Stk1e	suppressor of IKBKE 1 [Source:MGI Symbol;Acc:MGI:1913891]	44,56379604	-0,4062526	-1,32523902	5,47569349	8,47171321	0,003607115	0,015452677	protein_coding
ENSMUSG00000025375	Aatk	apoptosis-associated tyrosine kinase [Source:MGI Symbol;Acc:MGI:1197518]	24,56188993	-0,4064034	-1,32537753	4,60320684	6,82427236	0,008990428	0,033292158	protein_coding
ENSMUSG00000051864	Tbc1d22a	TBC1 domain family, member 22a [Source:MGI Symbol;Acc:MGI:1289265]	100,6624729	-0,4065304	-1,32549428	6,64930415	9,95486346	0,00160425	0,007757877	protein_coding
ENSMUSG00000054428	Atp1f1	ATPase inhibitory factor 1 [Source:MGI Symbol;Acc:MGI:1196457]	92,14933815	-0,4065523	-1,32551435	6,52383577	9,92487445	0,00163606	0,007871441	protein_coding
ENSMUSG00000028708	Mknk1	MAP kinase-interacting serine/threonine kinase 1 [Source:MGI Symbol;Acc:MGI:894316]	77,20399946	-0,4066334	-1,32558886	6,26968912	8,58278908	0,003393552	0,014667656	protein_coding
ENSMUSG00000059436	Max	Max protein [Source:MGI Symbol;Acc:MGI:96921]	82,00858345	-0,4069043	-1,32583378	6,35470356	9,6801602	0,001862694	0,008828864	protein_coding
ENSMUSG00000033454	Zbtb1	zinc finger and BTB domain containing 1 [Source:MGI Symbol;Acc:MGI:2442326]	52,40360191	-0,4070504	-1,3259721	5,70737834	8,66071962	0,003251429	0,014142299	protein_coding
ENSMUSG00000057229	Atp5f1	ATP5S-like [Source:MGI Symbol;Acc:MGI:1913599]	20,96126284	-0,4074796	-1,32636665	4,37448996	6,58605488	0,010278069	0,037256729	protein_coding
ENSMUSG00000029723	Tsc22d4	TSC22 domain family, member 4 [Source:MGI Symbol;Acc:MGI:1926079]	145,5111627	-0,4075686	-1,32644842	7,18250927	9,42157875	0,002144468	0,009962428	protein_coding
ENSMUSG00000025223	Ldb1	LIM domain binding 1 [Source:MGI Symbol;Acc:MGI:894762]	95,1703143	-0,4079767	-1,32682371	6,56844374	9,82819844	0,001718566	0,008257895	protein_coding
ENSMUSG00000016933	Plcg1	phospholipase C, gamma 1 [Source:MGI Symbol;Acc:MGI:97615]	24,97846408	-0,408132	-1,32696656	4,64088855	7,30662528	0,006870083	0,026521996	protein_coding
ENSMUSG00000020272	Stk10	serine/threonine kinase 10 [Source:MGI Symbol;Acc:MGI:1099439]	58,04614149	-0,4082665	-1,32709024	5,85164059	8,79270563	0,003024374	0,013318154	protein_coding
ENSMUSG00000022159	Rab2b	RAB2B, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:1923588]	23,65170982	-0,4083256	-1,32714467	4,55616865	5,98972188	0,014389471	0,048645267	protein_coding
ENSMUSG00000032299	Comm2d	COMM domain containing 4 [Source:MGI Symbol;Acc:MGI:1913449]	31,00951475	-0,4084729	-1,32728016	4,949405	7,49888052	0,006173736	0,024202212	protein_coding
ENSMUSG00000037013	Ss18	synovial sarcoma translocation, Chromosome 18 [Source:MGI Symbol;Acc:MGI:107708]	67,35283417	-0,4090716	-1,32783106	6,07351674	9,90896759	0,001644754	0,007932795	protein_coding
ENSMUSG00000040945	Rcc2	regulator of chromosome condensation 2 [Source:MGI Symbol;Acc:MGI:1919784]	202,5271949	-0,4093553	-1,32809215	7,66052859	8,68651547	0,003205729	0,013960105	protein_coding
ENSMUSG00000024663	Rab31l1	RAB3A interacting protein (rab33)-like 1 [Source:MGI Symbol;Acc:MGI:1922010]	193,1042331	-0,4094384	-1,32816873	7,59922689	8,13210372	0,004348826	0,010303222	protein_coding
ENSMUSG00000029142	Mrp133	mitochondrial ribosomal protein L33 [Source:MGI Symbol;Acc:MGI:2137225]	30,66283384	-0,4104619	-1,32911124	4,93451444	8,18403559	0,004226064	0,017594454	protein_coding
ENSMUSG00000007880	Arid1a	AT rich interactive domain 1A (SWI-like) [Source:MGI Symbol;Acc:MGI:1935147]	218,8147433	-0,4110969	-1,32969646	7,77300064	8,40227227	0,003747523	0,015977506	protein_coding
ENSMUSG00000045410	Akr1e1	aldo-keto reductase family 1, member E1 [Source:MGI Symbol;Acc:MGI:1914758]	43,65784052	-0,4111205	-1,32971812	5,4494195	8,97454173	0,002737672	0,015217224	protein_coding
ENSMUSG00000073491	Pydc4	pyrin domain containing 4 [Source:MGI Symbol;Acc:MGI:3695276]	19,22798444	-0,4116822	-1,33023577	4,27096847	6,5763589	0,010334207	0,037386216	protein_coding
ENSMUSG00000021785	Ngly1	N-glycanase 1 [Source:MGI Symbol;Acc:MGI:1913276]	27,17700714	-0,4118272	-1,3303697	4,76278147	6,96414586	0,008315912	0,031108929	protein_coding
ENSMUSG00000037573	Tob1	transducer of ErbB-2.1 [Source:MGI Symbol;Acc:MGI:1349721]	29,24031264	-0,4118924	-1,33042978	4,86313416	8,11516423	0,00438965	0,018131233	protein_coding
ENSMUSG00000003423	Phi1d1	PIH1 domain containing 1 [Source:MGI Symbol;Acc:MGI:1916095]	36,16687186	-0,4121714	-1,33068708	5,17036487	6,86832666	0,008773677	0,032555348	protein_coding
ENSMUSG00000055720	Ubl7	ubiquitin-like 7 (bone marrow stromal cell-derived) [Source:MGI Symbol;Acc:MGI:1916709]	52,36271798	-0,4139565	-1,33233466	5,70554424	8,71321499	0,003159116	0,013788604	protein_coding
ENSMUSG00000040651	D14Abb1e	DNA segment, Chr 14, Abbott 1 expressed [Source:MGI Symbol;Acc:MGI:1921694]	42,89133097	-0,4142024	-1,33256324	5,41762129	7,64292093	0,005699555	0,022631373	protein_coding
ENSMUSG00000025040	Fundc1	FUN14 domain containing 1 [Source:MGI Symbol;Acc:MGI:1919268]	41,57366115	-0,4142246	-1,33258229	5,37210828	8,71312651	0,003159269	0,013788604	protein_coding
ENSMUSG00000047676	Rpsa-ps10	ribosomal protein SA, pseudogene 10 [Source:MGI Symbol;Acc:MGI:3704228]	132,9633068	-0,4143394	-1,33268827	7,05701188	7,62346368	0,005761373	0,022843812	protein_coding
ENSMUSG00000021427	Ssr1	signal sequence receptor, alpha [Source:MGI Symbol;Acc:MGI:105082]	156,3062375	-0,4145412	-1,33287472	7,28775753	9,26753736	0,002332511	0,010686947	protein_coding
ENSMUSG00000061758	Akr1b10	aldo-keto reductase family 1, member B10 (aldose reductase) [Source:MGI Symbol;Acc:MGI:1915111]	50,9239701	-0,4146903	-1,33301247	5,67060674	9,48863423	0,002067487	0,009637453	protein_coding
ENSMUSG00000040410	Fbx4	F-box and leucine-rich repeat protein 4 [Source:MGI Symbol;Acc:MGI:2140367]	19,50445402	-0,414806	-1,33311943	4,2752907	6,25549998	0,01238083	0,043156148	protein_coding
ENSMUSG00000038502	Ptov1	prostate tumor over expressed gene 1 [Source:MGI Symbol;Acc:MGI:1933946]	75,28013324	-0,4155234	-1,3337825	6,22927713	9,04164714	0,002638978	0,011848977	protein_coding
ENSMUSG00000039879	Heca	headcase homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2685715]	35,03650577	-0,415628	-1,33381894	5,13400845	7,7491983	0,005373639	0,021539647	protein_coding
ENSMUSG00000042548	Asx1l	additional sex combs like 1 [Source:MGI Symbol;Acc:MGI:2684063]	116,7503884	-0,4157152	-1,33395985	6,86694532	9,66072384	0,001882494	0,008899727	protein_coding
ENSMUSG00000020575	Nbas	neuroblastoma amplified sequence [Source:MGI Symbol;Acc:MGI:1918419]	26,04267873	-0,4165188	-1,33470307	4,70202704	8,00605605	0,004662117	0,019094576	protein_coding
ENSMUSG00000026277	Stk25	serine/threonine kinase 25 (yeast) [Source:MGI Symbol;Acc:MGI:1891699]	72,24536159	-0,4168285	-1,3349896	6,17254027	8,89231771	0,00286373	0,012702382	protein_coding
ENSMUSG00000006299	Aamp	angio-associated migratory protein [Source:MGI Symbol;Acc:MGI:107809]	179,5883986	-0,4170211	-1,33516783	7,48703855	9,04931393	0,002627934	0,011809044	protein_coding
ENSMUSG00000020640	Itsn2	intersectin 2 [Source:MGI Symbol;Acc:MGI:1338049]	178,3687193	-0,417277	-1,33540466	7,47871046	9,6624034	0,001880774	0,008895422	protein_coding
ENSMUSG00000061331	Gm17132	predicted gene 17132 [Source:MGI Symbol;Acc:MGI:4937959]	31,93929853	-0,4175145	-1,33562453	4,98664695	7,41574863	0,006465541	0,025181459	pseudogene
ENSMUSG00000025937	Lactb2	lactamase, beta 2 [Source:MGI Symbol;Acc:MGI:2442551]	51,19152195	-0,4178154	-1,33590311	5,67145017	7,96348468	0,004773043	0,019444356	protein_coding
ENSMUSG00000003746	Man1a	mannosidase 1, alpha [Source:MGI Symbol;Acc:MGI:104677]	140,1181358	-0,4178544	-1,33593925	7,12788358	10,1171013	0,001468999	0,007170096	protein_coding
ENSMUSG00000014426	Map3k4	mitogen-activated protein kinase kinase 4 [Source:MGI Symbol;Acc:MGI:1346875]	28,70694267	-0,4181084	-1,33617449	4,8396266	7,51185173	0,006129432	0,024051455	protein_coding
ENSMUSG00000027108	Ola1	Obg-like ATPase 1 [Source:MGI Symbol;Acc:MGI:1914309]	73,58860328	-0,418152	-1,33621487	6,20087531	10,6375293	0,001108156	0,005605577	protein_coding
ENSMUSG00000036622	Atp13a2	ATPase type 13A2 [Source:MGI Symbol;Acc:MGI:1922022]	538,308573	-0,4181996	-1,33625898	9,071598	6,03395088	0,014033289	0,047646397	protein_coding
ENSMUSG00000085438	170002014Rk	Riken cDNA 170002014 gene [Source:MGI Symbol;Acc:MGI:1913852]	107,4395342	-0,4184402	-1,33648182	6,74343482	10,09043	0,001490413	0,007258497	lincRNA
ENSMUSG00000050628	Fam01100b	family with sequence similarity 100, member B [Source:MGI Symbol;Acc:MGI:1914635]	30,16792146	-0,4191799	-1,33716723	4,92046507	7,40149654	0,006516964	0,025349715	protein_coding
ENSMUSG00000024219	Anks1	ankyrin repeat and SAM domain containing 1 [Source:MGI Symbol;Acc:MGI:2446180]	110,5701042	-0,4192155	-1,33720021	6,78825038	8,51465728	0,003522973	0,015149417	protein_coding
ENSMUSG00000034616	Ssh3	slingshot homolog 3 (Drosophila) [Source:MGI Symbol;Acc:MGI:2683546]	128,3295565	-0,4192446	-1,33720869	7,00098133	8,85062572	0,002929884	0,01293836	protein_coding
ENSMUSG00000030083	Abt1	ankyrin repeat and BTB (POZ) domain containing 1 [Source:MGI Symbol;Acc:MGI:1933148]	19,69115537	-0,4193279	-1,33730438	4,28614502	6,14188731	0,013201634	0,045426354	protein_coding
ENSMUSG00000039704	Lmbrd2	LMBR1 domain containing 2 [Source:MGI Symbol;Acc:MGI:2444173]	35,25691374	-0,4201314	-1,33804944	5,13805162	9,09607986	0,002561579	0,011548655	protein_coding
ENSMUSG00000010205	Raver1	ribonucleoprotein, PTB-binding 1 [Source:MGI Symbol;Acc:MGI:1919016]	115,4056475	-0,4201987	-1,33811181	6,84848238	10,4323501	0,001238271	0,006167217	protein_coding
ENSMUSG00000090946	Cdc471l	coiled-coil domain containing 71 like [Source:MGI Symbol;Acc:MGI:1919373]	73,60698587	-0,4202808	-1,33818801	6,2008373	8,79128547	0,003026729	0,013323186	protein_coding
ENSMUSG00000035443	Thyn1	thymocyte nuclear protein 1 [Source:MGI Symbol;Acc:MGI:1925112]	35,48821724	-0,4204589	-1,33835324	5,1466881	8,43230962	0,003686118	0,015770788	protein_coding
ENSMUSG00000022678	Nde1	nuclear distribution gene E homolog 1 (A nidulans) [Source:MGI Symbol;Acc:MGI:1914453]	62,76438586	-0,4208419	-1,33770854	5,96830646	10,1414299	0,001449937	0,007091833	protein_coding
ENSMUSG00000020009	Ifngr1	interferon gamma receptor 1 [Source:MGI Symbol;Acc:MGI:107655]	78,30300532	-0,4212615	-1,33909795	6,28837266	10,1447031	0,001447165	0,007082405	protein_coding

ENSMUSG00000036246	Gmip	Gem-interacting protein [Source:MGI Symbol;Acc:MGI:1926066]	Sheet1	262,4538713	-0,4263822	-1,34385936	8,03511931	8,75483128	0,003087829	0,013554128	protein_coding
ENSMUSG00000031969	Acad8	acyl-Coenzyme A dehydrogenase family, member 8 [Source:MGI Symbol;Acc:MGI:1914198]		27,87249773	-0,4264231	-1,34389747	4,79667078	7,97492347	0,004742976	0,019359679	protein_coding
ENSMUSG00000029992	Gfpt1	glutamine fructose-6-phosphate transaminase 1 [Source:MGI Symbol;Acc:MGI:95698]		100,6965982	-0,4264936	-1,34396321	6,6519745	9,68947517	0,001853265	0,008799403	protein_coding
ENSMUSG00000050732	Vamp8	vesicle-associated membrane protein 8 [Source:MGI Symbol;Acc:MGI:1336882]		159,0479994	-0,4271104	-1,34453196	7,31229655	9,39062407	0,00218098	0,011020221	protein_coding
ENSMUSG00000022089	Bin3	bridging integrator 3 [Source:MGI Symbol;Acc:MGI:1929883]		65,49638917	-0,4275193	-1,34491906	6,03067767	9,11982461	0,002528542	0,01141376	protein_coding
ENSMUSG00000002222	Rmnd5a	required for meiotic nuclear division 5 homolog A (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1915727]		86,71013786	-0,4276059	-1,34499971	6,43716035	9,56601715	0,001982123	0,009294746	protein_coding
ENSMUSG00000036099	Vezt	vezatin, adherens junctions transmembrane protein [Source:MGI Symbol;Acc:MGI:2143698]		61,98112375	-0,4277032	-1,34509041	5,95258075	10,0375503	0,00153381	0,007456626	protein_coding
ENSMUSG00000028633	Ctps	cytidine 5'-triphosphate synthase [Source:MGI Symbol;Acc:MGI:1858304]		18,62458176	-0,4282265	-1,34561203	4,23744251	6,75248698	0,00936171	0,034400372	protein_coding
ENSMUSG00000066551	Hmgb1	high mobility group box 1 [Source:MGI Symbol;Acc:MGI:96113]		93,00869313	-0,4283091	-1,34565546	5,53962162	10,7620395	0,001036032	0,005291901	protein_coding
ENSMUSG00000048930	Tada3	transcriptional adaptor 3 [Source:MGI Symbol;Acc:MGI:1915724]		31,90144321	-0,4283869	-1,34572803	4,98470225	8,3066002	0,003950126	0,016628367	protein_coding
ENSMUSG00000019139	Isn1	myo-inositol 1-phosphate synthase A1 [Source:MGI Symbol;Acc:MGI:1919030]		66,70000178	-0,4283888	-1,34572984	6,05809145	10,3678708	0,001282273	0,006351821	protein_coding
ENSMUSG00000031029	Eif3f	eukaryotic translation initiation factor 3, subunit F [Source:MGI Symbol;Acc:MGI:1913335]		196,4821931	-0,4292038	-1,34649029	7,61634946	9,18426088	0,002441051	0,011105518	protein_coding
ENSMUSG00000022770	Dlg1	discs, large homolog 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:107231]		78,44859916	-0,4294196	-1,3466917	6,2924702	11,0078321	0,009097277	0,004722052	protein_coding
ENSMUSG00000047694	Yip6	Yip1 domain family, member 6 [Source:MGI Symbol;Acc:MGI:1925179]		60,85214873	-0,4301556	-1,3473789	5,92577906	10,509964	0,001187326	0,005937709	protein_coding
ENSMUSG00000032440	Tgfr2	transforming growth factor, beta receptor II [Source:MGI Symbol;Acc:MGI:98729]		183,8363866	-0,4302702	-1,34748594	7,52193286	9,24279405	0,002364233	0,010814279	protein_coding
ENSMUSG00000003062	Stard3n1	STAR3D N-terminal like [Source:MGI Symbol;Acc:MGI:1923455]		58,92507538	-0,4302972	-1,34751112	5,87755954	8,78340472	0,003039833	0,013375508	protein_coding
ENSMUSG00000039685	Myo9a	myosin IXa [Source:MGI Symbol;Acc:MGI:107735]		57,94075976	-0,4303599	-1,34756966	5,85328686	10,3543897	0,001291672	0,006392611	protein_coding
ENSMUSG00000056612	Ppp1r14b	protein phosphatase 1, regulatory (inhibitor) subunit 14B [Source:MGI Symbol;Acc:MGI:107682]		114,6205036	-0,4306985	-1,34788605	6,83816752	10,1086952	0,001475714	0,007196448	protein_coding
ENSMUSG00000027248	Pdia3	protein disulfide isomerase associated 3 [Source:MGI Symbol;Acc:MGI:95834]		584,1991318	-0,4307655	-1,34794486	9,19038679	6,46982669	0,010972123	0,039165275	protein_coding
ENSMUSG00000042423	Fbrs	fibrinogen [Source:MGI Symbol;Acc:MGI:104648]		115,32281	-0,4311154	-1,34831168	6,8467435	9,82781635	0,001718923	0,008257895	protein_coding
ENSMUSG00000025130	P4hb	prolyl 4-hydroxylase, beta polypeptide [Source:MGI Symbol;Acc:MGI:97464]		475,4980739	-0,4312129	-1,34836673	8,89322072	6,56532466	0,010398477	0,037544549	protein_coding
ENSMUSG00000022858	Tra2b	transformer 2 beta homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:106016]		90,01492342	-0,4314812	-1,34861746	6,55679991	10,6158651	0,001121215	0,005658607	protein_coding
ENSMUSG00000070343	Gm10288	predicted gene 10288 [Source:MGI Symbol;Acc:MGI:3704227]		219,429066	-0,4321109	-1,34920623	7,77693222	8,69867708	0,003184411	0,013878271	protein_coding
ENSMUSG00000002603	Tgfb1	transforming growth factor, beta 1 [Source:MGI Symbol;Acc:MGI:98725]		368,8585296	-0,4323434	-1,34942367	8,52643533	8,0044905	0,004666149	0,010908154	protein_coding
ENSMUSG00000059883	Irak4	interleukin-1 receptor-associated kinase 4 [Source:MGI Symbol;Acc:MGI:2182474]		51,46124951	-0,4327079	-1,34976469	5,68046809	9,72685276	0,001815952	0,008663422	protein_coding
ENSMUSG00000070394	1810027010Rik	RIKEN cDNA 1810027010 gene [Source:MGI Symbol;Acc:MGI:1916436]		53,5267531	-0,4328381	-1,34988653	5,74166748	9,72364787	0,001819121	0,008667252	protein_coding
ENSMUSG00000038387	Rras	Harvey rat sarcoma oncogene, subgroup R [Source:MGI Symbol;Acc:MGI:98179]		76,51945334	-0,433064	-1,35009785	6,25481759	8,27797497	0,004012886	0,016860259	protein_coding
ENSMUSG00000045767	B230219D22Rik	RIKEN cDNA B230219D22 gene [Source:MGI Symbol;Acc:MGI:1925771]		87,05464088	-0,4338315	-1,35081635	6,44397272	11,3792851	0,000742677	0,003976507	protein_coding
ENSMUSG00000073423	Zfp414	zinc finger protein 414 [Source:MGI Symbol;Acc:MGI:1915641]		19,86441375	-0,4347304	-1,35165819	4,30199745	6,98125406	0,008236787	0,030886546	protein_coding
ENSMUSG00000017337	Tia1	cytotoxic granule-associated RNA binding protein 1 [Source:MGI Symbol;Acc:MGI:107914]		34,63489202	-0,4348631	-1,35178255	5,10473397	9,0130562	0,002680578	0,011996543	protein_coding
ENSMUSG00000030059	Tmf1	TATA element modulatory factor 1 [Source:MGI Symbol;Acc:MGI:2684999]		82,14328903	-0,4361097	-1,35295107	6,35740243	11,8822669	0,000566709	0,00312729	protein_coding
ENSMUSG00000027787	Nmd3	NMD3 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2140103]		49,61336415	-0,4363586	-1,35318455	6,62286764	11,5296061	0,000684965	0,003698139	protein_coding
ENSMUSG00000062647	Rpl7a	ribosomal protein L7A [Source:MGI Symbol;Acc:MGI:1353472]		57,13711551	-0,4367937	-1,3535927	8,88028396	7,03266576	0,008033613	0,030185171	protein_coding
ENSMUSG00000021033	Gstz1	glutathione transferase zeta 1 (maleylacetate isomerase) [Source:MGI Symbol;Acc:MGI:1341859]		19,88877751	-0,4371602	-1,35393664	4,31442955	7,05583891	0,00790073	0,029850523	protein_coding
ENSMUSG00000032026	Rexo2	REX2, RNA exonuclease 2 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1888981]		82,19606685	-0,4373212	-1,35408771	6,35934249	11,0556234	0,000884186	0,004617183	protein_coding
ENSMUSG00000070003	Ssbp4	single stranded DNA binding protein 4 [Source:MGI Symbol;Acc:MGI:1924150]		105,8167932	-0,4378604	-1,35459393	6,72227753	11,26766	0,000788691	0,004186158	protein_coding
ENSMUSG00000063077	Kif1b	kinesin family member 1B [Source:MGI Symbol;Acc:MGI:108426]		143,9767792	-0,43808	-1,35480012	7,17118051	10,7782899	0,001026975	0,005252969	protein_coding
ENSMUSG00000045411	2410002F23Rik	RIKEN cDNA 2410002F23 gene [Source:MGI Symbol;Acc:MGI:1914226]		31,74898048	-0,4384018	-1,35510237	4,97831747	8,39457055	0,003763434	0,016031859	protein_coding
ENSMUSG00000027900	Dram2	DNA-damage regulated autophagy modulator 2 [Source:MGI Symbol;Acc:MGI:1914421]		133,5429447	-0,4389057	-1,35557574	7,06008484	11,152305	0,000839273	0,004403469	protein_coding
ENSMUSG00000022617	Chkb	choline kinase beta [Source:MGI Symbol;Acc:MGI:1328313]		54,35076881	-0,4392131	-1,35586459	5,75757832	9,66355691	0,001879593	0,008893666	protein_coding
ENSMUSG00000097695				295,0343698	-0,4397572	-1,35637607	8,20390925	8,07648443	0,004484336	0,018473715	lincRNA
ENSMUSG00000040952	Rps19	ribosomal protein S19 [Source:MGI Symbol;Acc:MGI:1333780]		440,4641451	-0,4400088	-1,35668709	8,78232579	7,6282649	0,005746056	0,022799535	protein_coding
ENSMUSG00000039234	Sec24d	Sec24 related gene family, member D (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1916858]		94,63645735	-0,4406474	-1,35721327	6,56612006	11,5387003	0,006861623	0,003683713	protein_coding
ENSMUSG00000057036	Gm7536	predicted gene 7536 [Source:MGI Symbol;Acc:MGI:3645137]		465,6081088	-0,4406708	-1,3572325	8,6824885	7,26529779	0,007029981	0,027034716	protein_coding
ENSMUSG00000035545	Leng8	leukocyte receptor cluster (LRC) member 8 [Source:MGI Symbol;Acc:MGI:2142195]		213,0918913	-0,4418688	-1,35836274	7,73254034	6,62907022	0,003308404	0,014361689	protein_coding
ENSMUSG00000032812	Arap1	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 [Source:MGI Symbol;Acc:MGI:1916960]		631,4288242	-0,4426021	-1,35907036	9,3022247	8,53144994	0,010598353	0,038140879	protein_coding
ENSMUSG00000028745	Capz2	capping protein (actin filament) muscle Z-line, beta [Source:MGI Symbol;Acc:MGI:104652]		511,087109	-0,4427713	-1,35921272	8,99729124	7,08820294	0,007759301	0,029386917	protein_coding
ENSMUSG00000039725	2810408M09Rik	RIKEN cDNA 2810408M09 gene [Source:MGI Symbol;Acc:MGI:1918294]		100,5113088	-0,4430869	-1,35951013	6,65281598	12,555857	0,000394966	0,002284379	protein_coding
ENSMUSG00000027357	Crls1	cardiolipin synthase 1 [Source:MGI Symbol;Acc:MGI:1913836]		28,68165772	-0,4431616	-1,35958057	4,83507003	8,03735746	0,004582233	0,018827599	protein_coding
ENSMUSG00000045752	Tssc4	tumor-suppressing subchromosomal transferable fragment 4 [Source:MGI Symbol;Acc:MGI:1861712]		19,41194266	-0,4445591	-1,36089816	4,26771136	7,24363302	0,007115286	0,002729567	protein_coding
ENSMUSG00000026395	Ptpcr	protein tyrosine phosphatase, receptor type, C [Source:MGI Symbol;Acc:MGI:97810]		628,0677518	-0,4446173	-1,3609531	9,29464068	6,7677501	0,009281967	0,034153039	protein_coding
ENSMUSG00000041313	Slc7a1	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1 [Source:MGI Symbol;Acc:MGI:88117]		68,7540206	-0,4454048	-1,36169614	6,09879642	8,36936544	0,003815988	0,016180786	protein_coding
ENSMUSG00000034007	Scaper	S phase cyclin A-associated protein in the ER [Source:MGI Symbol;Acc:MGI:1925976]		19,86731769	-0,4457138	-1,36187583	4,31141748	7,67840186	0,005588564	0,022729228	protein_coding
ENSMUSG00000034673	Pbx2	PBX2, homeobox 2 [Source:MGI Symbol;Acc:MGI:1341793]		76,96898154	-0,4460083	-1,3626585	6,26271925	9,70708928	0,001835585	0,008730552	protein_coding
ENSMUSG00000044952	Kctd21	potassium channel tetramerisation domain containing 21 [Source:MGI Symbol;Acc:MGI:3643121]		16,70127666	-0,446286	-1,36252815	4,05477765	6,55207961	0,010476164	0,037750612	protein_coding
ENSMUSG00000020107	Anapc16	anaphase promoting complex subunit 16 [Source:MGI Symbol;Acc:MGI:1289325]		36,25759062	-0,4467303	-1,36294776	5,17185861	9,47477385	0,002083166	0,009702306	protein_coding
ENSMUSG00000027523	Gnas	GNAS (guanine nucleotide binding protein, alpha stimulating) complex locus [Source:MGI Symbol;Acc:MGI:95777]		793,8724213	-0,4468571	-1,36306758	9,63256133	5,97338176	0,014523402	0,048977478	protein_coding
ENSMUSG00000024401	Tnf	tumor necrosis factor [Source:MGI Symbol;Acc:MGI:104798]		180,4077834	-0,4469171	-1,3631243	7,49724402	10,5165834	0,00118308	0,005921869	protein_coding
ENSMUSG00000001065	Zfp276	zinc finger protein (C2H2 type) 276 [Source:MGI Symbol;Acc:MGI:1888495]		32,17245633	-0,4470324	-1,36323323	4,99463024	8,81936306	0,002980507	0,013147669	protein_coding
ENSMUSG00000031165	Was	Wiskott-Aldrich syndrome homolog (human) [Source:MGI Symbol;Acc:MGI:105059]		90,669966	-0,4474232	-1,36360255	6,49866314	10,1335168	0,001455974	0,007113542	protein_coding
ENSMUSG00000033720	Sfnx5	sideroflexin 5 [Source:MGI Symbol;Acc:MGI:2137681]		57,37918024	-0,4478955	-1,36404905	5,83968954	9,03437549	0,002649496	0,011876788	protein_coding
ENSMUSG00000040296	Ddx58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58 [Source:MGI Symbol;Acc:MGI:2442858]		160,0011713	-0,4482427	-1,3643773	7,32168136	11,500862	0,00695639	0,003746563	protein_coding
ENSMUSG00000000282	Mnt	max binding protein [Source:MGI Symbol;Acc:MGI:109150]		67,43161327	-0,4488825	-1,36479333	6,0685163	11,0852835	0,000870155	0,004554738	protein_coding
ENSMUSG00000078853	Igtp	interferon gamma induced GTPase [Source:MGI Symbol;Acc:MGI:107729]		76,55026159	-0,4488133	-1,36491705	6,25991316	10,4952151	0,001196841	0,005982571	protein_coding
ENSMUSG00000024158	Hagh	hydroxyacyl glutathione hydrolase [Source:MGI Symbol;Acc:MGI:95745]		21,48720337	-0,449082	-1,36517131	4,41961861	8,04741185	0,004556871	0,018730393	protein_coding
ENSMUSG00000038671	Arfp1	ADP-ribosylation factor related protein 1 [Source:MGI Symbol;Acc:MGI:1923938]		33,35282023	-0,4495298	-1,36559508	5,05669394	8,53665503	0,003480647	0,015008582	protein_coding
ENSMUSG00000074129	Rpl13a	ribosomal protein L13A [Source:MGI Symbol;Acc:MGI:1351455]									

ENSMUSG0000022364	Wdr67	WD repeat domain 67 [Source:MGI Symbol;Acc:MGI:2684931]	Sheet1	33,11974255	-0,4506008	-1,36660925	5,03950999	9,74953055	0,001793685	0,008579547	protein_coding
ENSMUSG0000060477	Irak2	interleukin-1 receptor-associated kinase 2 [Source:MGI Symbol;Acc:MGI:2429603]		134,3090028	-0,4508391	-1,36683499	7,0700351	11,6169529	0,000653534	0,003545865	protein_coding
ENSMUSG0000024937	Ehbp111	EH domain binding protein 1-like 1 [Source:MGI Symbol;Acc:MGI:3612340]		507,6719955	-0,4515371	-1,3674965	8,98723447	7,07868653	0,007800617	0,02953321	protein_coding
ENSMUSG0000033068	Entpd6	ectonucleoside triphosphate diphosphohydrolase 6 [Source:MGI Symbol;Acc:MGI:1202295]		30,66926812	-0,4521829	-1,36810874	4,93380576	9,453121008	0,001110098	0,00981942	protein_coding
ENSMUSG0000028719	Cmpk1	cytidine monophosphate (UMP-CMP) kinase 1 [Source:MGI Symbol;Acc:MGI:1913838]		179,5066723	-0,4523938	-1,36830875	7,48845994	11,7303414	0,000614893	0,00336111	protein_coding
ENSMUSG0000000552	Zfp385a	zinc finger protein 385A [Source:MGI Symbol;Acc:MGI:1352495]		83,27853319	-0,4524575	-1,36836918	6,37390332	12,6774233	0,000370097	0,002115831	protein_coding
ENSMUSG0000037752	Xkr8	X Kell blood group precursor related family member 8 homolog [Source:MGI Symbol;Acc:MGI:2685877]		16,9755442	-0,4525444	-1,36845159	4,08609941	6,17048651	0,012989888	0,04489459	protein_coding
ENSMUSG0000090841	Myf6	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle [Source:MGI Symbol;Acc:MGI:109318]		549,2295102	-0,4528674	-1,36875804	9,10112448	7,25461242	0,007071913	0,027158026	protein_coding
ENSMUSG0000041417	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha) [Source:MGI Symbol;Acc:MGI:97583]		169,1184768	-0,4530111	-1,36889422	7,40090909	11,2540145	0,00079451	0,004209367	protein_coding
ENSMUSG0000028382	Rod1	ROD1 regulator of differentiation 1 (S. pombe) [Source:MGI Symbol;Acc:MGI:1923334]		464,3946249	-0,4531489	-1,36902513	8,85913538	7,4077883	0,006493869	0,025273873	protein_coding
ENSMUSG0000043483	Gm6863	predicted gene 6863 [Source:MGI Symbol;Acc:MGI:3647386]		82,96652313	-0,4535514	-1,36940707	6,37319885	10,5713385	0,001148545	0,005772675	accessed_pseudogen
ENSMUSG0000056131	Pgm3	phosphoglucomutase 3 [Source:MGI Symbol;Acc:MGI:97566]		17,44652427	-0,4539578	-1,36979295	4,12025345	6,5569657	0,010447436	0,037694682	protein_coding
ENSMUSG0000021886	Gpr65	G-protein coupled receptor 65 [Source:MGI Symbol;Acc:MGI:108031]		32,56854817	-0,4544236	-1,37023527	5,02573249	8,87548817	0,002890249	0,01280967	protein_coding
ENSMUSG0000021936	Mapk8	mitogen-activated protein kinase 8 [Source:MGI Symbol;Acc:MGI:1346861]		17,77924645	-0,4551706	-1,37094496	4,15133558	7,55077478	0,005998428	0,023630235	protein_coding
ENSMUSG0000028161	Ppp3ca	protein phosphatase 3, catalytic subunit, alpha isoform [Source:MGI Symbol;Acc:MGI:107164]		119,0859803	-0,4553105	-1,37107787	6,89332717	12,3990163	0,00042956	0,002453002	protein_coding
ENSMUSG0000047735	Samd9l	sterile alpha motif domain containing 9-like [Source:MGI Symbol;Acc:MGI:1343184]		155,8900315	-0,4555885	-1,37134208	7,28299321	12,0684929	0,000512811	0,002868767	protein_coding
ENSMUSG0000033909	Usp36	ubiquitin specific peptidase 36 [Source:MGI Symbol;Acc:MGI:1919594]		63,86377762	-0,4558755	-1,37161495	5,99395255	10,7265600	0,00506634	0,002632121	protein_coding
ENSMUSG0000040158	Tax1bp3	Tax1 (human T cell leukemia virus type I) binding protein 3 [Source:MGI Symbol;Acc:MGI:1923531]		42,38773268	-0,4560611	-1,37179134	5,40525509	10,0157164	0,0015521	0,007532211	protein_coding
ENSMUSG0000073481	Mosc2	MOCO sulphurase C-terminal domain containing 2 [Source:MGI Symbol;Acc:MGI:1914497]		50,69417094	-0,4562623	-1,37198267	5,65773618	10,6358241	0,001109178	0,005608166	protein_coding
ENSMUSG0000021000	Ctage5	CTAGE family, member 5 [Source:MGI Symbol;Acc:MGI:1346056]		127,2573635	-0,4567829	-1,37247793	6,99021945	11,2221934	0,000808249	0,00427963	protein_coding
ENSMUSG0000039621	Prex1	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 [Source:MGI Symbol;Acc:MGI:3040696]		773,9917972	-0,4575375	-1,37319595	9,59598957	6,22627259	0,012583643	0,04372438	protein_coding
ENSMUSG0000028452	Vcp	valosin containing protein [Source:MGI Symbol;Acc:MGI:99919]		140,2108338	-0,4575553	-1,37321072	9,53179826	6,52902136	0,010612833	0,038180483	protein_coding
ENSMUSG0000005774	Rfx5	regulatory factor X, 5 (influences HLA class II expression) [Source:MGI Symbol;Acc:MGI:1858421]		18,99715303	-0,4576753	-1,37332716	4,23811208	6,75585718	0,009344045	0,03434694	protein_coding
ENSMUSG0000074064	Mlycd	malonyl-CoA decarboxylase [Source:MGI Symbol;Acc:MGI:1928485]		18,51305617	-0,4581249	-1,37375512	4,19728565	7,52922222	0,006070611	0,023880345	protein_coding
ENSMUSG00000020133	2310011J03Rik	RIKEN cDNA 2310011J03 gene [Source:MGI Symbol;Acc:MGI:1913624]		65,92131922	-0,4586306	-1,37423679	6,03687863	10,8600751	0,000982597	0,005063693	protein_coding
ENSMUSG0000029196	Tada2b	transcriptional adaptor 2B [Source:MGI Symbol;Acc:MGI:3035274]		21,89416441	-0,4595753	-1,37513697	4,44697092	7,11483454	0,007644866	0,028983486	protein_coding
ENSMUSG0000028149	Rap1gds1	RAP1, GTP-GDP dissociation stimulator 1 [Source:MGI Symbol;Acc:MGI:2385189]		213,8384662	-0,4596244	-1,37518376	7,7407005	10,46242	0,001218276	0,006081416	protein_coding
ENSMUSG0000030680	2900092E17Rik	RIKEN cDNA 2900092E17 gene [Source:MGI Symbol;Acc:MGI:1914528]		19,01101093	-0,4597398	-1,3752938	4,23207863	7,18978146	0,007331991	0,027990474	protein_coding
ENSMUSG00000019849	Prep	prolyl endopeptidase [Source:MGI Symbol;Acc:MGI:1270863]		99,65238298	-0,4600017	-1,3755434	6,63887056	12,2012541	0,0004477574	0,002701908	protein_coding
ENSMUSG0000025007	Aldh18a1	aldehyde dehydrogenase 18 family, member A1 [Source:MGI Symbol;Acc:MGI:1888908]		36,04045882	-0,4613019	-1,37678369	5,16221804	8,22052521	0,004141921	0,017309733	protein_coding
ENSMUSG0000024750	Zfand5	zinc finger, AN1-type domain 5 [Source:MGI Symbol;Acc:MGI:1278334]		367,6366097	-0,4626261	-1,37804794	8,5221211	8,7269212	0,003135455	0,013719333	protein_coding
ENSMUSG0000086784	Isoe2a	isochorismatase domain containing 2a [Source:MGI Symbol;Acc:MGI:3609243]		23,93464479	-0,4630466	-1,37844972	4,57717065	8,85172904	0,002928114	0,01293574	protein_coding
ENSMUSG0000037443	Ccdc21	coiled-coil domain containing 21 [Source:MGI Symbol;Acc:MGI:1912726]		37,74437063	-0,463234	-1,3786287	5,2350742	10,2871194	0,001339621	0,006609076	protein_coding
ENSMUSG0000060376	Bckdh1	branched chain ketoacid dehydrogenase E1, alpha polypeptide [Source:MGI Symbol;Acc:MGI:107701]		37,87431664	-0,4633532	-1,37874267	5,22916888	11,0095257	0,000906448	0,004719975	protein_coding
ENSMUSG0000038056	Mli3	myeloid/lymphoid or mixed-lineage leukemia 3 [Source:MGI Symbol;Acc:MGI:2444959]		103,0845796	-0,4633796	-1,37876786	6,68592628	13,6266241	0,000223	0,001376464	protein_coding
ENSMUSG0000064345	mt-Nd2	mitochondrially encoded NADH dehydrogenase 2 [Source:MGI Symbol;Acc:MGI:102500]		683,1521599	-0,4636851	-1,37905989	9,41612422	7,12394947	0,007606097	0,028865439	protein_coding
ENSMUSG0000061838	Succl2g	succinate-Coenzyme A ligase, GDP-forming, beta subunit [Source:MGI Symbol;Acc:MGI:1306824]		26,69015199	-0,4639187	-1,37923321	4,73891017	9,54566863	0,002004218	0,009386336	protein_coding
ENSMUSG0000066258	Trim12a	tripartite motif-containing 12A [Source:MGI Symbol;Acc:MGI:1923931]		38,61280576	-0,4642929	-1,37964101	5,26325902	10,8279263	0,00099806	0,005133114	protein_coding
ENSMUSG0000039048	Foxred1	FAD-dependent oxidoreductase domain containing 1 [Source:MGI Symbol;Acc:MGI:2446262]		29,52231732	-0,4645773	-1,37991303	4,87387629	8,66288387	0,003247569	0,014131106	protein_coding
ENSMUSG0000035967	Ddx26b	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B [Source:MGI Symbol;Acc:MGI:2442593]		89,07822926	-0,4646145	-1,37994856	6,47183092	12,4276535	0,000423023	0,002419445	protein_coding
ENSMUSG0000031839	Hspb1	heat shock factor binding protein 1 [Source:MGI Symbol;Acc:MGI:1915446]		197,7740552	-0,4670069	-1,38223881	7,6278142	9,4265924	0,002138613	0,009943691	protein_coding
ENSMUSG0000001175	Calm1	calmodulin 1 [Source:MGI Symbol;Acc:MGI:88251]		881,5939263	-0,4677523	-1,38295319	9,78395617	6,3452805	0,0117694	0,041578905	protein_coding
ENSMUSG0000090247	Bloc1s1	biogenesis of lysosome-related organelles complex-1, subunit 1 [Source:MGI Symbol;Acc:MGI:1195276]		30,59543968	-0,4684822	-1,38365299	4,92810703	7,93920152	0,004837518	0,019641921	protein_coding
ENSMUSG0000033705	Stard9	START domain containing 9 [Source:MGI Symbol;Acc:MGI:3045258]		165,0108563	-0,4685551	-1,38372295	7,36430497	12,702086	0,000365248	0,002133428	protein_coding
ENSMUSG0000021830	Txndc16	thioredoxin domain containing 16 [Source:MGI Symbol;Acc:MGI:1917811]		34,07993782	-0,4688524	-1,3840081	5,08464985	11,0670727	0,000887743	0,004593126	protein_coding
ENSMUSG0000059005	Hnrmpa3	heterogeneous nuclear ribonucleoprotein A3 [Source:MGI Symbol;Acc:MGI:1917171]		225,0532206	-0,4691238	-1,38426854	7,81336891	11,3568661	0,000751696	0,004017741	protein_coding
ENSMUSG0000063253	Scoc	short coiled-coil protein [Source:MGI Symbol;Acc:MGI:1927654]		52,08683025	-0,4693025	-1,38443996	5,70173041	12,3200136	0,000448127	0,002547116	protein_coding
ENSMUSG0000032615	Nt5m	5',3'-nucleotidase, mitochondrial [Source:MGI Symbol;Acc:MGI:1917127]		16,91132063	-0,4700745	-1,38518104	4,06581949	7,07641396	0,007810516	0,029560504	protein_coding
ENSMUSG0000053063	Clec12a	C-type lectin domain family 12, member A [Source:MGI Symbol;Acc:MGI:3040968]		413,4032531	-0,4701169	-1,38522174	8,69128113	8,27447628	0,004020626	0,016879869	protein_coding
ENSMUSG0000073079	Srp54c	signal recognition particle 54C [Source:MGI Symbol;Acc:MGI:3714359]		43,49240407	-0,470205	-1,38530633	5,45434274	11,2889971	0,000779678	0,004146658	protein_coding
ENSMUSG0000092329	Gm20388	predicted gene 20388 [Source:MGI Symbol;Acc:MGI:5141853]		59,02260481	-0,4705675	-1,38565445	5,88499597	6,19506776	0,012810682	0,044400935	protein_coding
ENSMUSG0000024982	Zdhhc6	zinc finger, DHHC domain containing 6 [Source:MGI Symbol;Acc:MGI:1914230]		82,49981854	-0,4715166	-1,38656629	6,36687761	12,2171512	0,000473522	0,002680363	protein_coding
ENSMUSG0000073609	D2hgdh	D-2-hydroxyglutarate dehydrogenase [Source:MGI Symbol;Acc:MGI:2138209]		17,62577281	-0,4716354	-1,38668044	4,12982559	7,84556098	0,005094565	0,020571107	protein_coding
ENSMUSG0000029033	Acap3	ArfGAP with coiled-coil, ankryrin repeat and PH domains 3 [Source:MGI Symbol;Acc:MGI:2153589]		22,04166007	-0,4719221	-1,38695607	4,5269905	8,94345416	0,002784656	0,012401711	protein_coding
ENSMUSG0000028568	Btf3l4	basic transcription factor 3-like 4 [Source:MGI Symbol;Acc:MGI:1915312]		42,91670107	-0,4720117	-1,38704732	5,41825013	11,1853997	0,000824435	0,004348645	protein_coding
ENSMUSG0000049734	Trex1	three prime repair exonuclease 1 [Source:MGI Symbol;Acc:MGI:1328317]		73,00645911	-0,4720523	-1,38708121	6,18776281	11,6553313	0,000640188	0,003483777	protein_coding
ENSMUSG0000020770	Unk	unknown homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2442456]		29,76430257	-0,4720565	-1,38708531	4,88737009	10,7193277	0,001060222	0,005393734	protein_coding
ENSMUSG0000034709	Klraq1	KLRAQ motif containing 1 [Source:MGI Symbol;Acc:MGI:1921075]		85,462878	-0,4720753	-1,38710332	6,41727805	11,82769	0,000583563	0,00321223	protein_coding
ENSMUSG0000026737	Pip4k2a	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha [Source:MGI Symbol;Acc:MGI:1298206]		195,0564445	-0,4722275	-1,38724973	7,60639614	10,8193315	0,001004457	0,005154589	protein_coding
ENSMUSG0000015733	Capza2	capping protein (actin filament) muscle Z-line, alpha 2 [Source:MGI Symbol;Acc:MGI:106222]		655,6448602	-0,4725961	-1,38760415	9,35671341	7,17943597	0,007374389	0,028113258	protein_coding
ENSMUSG0000038368	BC057079	cDNA sequence BC057079 [Source:MGI Symbol;Acc:MGI:2676921]		20,60389315	-0,4727732	-1,38777452	4,35855896	8,81913939	0,00298072	0,013147669	protein_coding

ENSMUSG00000090877	Hspa1b	heat shock protein 1B [Source:MGI Symbol;Acc:MGI:99517]			18,17094365	-0,4753883	-1,39029241	4,22476043	6,29152105	0,01213169	0,04255775	protein_coding
ENSMUSG00000041084	Ostc	oligosaccharyltransferase complex subunit [Source:MGI Symbol;Acc:MGI:1913607]	Sheet1		59,93107348	-0,4756884	-1,39058158	5,90599156	11,9922103	0,000534234	0,002975718	protein_coding
ENSMUSG00000020553	Pcpt	phosphatidylcholine transfer protein [Source:MGI Symbol;Acc:MGI:107375]			52,69480583	-0,4768822	-1,39173272	5,71810082	12,7210334	0,000361566	0,00211417	protein_coding
ENSMUSG00000071041	Gm15210	predicted gene 15210 [Source:MGI Symbol;Acc:MGI:3705743]			26,49847178	-0,477365	-1,39219854	4,72091313	9,64698224	0,001896629	0,008939624	pseudogene
ENSMUSG00000028467	Gba2	glucosidase beta 2 [Source:MGI Symbol;Acc:MGI:2654325]			24,99687077	-0,4777048	-1,39252652	4,62735704	8,21903255	0,0004145329	0,017317389	protein_coding
ENSMUSG00000022982	Sod1	superoxide dismutase 1, soluble [Source:MGI Symbol;Acc:MGI:98351]			195,3670776	-0,4782788	-1,39308068	7,60952386	12,4442835	0,000419273	0,002400497	protein_coding
ENSMUSG00000095677	Dynl1f	dynein light chain Tctex-type 1F [Source:MGI Symbol;Acc:MGI:3780996]			37,96096929	-0,4784263	-1,39322311	5,25029049	11,1575119	0,000836921	0,004394804	protein_coding
ENSMUSG00000029575	Mmap	methylmalonic aciduria (cobalamin deficiency) type B homolog (human)			16,72959177	-0,4796097	-1,39436643	4,04864615	6,81820938	0,00029233	0,033391375	protein_coding
ENSMUSG00000028868	Wasf2	WAS protein family, member 2 [Source:MGI Symbol;Acc:MGI:1098641]			387,1733547	-0,4796504	-1,39440577	8,59646706	9,17491662	0,002453545	0,011153125	protein_coding
ENSMUSG00000086583	Gm15500	predicted pseudogene 15500 [Source:MGI Symbol;Acc:MGI:3782947]			623,8122435	-0,4811172	-1,39582411	9,28479636	7,70402412	0,000509785	0,02201265	pseudogene
ENSMUSG00000055805	Fmn11	formin-like 1 [Source:MGI Symbol;Acc:MGI:1888994]			224,6937695	-0,4812465	-1,39594931	7,8100949	10,6426385	0,001105099	0,005592687	protein_coding
ENSMUSG00000044465	Fam160a2	family with sequence similarity 160, member A2 [Source:MGI Symbol;Acc:MGI:1921599]			29,19521201	-0,4812709	-1,39597285	4,86133041	10,6729295	0,001087148	0,005511996	protein_coding
ENSMUSG00000030275	Etnk1	ethanolamine kinase 1 [Source:MGI Symbol;Acc:MGI:1922570]			137,666717	-0,4816174	-1,39630815	7,10350964	13,302671	0,0002265028	0,0160345	protein_coding
ENSMUSG00000036565	Tyh3	twenty homolog 3 (Drosophila) [Source:MGI Symbol;Acc:MGI:1925589]			139,725975	-0,4827403	-1,39739544	7,12372067	11,6970432	0,000625995	0,003414998	protein_coding
ENSMUSG00000023030	Slc11a2	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2 [Source:MGI Symbol;Acc:MGI:13452]			334,8334027	-0,4837982	-1,39842042	8,38721245	10,1061595	0,001477746	0,007199997	protein_coding
ENSMUSG000000021205	Ppp1r13b	protein phosphatase 1, regulatory (inhibitor) subunit 13B [Source:MGI Symbol;Acc:MGI:1336199]			46,61871834	-0,4838618	-1,39848207	5,5417276	11,1835862	0,000825241	0,004348645	protein_coding
ENSMUSG00000023022	Lim1	LIM domain and actin binding 1 [Source:MGI Symbol;Acc:MGI:1920992]			228,8946593	-0,4838737	-1,39849367	7,83881496	12,1893457	0,000480632	0,002712735	protein_coding
ENSMUSG00000030727	Rabep2	rabapin, RAB GTPase binding effector protein 2 [Source:MGI Symbol;Acc:MGI:1917564]			32,82245951	-0,4839493	-1,39856696	5,02284324	10,9019889	0,000906011	0,004959694	protein_coding
ENSMUSG00000046230	Vps13a	vacuolar protein sorting 13A (yeast) [Source:MGI Symbol;Acc:MGI:2444304]			59,39215084	-0,4840805	-1,39869414	5,88763463	13,5246862	0,000235446	0,001444356	protein_coding
ENSMUSG00000028556	Dock7	dedicator of cytokinesis 7 [Source:MGI Symbol;Acc:MGI:1914549]			132,5690361	-0,4853991	-1,40010891	7,05063697	13,6604085	0,000219024	0,001356245	protein_coding
ENSMUSG00000032399	Rpl4	ribosomal protein L4 [Source:MGI Symbol;Acc:MGI:1915141]			1171,074289	-0,4866246	-1,4011628	10,193506	6,14568751	0,013173294	0,04535725	protein_coding
ENSMUSG00000041164	Zmiz2	zinc finger, MIZ-type containing 2 [Source:MGI Symbol;Acc:MGI:106374]			184,3818914	-0,4869916	-1,40151931	7,52464674	11,8223386	0,000585243	0,003218251	protein_coding
ENSMUSG00000007850	Hnrmp1	heterogeneous nuclear ribonucleoprotein H1 [Source:MGI Symbol;Acc:MGI:1891925]			215,1805179	-0,4883207	-1,40281109	7,74812381	12,0170632	0,000527157	0,002943025	protein_coding
ENSMUSG00000026942	Traf2	TNF receptor-associated factor 2 [Source:MGI Symbol;Acc:MGI:101835]			44,78143827	-0,4883424	-1,4028321	5,48250638	11,5524281	0,000676608	0,003662018	protein_coding
ENSMUSG00000034118	Tpst1	protein-tyrosine sulfotransferase 1 [Source:MGI Symbol;Acc:MGI:1298231]			15,95529969	-0,4884555	-1,40294211	4,00031758	8,23086767	0,004118384	0,017231028	protein_coding
ENSMUSG00000039656	Rxrb	retinoid X receptor beta [Source:MGI Symbol;Acc:MGI:98215]			46,20836584	-0,4888395	-1,40331558	5,52147594	10,3180815	0,0001317332	0,00650347	protein_coding
ENSMUSG00000055435	Maf	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog [Source:MGI Symbol;Acc:MGI:96909]			695,9688949	-0,4890656	-1,40353551	9,44271685	7,01751586	0,008071614	0,030350041	protein_coding
ENSMUSG00000046245	Pilra	paired immunoglobulin-like type 2 receptor alpha [Source:MGI Symbol;Acc:MGI:2450529]			64,3967816	-0,4891364	-1,40360444	6,01139531	8,52272898	0,003507382	0,015094242	protein_coding
ENSMUSG00000038291	Snx25	sorting nexin 25 [Source:MGI Symbol;Acc:MGI:2142610]			25,59052591	-0,4892669	-1,40373136	4,67953636	10,5522164	0,001160488	0,005828447	protein_coding
ENSMUSG00000018008	Cyth4	cytohesin 4 [Source:MGI Symbol;Acc:MGI:2441702]			934,5783313	-0,489398	-1,40385897	9,86802039	6,49175929	0,010837568	0,038785784	protein_coding
ENSMUSG00000020372	Gnb2l1	guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1 [Source:MGI Symbol;Acc:MGI:101849]			953,6859418	-0,4895512	-1,40400808	9,89719783	6,65826678	0,009869686	0,036005494	protein_coding
ENSMUSG00000025935	Tram1	translocating chain-associating membrane protein 1 [Source:MGI Symbol;Acc:MGI:1919515]			168,5681581	-0,4897137	-1,40416622	7,39632584	13,3741649	0,000255114	0,001552875	protein_coding
ENSMUSG00000014177	Fam18b	family with sequence similarity 18, member B [Source:MGI Symbol;Acc:MGI:1914760]			25,21288693	-0,4908395	-1,40526231	4,64847728	8,71725154	0,003152129	0,013770354	protein_coding
ENSMUSG00000006304	Arcp2	actin related protein 2/3 complex, subunit 2 [Source:MGI Symbol;Acc:MGI:1923959]			959,9555852	-0,4908564	-1,40527881	9,90676143	6,74244967	0,009414526	0,034582882	protein_coding
ENSMUSG00000068874	Selenbp1	selenium binding protein 1 [Source:MGI Symbol;Acc:MGI:96825]			17,7918025	-0,4910455	-1,40546303	4,14293619	9,13684354	0,000505129	0,01134417	protein_coding
ENSMUSG00000035696	Rnf38	ring finger protein 38 [Source:MGI Symbol;Acc:MGI:1920719]			67,95654411	-0,4912293	-1,40564207	6,08482696	13,6596904	0,000219108	0,001356245	protein_coding
ENSMUSG00000032870	Smap2	stromal membrane-associated GTPase-activating protein 2 [Source:MGI Symbol;Acc:MGI:1917030]			120,8401631	-0,4916743	-1,40607577	6,91486106	13,2916666	0,000266588	0,001611115	protein_coding
ENSMUSG00000000386	Mx1	myxovirus (influenza virus) resistance 1 [Source:MGI Symbol;Acc:MGI:97243]			38,40475908	-0,4929383	-1,40730819	5,2731556	11,4902955	0,000699605	0,003766076	protein_coding
ENSMUSG00000025915	Sgk3	serum/glucocorticoid regulated kinase 3 [Source:MGI Symbol;Acc:MGI:2182368]			54,77513698	-0,4931693	-1,40753352	5,77514166	13,1279699	0,00029092	0,001740924	protein_coding
ENSMUSG00000025241	Fyco1	FYVE and coiled-coil domain containing 1 [Source:MGI Symbol;Acc:MGI:107277]			85,09475128	-0,4932482	-1,40761053	6,40874533	14,4352716	0,000114506	0,000946421	protein_coding
ENSMUSG00000045932	Iff12	interferon-induced protein with tetratricopeptide repeats 2 [Source:MGI Symbol;Acc:MGI:99449]			78,25650819	-0,4934532	-1,40781058	6,29713113	14,7548697	0,000122431	0,00815241	protein_coding
ENSMUSG00000020101	4632428N05Rik	RIKEN cDNA 4632428N05 gene [Source:MGI Symbol;Acc:MGI:1921298]			538,0603231	-0,4938794	-1,40822651	9,07139725	7,96482724	0,004769504	0,019437145	protein_coding
ENSMUSG00000027236	Eif3j1	eukaryotic translation initiation factor 3, subunit J1 [Source:MGI Symbol;Acc:MGI:1925905]			30,85344774	-0,4938802	-1,40822727	4,94902482	11,630083	0,000648937	0,003526145	protein_coding
ENSMUSG00000030979	Uros	uroporphyrinogen III synthase [Source:MGI Symbol;Acc:MGI:98917]			12,33686313	-0,4939667	-1,40831171	6,31360685	6,03631461	0,01401451	0,04759735	protein_coding
ENSMUSG00000051768	Xrcc1	X-ray repair complementing defective repair in Chinese hamster cells 1 [Source:MGI Symbol;Acc:MGI:99137]			39,45609068	-0,4940851	-1,40842734	5,29523601	12,4835133	0,000410559	0,00235798	protein_coding
ENSMUSG00000056629	Fkbp2	F506 binding protein 2 [Source:MGI Symbol;Acc:MGI:95542]			32,93662438	-0,4944595	-1,40879285	5,0339208	11,923744	0,00055423	0,003064581	protein_coding
ENSMUSG00000038623	Tm6sf1	transmembrane 6 superfamily member 1 [Source:MGI Symbol;Acc:MGI:1933209]			125,0778937	-0,494924	-1,40924649	6,96599549	13,7744762	0,000206118	0,001286713	protein_coding
ENSMUSG00000055897	Ppp4r1-ps	protein phosphatase 4, regulatory subunit 1-like, pseudogene [Source:MGI Symbol;Acc:MGI:1924560]			22,37686727	-0,4951649	-1,40948189	4,46674841	8,81960752	0,002980108	0,013147669	pseudogene
ENSMUSG00000004070	Hmxo2	heme oxygenase (decycling) 2 [Source:MGI Symbol;Acc:MGI:109373]			161,9307721	-0,4954228	-1,40973383	7,33828034	13,385207	0,000253617	0,001547188	protein_coding
ENSMUSG00000043998	Mgat2	mannoside acetylglucosaminyltransferase 2 [Source:MGI Symbol;Acc:MGI:2384966]			91,07771303	-0,4955553	-1,4098633	6,50777885	12,2688729	0,000460576	0,002612469	protein_coding
ENSMUSG00000055541	Lair1	leukocyte-associated Ig-like receptor 1 [Source:MGI Symbol;Acc:MGI:105492]			108,5932015	-0,4957531	-1,41005659	6,76069629	15,3584655	8,89216E-05	0,000616004	protein_coding
ENSMUSG00000038058	Nod1	nucleotide-binding oligomerization domain containing 1 [Source:MGI Symbol;Acc:MGI:1341839]			29,08968852	-0,4964857	-1,4107728	4,87791454	11,3334255	0,000761244	0,004064034	protein_coding
ENSMUSG00000048865	Arhgap30	Rho GTPase activating protein 30 [Source:MGI Symbol;Acc:MGI:2684948]			438,1281124	-0,4970369	-1,41131194	8,77483027	9,13552847	0,00250693	0,01134417	protein_coding
ENSMUSG00000027472	Pdrg1	p53 and DNA damage regulated 1 [Source:MGI Symbol;Acc:MGI:1915809]			61,67195567	-0,4977988	-1,41205748	5,94359544	12,9789418	0,000315014	0,0018658	protein_coding
ENSMUSG00000004451	Ralb	v-ral simian leukemia viral oncogene homolog B (ras related) [Source:MGI Symbol;Acc:MGI:1927244]			101,1937766	-0,4981369	-1,4123884	6,65923478	13,7919538	0,000204209	0,001276411	protein_coding
ENSMUSG00000004446	Bid	BH3 interacting domain death agonist [Source:MGI Symbol;Acc:MGI:108093]			60,27821268	-0,4983085	-1,41255639	5,91112826	12,2875741	0,000458188	0,00260161	protein_coding
ENSMUSG00000030681	Mvp	major vault protein [Source:MGI Symbol;Acc:MGI:1925638]			372,6316249	-0,4983425	-1,41258971	8,54141446	10,0179445	0,001550224	0,007526429	protein_coding
ENSMUSG00000024642	Tie4	transducin-like enhancer of split 4, homolog of Drosophila E(spl) [Source:MGI Symbol;Acc:MGI:104633]			98,42978458	-0,4983693	-1,41261595	6,62105611	14,0704853	0,000176085	0,001120237	protein_coding
ENSMUSG00000021252	0610007P14Rik	RIKEN cDNA 0610007P14 gene [Source:MGI Symbol;Acc:MGI:1915571]			28,8099619	-0,4992722	-1,4135003	4,83880537	6,97689368	0,000825688	0,030951329	protein_coding
ENSMUSG00000041992	Rapgef5	Rap guanine nucleotide exchange factor (GEF) 5 [Source:MGI Symbol;Acc:MGI:2444365]			228,754809	-0,4996081	-1,41382946	7,83775018	12,190334	0,000480378	0,002712735	protein_coding
ENSMUSG00000050786	Cdccl126	coiled-coil domain containing 126 [Source:MGI Symbol;Acc:MGI:1889376]			13,29912015	-0,4998083	-1,41402567	3,71754398	6,04928984	0,013911971	0,047336621	protein_coding
ENSMUSG00000008475	Arcp5	actin related protein 2/3 complex, subunit 5 [Source:MGI Symbol;Acc:MGI:1915021]			775,4649963	-0,5002174	-1,41424667	9,59888469	7,56212126	0,005986079	0,023532547	protein_coding
ENSMUSG00000008823	Znf512b	zinc finger protein 512B [Source:MGI Symbol;Acc:MGI:2685478]			44,02048385	-0,500451	-1,41465577	5,45077569	11,8249389	0,000584426	0,003215369	protein_coding
ENSMUSG00000033326	Kdm4a	lysine (K)-specific demethylase 4A [Source:MGI Symbol;Acc:MGI:2446210]			109,7659168	-0,5005536	-1,41475629	6,7747041	13,8062114	0,000202665	0,001268042	protein_coding
ENSMUSG00000024038	Ndufv3	NADH dehydrogenase (ubiquinone) flavoprotein 3 [Source:MGI Symbol;Acc:MGI:1890894]			54,68068851	-0,5010689	-1,41526176	5,76997817	13,6237009	0,000223348	0,001377835	protein_coding
ENSMUSG00000018750	Zbtb4	zinc finger and BTB domain containing 4 [Source:MGI Symbol;Acc:MGI:1922830]			127,6415661	-0,5013326	-1,41552041	6,99422194	14,6749649	0,000127732	0,000846434	protein_coding
ENSMUSG00000022265	Ank											

Gene	Symbol	Description	Score	Value1	Value2	Value3	Value4	Value5	Value6	Value7	Value8	Value9	Value10	Type
ENSMUSG00000043716	Rpl7	ribosomal protein L7 [Source:MGI Symbol;Acc:MGI:98073]		569,2593234	-0,5023511	-1,41652015	9,15268927	8,06015123	0,004524941	0,018620046	protein_coding			
ENSMUSG00000029434	Vps33a	vacuolar protein sorting 33A (yeast) [Source:MGI Symbol;Acc:MGI:1924823]		178,7142484	-0,5029491	-1,41710735	7,48089269	14,1137542	0,000172081	0,001096031	protein_coding			
ENSMUSG00000017561	Crf3	cytokine receptor-like factor 3 [Source:MGI Symbol;Acc:MGI:1860086]		98,52185363	-0,5032313	-1,41738462	6,62346094	14,5856595	0,00013393	0,000881658	protein_coding			
ENSMUSG00000034801	Sos2	son of sevenless homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:98355]		75,17127734	-0,5044893	-1,41862113	6,23065014	13,8557349	0,000197393	0,001237171	protein_coding			
ENSMUSG00000032570	Atp2c1	ATPase, Ca++-sequestering [Source:MGI Symbol;Acc:MGI:1889008]		132,1933603	-0,5061795	-1,4202841	7,04701517	14,0163468	0,000181228	0,001149627	protein_coding			
ENSMUSG00000020460	Rps27a	ribosomal protein S27A [Source:MGI Symbol;Acc:MGI:1925544]		334,5609956	-0,5062338	-1,42033751	8,38566542	10,1063792	0,001477557	0,007199997	protein_coding			
ENSMUSG00000029171	Pgm1	phosphoglucosyltransferase 1 [Source:MGI Symbol;Acc:MGI:97564]		48,99467617	-0,5072434	-1,42133181	5,61247451	13,0883977	0,00029713	0,001772297	protein_coding			
ENSMUSG00000051557	Pus1	pseudouridylyltransferase-like 1 [Source:MGI Symbol;Acc:MGI:3047787]		12,55433855	-0,5074579	-1,42154319	3,62953053	6,43251668	0,01120497	0,039905675	protein_coding			
ENSMUSG00000034330	Plcg2	phospholipase C, gamma 2 [Source:MGI Symbol;Acc:MGI:97616]		246,9912293	-0,5075107	-1,42159515	7,94729473	11,9051947	0,00055979	0,003092212	protein_coding			
ENSMUSG00000030447	Cyfp1	cytoplasmic FMR1 interacting protein 1 [Source:MGI Symbol;Acc:MGI:1338801]		974,2476623	-0,5077027	-1,42178443	9,92821583	7,25846056	0,007056776	0,027109369	protein_coding			
ENSMUSG00000060803	Gstp1	glutathione S-transferase, pi 1 [Source:MGI Symbol;Acc:MGI:95865]		22,24669136	-0,5079238	-1,42200234	4,47258494	9,29826139	0,002293714	0,010528402	protein_coding			
ENSMUSG00000097830				22,24669136	-0,5079245	-1,42200296	4,47258503	9,29797393	0,002294074	0,010528402	protein_coding			
ENSMUSG00000059447	Hadhb	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional p		75,51841525	-0,5081432	-1,42221855	6,23911087	15,3666565	8,85369E-05	0,000613726	protein_coding			
ENSMUSG00000028163	Nfkb1	nuclear factor of kappa light polypeptide gene enhancer in B cells 1, p105 [Source:MGI Symbol;Acc:MGI:97312]		138,6976745	-0,5082177	-1,42229198	7,11589913	13,3652915	0,000256324	0,001556031	protein_coding			
ENSMUSG00000028669	Pithd1	PITH (C-terminal proteasome-interacting domain of thioredoxin-like) domain containing 1 [Source:MGI Symbol;Acc:MGI:		19,38756768	-0,5082725	-1,42234607	4,26706534	8,3935784	0,003765489	0,016031859	protein_coding			
ENSMUSG000000028573	Fggy	FGGY carboxylate kinase domain containing [Source:MGI Symbol;Acc:MGI:1922282]		17,3977291	-0,5083466	-1,42241912	4,12002435	9,68690553	0,001858558	0,008084108	protein_coding			
ENSMUSG00000053332	Gas5	growth arrest specific 5 [Source:MGI Symbol;Acc:MGI:95659]		97,51913315	-0,5084305	-1,42250178	6,60412444	14,5244523	0,000138352	0,000906425	non_coding			
ENSMUSG00000087107	Al662270	expressed sequence Al662270 [Source:MGI Symbol;Acc:MGI:2144254]		83,75413538	-0,5088131	-1,42287907	6,38713715	14,8409063	0,000116971	0,000782678	lincRNA			
ENSMUSG00000058835	Abi1	abl-interactor 1 [Source:MGI Symbol;Acc:MGI:104913]		367,2126963	-0,5093006	-1,42336002	8,52024132	10,6077008	0,000126176	0,005675826	protein_coding			
ENSMUSG000000021816	Ppp3cb	protein phosphatase 3, catalytic subunit, beta isoform [Source:MGI Symbol;Acc:MGI:107163]		862,79697957	-0,5097818	-1,42338485	6,37064589	14,7096586	0,000125402	0,000833008	protein_coding			
ENSMUSG000000025794	Rpl14	ribosomal protein L14 [Source:MGI Symbol;Acc:MGI:1914365]		398,1453647	-0,5101890	-1,42492955	8,63640172	9,70125809	0,001841419	0,008754509	protein_coding			
ENSMUSG000000022680	Pdx1	pyridoxal-dependent decarboxylase domain containing 1 [Source:MGI Symbol;Acc:MGI:1920909]		158,4858134	-0,5112721	-1,42530533	7,30743477	14,6021762	0,000132761	0,0008375538	protein_coding			
ENSMUSG00000056724	Nbeal2	neurobeachin-like 2 [Source:MGI Symbol;Acc:MGI:2448554]		76,37396659	-0,5115874	-1,42561799	6,24772037	15,0446366	0,000104998	0,00071123	protein_coding			
ENSMUSG00000060519	Tor3a	torsin family 3, member A [Source:MGI Symbol;Acc:MGI:1353652]		207,1712109	-0,5118295	-1,42585717	7,69350932	13,6857958	0,000216082	0,001339599	protein_coding			
ENSMUSG000000023032	Papps1	3'-phosphoadenosine 5'-phosphosulfate synthase 1 [Source:MGI Symbol;Acc:MGI:1330587]		31,89970121	-0,5121772	-1,42620088	4,98858163	10,4051257	0,00125666	0,006244651	protein_coding			
ENSMUSG00000081406	Rps6-ps4	ribosomal protein S6, pseudogene 4 [Source:MGI Symbol;Acc:MGI:3650907]		780,1865327	-0,5125963	-1,4266153	9,60754659	7,66888122	0,005618128	0,022372734	pseudogene			
ENSMUSG000000026791	Slc2a8	solute carrier family 2, (facilitated glucose transporter), member 8 [Source:MGI Symbol;Acc:MGI:1860103]		15,6303119	-0,512804	-1,42682067	3,95090426	8,53466899	0,003484447	0,015019074	protein_coding			
ENSMUSG000000038991	Txnrc5	thioredoxin domain containing 5 [Source:MGI Symbol;Acc:MGI:2145316]		127,6727876	-0,5131545	-1,42716732	6,99525847	14,2167655	0,000162913	0,001047963	protein_coding			
ENSMUSG000000002107	Celf2	CUGBP, Elav-like family member 2 [Source:MGI Symbol;Acc:MGI:1338822]		177,9640168	-0,5131592	-1,42717197	7,47438041	14,2525839	0,000159841	0,001030619	protein_coding			
ENSMUSG000000018548	Trim37	tripartite motif-containing 37 [Source:MGI Symbol;Acc:MGI:2153072]		29,44440694	-0,5133884	-1,42739436	4,87758722	12,139832	0,000493562	0,002772376	protein_coding			
ENSMUSG00000032741	Tpcn1	two pore channel 1 [Source:MGI Symbol;Acc:MGI:2182472]		172,8239289	-0,5144167	-1,4284165	7,43062882	15,1362438	0,000100024	0,000680897	protein_coding			
ENSMUSG00000012405	Rpl15	ribosomal protein L15 [Source:MGI Symbol;Acc:MGI:1913730]		100,6715473	-0,5144892	-1,4284883	6,65382478	16,7437287	4,27834E-05	0,000318254	protein_coding			
ENSMUSG000000021371	Cdc90a	coiled-coil domain containing 90A [Source:MGI Symbol;Acc:MGI:1923387]		79,40913989	-0,5146281	-1,42862584	6,30981521	14,9197467	0,000112183	0,000754315	protein_coding			
ENSMUSG000000024431	Nr3c1	nuclear receptor subfamily 3, group C, member 1 [Source:MGI Symbol;Acc:MGI:95824]		140,1807506	-0,5148293	-1,42882505	7,13019596	14,9914714	0,000107998	0,000728855	protein_coding			
ENSMUSG000000062082	Cd200r4	CD200 receptor 4 [Source:MGI Symbol;Acc:MGI:3036289]		34,08295238	-0,5149191	-1,42891398	5,07238942	13,275551	0,00026889	0,001622346	protein_coding			
ENSMUSG000000023106	Denr	density-regulated protein [Source:MGI Symbol;Acc:MGI:1915434]		123,7895918	-0,5149628	-1,4289573	6,95221996	13,1525782	0,000287124	0,001723842	protein_coding			
ENSMUSG00000002731	Prkra	protein kinase, interferon inducible double stranded RNA dependent activator [Source:MGI Symbol;Acc:MGI:1344375]		29,3345737	-0,5150175	-1,42901143	4,86847598	12,1721261	0,00048509	0,002734573	protein_coding			
ENSMUSG00000044068	Zrsr1	zinc finger (CCCH type), RNA binding motif and serine/arginine rich 1 [Source:MGI Symbol;Acc:MGI:98885]		14,77983765	-0,5152602	-1,42925186	3,87811664	8,00408208	0,004667202	0,019098154	protein_coding			
ENSMUSG00000041935	AW549877	expressed sequence AW549877 [Source:MGI Symbol;Acc:MGI:2146232]		73,40202462	-0,5159646	-1,42994993	6,19694062	15,0286958	0,000105889	0,000716574	protein_coding			
ENSMUSG000000037503	Fam168b	family with sequence similarity 168, member B [Source:MGI Symbol;Acc:MGI:2448487]		215,4530308	-0,5160776	-1,43006186	7,75033222	13,4279328	0,000247905	0,001514869	protein_coding			
ENSMUSG000000042167	Papd4	PAP associated domain containing 4 [Source:MGI Symbol;Acc:MGI:2140950]		75,65912616	-0,5164457	-1,43042684	6,23930356	15,6283862	7,70886E-05	0,005543628	protein_coding			
ENSMUSG000000073455	Gm3435	predicted gene 3435 [Source:MGI Symbol;Acc:MGI:3810125]		12,5223364	-0,5166274	-1,43060696	3,62944255	6,80569	0,009086763	0,033592358	protein_coding			
ENSMUSG000000034744	Nagk	N-acetylglucosaminase kinase [Source:MGI Symbol;Acc:MGI:1860418]		75,61537414	-0,5169578	-1,43093465	6,23715722	15,5878441	7,87593E-05	0,000554342	protein_coding			
ENSMUSG000000042462	Dctpp1	dCTP pyrophosphatase 1 [Source:MGI Symbol;Acc:MGI:1913672]		12,66842253	-0,5175011	-1,43147365	3,66004135	6,30810851	0,0120187	0,042255824	protein_coding			
ENSMUSG000000026393	Nek7	NIMA (never in mitosis gene a)-related expressed kinase 7 [Source:MGI Symbol;Acc:MGI:1890645]		119,6512522	-0,5176072	-1,43157895	6,89978181	16,1738144	5,77874E-05	0,000418806	protein_coding			
ENSMUSG000000036712	Cyld	cylindromatosis (turban tumor syndrome) [Source:MGI Symbol;Acc:MGI:1921506]		77,29785123	-0,5176449	-1,43161635	6,26916323	14,2685747	0,000158489	0,0101225	protein_coding			
ENSMUSG000000041650	Pcca	propionyl-Coenzyme A carboxylase, alpha polypeptide [Source:MGI Symbol;Acc:MGI:97499]		28,5464456	-0,5181431	-1,43211083	4,83376421	11,748121	0,000609047	0,003336054	protein_coding			
ENSMUSG000000037470	Uggt1	UDP-glucose glycoprotein glucosyltransferase 1 [Source:MGI Symbol;Acc:MGI:2443162]		104,5217014	-0,5185107	-1,43247571	6,70704783	17,1353901	3,48076E-05	0,000265025	protein_coding			
ENSMUSG000000038622	Med30	mediator complex subunit 30 [Source:MGI Symbol;Acc:MGI:1917040]		12,84084378	-0,5190136	-1,4329752	3,67072748	7,18580314	0,007348265	0,028023392	protein_coding			
ENSMUSG000000001289	Pfdn5	prefoldin 5 [Source:MGI Symbol;Acc:MGI:1928753]		108,5043753	-0,519116	-1,43307685	6,75817718	15,0952202	0,000102222	0,000694994	protein_coding			
ENSMUSG000000030788	Rnf141	ring finger protein 141 [Source:MGI Symbol;Acc:MGI:1914400]		98,05265726	-0,5192244	-1,43318452	6,61526971	12,4312203	0,00042222	0,00241611	protein_coding			
ENSMUSG000000058454	Dhcr7	7-dehydrocholesterol reductase [Source:MGI Symbol;Acc:MGI:1298378]		26,91948619	-0,5196042	-1,43356194	4,74108365	7,04839924	0,007933612	0,029954156	protein_coding			
ENSMUSG000000031539	Ap3m2	adaptor-related protein complex 3, mu 2 subunit [Source:MGI Symbol;Acc:MGI:1929214]		25,3025377	-0,5198733	-1,43382932	4,65168266	10,4711207	0,001212551	0,006055592	protein_coding			
ENSMUSG000000038872	Zfx3	zinc finger homeobox 3 [Source:MGI Symbol;Acc:MGI:99948]		68,36012778	-0,5200638	-1,43401868	6,08590749	14,241245	0,000160807	0,001035232	protein_coding			
ENSMUSG000000024516	Sec11c	SEC11 homolog C (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1913536]		90,53946698	-0,5201994	-1,43415343	6,49667587	15,952451	6,49536E-05	0,00046613	protein_coding			
ENSMUSG000000029482	Aacs	acetoacetyl-CoA synthetase [Source:MGI Symbol;Acc:MGI:1926144]		44,32808147	-0,5202622	-1,43421588	5,45737357	9,76325786	0,001780341	0,00851943	protein_coding			
ENSMUSG000000018293	Pfn1	profilin 1 [Source:MGI Symbol;Acc:MGI:97549]		1470,829479	-0,5203756	-1,43432865	10,5223319	6,34462426	0,011773755	0,04158092	protein_coding			
ENSMUSG000000044477	Zfand3	zinc finger, AN1-type domain 3 [Source:MGI Symbol;Acc:MGI:1096572]		111,5539246	-0,5204289	-1,43438157	6,79951393	14,5740154	0,00013476	0,000886062	protein_coding			
ENSMUSG000000033016	Nfatc1	nuclear factor of activated T cells, cytoplasmic, calcineurin dependent 1 [Source:MGI Symbol;Acc:MGI:102469]		68,78218643	-0,5209604	-1,43491014	6,09925208	14,679482	0,000127426	0,000844917	protein_coding			
ENSMUSG000000050751	Pgbd5	piggyBac transposable element derived 5 [Source:MGI Symbol;Acc:MGI:2429955]		18,2853862	-0,5217919	-1,43573738	4,17855091	8,43025346	0,003690289	0,015776345	protein_coding			
ENSMUSG000000029528	Pxn	paxillin [Source:MGI Symbol;Acc:MGI:108295]		203,078551	-0,5219175	-1,43586241	7,66447301	12,4720961	0,000413076	0,002369958	protein_coding			
ENSMUSG000000063316	Rpl27	ribosomal protein L27 [Source:MGI Symbol;Acc:MGI:98036]		23,9896086	-0,5222679	-1,43621114	4,59325501	11,0506037	0,000886583	0,				

ENSMUSG00000020484	Xbp1	X-box binding protein 1 [Source:MGI Symbol;Acc:MGI:98970]	Sheet1	135,9762555	-0,5248174	-1,43875143	7,08698448	12,9316607	0,000323071	0,001907352	protein_coding
ENSMUSG00000063882	Uqcrh	ubiquinol-cytochrome c reductase hinge protein [Source:MGI Symbol;Acc:MGI:1913826]		96,21923501	-0,5252723	-1,43920515	6,5852478	14,6107993	0,000132155	0,000872065	protein_coding
ENSMUSG00000024772	Ehd1	EH-domain containing 1 [Source:MGI Symbol;Acc:MGI:1341878]		626,5882636	-0,5252769	-1,43920979	9,29132059	8,06878472	0,004530343	0,018538478	protein_coding
ENSMUSG00000026131	Dst	dystonin [Source:MGI Symbol;Acc:MGI:104627]		285,4737963	-0,525415	-1,43934756	8,15643683	12,5669634	0,000392626	0,000275067	protein_coding
ENSMUSG00000061315	Naca	nascent polypeptide-associated complex alpha polypeptide [Source:MGI Symbol;Acc:MGI:106095]		258,3806573	-0,5265381	-1,44046853	8,01249781	13,2709555	0,000296902	0,001625748	protein_coding
ENSMUSG00000059669	Taf1b	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, B [Source:MGI Symbol;Acc:MGI:109577]		12,16721477	-0,5265892	-1,44051952	3,60331858	6,95715972	0,008348446	0,031202134	protein_coding
ENSMUSG00000020585	Laptm4a	lysosomal-associated protein transmembrane 4A [Source:MGI Symbol;Acc:MGI:108017]		540,2409846	-0,5266498	-1,44058006	9,07727581	9,14470258	0,002494392	0,011310723	protein_coding
ENSMUSG00000028799	Zfp362	zinc finger protein 362 [Source:MGI Symbol;Acc:MGI:2652839]		33,25682855	-0,5270971	-1,44102671	5,04655839	14,0096965	0,00018187	0,001153035	protein_coding
ENSMUSG00000074785	Plxnc1	plexin C1 [Source:MGI Symbol;Acc:MGI:1890127]		111,6346474	-0,5271768	-1,44110634	6,9679454	16,9635792	3,81038E-05	0,002875532	protein_coding
ENSMUSG00000028843	Sh3bglr3	SH3 domain binding glutamic acid-rich protein-like 3 [Source:MGI Symbol;Acc:MGI:1920973]		591,502144	-0,527521	-1,44145018	9,20783195	9,58621067	0,001960441	0,009212732	protein_coding
ENSMUSG00000021365	Nedd9	neuronal precursor cell expressed, developmentally down-regulated gene 9 [Source:MGI Symbol;Acc:MGI:97302]		20,64316188	-0,5275301	-1,44145926	4,35529853	10,5363971	0,001170464	0,005869413	protein_coding
ENSMUSG00000059355	BC056474	cDNA sequence BC056474 [Source:MGI Symbol;Acc:MGI:3041257]		50,03933247	-0,528695	-1,44262368	5,6383703	12,4680835	0,000413965	0,002373815	protein_coding
ENSMUSG00000028081	Rps3a	ribosomal protein S3A [Source:MGI Symbol;Acc:MGI:1202063]		692,3119143	-0,5287457	-1,4426744	9,43512025	8,86156648	0,002912375	0,01288175	protein_coding
ENSMUSG00000033767	D930015E06Rik	RIKEN cDNA D930015E06 gene [Source:MGI Symbol;Acc:MGI:2443399]		42,26877593	-0,5289185	-1,44284714	5,39597683	12,6621885	0,000373125	0,002172172	protein_coding
ENSMUSG00000007833	Aldh16a1	aldehyde dehydrogenase 16 family, member A1 [Source:MGI Symbol;Acc:MGI:1916998]		64,16029908	-0,5303563	-1,44428583	5,99766273	14,5015114	0,000140047	0,000916437	protein_coding
ENSMUSG00000073616	Myeov2	myeloma overexpressed 2 [Source:MGI Symbol;Acc:MGI:1914165]		48,65721198	-0,5303899	-1,44431945	5,59913505	14,903708	0,00011314	0,00076029	protein_coding
ENSMUSG00000038615	Nfe2l1	nuclear factor, erythroid derived 2,-like 1 [Source:MGI Symbol;Acc:MGI:99421]		437,21161306	-0,5304584	-1,44438802	8,7717366	8,95835895	0,002762029	0,012305925	protein_coding
ENSMUSG00000041362	4930506M07Rik	RIKEN cDNA 4930506M07 gene [Source:MGI Symbol;Acc:MGI:1918903]		247,2404494	-0,5306868	-1,4446167	7,94917197	13,6889562	0,000215719	0,001339044	protein_coding
ENSMUSG00000032249	Anp32a	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A [Source:MGI Symbol;Acc:MGI:108447]		174,3792577	-0,5307035	-1,44463351	7,44583136	14,5959887	0,000133198	0,000877789	protein_coding
ENSMUSG00000054277	Arfgap3	ADP-ribosylation factor GTPase activating protein 3 [Source:MGI Symbol;Acc:MGI:1913501]		39,32567201	-0,5313065	-1,44523736	5,29086368	13,3658662	0,000256246	0,001558031	protein_coding
ENSMUSG00000019370	Calm3	calmodulin 3 [Source:MGI Symbol;Acc:MGI:103249]		279,4707183	-0,5314343	-1,44536539	8,12572717	12,7501647	0,000355978	0,002082603	protein_coding
ENSMUSG00000030432	Rpl28	ribosomal protein L28 [Source:MGI Symbol;Acc:MGI:101839]		47,44237563	-0,5318093	-1,44574116	5,56119611	12,5539718	0,000395365	0,002285048	protein_coding
ENSMUSG00000057858	D19Erd737e	DNA segment, Chr 19, ERATO Doi 737, expressed [Source:MGI Symbol;Acc:MGI:1289174]		14,62620435	-0,5320954	-1,4460279	3,86662321	8,1397128	0,004330614	0,017961668	protein_coding
ENSMUSG00000046229	Scand1	SCAN domain-containing 1 [Source:MGI Symbol;Acc:MGI:1343132]		39,84074855	-0,5321753	-1,44610798	5,30074497	13,6046671	0,000225624	0,001391094	protein_coding
ENSMUSG0000005182	Skap2	src family associated phosphoprotein 2 [Source:MGI Symbol;Acc:MGI:1889206]		262,1506766	-0,5325686	-1,44650231	8,03358831	13,3136943	0,000263475	0,001595809	protein_coding
ENSMUSG00000024193	Phf1	PHD finger protein 1 [Source:MGI Symbol;Acc:MGI:98647]		20,06356306	-0,5333949	-1,44733096	4,31012789	10,2134354	0,001394212	0,006836099	protein_coding
ENSMUSG00000086130	Gm16211	predicted gene 16211 [Source:MGI Symbol;Acc:MGI:3802078]		33,09411675	-0,5341553	-1,44809408	5,04792105	12,2237316	0,000471855	0,002672302	lincRNA
ENSMUSG00000033706	Smyd5	SET and MYND domain containing 5 [Source:MGI Symbol;Acc:MGI:108048]		75,81580518	-0,5358775	-1,44982367	6,2422219	15,5448235	8,0572E-05	0,000563491	protein_coding
ENSMUSG00000020246	Hcf2c	host cell factor C2 [Source:MGI Symbol;Acc:MGI:1915183]		35,7057071	-0,5373098	-1,45126378	5,15758422	13,1002369	0,000295258	0,001763046	protein_coding
ENSMUSG00000047248	C2cd3	C2 calcium-dependent domain containing 3 [Source:MGI Symbol;Acc:MGI:2142166]		31,11213575	-0,5376088	-1,45156465	4,95465888	13,1855379	0,000282118	0,001695639	protein_coding
ENSMUSG00000025137	Pcyt2	phosphate cytidylyltransferase 2, ethanolamine [Source:MGI Symbol;Acc:MGI:1915921]		36,99110832	-0,5377092	-1,45166563	5,19692202	9,0353969	0,002648016	0,011876788	protein_coding
ENSMUSG00000020827	Mink1	misshapen-like kinase 1 (zebrafish) [Source:MGI Symbol;Acc:MGI:1355329]		120,2351246	-0,5377692	-1,45172598	7,71280024	15,5799394	7,90893E-05	0,000555484	protein_coding
ENSMUSG00000024965	Fermf3	fermitin family homolog 3 (Drosophila) [Source:MGI Symbol;Acc:MGI:2147790]		617,0769853	-0,5383322	-1,45229266	9,26895593	9,59105963	0,001695639	0,009196301	protein_coding
ENSMUSG00000006526	Tmem110	transmembrane protein 110 [Source:MGI Symbol;Acc:MGI:1921500]		16,57610852	-0,5395708	-1,45354004	4,03850979	10,2642414	0,001356335	0,006882535	protein_coding
ENSMUSG00000031924	Cyb5b	cytochrome b5 type B [Source:MGI Symbol;Acc:MGI:1913677]		204,3425156	-0,5398617	-1,45383315	6,7420443	12,1446737	0,000492283	0,002766603	protein_coding
ENSMUSG00000019998	Stx7	syntaxin 7 [Source:MGI Symbol;Acc:MGI:1858210]		194,1128097	-0,5402935	-1,45426838	7,60063826	14,3999392	0,00147807	0,000960353	protein_coding
ENSMUSG00000008683	Rps15a	ribosomal protein S15A [Source:MGI Symbol;Acc:MGI:2389091]		360,0135609	-0,5403261	-1,45430119	8,49127095	11,7102218	0,000621577	0,003394268	protein_coding
ENSMUSG00000027133	Nop10	NOP10 ribonucleoprotein homolog (yeast) [Source:MGI Symbol;Acc:MGI:1913431]		32,83262752	-0,5407979	-1,45477686	5,03479075	10,7608103	0,00103672	0,000292956	protein_coding
ENSMUSG00000002733	Plekha3	pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 3 [Source:MGI Symbol;Acc:MGI:1345153]		63,58378209	-0,5410621	-1,45504331	5,98888728	16,2208625	5,63699E-05	0,000410156	protein_coding
ENSMUSG00000016664	Pascin2	protein kinase C and casein kinase substrate in neurons 2 [Source:MGI Symbol;Acc:MGI:1345153]		159,5972604	-0,5412846	-1,45526774	7,31750156	16,2192221	5,64575E-05	0,000410522	protein_coding
ENSMUSG00000022351	Sqle	squalene epoxidase [Source:MGI Symbol;Acc:MGI:109296]		50,44905484	-0,5413129	-1,45529625	5,65081025	6,79996917	0,009117339	0,0033660013	protein_coding
ENSMUSG00000028207	Asph	aspartate-beta-hydroxylase [Source:MGI Symbol;Acc:MGI:1914186]		246,6278679	-0,5416407	-1,45562699	7,94580212	14,7644264	0,000121812	0,000812597	protein_coding
ENSMUSG00000031824	6430548M08Rik	RIKEN cDNA 6430548M08 gene [Source:MGI Symbol;Acc:MGI:2443793]		61,44722941	-0,5416566	-1,45564244	5,93712191	15,4680695	8,39109E-05	0,000585351	protein_coding
ENSMUSG00000045896	Paip2b	poly(A) binding protein interacting protein 2B [Source:MGI Symbol;Acc:MGI:2386865]		121,72615767	-0,5425396	-1,45653419	4,44178561	11,0046189	0,000908851	0,004725768	protein_coding
ENSMUSG00000050299	Gm9843	predicted gene 9843 [Source:MGI Symbol;Acc:MGI:3708621]		447,4450765	-0,5426203	-1,45661574	8,80449827	10,0122273	0,001550543	0,007543162	protein_coding
ENSMUSG00000027346	Gpcpd1	glycerophosphocholine phosphodiesterase GDE1 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:104898]		42,50860971	-0,5428602	-1,45477686	5,40381876	15,5501752	8,03442E-05	0,000562256	protein_coding
ENSMUSG00000020064	Herc4	hect domain and RLD 4 [Source:MGI Symbol;Acc:MGI:1914595]		102,2803981	-0,5430178	-1,45701709	6,67525031	15,0745398	0,000103348	0,000702216	protein_coding
ENSMUSG00000046020	Pofut1	protein O-fucosyltransferase 1 [Source:MGI Symbol;Acc:MGI:2153207]		83,33534048	-0,5433013	-1,4573034	6,37782419	14,7903718	0,000120147	0,000802468	protein_coding
ENSMUSG00000034574	Daam1	dishevelled associated activator of morphogenesis 1 [Source:MGI Symbol;Acc:MGI:1914599]		68,28320352	-0,5448641	-1,45888296	6,09035421	15,9948346	6,35155E-05	0,000457004	protein_coding
ENSMUSG00000078886	Gm2026	predicted gene 2026 [Source:MGI Symbol;Acc:MGI:3780195]		13,74560203	-0,5452891	-1,45931278	3,7666623	7,99105785	0,004700894	0,019214555	protein_coding
ENSMUSG00000027806	Tsc2d2	TSC22 domain family, member 2 [Source:MGI Symbol;Acc:MGI:1919283]		106,1868254	-0,5457621	-1,45979125	6,2751426	13,2024271	0,000279587	0,001682267	protein_coding
ENSMUSG00000034858	BC031353	cDNA sequence BC031353 [Source:MGI Symbol;Acc:MGI:2387648]		16,01409995	-0,5465781	-1,45981756	3,98707198	9,27211387	0,00232669	0,010664725	protein_coding
ENSMUSG00000039450	Dcxr	dicarboxyl-L-xylose reductase [Source:MGI Symbol;Acc:MGI:1915130]		35,17464373	-0,5458122	-1,45984199	5,12774506	13,5611743	0,000230913	0,001419718	protein_coding
ENSMUSG00000039307	Hxdc	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing [Source:MGI Symbol;Acc:MGI:3605542]		111,5719716	-0,546177	-1,46021119	6,80221364	15,8617303	6,81428E-05	0,000485529	protein_coding
ENSMUSG00000037795	N4bp2	NEDD4 binding protein 2 [Source:MGI Symbol;Acc:MGI:2684414]		23,2770908	-0,5461858	-1,46022001	4,53471009	11,0061938	0,000908079	0,00472399	protein_coding
ENSMUSG00000059734	Ndufs8	NADH dehydrogenase (ubiquinone) Fe-S protein 8 [Source:MGI Symbol;Acc:MGI:2385079]		30,13858062	-0,5473693	-1,46114845	4,90007996	13,3339169	0,000260649	0,001581306	protein_coding
ENSMUSG00000036339	6720456H20Rik	RIKEN cDNA 6720456H20 gene [Source:MGI Symbol;Acc:MGI:2443219]		25,07750103	-0,5481838	-1,46224378	4,63912185	10,8148254	0,001069005	0,005164737	protein_coding
ENSMUSG00000019927	Ube2d1	ubiquitin-conjugating enzyme E2D 1 [Source:MGI Symbol;Acc:MGI:2384911]		21,4035332	-0,5485627	-1,46262781	4,41313765	9,60700383	0,001938366	0,009128518	protein_coding
ENSMUSG00000028894	Inpp5b	inositol polyphosphate-5-phosphatase B [Source:MGI Symbol;Acc:MGI:103257]		96,07707563	-0,5493537	-1,46342998	6,58649634	15,6691565	7,54445E-05	0,000533403	protein_coding
ENSMUSG00000006132	Blink	B cell linker [Source:MGI Symbol;Acc:MGI:96878]		251,1520812	-0,5496435	-1,46372394	7,97137169	14,9199112	0,000112173	0,000754315	protein_coding
ENSMUSG00000036672	Cenp1	centromere protein T [Source:MGI Symbol;Acc:MGI:2443939]		18,48130464	-0,549722	-1,46380364	4,1994952	8,97135697	0,002742448	0,012228604	protein_coding
ENSMUSG00000022361	Zhx1	zinc fingers and homeoboxes 1 [Source:MGI Symbol;Acc:MGI:109271]		66,07691072	-0,5502543	-1,46434378	6,04246613	17,3132115	3,16975E-05	0,000244222	protein_coding
ENSMUSG00000007603	Dus3l	dihydrouridine synthase 3-like (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2147092]		33,92787106	-0,5506605	-1,46475617	5,07317162	13,3717251	0,000255446	0,001554036	protein_coding
ENSMUSG00000042106	6230427J02Rik	RIKEN cDNA 6230427J02 gene [Source:MGI Symbol;Acc:MGI:1915426]		12,7786245	-0,5507113	-1,46480777	3,66296232	7,21510894	0,002729243	0,027665513	protein_coding
ENSMUSG00000020476	Dbnl	drebrin-like [Source:MGI Symbol;Acc:MGI:700006]		144,3190015	-0,5519657	-1,46608192	7,1717144	16,2603124	5,52083E-05	0,000403307	protein_coding
ENSMUSG00000054408	Spcs3	signal peptidase complex subunit 3 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1923937]		146,0949361	-0,5521968	-1,46631673	7,19057116	15,2553009	9,39128E-05	0,00064459	protein_coding
ENSMUSG00000016921	Srsf6	serine/arginine-rich splicing factor 6 [Source:MGI Symbol;Acc:MGI:1915246]		200,360201	-0,5527988	-1,46692876	6,94549629	15,5859903	7,88366E-05	0,000554531	protein_coding
ENSMUSG00000022337	Emc2	ER membrane protein complex subunit 2 [Source:MGI Symbol;Acc:M									

ENSMUSG00000025626	Phf6	PHD finger protein 6 [Source:MGI Symbol;Acc:MGI:1918248]	Sheet1	70,22210068	-0,5552543	-1,46942758	6,1343704	17,1716183	3,41501E-05	0,00026056	protein_coding
ENSMUSG00000025290	Rps24	ribosomal protein S24 [Source:MGI Symbol;Acc:MGI:98147]		643,539997	-0,5668199	-1,47102311	9,32964903	10,0475735	0,001525487	0,007422733	protein_coding
ENSMUSG00000017754	Pltp	phospholipid transfer protein [Source:MGI Symbol;Acc:MGI:103151]		14,15,517049	-0,5570132	-1,47122023	10,4669793	6,62392389	0,010061792	0,03656927	protein_coding
ENSMUSG00000035064	Eef2k	eukaryotic elongation factor-2 kinase [Source:MGI Symbol;Acc:MGI:1195261]		14,19277123	-0,5573079	-1,47152077	3,81289868	8,44495686	0,003660571	0,015667587	protein_coding
ENSMUSG00000072940	Gm10443	predicted pseudogene 10443 [Source:MGI Symbol;Acc:MGI:3704272]		94,75111701	-0,5578406	-1,47206416	6,55981044	15,85643583	6,83329E-05	0,000486568	pseudogene
ENSMUSG00000018547	Pip4k2b	phosphatidylinositol-5-phosphate 4-kinase, type II, beta [Source:MGI Symbol;Acc:MGI:1934234]		142,6271258	-0,5583565	-1,47259074	7,15449602	14,6473354	0,000219618	0,000857381	protein_coding
ENSMUSG00000027882	Stxbp3a	syntaxin binding protein 3A [Source:MGI Symbol;Acc:MGI:107362]		136,8911583	-0,5588183	-1,47306214	7,09503732	15,6848911	7,48195E-05	0,000530349	protein_coding
ENSMUSG00000021375	Kif13a	kinesin family member 13A [Source:MGI Symbol;Acc:MGI:1098264]		37,87593457	-0,5600508	-1,47432112	5,23322748	14,4339842	0,000145159	0,000946506	protein_coding
ENSMUSG00000024725	Ostf1	osteoclast stimulating factor 1 [Source:MGI Symbol;Acc:MGI:700012]		308,7823237	-0,5600503	-1,47432339	8,26978122	13,768879	0,000260733	0,001289819	protein_coding
ENSMUSG00000028463	Car9	carbonic anhydrase 9 [Source:MGI Symbol;Acc:MGI:2447188]		13,83770396	-0,5602052	-1,47447889	3,7888845	9,34998326	0,002229875	0,010285322	protein_coding
ENSMUSG00000032563	Mrp3	mitochondrial ribosomal protein L3 [Source:MGI Symbol;Acc:MGI:2137204]		81,54893712	-0,5608116	-1,47509878	6,34911903	17,8291079	2,41685E-05	0,000192259	protein_coding
ENSMUSG00000033059	Pygb	brain glycogen phosphorylase [Source:MGI Symbol;Acc:MGI:97828]		107,2986452	-0,5614799	-1,47578228	7,4444561	16,5272005	4,79571E-05	0,000354103	protein_coding
ENSMUSG00000040616	Tmem51	transmembrane protein 51 [Source:MGI Symbol;Acc:MGI:2384874]		40,9003056	-0,5615304	-1,47583393	5,34806876	13,1818227	0,000282678	0,001698075	protein_coding
ENSMUSG00000034192	Lsm3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1914928]		19,13359528	-0,561667	-1,47597366	4,25495249	11,1596931	0,000835938	0,00439237	protein_coding
ENSMUSG0000000740	Rpl13	ribosomal protein L13 [Source:MGI Symbol;Acc:MGI:105922]		442,0507901	-0,5621354	-1,47645297	8,7869882	11,7843314	0,000597313	0,003278063	protein_coding
ENSMUSG00000033857	Engase	endo-beta-N-acetylglucosaminidase [Source:MGI Symbol;Acc:MGI:2443788]		10,29590569	-0,5626438	-1,47697338	3,35599657	6,91799094	0,008533279	0,031802964	protein_coding
ENSMUSG00000020652	Cenpo	centromere protein O [Source:MGI Symbol;Acc:MGI:1923800]		15,44847754	-0,5640898	-1,47845443	3,93878237	9,65736345	0,001885941	0,008912186	protein_coding
ENSMUSG00000071359	Tbpl1	TATA box binding protein-like 1 [Source:MGI Symbol;Acc:MGI:1339946]		31,31858419	-0,5656131	-1,4800163	4,96212843	13,9484463	0,000187983	0,001189158	protein_coding
ENSMUSG00000032038	St3gal4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4 [Source:MGI Symbol;Acc:MGI:1316743]		10,67111046	-0,5659712	-1,48038376	3,88999075	9,30033459	0,002911106	0,01052357	protein_coding
ENSMUSG00000030871	Ears2	glutamyl-tRNA synthetase 2 (mitochondrial)(putative) [Source:MGI Symbol;Acc:MGI:1914667]		10,66576695	-0,5659772	-1,4803899	3,40806291	6,5937821	0,010233554	0,037107609	protein_coding
ENSMUSG00000027544	Nfatc2	nuclear factor of activated T cells, cytoplasmic, calcineurin dependent 2 [Source:MGI Symbol;Acc:MGI:102463]		142,1303003	-0,5663685	-1,48079147	7,14797501	13,3061005	0,000264544	0,001601402	protein_coding
ENSMUSG00000067870	Rpl31-ps8	ribosomal protein L31, pseudogene 8 [Source:MGI Symbol;Acc:MGI:3647726]		399,4762371	-0,5665082	-1,48093487	8,64136485	12,0062421	0,000530227	0,009597157	pseudogene
ENSMUSG00000054387	Mdm4	transformed mouse 3T3 cell double minute 4 [Source:MGI Symbol;Acc:MGI:107934]		46,94765783	-0,5666288	-1,48105865	5,54855035	14,1403509	0,000169665	0,001084297	protein_coding
ENSMUSG00000022186	Oxct1	3-oxoacid CoA transferase 1 [Source:MGI Symbol;Acc:MGI:1914291]		177,7532395	-0,5668153	-1,4812502	7,47350912	17,5072794	2,8621E-05	0,00022302	protein_coding
ENSMUSG00000052146	Rps10	ribosomal protein S10 [Source:MGI Symbol;Acc:MGI:1914347]		439,764333	-0,5671992	-1,48164433	8,77972951	11,7600548	0,000605154	0,00331778	protein_coding
ENSMUSG00000043895	S1pr2	sphingosine-1-phosphate receptor 2 [Source:MGI Symbol;Acc:MGI:99569]		187,8010151	-0,5675798	-1,48203527	7,55191049	17,9218066	2,30169E-05	0,000184589	protein_coding
ENSMUSG00000037341	Slc9a7	solute carrier family 9 (sodium/hydrogen exchanger), member 7 [Source:MGI Symbol;Acc:MGI:2444530]		10,00805918	-0,567604	-1,4820601	3,3184235	7,19060539	0,007328625	0,027987349	protein_coding
ENSMUSG00000055923	Aasdh	aminooxidate-semialdehyde dehydrogenase [Source:MGI Symbol;Acc:MGI:2442517]		9,815369735	-0,5676227	-1,48207941	3,27524567	7,03026126	0,008014366	0,03019679	protein_coding
ENSMUSG00000055228	Zfp935	zinc finger protein 935 [Source:MGI Symbol;Acc:MGI:1918758]		9,694456168	-0,5676311	-1,48208794	3,28026791	7,04602734	0,007944125	0,029983545	protein_coding
ENSMUSG00000030560	Ctsc	cathepsin C [Source:MGI Symbol;Acc:MGI:109553]		481,7522361	-0,5683974	-1,48287547	8,91220696	16,83109456	0,003833396	0,016217759	protein_coding
ENSMUSG00000037337	Map4k1	mitogen-activated protein kinase kinase kinase 1 [Source:MGI Symbol;Acc:MGI:1346882]		13,43787537	-0,5687549	-1,48324296	3,73032945	8,30685344	0,003949576	0,016628367	protein_coding
ENSMUSG00000022957	Itns1	intersectin 1 (SH3 domain protein 1A) [Source:MGI Symbol;Acc:MGI:1338069]		428,821291	-0,5695855	-1,48409713	8,74414003	11,7479748	0,000690995	0,003336054	protein_coding
ENSMUSG00000028581	Laptm5	lysosomal-associated protein transmembrane 5 [Source:MGI Symbol;Acc:MGI:108046]		2180,315264	-0,5703547	-1,48488864	11,0902549	6,61996299	0,010084193	0,036614351	protein_coding
ENSMUSG00000031712	Il15	interleukin 15 [Source:MGI Symbol;Acc:MGI:103014]		10,13716625	-0,5705303	-1,48506931	3,33092111	6,80336264	0,009098635	0,033624859	protein_coding
ENSMUSG00000039270	Megf9	multiple EGF-like-domains 9 [Source:MGI Symbol;Acc:MGI:1918264]		27,91639984	-0,5707684	-1,48531446	4,80727986	12,8586438	0,000335924	0,001975801	protein_coding
ENSMUSG00000025967	Eef1b2	eukaryotic translation elongation factor 1 beta 2 [Source:MGI Symbol;Acc:MGI:1929520]		380,1357405	-0,5710084	-1,48556157	8,56975173	12,8965194	0,000329194	0,001942455	protein_coding
ENSMUSG00000028964	Park7	Parkinson disease (autosomal recessive, early onset) 7 [Source:MGI Symbol;Acc:MGI:2135637]		86,84528828	-0,5710557	-1,48561028	6,43840726	19,4793674	0,01692E-05	8,80451E-05	protein_coding
ENSMUSG00000034165	Cncd3	cyclin D3 [Source:MGI Symbol;Acc:MGI:88315]		67,19412247	-0,5715405	-1,4861096	6,06957169	14,6387032	0,000130213	0,000860799	protein_coding
ENSMUSG00000032000	Birc3	baculoviral IAP repeat-containing 3 [Source:MGI Symbol;Acc:MGI:1197007]		200,5676839	-0,5720773	-1,48666261	7,64799037	12,2323883	0,00046967	0,002662677	protein_coding
ENSMUSG00000024277	Mapre2	microtubule-associated protein, RP/EB family, member 2 [Source:MGI Symbol;Acc:MGI:106271]		101,3436949	-0,5722068	-1,48679612	6,66158598	20,5438721	5,82801E-06	5,3494E-05	protein_coding
ENSMUSG00000028028	Alpk1	alpha-kinase 1 [Source:MGI Symbol;Acc:MGI:1918731]		39,70867934	-0,5723539	-1,48694774	5,31116823	13,5846736	0,00022804	0,001403626	protein_coding
ENSMUSG00000033278	Ptprm	protein tyrosine phosphatase, receptor type, M [Source:MGI Symbol;Acc:MGI:102694]		201,9071755	-0,5724675	-1,48706474	7,65705876	13,0528657	0,000302821	0,001800374	protein_coding
ENSMUSG00000057367	Birc2	baculoviral IAP repeat-containing 2 [Source:MGI Symbol;Acc:MGI:1197009]		31,13606689	-0,5725981	-1,4871994	4,95958519	11,9591	0,000543811	0,003013008	protein_coding
ENSMUSG00000042742	B630005N14Rik	RIKEN cDNA B630005N14 gene [Source:MGI Symbol;Acc:MGI:2141466]		193,9895435	-0,5757007	-1,48940116	7,6003637	16,2363706	5,59104E-05	0,000407893	protein_coding
ENSMUSG00000021877	Arf4	ADP-ribosylation factor 4 [Source:MGI Symbol;Acc:MGI:99433]		181,8559265	-0,576415	-1,49113926	7,50536001	15,9861508	6,38076E-05	0,000458805	protein_coding
ENSMUSG00000021025	Nfkbia	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha [Source:MGI Symbol;Acc:MGI:104741]		200,1659695	-0,5765117	-1,49123925	7,64564221	13,1468647	0,000288001	0,001727219	protein_coding
ENSMUSG00000042507	C130039O16Rik	RIKEN cDNA C130039O16 gene [Source:MGI Symbol;Acc:MGI:2685106]		99,71106852	-0,5765876	-1,49131764	6,63787801	15,939089	6,54138E-05	0,000468514	protein_coding
ENSMUSG00000021947	Cryl1	crystallin, lambda 1 [Source:MGI Symbol;Acc:MGI:1915881]		20,52576232	-0,5772059	-1,4919569	4,3596456	12,6581933	0,000373923	0,002174852	protein_coding
ENSMUSG00000029720	Gm20605	predicted gene 20605 [Source:MGI Symbol;Acc:MGI:5306917]		58,19263907	-0,5786205	-1,49342056	5,84666092	17,1181371	3,51253E-05	0,000266889	protein_coding
ENSMUSG00000081739	Mdm4-ps	transformed mouse 3T3 cell double minute 4, pseudogene [Source:MGI Symbol;Acc:MGI:2136991]		23,65494053	-0,5792475	-1,49406978	4,55839042	10,489837	0,00120033	0,005997281	pseudogene
ENSMUSG00000025508	Rplp2	ribosomal protein, large P2 [Source:MGI Symbol;Acc:MGI:1914436]		367,8112762	-0,5796462	-1,49448272	8,52162643	13,595631	0,000226713	0,000937022	protein_coding
ENSMUSG00000066682	Plirb2	paired immunoglobulin-like type 2 receptor beta 2 [Source:MGI Symbol;Acc:MGI:2450535]		12,32659209	-0,5806024	-1,49547355	3,61790828	6,03137582	0,014053775	0,047686481	protein_coding
ENSMUSG00000000211	Sfp1	SFFV proviral integration 1 [Source:MGI Symbol;Acc:MGI:98282]		605,8764547	-0,5810999	-1,4959893	9,24262547	10,3694143	0,001281202	0,006349375	protein_coding
ENSMUSG00000029455	Alhd2	aldehyde dehydrogenase 2, mitochondrial [Source:MGI Symbol;Acc:MGI:99600]		427,2761436	-0,5814082	-1,49630907	8,73868432	13,6398221	0,000221438	0,00136913	protein_coding
ENSMUSG00000057069	Ero11b	ERO1-like beta (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1914725]		40,23428191	-0,5814557	-1,49635831	5,33112934	17,5503581	2,79798E-05	0,0002188	protein_coding
ENSMUSG00000029461	Fam168a	family with sequence similarity 168, member A [Source:MGI Symbol;Acc:MGI:2442372]		77,00587388	-0,5816059	-1,49651414	6,26363663	18,8152088	1,44014E-05	0,000121265	protein_coding
ENSMUSG00000022378	Fam49b	family with sequence similarity 49, member B [Source:MGI Symbol;Acc:MGI:1923520]		307,0106539	-0,5821232	-1,49705081	8,26216464	14,0183668	0,000114034	0,001149056	protein_coding
ENSMUSG00000051978	Erich1	glutamate-rich 1 [Source:MGI Symbol;Acc:MGI:3588201]		9,234055465	-0,5824726	-1,49741342	3,2005521	6,78022714	0,009217316	0,033949263	protein_coding
ENSMUSG00000022283	Pabpc1	poly(A) binding protein, cytoplasmic 1 [Source:MGI Symbol;Acc:MGI:1349722]		1324,535714	-0,5827958	-1,49774896	10,3711626	8,28149794	0,00005107	0,016834015	protein_coding
ENSMUSG00000045962	Wnk1	WNK lysine deficient protein kinase 1 [Source:MGI Symbol;Acc:MGI:2442092]		1194,044165	-0,5834067	-1,49838332	10,2215595	8,86182609	0,020911961	0,01288175	protein_coding
ENSMUSG00000031708	Tecr	trans-2,3-enoyl-CoA reductase [Source:MGI Symbol;Acc:MGI:1915408]		113,4754151	-0,5835755	-1,49855857	6,8230408	17,9007496	2,32729E-05	0,000186234	protein_coding
ENSMUSG00000030272	Camk1	calcium/calmodulin-dependent protein kinase I [Source:MGI Symbol;Acc:MGI:1098535]		174,7526175	-0,5838428	-1,49883632	7,44565629	16,8322123	4,08343E-05	0,000305201	protein_coding
ENSMUSG00000032312	Csk	c-src tyrosine kinase [Source:MGI Symbol;Acc:MGI:88537]		276,8452908	-0,5860539	-1,50113516	8,11219409	14,80629	0,000119137	0,000796691	protein_coding
ENSMUSG00000066238	Rpl17	ribosomal protein L17 [Source:MGI Symbol;Acc:MGI:2448870]		548,8395541	-0,5882037	-1,50337374	9,09983259	11,3836137	0,000740948	0,003969185	protein_coding
ENSMUSG00000004319	Cln3	chloride channel 3 [Source:MGI Symbol;Acc:MGI:103555]		96,14559963	-0,5893526	-1,50457148	6,58419737	20,5845029	5,52021E-06	5,25021E-05	protein_coding
ENSMUSG00000015488	Cacfd1	calcium channel flower domain containing 1 [Source:MGI Symbol;Acc:MGI:1924317]		27,20998556	-0,589419	-1,50464068	4,75697384	14,4100004	0,000147019	0,0009575	protein_coding
ENSMUSG00000040818	Fam116a	family with sequence similarity 116, member A [Source:MGI Symbol;Acc:MGI:2442980]		80,24269358	-0,5897883	-1,50502585	6,32501922	18,8149361	1,44035E-05	0,000121265	protein_coding
ENSMUS											

ENSMUSG00000034994	Eef2	eukaryotic translation elongation factor 2 [Source:MGI Symbol;Acc:MGI:95288]	Sheet1	2508,870584	-0,5940591	-1,50948781	11,2927569	6,76679605	0,009286941	0,0341599	protein_coding
ENSMUSG00000071708	Sms	spermine synthase [Source:MGI Symbol;Acc:MGI:109490]		65,59136895	-0,5950991	-1,51057633	6,03419949	17,8464915	2,3946E-05	0,000190925	protein_coding
ENSMUSG00000051355	Commd1	COMM domain containing 1 [Source:MGI Symbol;Acc:MGI:109474]		157,12118	-0,5954702	-1,51096498	7,29758403	17,8307166	2,41454E-05	0,000192259	protein_coding
ENSMUSG00000037344	Slic12a9	solute carrier family 12 (potassium/chloride transporters), member 9 [Source:MGI Symbol;Acc:MGI:1933532]		51,24020978	-0,5961096	-1,51132357	5,67084803	14,1882608	0,000156599	0,0001062093	protein_coding
ENSMUSG00000022312	Eif3h	eukaryotic translation initiation factor 3, subunit H [Source:MGI Symbol;Acc:MGI:1915385]		193,1204743	-0,5961801	-1,51170861	7,59221286	18,4380382	1,75519E-05	0,000144995	protein_coding
ENSMUSG00000008668	Rps18	ribosomal protein S18 [Source:MGI Symbol;Acc:MGI:98146]		527,9129607	-0,5963064	-1,51184102	9,0436603	11,8021289	0,00059163	0,003250121	protein_coding
ENSMUSG00000043323	Fbrs1	fibrosin-like 1 [Source:MGI Symbol;Acc:MGI:1920907]		98,41860168	-0,5971786	-1,51275527	6,61263375	20,181334	7,04369E-06	6,34336E-05	protein_coding
ENSMUSG00000038005	2700029M09Rik	RIKEN cDNA 2700029M09 gene [Source:MGI Symbol;Acc:MGI:1919862]		70,89314718	-0,5973718	-1,51295788	6,14693242	19,8157372	8,52777E-06	7,53177E-05	protein_coding
ENSMUSG00000075232	Amd1	S-adenosylmethionine decarboxylase 1 [Source:MGI Symbol;Acc:MGI:88004]		316,0445487	-0,5976337	-1,51323257	8,30425629	14,3003183	0,000155839	0,0001008956	protein_coding
ENSMUSG00000015882	Lcorl	ligand dependent nuclear receptor corepressor-like [Source:MGI Symbol;Acc:MGI:2651932]		29,08156748	-0,597908	-1,51352023	4,85978657	16,0121609	6,29369E-05	0,000453435	protein_coding
ENSMUSG00000038274	Fau	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived) [Source:MGI Symbol;Acc:MGI:1914262]		73,79411666	-0,5986194	-1,51426674	6,19843681	20,7223284	5,30933E-06	4,93099E-05	protein_coding
ENSMUSG00000032855	Pkd1	polycystic kidney disease 1 homolog [Source:MGI Symbol;Acc:MGI:97603]		103,1018533	-0,5991548	-1,51482883	6,68506545	19,7470225	8,83993E-06	7,78864E-05	protein_coding
ENSMUSG00000051906	Cd209f	CD209f antigen [Source:MGI Symbol;Acc:MGI:1916392]		481,4102401	-0,599503	-1,51519455	8,91166028	12,8942815	0,000329588	0,0001943735	protein_coding
ENSMUSG00000032115	Hyou1	hypoxia up-regulated 1 [Source:MGI Symbol;Acc:MGI:108030]		174,3616334	-0,6001442	-1,51586803	7,4449694	17,6767676	2,61805E-05	0,000205993	protein_coding
ENSMUSG00000018909	Arreb1	arrestin, beta 1 [Source:MGI Symbol;Acc:MGI:99473]		459,1595394	-0,6005658	-1,51631115	8,84238377	13,1479054	0,000287841	0,001727202	protein_coding
ENSMUSG00000024177	Nme4	NME/NUM2 nucleoside diphosphate kinase 4 [Source:MGI Symbol;Acc:MGI:1931148]		33,1699349	-0,6008335	-1,51659251	5,04773065	16,7881869	4,17927E-05	0,000311306	protein_coding
ENSMUSG00000030956	Fam53b	family with sequence similarity 53, member B [Source:MGI Symbol;Acc:MGI:1925188]		69,29539132	-0,6015428	-1,51733832	6,10898474	18,4260729	1,76625E-05	0,000145686	protein_coding
ENSMUSG00000021322	Aoah	acyloxyacyl hydrolase [Source:MGI Symbol;Acc:MGI:1350928]		339,3939071	-0,6016301	-1,51743016	8,40684238	13,5236105	0,000235581	0,001444378	protein_coding
ENSMUSG00000061787	Rps17	ribosomal protein S17 [Source:MGI Symbol;Acc:MGI:1309526]		272,1895294	-0,6025579	-1,51840633	8,53920827	14,2408687	0,000160839	0,001035232	protein_coding
ENSMUSG00000059291	Rpl11	ribosomal protein L11 [Source:MGI Symbol;Acc:MGI:1914275]		360,9843621	-0,6033522	-1,51924256	8,02653831	17,7720335	2,49017E-05	0,000197256	protein_coding
ENSMUSG00000034832	Tet3	tet methylcytosine dioxygenase 3 [Source:MGI Symbol;Acc:MGI:2446229]		164,5667222	-0,6035776	-1,51947991	7,35933661	17,7421495	5,22595E-05	0,000199947	protein_coding
ENSMUSG00000064357	mt-Atp6	mitochondrially encoded ATP synthase 6 [Source:MGI Symbol;Acc:MGI:99927]		1854,867037	-0,6038211	-1,51973637	10,8571332	7,93438307	0,004850416	0,019672027	protein_coding
ENSMUSG00000053317	Sec61b	Sec61 beta subunit [Source:MGI Symbol;Acc:MGI:1913462]		49,77128237	-0,6049188	-1,52089315	5,63075073	16,2283475	5,61476E-05	0,000409081	protein_coding
ENSMUSG00000062006	Rpl34	ribosomal protein L34 [Source:MGI Symbol;Acc:MGI:1915686]		308,1800243	-0,6052866	-1,52128089	8,2665464	15,2457301	9,43E-05	0,000646738	protein_coding
ENSMUSG00000060938	Rpl26	ribosomal protein L26 [Source:MGI Symbol;Acc:MGI:106022]		564,9674119	-0,6059727	-1,5220046	9,14170362	11,9581796	0,00054408	0,003013008	protein_coding
ENSMUSG00000040687	Madd	MAP-kinase activating death domain [Source:MGI Symbol;Acc:MGI:2444672]		164,6348763	-0,6063751	-1,52242913	7,36074919	18,9457622	1,34488E-05	0,000113663	protein_coding
ENSMUSG00000030156	Cd69	CD69 antigen [Source:MGI Symbol;Acc:MGI:88343]		13,64488667	-0,6064116	-1,52246763	3,7853984	7,95957474	0,0004783365	0,019479182	protein_coding
ENSMUSG00000030793	Pycard	PYD and CARD domain containing [Source:MGI Symbol;Acc:MGI:1931465]		123,7528696	-0,6066951	-1,52276683	6,94829169	13,2118796	0,00027818	0,0001675639	protein_coding
ENSMUSG00000024851	Pitpnm1	phosphatidylinositol transfer protein, membrane-associated 1 [Source:MGI Symbol;Acc:MGI:1197524]		84,89776831	-0,6070078	-1,52309695	6,40194007	22,1315973	2,54585E-06	2,54427E-05	protein_coding
ENSMUSG00000097096	Themis2	membrane-associated phosphatidylinositol transfer protein 1 isoform 1 [Source:RefSeq peptide;Acc:NP_032877]		84,89776831	-0,6070102	-1,52309949	6,40194626	22,107434	2,57809E-06	2,57037E-05	protein_coding
ENSMUSG00000037731	Themis2	thymocyte selection associated family member 2 [Source:MGI Symbol;Acc:MGI:2446213]		99,85969335	-0,6071116	-1,52320658	6,84106363	19,5962988	9,56543E-06	8,33831E-05	protein_coding
ENSMUSG00000026116	Tmem131	transmembrane protein 131 [Source:MGI Symbol;Acc:MGI:1927110]		191,0045906	-0,6072858	-1,52339051	7,57744632	19,533685	9,88413E-06	8,58474E-05	protein_coding
ENSMUSG00000024807	Syvn1	synovial apoptosis inhibitor 1, synoviolin [Source:MGI Symbol;Acc:MGI:1921376]		91,89354084	-0,6073228	-1,52342953	6,51845506	19,6938296	9,08944E-06	7,98287E-05	protein_coding
ENSMUSG00000074994	Qser1	glutamine and serine rich 1 [Source:MGI Symbol;Acc:MGI:2138986]		38,15874756	-0,6074845	-1,52360034	5,25121067	18,8067817	1,44652E-05	0,000121598	protein_coding
ENSMUSG00000019471	Cdc37	cell division cycle 37 [Source:MGI Symbol;Acc:MGI:109531]		263,8233497	-0,607714	-1,52384274	8,04224024	17,6853362	2,60628E-05	0,000205565	protein_coding
ENSMUSG00000093445	Lrch4	leucine-rich repeats and calponin homology (CH) domain containing 4 [Source:MGI Symbol;Acc:MGI:1917193]		138,3336523	-0,6082143	-1,52437128	7,1094939	17,3676411	3,08026E-05	0,00023833	protein_coding
ENSMUSG00000014867	Surf4	surfeit gene 4 [Source:MGI Symbol;Acc:MGI:98445]		346,9331629	-0,6084096	-1,52457764	8,43833276	13,1938957	0,000280862	0,001689018	protein_coding
ENSMUSG00000058600	Rpl30	ribosomal protein L30 [Source:MGI Symbol;Acc:MGI:98037]		336,5038618	-0,6084924	-1,52466509	8,39356538	15,0084781	0,000107029	0,00027365	protein_coding
ENSMUSG00000026675	Hsd17b7	hydroxysteroid (17-beta) dehydrogenase 7 [Source:MGI Symbol;Acc:MGI:1330808]		20,26472345	-0,6089823	-1,52518294	4,33416274	8,13327707	0,004346013	0,017999707	protein_coding
ENSMUSG00000034522	Zfp395	zinc finger protein 395 [Source:MGI Symbol;Acc:MGI:2682318]		21,77302041	-0,6090707	-1,52527641	4,42141295	13,3226505	0,000262219	0,001589958	protein_coding
ENSMUSG00000026425	Srlp	SLIT-ROBO Rho GTPase activating protein 2 [Source:MGI Symbol;Acc:MGI:109605]		354,2905946	-0,6098081	-1,52605616	8,46839354	14,4178367	0,000146409	0,00095409	protein_coding
ENSMUSG00000006411	PvrL4	poliovirus receptor-related 4 [Source:MGI Symbol;Acc:MGI:1918990]		18,26727315	-0,6101473	-1,52641508	4,17415814	11,1568919	0,000837201	0,004394804	protein_coding
ENSMUSG00000059714	Flot1	flotillin 1 [Source:MGI Symbol;Acc:MGI:1100500]		81,07870767	-0,6102948	-1,52657109	6,33781778	20,5794133	5,7208E-06	5,25539E-05	protein_coding
ENSMUSG00000058546	Rpl23a	ribosomal protein L23A [Source:MGI Symbol;Acc:MGI:3040672]		502,5782121	-0,6115136	-1,52786127	8,97269969	12,1707388	0,000485451	0,0002735204	protein_coding
ENSMUSG00000039232	Stx11	syntaxin 11 [Source:MGI Symbol;Acc:MGI:1921982]		36,95509761	-0,6136521	-1,53012778	5,2076294	12,5844447	0,000389387	0,002258815	protein_coding
ENSMUSG00000042524	41549	Sad1 and UNC84 domain containing 2 [Source:MGI Symbol;Acc:MGI:2443011]		173,549339	-0,6138962	-1,53038668	7,43729321	20,9335759	4,75878E-06	4,47114E-05	protein_coding
ENSMUSG00000032353	Tmed3	transmembrane emp24 domain containing 3 [Source:MGI Symbol;Acc:MGI:1913361]		76,40951294	-0,6139356	-1,53042842	6,2525664	17,4110026	3,01078E-05	0,000233447	protein_coding
ENSMUSG00000041225	Arhgap12	Rho GTPase activating protein 12 [Source:MGI Symbol;Acc:MGI:1922665]		150,946354	-0,6141181	-1,53062201	7,23627545	20,1395818	7,19913E-05	6,47037E-05	protein_coding
ENSMUSG00000022436	Sh3bp1	SH3-domain binding protein 1 [Source:MGI Symbol;Acc:MGI:104603]		174,6448626	-0,6142649	-1,5307778	7,44597887	16,5131348	4,83142E-05	0,0003565	protein_coding
ENSMUSG00000020393	Kremen1	kringle containing transmembrane protein 1 [Source:MGI Symbol;Acc:MGI:1933988]		125,2462098	-0,6145458	-1,53107595	6,96927761	18,5216967	1,67981E-05	0,000139396	protein_coding
ENSMUSG00000026031	Cfar	CASP8 and FADD-like apoptosis regulator [Source:MGI Symbol;Acc:MGI:1336166]		735,9693606	-0,6145963	-1,5311295	8,55434007	13,7531941	0,000208466	0,001299407	protein_coding
ENSMUSG00000039637	Coro7	coronin 7 [Source:MGI Symbol;Acc:MGI:1926135]		164,2758062	-0,6158019	-1,53240949	7,35798722	20,8402644	4,99223E-06	4,67203E-05	protein_coding
ENSMUSG00000030786	Ilgam	integrin alpha M [Source:MGI Symbol;Acc:MGI:96607]		1875,691757	-0,6169301	-1,53360838	10,8731542	6,40263548	0,011395108	0,040490962	protein_coding
ENSMUSG00000011884	Gltp	glycolipid transfer protein [Source:MGI Symbol;Acc:MGI:1929253]		285,9278309	-0,617175	-1,53386873	8,1584665	17,2670117	3,24777E-05	0,000249359	protein_coding
ENSMUSG00000028706	Nsun4	NOL1/NOP2/Sun domain family, member 4 [Source:MGI Symbol;Acc:MGI:1919431]		15,8217012	-0,6173764	-1,53408284	3,98166853	12,5600607	0,000394079	0,002281215	protein_coding
ENSMUSG00000070808	Gltcr1	glioma tumor suppressor candidate region gene 1 [Source:MGI Symbol;Acc:MGI:2154263]		44,59907381	-0,617704	-1,53443125	5,4643395	17,4714057	2,91662E-05	0,000226626	protein_coding
ENSMUSG00000091811	Prr24	proline rich 24 [Source:MGI Symbol;Acc:MGI:1913550]		14,16028884	-0,6178726	-1,53461057	3,79471359	11,0190596	0,000901798	0,004697988	protein_coding
ENSMUSG00000034116	Vav1	vav 1 oncogene [Source:MGI Symbol;Acc:MGI:98923]		630,9608374	-0,6184676	-1,53524361	9,30127526	12,0952315	0,000505509	0,002833879	protein_coding
ENSMUSG00000021156	Zmynd11	zinc finger, MYND domain containing 11 [Source:MGI Symbol;Acc:MGI:1913755]		100,3044069	-0,6185102	-1,53528895	6,64583144	23,24054	1,42952E-06	1,49868E-05	protein_coding
ENSMUSG00000026991	Pkpx4	plakophilin 4 [Source:MGI Symbol;Acc:MGI:109281]		158,6459009	-0,6201285	-1,53701211	7,30992343	16,6003635	4,61422E-05	0,00034185	protein_coding
ENSMUSG00000052270	Fpr2	formyl peptide receptor 2 [Source:MGI Symbol;Acc:MGI:1278319]		76,1066344	-0,6202493	-1,53714074	6,25354402	17,1597297	3,43645E-05	0,000261832	protein_coding
ENSMUSG00000099274	Neat1	nuclear paraspeckle assembly transcript 1 (non-protein coding) [Source:MGI Symbol;Acc:MGI:1914211]		1367,011848	-0,6202843	-1,53717807	10,4166549	8,89053649	0,002865625	0,012709649	non_coding
ENSMUSG00000000088	Cox5a	cytochrome c oxidase, subunit Va [Source:MGI Symbol;Acc:MGI:88474]		289,6560515	-0,620607	-1,53752194	8,17787092	16,4535244	4,98574E-05	0,000367393	protein_coding
ENSMUSG00000095253	Zfp799	zinc finger protein 799 [Source:MGI Symbol;Acc:MGI:2443934]		11,93870955	-0,6210994	-1,53804675	3,56073795	9,17380114	0,000455041	0,01115531	protein_coding
ENSMUSG00000047180	Neur3	neuronal homolog 3 homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:2429944]		246,160896	-0,6220466	-1,53905691	7,94250904	16,1606214	5,81913E-05	0,000421178	protein_coding
ENSMUSG00000034120	Srsf2	serine/arginine-rich splicing factor 2 [Source:MGI Symbol;Acc:MGI:98284]		235,4427003	-0,6227549	-1,53981271	7,87825645	17,1279549	3,49442E-05	0,000265881	protein_coding
ENSMUSG00000028233	Tgs1	trimethylguanosine synthase homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2151797]									

ENSMUSG00000060860	Ube2s	ubiquitin-conjugating enzyme E2S [Source:MGI Symbol;Acc:MGI:1925141]	Sheet1	101,9365498	-0,6250728	-1,54228862	6,66928408	21,3559137	3,81442E-06	3,66338E-05	protein_coding
ENSMUSG00000049517	Rps23	ribosomal protein S23 [Source:MGI Symbol;Acc:MGI:1913725]		142,7382043	-0,6251369	-1,54235714	7,15595535	19,3013365	1,11628E-05	9,57423E-05	protein_coding
ENSMUSG00000017734	Dbndd2	dysbindin (dystrobrevin binding protein 1) domain containing 2 [Source:MGI Symbol;Acc:MGI:106562]		24,87209556	-0,6258054	-1,54307203	4,64098298	13,0009285	0,000311337	0,001846009	protein_coding
ENSMUSG00000053175	Bcl3	B cell leukemia/lymphoma 3 [Source:MGI Symbol;Acc:MGI:88140]		84,02128781	-0,6260277	-1,54330976	6,38971656	18,0428915	2,15984E-05	0,000174358	protein_coding
ENSMUSG00000067288	Rps28	ribosomal protein S28 [Source:MGI Symbol;Acc:MGI:1859516]		184,7953031	-0,6265165	-1,54383282	7,52704132	20,7508766	5,23076E-06	4,87741E-05	protein_coding
ENSMUSG00000048118	Arid4a	AT rich interactive domain 4A (RBP1-like) [Source:MGI Symbol;Acc:MGI:2444354]		57,7326638	-0,6268244	-1,54416226	5,84540345	21,2896601	3,94856E-06	3,78228E-05	protein_coding
ENSMUSG00000097245				7,68424275	-0,6278136	-1,54522143	2,91517891	6,67558792	0,009774227	0,035701273	pseudogene
ENSMUSG00000039461	Tcta	T cell leukemia translocation altered gene [Source:MGI Symbol;Acc:MGI:1918829]		22,86254745	-0,6294224	-1,54694557	4,50250404	12,4787968	0,000411597	0,002362706	protein_coding
ENSMUSG00000036206	Sh3bp4	SH3-domain binding protein 4 [Source:MGI Symbol;Acc:MGI:2138297]		40,29768485	-0,6302053	-1,54778528	5,33409903	15,3407773	8,97582E-05	0,000621016	protein_coding
ENSMUSG00000085385	9430008C03Rik	RIKEN cDNA 9430008C03 gene [Source:MGI Symbol;Acc:MGI:1915358]		26,3023494	-0,6308083	-1,54843229	4,71022937	15,3978272	8,70884E-05	0,000605431	lincRNA
ENSMUSG00000074884	Serf2	small EDRK-rich factor 2 [Source:MGI Symbol;Acc:MGI:1337041]		180,4261735	-0,6311769	-1,54882796	7,49342579	18,9815016	1,31992E-05	0,000111812	protein_coding
ENSMUSG00000078193	Gm2000	predicted gene 2000 [Source:MGI Symbol;Acc:MGI:3780170]		187,3437978	-0,6316226	-1,54930654	7,54780633	18,4034731	1,78732E-05	0,000147096	protein_coding
ENSMUSG00000034271	Jdp2	Jun dimerization protein 2 [Source:MGI Symbol;Acc:MGI:1932093]		31,75113015	-0,6323835	-1,55012381	4,98143899	15,557547	8,00315E-05	0,000560782	protein_coding
ENSMUSG00000038205	Prkab2	protein kinase, AMP-activated, beta 2 non-catalytic subunit [Source:MGI Symbol;Acc:MGI:1336185]		25,30086607	-0,6331273	-1,55092326	4,66224558	18,3244075	1,86305E-05	0,000152075	protein_coding
ENSMUSG00000009739	Pou6f1	POU domain, class 6, transcription factor 1 [Source:MGI Symbol;Acc:MGI:102935]		40,05202393	-0,633396	-1,55121219	5,31619262	19,5648821	9,72403E-06	8,45906E-05	protein_coding
ENSMUSG00000020738	Sumo2	SMT3 suppressor of miif two 3 homolog 2 (yeast) [Source:MGI Symbol;Acc:MGI:2158813]		72,00827301	-0,6335258	-1,55135174	6,16268845	15,7638455	7,17608E-05	0,000509985	protein_coding
ENSMUSG00000052299	Ltn1	listerin E3 ubiquitin protein ligase 1 [Source:MGI Symbol;Acc:MGI:1926163]		120,8121408	-0,6336623	-1,55149845	6,91719519	22,9906994	1,6208E-06	1,68474E-05	protein_coding
ENSMUSG00000052248	Gm13476	predicted gene 13476 [Source:MGI Symbol;Acc:MGI:3652108]		20,0553184	-0,6340025	-1,55186439	4,32679168	14,1407845	0,000169626	0,001084297	antisense
ENSMUSG00000009621	Vav2	vav 2 oncogene [Source:MGI Symbol;Acc:MGI:102718]		87,09164482	-0,6344134	-1,55230644	6,44196047	19,2417746	1,15165E-05	9,84687E-05	protein_coding
ENSMUSG00000069609	Gm11710	predicted gene 11710 [Source:MGI Symbol;Acc:MGI:3702658]		48,64843451	-0,6345122	-1,55241277	5,61399718	18,4207002	1,77123E-05	0,000145991	protein_coding
ENSMUSG00000037563	Rps16	ribosomal protein S16 [Source:MGI Symbol;Acc:MGI:98118]		327,7319035	-0,6345929	-1,55249957	8,35468641	16,1691919	5,79286E-05	0,000419553	protein_coding
ENSMUSG00000040943	Tet2	tet methylcytosine dioxygenase 2 [Source:MGI Symbol;Acc:MGI:2443298]		70,74221665	-0,6357859	-1,55378393	6,14223378	20,8183719	5,04962E-06	4,72172E-05	protein_coding
ENSMUSG00000063457	Rps15	ribosomal protein S15 [Source:MGI Symbol;Acc:MGI:98117]		388,5741092	-0,6361619	-1,55418895	8,6010191	15,1990566	9,67517E-05	0,000661077	protein_coding
ENSMUSG00000032513	Gorasp1	golgi reassembly stacking protein 1 [Source:MGI Symbol;Acc:MGI:1921748]		39,25219019	-0,6363163	-1,55435532	5,28772178	16,7915951	4,17177E-05	0,000310958	protein_coding
ENSMUSG00000010406	Mrp152	mitochondrial ribosomal protein L52 [Source:MGI Symbol;Acc:MGI:1916086]		30,90416482	-0,6366375	-1,55470138	4,94286596	17,6000839	2,72576E-05	0,000213761	protein_coding
ENSMUSG00000004798	Ulk2	unc-51 like kinase 2 [Source:MGI Symbol;Acc:MGI:1352758]		77,68576218	-0,6366582	-1,55472369	6,276135	20,1233198	7,2606E-06	6,50671E-05	protein_coding
ENSMUSG00000027540	Ptpn1	protein tyrosine phosphatase, non-receptor type 1 [Source:MGI Symbol;Acc:MGI:97805]		331,6411993	-0,6367849	-1,55486203	8,3729784	14,1099397	0,00017243	0,001097619	protein_coding
ENSMUSG00000009585	Apobec3	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3 [Source:MGI Symbol;Acc:MGI:1933111]		69,62732811	-0,6376069	-1,55574638	6,12031688	17,3464944	3,11472E-05	0,000240827	protein_coding
ENSMUSG00000011832	Evi5l	ecotropic viral integration site 5 like [Source:MGI Symbol;Acc:MGI:2442167]		21,80853733	-0,6376835	-1,55582898	4,44420754	14,5713921	0,000134948	0,000886659	protein_coding
ENSMUSG00000024608	Rps14	ribosomal protein S14 [Source:MGI Symbol;Acc:MGI:98107]		461,4061975	-0,6384916	-1,55672011	8,84926951	13,5847347	0,000228032	0,001403626	protein_coding
ENSMUSG00000021720	Rnf180	ring finger protein 180 [Source:MGI Symbol;Acc:MGI:1919066]		8,748673824	-0,6389654	-1,55721203	3,11413032	6,89658138	0,008636073	0,032118916	protein_coding
ENSMUSG00000064356	mt-Atp8	mitochondrially encoded ATP synthase 8 [Source:MGI Symbol;Acc:MGI:99926]		14,2894567	-0,6404802	-1,55884789	8,69481391	16,4846335	4,9046E-05	0,000361656	protein_coding
ENSMUSG00000005986	Ankrd13d	ankyrin repeat domain 13 family, member D [Source:MGI Symbol;Acc:MGI:1915673]		25,95366303	-0,6405271	-1,55889861	4,68938164	15,7497342	7,22981E-05	0,000513471	protein_coding
ENSMUSG00000019254	Ppp1r12c	protein phosphatase 1, regulatory (inhibitor) subunit 12C [Source:MGI Symbol;Acc:MGI:1924258]		269,6261662	-0,6409993	-1,55940897	8,07361117	16,8498456	4,04566E-05	0,000302791	protein_coding
ENSMUSG00000020719	Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5 [Source:MGI Symbol;Acc:MGI:105037]		1261,99702	-0,6430012	-1,56157426	10,3013792	9,6667614	0,001876318	0,008885821	protein_coding
ENSMUSG000000031093	Dock11	dedicator of cytokinesis 11 [Source:MGI Symbol;Acc:MGI:1923224]		141,9869905	-0,6440092	-1,5626657	7,14926574	23,369483	1,33683E-06	1,41092E-05	protein_coding
ENSMUSG00000040528	Gm885	predicted gene 885 [Source:MGI Symbol;Acc:MGI:2685731]		137,7999413	-0,6441744	-1,56284465	7,10642255	20,3107013	6,58314E-05	5,97266E-05	protein_coding
ENSMUSG00000083596	Rpl21-ps15	ribosomal protein L21, pseudogene 15 [Source:MGI Symbol;Acc:MGI:3705426]		62,72395373	-0,6447833	-1,56350442	5,9614589	15,304929	9,14775E-05	0,000630134	pseudogene
ENSMUSG00000068114	Ccdc134	coiled-coil domain containing 134 [Source:MGI Symbol;Acc:MGI:1923707]		11,91197654	-0,6448547	-1,56358183	3,56924808	8,25754095	0,004058306	0,017025052	protein_coding
ENSMUSG00000020108	Ddit4	DNA-damage-inducible transcript 4 [Source:MGI Symbol;Acc:MGI:1921997]		8,12788139	-0,644874	-1,56360267	2,99867575	6,62454489	0,010058284	0,03656927	protein_coding
ENSMUSG00000048578	Mlec	mlectin [Source:MGI Symbol;Acc:MGI:1924015]		222,8316173	-0,645202	-1,56395827	7,79852512	19,3803114	1,07106E-05	9,22956E-05	protein_coding
ENSMUSG00000064358	mt-Co3	mitochondrially encoded cytochrome c oxidase III [Source:MGI Symbol;Acc:MGI:102502]		2132,652972	-0,6454228	-1,56419767	11,0584589	8,54494416	0,003464832	0,014952126	protein_coding
ENSMUSG00000079426	Arcp4	actin related protein 2/3 complex, subunit 4 [Source:MGI Symbol;Acc:MGI:1915339]		533,8860292	-0,6455231	-1,56430636	9,06005502	13,8111211	0,000202136	0,001265453	protein_coding
ENSMUSG00000024955	Esrra	estrogen related receptor, alpha [Source:MGI Symbol;Acc:MGI:1346831]		84,59338281	-0,645949	-1,56476824	6,39727999	21,1130034	4,3298E-06	4,11163E-05	protein_coding
ENSMUSG00000048997	Atxn7l2	ataxin 7-like 2 [Source:MGI Symbol;Acc:MGI:1919772]		6,89056088	-0,6471671	-1,56608998	2,76449169	6,32979346	0,011872614	0,041835925	protein_coding
ENSMUSG00000052085	Dock78	dedicator of cytokinesis 8 [Source:MGI Symbol;Acc:MGI:1921396]		243,6091113	-0,6481926	-1,5672036	7,92752409	19,3786448	1,07199E-05	9,23038E-05	protein_coding
ENSMUSG00000024143	Rhoq	ras homolog gene family, member Q [Source:MGI Symbol;Acc:MGI:1931553]		195,5903754	-0,6491409	-1,56823409	7,61175324	15,9218549	6,60121E-05	0,000471877	protein_coding
ENSMUSG00000023004	Tuba1b	tubulin, alpha 1B [Source:MGI Symbol;Acc:MGI:107804]		1064,515574	-0,6492781	-1,56838323	10,0559548	11,0426699	0,000890385	0,0004642935	protein_coding
ENSMUSG00000024053	Emilin2	elastin microfibril interfacer 2 [Source:MGI Symbol;Acc:MGI:2389136]		280,6465501	-0,6497719	-1,56892008	8,13254409	17,491149	2,88648E-05	0,000224602	protein_coding
ENSMUSG00000079165	Sap25	sin3 associated polypeptide [Source:MGI Symbol;Acc:MGI:3802945]		20,3777273	-0,6499459	-1,56910933	4,33393156	10,7744298	0,001029119	0,000529038	protein_coding
ENSMUSG00000096581	Bcl2a1d	B cell leukemia/lymphoma 2 related protein A1d [Source:MGI Symbol;Acc:MGI:1278325]		58,66202553	-0,650192	-1,56937704	5,8750183	12,7027779	0,000365113	0,002133428	protein_coding
ENSMUSG000000031604	Sc4mol	sterol-C4-methyl oxidase-like [Source:MGI Symbol;Acc:MGI:1913484]		65,98696762	-0,6507121	-1,56994288	6,03894883	8,32864378	0,003902478	0,016478297	protein_coding
ENSMUSG00000075071	Vimp	VCP-interacting membrane protein [Source:MGI Symbol;Acc:MGI:95994]		59,95169632	-0,6511081	-1,57037393	5,90329509	16,8781635	3,98575E-05	0,000299326	protein_coding
ENSMUSG00000040618	Pck2	phosphoenolpyruvate carboxykinase 2 (mitochondrial) [Source:MGI Symbol;Acc:MGI:1860456]		46,30181884	-0,6516799	-1,57099642	5,51987011	13,8958926	0,00191322	0,001217265	protein_coding
ENSMUSG00000027522	Stx16	syntaxin 16 [Source:MGI Symbol;Acc:MGI:1923396]		99,78458685	-0,6530281	-1,57246518	6,63697268	23,170208	1,48277E-06	1,55006E-05	protein_coding
ENSMUSG00000000290	Itg2b	integrin beta 2 [Source:MGI Symbol;Acc:MGI:96611]		1411,145339	-0,6531975	-1,57264981	10,4625794	9,629229	0,01091505	0,009022578	protein_coding
ENSMUSG00000017713	Tha1	threonine aldolase 1 [Source:MGI Symbol;Acc:MGI:1919026]		8,240444063	-0,6539005	-1,57341633	3,03188039	6,00533309	0,04262701	0,048291001	protein_coding
ENSMUSG00000039953	Clstn1	calsyntenin 1 [Source:MGI Symbol;Acc:MGI:1929895]		27,48799706	-0,6539337	-1,57345254	4,76335068	20,3943119	6,30168E-06	5,74713E-05	protein_coding
ENSMUSG00000028936	Rpl22	ribosomal protein L22 [Source:MGI Symbol;Acc:MGI:99262]		232,8752203	-0,6542817	-1,57383211	7,86211658	19,8036259	8,58197E-06	7,56743E-05	protein_coding
ENSMUSG00000024858	Adrbk1	adrenergic receptor kinase, beta 1 [Source:MGI Symbol;Acc:MGI:87940]		546,6426029	-0,6555733	-1,57524184	9,09430343	13,7309888	0,000210945	0,001312375	protein_coding
ENSMUSG00000024594	Prrc1	proline-rich coiled-coil 1 [Source:MGI Symbol;Acc:MGI:1916106]		66,3769862	-0,6563483	-1,57608824	6,04743313	19,3606978	1,08211E-05	9,30296E-05	protein_coding
ENSMUSG00000057863	Rpl36	ribosomal protein L36 [Source:MGI Symbol;Acc:MGI:1860603]		183,2529118	-0,6571905	-1,57700853	7,51447823	21,6591286	3,25657E-06	3,17479E-05	protein_coding
ENSMUSG00000007892	Rplp1	ribosomal protein, large, P1 [Source:MGI Symbol;Acc:MGI:1927099]		1137,173982	-0,6576063	-1,57746315	10,1509515	10,9627073	0,000929639	0,004817898	protein_coding
ENSMUSG00000059970	Hspa2	heat shock protein 2 [Source:MGI Symbol;Acc:MGI:96243]		9,663511726	-0,657977	-1,57786858	3,2706802	8,50513839	0,00354145	0,015205123	protein_coding
ENSMUSG00000039987	Phf2	putative homeodomain transcription factor 2 [Source:MGI Symbol;Acc:MGI:1916020]		77,78782041	-0,659484	-1,57851762	6,28472441	25,8148993	3,75776E-07	4,37821E-06	protein_coding
ENSMUSG00000019952	Poc1b	POC1 centriolar protein homolog B (Chlamydomonas) [Source:MGI Symbol;Acc:MGI:1918511]		21,84631939	-0,6605727	-1,58070998	4,4448667	15,5127583	8,19503E-05	0,000572402	protein_coding
ENSMUSG00000026049	Tex30	testis expressed 30 [Source:MGI Symbol;Acc:MGI:1922873]</									

ENSMUSG00000032193	Ldlr	low density lipoprotein receptor [Source:MGI Symbol;Acc:MGI:96765]	Sheet1	105,3678038	-0,6637942	-1,58424363	6,71651605	6,15968997	0,013069411	0,045112668	protein_coding
ENSMUSG00000025036	Sfxn2	sideroflexin 2 [Source:MGI Symbol;Acc:MGI:2137678]		16,66894629	-0,6647014	-1,58524009	4,05129847	14,2760156	0,000157864	0,001019064	protein_coding
ENSMUSG00000031791	Tmem38a	transmembrane protein 38A [Source:MGI Symbol;Acc:MGI:1921416]		8,902317134	-0,6647896	-1,58533709	3,14660297	8,92201946	0,002817528	0,012527794	protein_coding
ENSMUSG00000027952	Pmvk	phosphomevalonate kinase [Source:MGI Symbol;Acc:MGI:1915853]		16,11538129	-0,6649618	-1,58552629	3,996177	10,8413071	0,000992606	0,005011632	protein_coding
ENSMUSG00000020143	Dock2	dedicator of cyto-kinesis 2 [Source:MGI Symbol;Acc:MGI:2149010]		602,3672172	-0,6651227	-1,58570315	9,23414192	14,3118146	0,00015489	0,001003996	protein_coding
ENSMUSG00000062937	Mtap	methylthioadenosine phosphorylase [Source:MGI Symbol;Acc:MGI:1914152]		65,12444556	-0,6655038	-1,5861221	6,02705067	25,3538822	4,77191E-07	5,48995E-06	protein_coding
ENSMUSG00000032434	Cmt1m6	CKLF-like MARVEL transmembrane domain containing 6 [Source:MGI Symbol;Acc:MGI:2447165]		158,898438	-0,6659012	-1,58655901	7,31078775	20,3630909	6,40534E-06	5,82578E-05	protein_coding
ENSMUSG00000017664	Slc35c2	solute carrier family 35, member C2 [Source:MGI Symbol;Acc:MGI:2385166]		72,43907839	-0,6664202	-1,58712988	6,17396682	25,936322	3,52867E-07	4,14204E-06	protein_coding
ENSMUSG00000051457	Spn	sialophorin [Source:MGI Symbol;Acc:MGI:98384]		43,05069532	-0,6661778	-1,58796356	5,41569961	21,034169	4,51165E-06	4,26621E-05	protein_coding
ENSMUSG00000032320	Rcn2	reticulocalbin 2 [Source:MGI Symbol;Acc:MGI:1349765]		63,25352367	-0,667194	-1,58798144	5,98114609	23,7402363	1,10253E-06	1,18412E-05	protein_coding
ENSMUSG00000031668	Eif2ak3	eukaryotic translation initiation factor 2 alpha kinase 3 [Source:MGI Symbol;Acc:MGI:1341830]		25,15303248	-0,668453	-1,58936773	4,64414829	16,3874827	5,1625E-05	0,0003378641	protein_coding
ENSMUSG00000032041	Trap	tolil-interleukin 1 receptor (TIR) domain-containing adaptor protein [Source:MGI Symbol;Acc:MGI:2152213]		44,11680406	-0,6684764	-1,5893935	5,4602096	16,7498799	4,2645E-05	0,000317439	protein_coding
ENSMUSG00000032601	Prkar2a	protein kinase, cAMP dependent regulatory, type II alpha [Source:MGI Symbol;Acc:MGI:108025]		118,3208614	-0,6693915	-1,59040198	6,88602641	22,6743142	1,91916E-06	1,96397E-05	protein_coding
ENSMUSG00000073422	H2-Ke6	H2-K region expressed gene 6 [Source:MGI Symbol;Acc:MGI:95911]		13,04042087	-0,6697407	-1,59078702	3,69671286	12,4252629	0,000423565	0,002421284	protein_coding
ENSMUSG00000079197	Psm2e	proteasome (prosome, macropain) 28 subunit, beta [Source:MGI Symbol;Acc:MGI:1096365]		274,8200343	-0,6710242	-1,59220285	8,10201148	19,3269166	1,10143E-05	9,46159E-05	protein_coding
ENSMUSG00000008393	Carhsp1	calcium regulated heat stable protein 1 [Source:MGI Symbol;Acc:MGI:1196368]		39,16012192	-0,6717384	-1,59299127	5,28807435	20,599213	5,67168E-06	5,22775E-05	protein_coding
ENSMUSG00000021134	Srsf5	serine/arginine-rich splicing factor 5 [Source:MGI Symbol;Acc:MGI:98287]		431,2315316	-0,6722746	-1,59258343	8,75160028	15,4419069	8,50805E-05	0,000592758	protein_coding
ENSMUSG00000060743	H3f3a	H3 histone, family 3A [Source:MGI Symbol;Acc:MGI:1097686]		568,6865535	-0,6724394	-1,59376549	9,15143441	13,9502291	0,000187175	0,001188716	protein_coding
ENSMUSG00000032422	Snx14	sorting nexin 14 [Source:MGI Symbol;Acc:MGI:2155664]		53,14798078	-0,6737219	-1,595183	5,73135022	24,6592144	6,84168E-07	7,16496E-06	protein_coding
ENSMUSG00000069874	Irgm2	immunity-related GTPase family M member 2 [Source:MGI Symbol;Acc:MGI:1926262]		109,5254426	-0,6738843	-1,59536252	6,77422285	22,4913028	2,11097E-06	2,1369E-05	protein_coding
ENSMUSG00000051650	B3gnt2	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [Source:MGI Symbol;Acc:MGI:1889505]		139,4998298	-0,6746964	-1,59626078	7,12252801	13,1009492	0,000293873	0,001755726	protein_coding
ENSMUSG00000070738	Dgkd	diacylglycerol kinase, delta [Source:MGI Symbol;Acc:MGI:2138334]		146,1801304	-0,6748744	-1,59645702	7,1902009	25,9004324	3,59489E-07	4,20249E-06	protein_coding
ENSMUSG00000047921	Trappc9	trafficking protein particle complex 9 [Source:MGI Symbol;Acc:MGI:1923760]		63,09144682	-0,6752219	-1,59684231	5,9766169	23,6138751	1,17736E-06	1,25799E-05	protein_coding
ENSMUSG00000039145	Camk1d	calcium/calmodulin-dependent protein kinase ID [Source:MGI Symbol;Acc:MGI:2442190]		207,9420389	-0,6771528	-1,59989095	7,69933997	16,9166964	3,90565E-05	0,000293914	protein_coding
ENSMUSG00000001323	Srr	serine racemase [Source:MGI Symbol;Acc:MGI:1351636]		13,96140743	-0,6776503	-1,59953248	3,79202404	12,1198956	0,000498867	0,002800742	protein_coding
ENSMUSG00000036634	Mag	myelin-associated glycoprotein [Source:MGI Symbol;Acc:MGI:96912]		8,967340255	-0,6787932	-1,60080016	3,17836173	8,98911467	0,002715925	0,0121399	protein_coding
ENSMUSG00000016529	Il10	interleukin 10 [Source:MGI Symbol;Acc:MGI:96537]		36,59101276	-0,6796735	-1,60177723	5,20198473	17,5451396	2,80567E-05	0,00021909	protein_coding
ENSMUSG00000030759	Far1	fatty acyl CoA reductase 1 [Source:MGI Symbol;Acc:MGI:1914670]		81,72528572	-0,6797257	-1,60183515	6,34880649	25,8176058	3,7525E-07	4,37672E-06	protein_coding
ENSMUSG00000046982	Tshz1	teashirt zinc finger family member 1 [Source:MGI Symbol;Acc:MGI:1346031]		14,43464158	-0,6797427	-1,60185403	3,85065506	12,6784471	0,000332743	0,001958889	protein_coding
ENSMUSG00000040652	Oaz2	ornithine decarboxylase antizyme 2 [Source:MGI Symbol;Acc:MGI:109492]		38,43902547	-0,6798376	-1,60195941	5,25704029	20,6070025	5,63995E-06	5,20194E-05	protein_coding
ENSMUSG00000045969	Ing1	inhibitor of growth family, member 1 [Source:MGI Symbol;Acc:MGI:1349481]		23,81169449	-0,6805908	-1,60279601	4,57245734	13,8597165	0,000196979	0,001235258	protein_coding
ENSMUSG00000033949	Trim36	tripartite motif-containing 36 [Source:MGI Symbol;Acc:MGI:106264]		12,49468439	-0,6809002	-1,60313978	3,63574435	11,0619405	0,000881179	0,004603666	protein_coding
ENSMUSG00000055093	Gm8430	predicted pseudogene 8430 [Source:MGI Symbol;Acc:MGI:3645406]		251,4209375	-0,681527	-1,60383641	7,97224768	20,6354647	5,55574E-06	5,14245E-05	pseudogene
ENSMUSG00000058672	Tubb2a	tubulin, beta 2A class IIA [Source:MGI Symbol;Acc:MGI:107861]		221,2477655	-0,6817982	-1,60413789	7,78965927	22,50512	2,09584E-06	2,12426E-05	protein_coding
ENSMUSG00000032175	Tyk2	tyrosine kinase 2 [Source:MGI Symbol;Acc:MGI:1929470]		116,6717258	-0,68233	-1,6047283	6,8638927	23,6090178	1,18033E-06	1,25906E-05	protein_coding
ENSMUSG00000048249	A930001N09Rik	RIKEN cDNA A930001N09 gene [Source:MGI Symbol;Acc:MGI:1924378]		43,81705829	-0,6833319	-1,60584417	5,44404961	23,8923752	1,01874E-06	1,10931E-05	protein_coding
ENSMUSG00000032402	Smad3	SMAD family member 3 [Source:MGI Symbol;Acc:MGI:1201674]		46,53046902	-0,685072	-1,6077822	5,53803704	22,4117812	2,2002E-06	2,21573E-05	protein_coding
ENSMUSG00000083282	Ctsf	cathepsin F [Source:MGI Symbol;Acc:MGI:1861434]		10,71667899	-0,6851766	-1,60789988	3,40586308	11,1059614	0,000860507	0,00450853	protein_coding
ENSMUSG00000025453	Nnt	nicotinamide nucleotide transhydrogenase [Source:MGI Symbol;Acc:MGI:109279]		65,71267905	-0,6863921	-1,60925405	6,03571547	25,7332142	3,92022E-07	4,56247E-06	protein_coding
ENSMUSG00000032040	Dcps	decaping enzyme, scavenger [Source:MGI Symbol;Acc:MGI:1916555]		18,33940423	-0,6865862	-1,60947056	4,19523068	16,4172636	5,08203E-05	0,000374237	protein_coding
ENSMUSG00000044072	Eml6	echinoderm microtubule associated protein like 6 [Source:MGI Symbol;Acc:MGI:2442895]		15,63548381	-0,6882357	-1,61131184	3,95521717	12,9609218	0,000318061	0,001880803	protein_coding
ENSMUSG00000031827	Cotl1	coactosin-like 1 (Dictyostelium) [Source:MGI Symbol;Acc:MGI:1919292]		927,4319595	-0,6894716	-1,61269276	9,85680526	13,1307789	0,000290484	0,001739263	protein_coding
ENSMUSG00000024952	Rps6ka4	ribosomal protein S6 kinase, polypeptide 4 [Source:MGI Symbol;Acc:MGI:1930076]		93,12800717	-0,6897129	-1,61296251	6,53686324	19,9687903	7,87166E-06	6,99724E-05	protein_coding
ENSMUSG00000091337	Eid1	EP300 interacting inhibitor of differentiation 1 [Source:MGI Symbol;Acc:MGI:1889651]		87,96071809	-0,689866	-1,61313364	6,45298151	23,9891127	9,6882E-07	1,06232E-05	protein_coding
ENSMUSG00000051674	Dcn11	DCN1, defective in cullin neddylation 1, domain containing 4 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:2140972]		13,18639047	-0,6900078	-1,61329222	3,71465096	12,6205946	0,00038152	0,002217862	protein_coding
ENSMUSG00000041453	Rpl21	ribosomal protein L21 [Source:MGI Symbol;Acc:MGI:1278340]		76,70917757	-0,6900536	-1,61334341	6,25789913	26,0350078	3,35282E-07	3,95252E-06	protein_coding
ENSMUSG00000087267	4933427J07Rik	RIKEN cDNA 4933427J07 gene [Source:MGI Symbol;Acc:MGI:1918470]		13,13315963	-0,6901178	-1,6134153	3,69785987	10,528532	0,001175455	0,005889069	antisense
ENSMUSG00000027247	Arhgap1	Rho GTPase activating protein 1 [Source:MGI Symbol;Acc:MGI:2445003]		150,4144105	-0,690128	-1,61342665	7,23165201	23,8447263	1,04428E-06	1,13023E-05	protein_coding
ENSMUSG00000012848	Rps5	ribosomal protein S5 [Source:MGI Symbol;Acc:MGI:1097682]		520,5931323	-0,6901686	-1,61347201	9,02340752	15,5399152	8,07814E-05	0,000564596	protein_coding
ENSMUSG00000015363	Trabd	TraB domain containing [Source:MGI Symbol;Acc:MGI:1915226]		73,68661767	-0,6902322	-1,61354316	6,19975257	19,6720936	9,19342E-06	8,0613E-05	protein_coding
ENSMUSG000000026411	Tmem9	transmembrane protein 9 [Source:MGI Symbol;Acc:MGI:1913491]		31,13145522	-0,6911508	-1,61457094	4,94874091	21,5720704	3,40778E-06	3,30754E-05	protein_coding
ENSMUSG00000036879	Phkb	phosphorylase kinase beta [Source:MGI Symbol;Acc:MGI:97578]		41,51655703	-0,6913994	-1,6148492	5,36614763	21,4132834	3,70198E-06	3,56786E-05	protein_coding
ENSMUSG00000096199	Pthrd1	peptidyl-tRNA hydrolase domain containing 1 [Source:MGI Symbol;Acc:MGI:1916959]		13,96508797	-0,6933273	-1,61700853	3,7831961	11,6190785	0,000652787	0,003543565	protein_coding
ENSMUSG00000015355	Cd48	CD48 antigen [Source:MGI Symbol;Acc:MGI:88339]		136,7660402	-0,6936996	-1,61742582	7,09528234	25,2553062	5,02212E-07	5,07531E-06	protein_coding
ENSMUSG00000032565	Nudt16	nudix (nucleoside diphosphate linked moiety X)-type motif 16 [Source:MGI Symbol;Acc:MGI:1922936]		12,60632072	-0,6938486	-1,61759296	3,63384905	11,6897997	0,000628437	0,003424917	protein_coding
ENSMUSG00000087235	Gm4750	predicted gene 4750 [Source:MGI Symbol;Acc:MGI:3647391]		7,712317382	-0,6944535	-1,61827129	2,95540191	8,20079215	0,00418721	0,017455262	pseudogene
ENSMUSG00000087569	Gm8464	predicted pseudogene 8464 [Source:MGI Symbol;Acc:MGI:3645517]		7,712317382	-0,6944544	-1,61827234	2,95540158	8,20050863	0,0041787865	0,017455262	pseudogene
ENSMUSG00000097431				12,83558583	-0,6945405	-1,61836894	3,66573409	12,8757329	0,00033287	0,001958889	lincRNA
ENSMUSG00000022498	Txndc11	thioredoxin domain containing 11 [Source:MGI Symbol;Acc:MGI:1923620]		44,01101682	-0,6947789	-1,61863634	5,45239074	19,9755454	7,84389E-06	6,98386E-05	protein_coding
ENSMUSG00000030685	Kctd13	potassium channel tetramerising domain containing 13 [Source:MGI Symbol;Acc:MGI:1923739]		17,97473655	-0,6964145	-1,62047248	4,15188941	14,9875523	0,000108223	0,000729922	protein_coding
ENSMUSG00000020823	Sec14l1	SEC14-like 1 (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1921386]		373,9093617	-0,6974631	-1,62165067	8,54597868	17,5534734	2,7934E-05	0,000218598	protein_coding
ENSMUSG00000014905	Dnajb9	DnaJ (Hsp40) homolog, subfamily B, member 9 [Source:MGI Symbol;Acc:MGI:1351618]		46,70242152	-0,6979925	-1,62224585	5,54431954	20,0636581	7,49066E-06	6,68562E-05	protein_coding
ENSMUSG00000042129	Rassf4	Ras association (RalGDS/AF-6) domain family member 4 [Source:MGI Symbol;Acc:MGI:2386853]		1568,401556	-0,6981673	-1,62244241	10,6150594	10,111952	0,0		

ENSMUSG000000040563	BC018242	cDNA sequence BC018242 [Source:MGI Symbol;Acc:MGI:2384575]	Sheet1	18,88299469	-0,703166	-1,62807372	4,22205747	17,8895599	2,34102E-05	0,00018706	protein_coding
ENSMUSG000000050621	Gm9846	predicted gene 9846 [Source:MGI Symbol;Acc:MGI:3704345]		229,8389283	-0,7036556	-1,62862632	7,8427767	21,4007076	3,72634E-06	3,58819E-05	protein_coding
ENSMUSG000000045000	Zfp324	zinc finger protein 324 [Source:MGI Symbol;Acc:MGI:2444641]		9,348784407	-0,7039222	-1,62892732	3,21187717	8,3513154	0,003854082	0,016292728	protein_coding
ENSMUSG000000047617	BC029214	cDNA sequence BC029214 [Source:MGI Symbol;Acc:MGI:2442831]		5,162599073	-0,7053428	-1,63053207	2,34864251	6,14060341	0,013211222	0,484945116	protein_coding
ENSMUSG000000061983	Rps12	ribosomal protein S12 [Source:MGI Symbol;Acc:MGI:981005]		496,178117	-0,7059017	-1,63116385	8,95415371	16,2145679	5,65575E-05	0,000410977	protein_coding
ENSMUSG000000030042	Pole4	polymerase (DNA-directed), epsilon 4 (p12 subunit) [Source:MGI Symbol;Acc:MGI:1914229]		79,71864753	-0,7062651	-1,63157475	6,31462325	28,9257807	7,52053E-08	1,02136E-06	protein_coding
ENSMUSG00000001248	Gramd1a	GRAM domain containing 1A [Source:MGI Symbol;Acc:MGI:105490]		296,851193	-0,7063562	-1,63167781	8,2134481	18,0058136	2,20231E-05	0,000177396	protein_coding
ENSMUSG000000091747	D17H6S56E-5	DNA segment, Chr 17, human D6S56E 5 [Source:MGI Symbol;Acc:MGI:1306799]		64,77327383	-0,7065302	-1,63187463	5,56000551	26,111747	3,12221E-07	7,38048E-06	protein_coding
ENSMUSG000000046330	Rp37a	ribosomal protein L37a [Source:MGI Symbol;Acc:MGI:98066]		321,9371152	-0,7073063	-1,63275273	8,32922658	20,7639943	5,19506E-06	4,84945E-05	protein_coding
ENSMUSG000000033111	3830406C13Rik	RIKEN cDNA 3830406C13 gene [Source:MGI Symbol;Acc:MGI:1917937]		22,8371441	-0,7082795	-1,63385454	4,51137502	19,2959762	1,11942E-05	5,99236E-05	protein_coding
ENSMUSG00000003429	Rps11	ribosomal protein S11 [Source:MGI Symbol;Acc:MGI:1351329]		486,2684177	-0,7086554	-1,63428027	8,92513003	16,3814176	5,17905E-05	0,000379601	protein_coding
ENSMUSG000000027452	Acss1	acyl-CoA synthetase short-chain family member 1 [Source:MGI Symbol;Acc:MGI:1915988]		28,30467773	-0,708882	-1,63453691	4,80945241	21,2559499	4,01861E-06	3,84603E-05	protein_coding
ENSMUSG000000024985	Tcf7l2	transcription factor 7 like 2, T cell specific, HMG box [Source:MGI Symbol;Acc:MGI:1202879]		16,16457218	-0,7090773	-1,6347583	4,01723419	17,5489641	2,80003E-05	0,000218805	protein_coding
ENSMUSG000000026864	Hspa5	heat shock protein 5 [Source:MGI Symbol;Acc:MGI:95835]		780,2816957	-0,7106387	-1,63652851	9,60782136	13,6485088	0,000220416	0,001363578	protein_coding
ENSMUSG00000002395	Use1	unconventional SNARE in the ER 1 homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1914273]		98,3733278	-0,7111265	-1,63708188	6,61514665	21,7374344	3,12631E-06	3,06139E-05	protein_coding
ENSMUSG00000000708	Kat2b	K(lysine) acetyltransferase 2B [Source:MGI Symbol;Acc:MGI:1343094]		60,86086243	-0,7112685	-1,63724308	5,92567612	23,7628961	1,08963E-06	1,1714E-05	protein_coding
ENSMUSG000000006850	Tmco6	transmembrane and coiled-coil domains 6 [Source:MGI Symbol;Acc:MGI:1919233]		9,306702334	-0,7117135	-1,63275272	3,20236814	8,77207083	0,00305878	0,013448104	protein_coding
ENSMUSG000000074505	Fat3	FAT tumor suppressor homolog 3 (Drosophila) [Source:MGI Symbol;Acc:MGI:2444314]		6,434799909	-0,713705	-1,64001044	2,65921177	7,42984529	0,006415086	0,025011549	protein_coding
ENSMUSG000000039646	Vasn	vasorin [Source:MGI Symbol;Acc:MGI:2177651]		18,58368962	-0,7138665	-1,64019399	4,188579	18,397967	1,79249E-05	0,000147411	protein_coding
ENSMUSG000000029580	Actb	actin, beta [Source:MGI Symbol;Acc:MGI:87904]		7517,721048	-0,7146149	-1,64104508	12,8760694	6,83833014	0,00892222	0,03305072	protein_coding
ENSMUSG000000063001	Rps23-ps	ribosomal protein S23, pseudogene [Source:MGI Symbol;Acc:MGI:3705429]		496,4561538	-0,7146581	-1,6410943	8,95494418	16,7002428	4,37754E-05	0,000325193	pseudogene
ENSMUSG000000030220	Arhgdib	Rho, GDP dissociation inhibitor (GDI) beta [Source:MGI Symbol;Acc:MGI:101940]		990,1359016	-0,7154735	-1,64202205	9,9514812	12,9704222	0,000316451	0,00187229	protein_coding
ENSMUSG000000022425	Enpp2	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Source:MGI Symbol;Acc:MGI:1321390]		48,82092697	-0,7155757	-1,64213838	5,61222248	16,0231079	6,25741E-05	0,000451116	protein_coding
ENSMUSG000000055322	Tns1	tensin 1 [Source:MGI Symbol;Acc:MGI:104552]		78,93518095	-0,7156765	-1,64225307	6,29409607	29,3495975	6,04291E-08	8,33042E-07	protein_coding
ENSMUSG000000025104	Hdgfrp3	hepatoma-derived growth factor, related protein 3 [Source:MGI Symbol;Acc:MGI:1352760]		9,33445032	-0,7160798	-1,64271223	3,21484189	10,5204113	0,001180632	0,009512308	protein_coding
ENSMUSG000000020718	Polg2	polymerase (DNA directed), gamma 2, accessory subunit [Source:MGI Symbol;Acc:MGI:1354947]		9,396114198	-0,7170901	-1,64386303	3,2164509	10,6117292	0,001123726	0,005666073	protein_coding
ENSMUSG000000027808	Serp1	stress-associated endoplasmic reticulum protein 1 [Source:MGI Symbol;Acc:MGI:92638]		224,3313123	-0,7171005	-1,64387492	11,1320978	9,68507516	0,001857706	0,008809079	protein_coding
ENSMUSG000000027947	Il6ra	interleukin 6 receptor, alpha [Source:MGI Symbol;Acc:MGI:105304]		499,4561538	-0,7173072	-1,64411043	5,61857343	20,8575012	4,94751E-06	4,63808E-05	protein_coding
ENSMUSG000000024538	Ppic	peptidylprolyl isomerase C [Source:MGI Symbol;Acc:MGI:97751]		29,55733989	-0,717612	-1,6444578	4,88376628	24,0358582	9,45582E-07	1,04099E-05	protein_coding
ENSMUSG000000021892	Sh3bp5	SH3-domain binding protein 5 (BTK-associated) [Source:MGI Symbol;Acc:MGI:1344391]		346,2336727	-0,7177015	-1,6445598	8,43523689	20,0982245	7,35649E-06	6,57095E-05	protein_coding
ENSMUSG00000004661	Arid3b	AT rich interactive domain 3B (BRIGHT-like) [Source:MGI Symbol;Acc:MGI:1930768]		53,30157701	-0,7186893	-1,64568628	5,73088834	25,9866542	3,43786E-07	4,04408E-06	protein_coding
ENSMUSG000000032841	Prr5l	proline rich 5 like [Source:MGI Symbol;Acc:MGI:1919696]		19,37074871	-0,7196021	-1,64672781	4,26080146	16,1961791	5,71092E-05	0,000414438	protein_coding
ENSMUSG000000069682	Gm10275	predicted pseudogene 10275 [Source:MGI Symbol;Acc:MGI:3704354]		572,6138054	-0,7197648	-1,64691354	9,16088607	16,8277625	4,09301E-05	0,00030571	protein_coding
ENSMUSG000000018669	Cdk5rap3	CDK5 regulatory subunit associated protein 3 [Source:MGI Symbol;Acc:MGI:1933126]		27,86154433	-0,7198963	-1,64706368	4,79214276	18,1007925	2,09514E-05	0,00017001	protein_coding
ENSMUSG000000090136	Gm10177	predicted gene 10177 [Source:MGI Symbol;Acc:MGI:3704330]		67,98940143	-0,7199431	-1,64711711	6,08112805	21,8181877	2,99745E-06	2,94308E-05	pseudogene
ENSMUSG000000002043	Trappc6a	trafficking protein particle complex 6A [Source:MGI Symbol;Acc:MGI:1914341]		16,93943108	-0,7207906	-1,64808489	4,0640418	16,8112277	4,12883E-05	0,000308176	protein_coding
ENSMUSG000000039031	Arhgap18	Rho GTPase activating protein 18 [Source:MGI Symbol;Acc:MGI:1921160]		58,81778502	-0,7213323	-1,64870391	5,87116837	28,9160842	7,55827E-08	1,02395E-06	protein_coding
ENSMUSG000000039001	Rps21	ribosomal protein S21 [Source:MGI Symbol;Acc:MGI:1913731]		253,4286729	-0,7213353	-1,64870728	7,98313765	23,1134492	1,52719E-06	1,59347E-05	protein_coding
ENSMUSG000000030766	Arhgap17	Rho GTPase activating protein 17 [Source:MGI Symbol;Acc:MGI:1917747]		175,442988	-0,7217488	-1,64917989	7,45265766	27,0566089	1,97584E-07	2,42282E-06	protein_coding
ENSMUSG000000078453	3110003A17Rik	RIKEN cDNA 3110003A17 gene [Source:MGI Symbol;Acc:MGI:1920362]		92,12445305	-0,7227795	-1,65035854	6,52680645	21,6709266	3,2366E-06	3,15813E-05	protein_coding
ENSMUSG000000041912	Tdrkh	tuden and KH domain containing protein [Source:MGI Symbol;Acc:MGI:1919884]		15,45038817	-0,7232292	-1,65087306	3,94941833	12,800076	0,000346605	0,002031014	protein_coding
ENSMUSG000000026670	Uap1	UDP-N-acetylglucosamine pyrophosphorylase 1 [Source:MGI Symbol;Acc:MGI:1334459]		20,24321102	-0,7246763	-1,65252984	4,32744972	14,9981811	0,000107615	0,000726714	protein_coding
ENSMUSG000000026311	Asb1	ankyrin repeat and SOCS box-containing 1 [Source:MGI Symbol;Acc:MGI:1929735]		21,88897401	-0,7255182	-1,65349447	4,44531541	16,3915972	5,15131E-05	0,000378072	protein_coding
ENSMUSG000000028495	Rps6	ribosomal protein S6 [Source:MGI Symbol;Acc:MGI:98159]		63,01023327	-0,7258703	-1,65389806	5,9721465	12,0734414	0,000511452	0,00286262	protein_coding
ENSMUSG000000024677	Ms4a6b	membrane-spanning 4-domains, subfamily A, member 6B [Source:MGI Symbol;Acc:MGI:1917024]		110,3017162	-0,7261491	-1,65421774	6,78376052	19,3084208	1,11215E-05	9,54623E-05	protein_coding
ENSMUSG000000049775	Tmsb4x	thymosin, beta 4, X chromosome [Source:MGI Symbol;Acc:MGI:99510]		938,965	-0,726206	-1,65428297	13,196436	6,37256746	0,01158978	0,041049938	protein_coding
ENSMUSG00000002983	Relb	avian reticuloendotheliosis viral (v-rel) oncogene related B [Source:MGI Symbol;Acc:MGI:103289]		63,60013344	-0,726355	-1,6544538	5,98819697	21,9722615	2,7662E-06	2,73557E-05	protein_coding
ENSMUSG000000004947	Dtx2	deltex 2 homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:1921448]		73,94876274	-0,7278895	-1,65621445	6,2057295	21,5119276	3,51635E-06	3,04689E-05	protein_coding
ENSMUSG000000033713	Foxn3	forkhead box N3 [Source:MGI Symbol;Acc:MGI:1918625]		20,54621374	-0,7286445	-1,65708148	4,34443993	17,1998663	3,3646E-05	0,000257071	protein_coding
ENSMUSG000000046463	5930403N24Rik	RIKEN cDNA 5930403N24 gene [Source:MGI Symbol;Acc:MGI:2444171]		5,574586079	-0,7293586	-1,65790181	2,51515416	6,79477734	0,000914293	0,033718887	protein_coding
ENSMUSG000000013698	Pea15a	phosphoprotein enriched in astrocytes 15A [Source:MGI Symbol;Acc:MGI:104799]		512,8360872	-0,7305072	-1,65929474	9,00209099	17,0225588	3,699383E-05	0,000279347	protein_coding
ENSMUSG000000035629	1700021K19Rik	RIKEN cDNA 1700021K19 gene [Source:MGI Symbol;Acc:MGI:1915160]		90,93310997	-0,7308487	-1,65961513	6,50124874	24,2019543	8,67442E-07	9,59691E-06	protein_coding
ENSMUSG000000009927	Rps25	ribosomal protein S25 [Source:MGI Symbol;Acc:MGI:1922867]		432,2667631	-0,7321574	-1,66112131	8,75514461	19,5585178	9,75648E-06	8,48057E-05	protein_coding
ENSMUSG000000046027	Stard5	STAR-related lipid transfer (START) domain containing 5 [Source:MGI Symbol;Acc:MGI:2156765]		119,7897333	-0,7323294	-1,66131928	6,90650663	20,6718713	5,45109E-06	5,04985E-05	protein_coding
ENSMUSG000000079435	Rpl36a	ribosomal protein L36A [Source:MGI Symbol;Acc:MGI:1201789]		198,9995461	-0,7346988	-1,66405002	7,63489387	25,9334278	3,53396E-07	4,14383E-06	protein_coding
ENSMUSG000000078921	Ttp2	T cell specific GTPase 2 [Source:MGI Symbol;Acc:MGI:3710083]		16,44970034	-0,7354941	-1,66496757	4,04204753	14,9444721	0,000110722	0,000745406	protein_coding
ENSMUSG000000003617	Gcp2	ceruloplasmin [Source:MGI Symbol;Acc:MGI:88476]		256,2345339	-0,7362618	-1,66585379	8,00130027	13,3704692	0,000255617	0,001554216	protein_coding
ENSMUSG000000023393	Slc17a9	solute carrier family 17, member 9 [Source:MGI Symbol;Acc:MGI:1919107]		10,37985953	-0,7372285	-1,66697036	3,36082416	10,9708729	0,000925552	0,004798978	protein_coding
ENSMUSG000000052056	Zfp217	zinc finger protein 217 [Source:MGI Symbol;Acc:MGI:2685408]		158,8825964	-0,7382163	-1,66811213	7,31033836	22,118127	2,56377E-06	2,58842E-05	protein_coding
ENSMUSG000000031310	Zfmy3	zinc finger, MYM-type 3 [Source:MGI Symbol;Acc:MGI:1927231]		50,32197668	-0,7387712	-1,66875385	5,64261315	26,1101204	3,22489E-07	3,83048E-06	protein_coding
ENSMUSG000000038718	Pbx3	pre B cell leukemia homeobox 3 [Source:MGI Symbol;Acc:MGI:97496]		17,86569502	-0,7395698	-1,66967785	4,15330828	18,385385	1,80437E-05	0,000148166	protein_coding
ENSMUSG000000044150	A830080D01Rik	RIKEN cDNA A830080D01 gene [Source:MGI Symbol;Acc:MGI:2685992]		23,64913702	-0,7402739	-1,67049291	4,55838289	22,4657227	2,13927E-06	2,15833E-05	protein_coding

ENSMUSG00000024975	Pdc4	programmed cell death 4 [Source:MGI Symbol;Acc:MGI:107490]	Sheet1	9,62553015	-0,7484823	-1,68002448	3,24832542	9,1031122	0,002551749	0,01150906	protein_coding
ENSMUSG00000024477	Pgg1b	protein geranylgeranyltransferase type I, beta subunit [Source:MGI Symbol;Acc:MGI:1917514]		54,50962941	-0,7491777	-1,6808337	5,76475947	27,6135247	1,481399E-07	1,86225E-06	protein_coding
ENSMUSG00000027639	Samhd1	SAM domain and HD domain, 1 [Source:MGI Symbol;Acc:MGI:1927468]		800,0463275	-0,7494736	-1,68117927	9,64376278	15,0582688	0,000104243	0,000070742	protein_coding
ENSMUSG00000024981	Asc15	acyl-CoA synthetase long-chain family member 5 [Source:MGI Symbol;Acc:MGI:1919129]		327,0985932	-0,7512424	-1,68324181	8,35321336	17,9115965	2,31407E-05	0,000185446	protein_coding
ENSMUSG00000031749	Slc3gal2	ST3 beta-galactoside alpha-2,3-sialyltransferase 2 [Source:MGI Symbol;Acc:MGI:99427]		55,15600828	-0,7520113	-1,68413907	5,7779794	22,3207655	2,30698E-06	2,3169E-05	protein_coding
ENSMUSG00000085334	Gm12940	predicted gene 12940 [Source:MGI Symbol;Acc:MGI:3702626]		6,487255396	-0,7559833	-1,6878219	2,68471851	7,78138736	0,005278724	0,021221128	processed_transcript
ENSMUSG00000027219	Slc28a2	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2 [Source:MGI Symbol;Acc:MGI:1913105]		119,392611	-0,7562451	-1,68908875	6,90072023	23,1082387	1,53133E-06	1,59628E-05	protein_coding
ENSMUSG00000059493	Nhs	Nance-Horan syndrome (human) [Source:MGI Symbol;Acc:MGI:2684894]		45,36099223	-0,7565728	-1,6894722	5,50215322	19,4017972	1,05907E-05	9,13347E-05	protein_coding
ENSMUSG00000039936	Pik3cd	phosphatidylinositol 3-kinase catalytic delta polypeptide [Source:MGI Symbol;Acc:MGI:1098211]		249,7879799	-0,7573125	-1,6903389	7,96387781	20,3960565	6,29594E-06	5,74713E-05	protein_coding
ENSMUSG00000072235	Tuba1a	tubulin, alpha 1A [Source:MGI Symbol;Acc:MGI:98869]		92,44680752	-0,7576767	-1,69076569	6,52714661	17,2814634	3,22316E-05	0,000247989	protein_coding
ENSMUSG00000035711	Dok3	docking protein 3 [Source:MGI Symbol;Acc:MGI:1351490]		127,6385165	-0,7578257	-1,69094033	6,99150892	24,1597689	8,86653E-07	9,08078E-06	protein_coding
ENSMUSG00000031728	Zfp821	zinc finger protein 821 [Source:MGI Symbol;Acc:MGI:1923121]		27,43832056	-0,7582487	-1,69143617	4,78210191	21,89759	2,87595E-06	2,83137E-05	protein_coding
ENSMUSG00000067344	Rps25-ps1	ribosomal protein S25, pseudogene 1 [Source:MGI Symbol;Acc:MGI:3642902]		19,81846232	-0,7584461	-1,69166753	4,29749807	15,3915486	8,73782E-05	0,000606459	pseudogene
ENSMUSG00000015702	Anxa9	annexin A9 [Source:MGI Symbol;Acc:MGI:1923711]		8,549136451	-0,7587396	-1,6920118	3,07124668	10,3646696	0,001284499	0,006359977	protein_coding
ENSMUSG00000093930	Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 [Source:MGI Symbol;Acc:MGI:107592]		79,68002064	-0,7598561	-1,69332172	6,31204052	12,3852898	0,000432729	0,002468535	protein_coding
ENSMUSG00000001366	Fbxo9	f-box protein 9 [Source:MGI Symbol;Acc:MGI:1918788]		18,39103776	-0,7600659	-1,69356803	4,18756702	20,7661337	5,18925E-06	4,84816E-05	protein_coding
ENSMUSG00000025262	Rps26	ribosomal protein S26 [Source:MGI Symbol;Acc:MGI:1351628]		332,9977199	-0,7610714	-1,69474871	8,3782033	21,9883728	2,74307E-06	2,7176E-05	protein_coding
ENSMUSG00000030089	Slc41a3	solute carrier family 41, member 3 [Source:MGI Symbol;Acc:MGI:1918949]		26,27791998	-0,7616001	-1,69536995	4,69975822	21,5856084	3,38381E-06	3,293E-05	protein_coding
ENSMUSG00000020122	Egfr	epidermal growth factor receptor [Source:MGI Symbol;Acc:MGI:95294]		8,604570654	-0,7618008	-1,69560584	3,09624161	9,789652	0,001754967	0,008412661	protein_coding
ENSMUSG00000022895	Ets2	E26 avian leukemia oncogene 2, 3' domain [Source:MGI Symbol;Acc:MGI:95456]		326,0447119	-0,7618886	-1,695709	8,34958609	20,8805944	4,88822E-06	4,59033E-05	protein_coding
ENSMUSG00000022136	Dnaj3	DnaJ (Hsp40) homolog, subfamily C, member 3 [Source:MGI Symbol;Acc:MGI:107373]		121,1223693	-0,7620518	-1,69590077	6,91857234	28,2927479	1,04286E-07	1,36566E-06	protein_coding
ENSMUSG00000058446	Znrf2	zinc and ring finger 2 [Source:MGI Symbol;Acc:MGI:1196246]		244,8283104	-0,763125	-1,69716283	7,93507812	24,7321402	6,58764E-07	7,37802E-06	protein_coding
ENSMUSG00000033467	Crif2	cytokine receptor-like factor 2 [Source:MGI Symbol;Acc:MGI:1889506]		77,63027024	-0,7634616	-1,69755881	6,26958514	31,4305678	2,06701E-08	3,11526E-07	protein_coding
ENSMUSG00000042249	Adrbk2	adrenergic receptor kinase, beta 2 [Source:MGI Symbol;Acc:MGI:87941]		75,28867822	-0,764001	-1,69819368	6,23107601	24,9755035	5,80634E-07	6,55645E-06	protein_coding
ENSMUSG00000000958	Slc7a7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7 [Source:MGI Symbol;Acc:MGI:1337120]		58,62492161	-0,7652614	-1,69967791	5,87278132	27,32199	1,72241E-07	2,14074E-06	protein_coding
ENSMUSG00000031246	Sh3bgrl	SH3-binding domain glutamic acid-rich protein like [Source:MGI Symbol;Acc:MGI:1930849]		741,6573282	-0,7660423	-1,70059817	9,53438104	18,3920442	1,79807E-05	0,000147759	protein_coding
ENSMUSG00000022365	Der1	Der1-like domain family, member 1 [Source:MGI Symbol;Acc:MGI:1915069]		246,900918	-0,7673664	-1,70215971	7,94675619	22,4891349	2,11336E-06	2,13414E-05	protein_coding
ENSMUSG00000001467	Cyp51	cytochrome P450, family 51 [Source:MGI Symbol;Acc:MGI:106400]		45,75230432	-0,7680581	-1,70297596	5,51044199	7,35176326	0,006699702	0,025946841	protein_coding
ENSMUSG00000045625	Pigz	phosphatidylinositol glycan anchor biosynthesis, class Z [Source:MGI Symbol;Acc:MGI:2443822]		12,61951567	-0,7687094	-1,70374499	3,65491457	15,3931528	8,73041E-05	0,000606327	protein_coding
ENSMUSG00000039115	Iltga9	integrin alpha 9 [Source:MGI Symbol;Acc:MGI:104756]		86,66028459	-0,7700087	-1,7053726	6,43813534	30,1968199	3,90349E-08	5,99891E-07	protein_coding
ENSMUSG00000022463	Sreb2	sterol regulatory element binding factor 2 [Source:MGI Symbol;Acc:MGI:107585]		147,9789252	-0,7713936	-1,70691782	7,20637973	20,7411042	5,25752E-06	4,89529E-05	protein_coding
ENSMUSG00000031328	Fina	filamin, alpha [Source:MGI Symbol;Acc:MGI:95556]		1988,719419	-0,7716919	-1,70727079	10,9575789	12,5839249	0,000389079	0,002258219	protein_coding
ENSMUSG00000020668	Oat	ornithine aminotransferase [Source:MGI Symbol;Acc:MGI:97394]		137,8261725	-0,7728707	-1,70866633	7,10497048	31,3467698	2,15817E-08	3,24376E-07	protein_coding
ENSMUSG00000020964	Mtln1	sel-1 suppressor of lin-12-like (C. elegans) [Source:MGI Symbol;Acc:MGI:1329016]		292,793671	-0,773947	-1,70994155	8,19304197	23,2106325	1,45192E-06	1,51927E-05	protein_coding
ENSMUSG00000030269	Mtmr14	myotubularin related protein 14 [Source:MGI Symbol;Acc:MGI:1916075]		94,36673918	-0,7740922	-1,71011366	6,55943321	31,1872167	2,34030E-08	3,48821E-07	protein_coding
ENSMUSG00000046546	Fam43a	family with sequence similarity 43, member A [Source:MGI Symbol;Acc:MGI:2676309]		31,61548094	-0,7742059	-1,71024841	4,9750817	15,6109652	7,78021E-05	0,000547956	protein_coding
ENSMUSG00000067714	Lpar5	lyso-phosphatidic acid receptor 5 [Source:MGI Symbol;Acc:MGI:2685918]		13,49167388	-0,7742107	-1,71025417	3,71894203	15,4189757	8,61192E-05	0,000599234	protein_coding
ENSMUSG00000045128	Rpl18a	ribosomal protein L18A [Source:MGI Symbol;Acc:MGI:1924058]		292,3968138	-0,7755729	-1,71186968	8,19012062	23,8806561	1,02497E-06	1,11388E-05	protein_coding
ENSMUSG00000026187	Xrcc5	X-ray repair complementing defective repair in Chinese hamster cells 5 [Source:MGI Symbol;Acc:MGI:104517]		3,939777764	-0,7761229	-1,71252239	1,97426019	5,95373888	0,014686105	0,049404848	protein_coding
ENSMUSG00000031015	Swap70	SWA-70 protein [Source:MGI Symbol;Acc:MGI:1298390]		241,9847967	-0,7765529	-1,71303293	7,91786618	27,7128061	1,40728E-07	1,79163E-06	protein_coding
ENSMUSG00000081344	Gm14303	predicted gene 14303 [Source:MGI Symbol;Acc:MGI:3651379]		65,63684798	-0,7765641	-1,71304625	6,03203105	24,876971	6,11081E-07	6,8861E-06	pseudogene
ENSMUSG00000029672	Fam3c	family with sequence similarity 3, member C [Source:MGI Symbol;Acc:MGI:107892]		65,44912827	-0,7767184	-1,71322942	6,02743565	32,2743026	1,33872E-08	2,08632E-07	protein_coding
ENSMUSG00000005034	Pirkac	protein kinase, cAMP dependent, catalytic, beta [Source:MGI Symbol;Acc:MGI:97594]		223,3913217	-0,7768289	-1,71336072	7,80242117	29,7879754	4,81972E-08	6,79772E-07	protein_coding
ENSMUSG00000030410	Dmwd	dystrophia myotonica-containing WD repeat motif [Source:MGI Symbol;Acc:MGI:94907]		6,600628369	-0,7786925	-1,71557532	2,81202589	7,49150229	0,006199082	0,024821395	protein_coding
ENSMUSG00000066152	Pfc1a2	solute carrier family 31, member 2 [Source:MGI Symbol;Acc:MGI:1333844]		278,4538689	-0,7814613	-1,71887104	8,12064916	26,0239148	3,37214E-07	3,97103E-06	protein_coding
ENSMUSG00000020387	Phf15	PHD finger protein 15 [Source:MGI Symbol;Acc:MGI:1924151]		224,4054446	-0,7829946	-1,72069886	7,8090106	24,7395144	6,56248E-07	7,36486E-06	protein_coding
ENSMUSG00000087150	BC064078	cDNA sequence BC064078 [Source:MGI Symbol;Acc:MGI:3040692]		5,083786841	-0,7834414	-1,7212318	2,3270483	6,78766428	0,009178993	0,033842146	pseudogene
ENSMUSG00000064363	mt-Nd4	mitochondrially encoded NADH dehydrogenase 4 [Source:MGI Symbol;Acc:MGI:102498]		1003,2622116	-0,7840906	-1,72200656	9,97054526	16,8642042	4,01517E-05	0,000301124	protein_coding
ENSMUSG00000020668	Kif3c	kinesin family member 3C [Source:MGI Symbol;Acc:MGI:107979]		216,8889826	-0,7852534	-1,72339503	7,76110344	23,5992106	1,18636E-06	1,26426E-05	protein_coding
ENSMUSG00000056185	Snx32	sorting nexin 32 [Source:MGI Symbol;Acc:MGI:2444704]		14,46316453	-0,7855132	-1,72370535	3,83511775	14,4009921	0,000147724	0,000960353	protein_coding
ENSMUSG00000035199	Art6ip5	ADP-ribosylation factor-like 6 interacting protein 5 [Source:MGI Symbol;Acc:MGI:1929501]		202,0678457	-0,7857255	-1,72395905	7,65804273	27,014968	2,01886E-07	2,46732E-06	protein_coding
ENSMUSG00000038418	Egr1	early growth response 1 [Source:MGI Symbol;Acc:MGI:95295]		8,607834931	-0,7867311	-1,72516108	3,1031828	9,56879159	0,00197913	0,009284672	protein_coding
ENSMUSG00000041841	Rpl37	ribosomal protein L37 [Source:MGI Symbol;Acc:MGI:1914531]		112,4732139	-0,7869164	-1,72538271	6,80919164	31,4841808	2,01072E-08	3,03875E-07	protein_coding
ENSMUSG00000032047	Acat1	acetyl-Coenzyme A acetyltransferase 1 [Source:MGI Symbol;Acc:MGI:87870]		39,99294607	-0,7884378	-1,72720315	5,31706125	27,6109311	1,48338E-07	1,86256E-06	protein_coding
ENSMUSG00000018401	Mtmr4	myotubularin related protein 4 [Source:MGI Symbol;Acc:MGI:2180699]		56,29271645	-0,7895824	-1,72857404	5,81080845	27,6357841	1,46444E-07	1,84728E-06	protein_coding
ENSMUSG00000036908	Unc93b1	unc-93 homolog B1 (C. elegans) [Source:MGI Symbol;Acc:MGI:1859307]		906,5263951	-0,7898975	-1,72895161	9,96055077	15,2051329	9,64409E-05	0,000659774	protein_coding
ENSMUSG00000024949	Sf1	splicing factor 1 [Source:MGI Symbol;Acc:MGI:1095403]		395,8887729	-0,7903804	-1,7295304	8,25432801	23,7917164	1,07343E-06	1,15853E-05	protein_coding
ENSMUSG00000014503	Pkd2l2	polycystic kidney disease 2-like 2 [Source:MGI Symbol;Acc:MGI:1858231]		5,680514841	-0,7904847	-1,72965544	2,4734345	7,38229879	0,006586892	0,025572504	protein_coding
ENSMUSG00000037685	Atp8a1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1 [Source:MGI Symbol;Acc:MGI:1330848]		100,7279502	-0,7913744	-1,73072246	6,65163876	33,8672427	5,90044E-09	9,74859E-08	protein_coding
ENSMUSG00000030055	Rab43	RAB43, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:1917084]		183,0402721	-0,7918697	-1,7313167	7,51456464	26,5143877	2,61583E-07	3,15478E-06	protein_coding
ENSMUSG00000020105	Slc39a13	solute carrier family 39 (metal ion transporter), member 13 [Source:MGI Symbol;Acc:MGI:1915677]		202,24400171	-0,7923078	-1,73184255	7,6584573	20,2932493	6,64346E-06	6,02241E-05	protein_coding
ENSMUSG00000018672	Cop2	coatamer protein complex, subunit zeta 2 [Source:MGI Symbol;Acc:MGI:1929008]		56,64673868	-0,7943455	-1,73453082	2,47820372	8,60822934	0,003346475	0,014498312	protein_coding
ENSMUSG00000045193	Cirbp	cold inducible RNA binding protein [Source:MGI Symbol;Acc:MGI:893588]		19,39422206	-0,7946099	-1,734					

ENSMUSG00000038608	Dock10	dedicator of cytokinesis 10 [Source:MGI Symbol;Acc:MGI:2146320]	Sheet1	237,9570389	-0,7991144	-1,74003264	7,89407568	32,3598546	1,28106E-08	2,00213E-07	protein_coding
ENSMUSG00000026126	Ptpn18	protein tyrosine phosphatase, non-receptor type 18 [Source:MGI Symbol;Acc:MGI:108410]		51,14010217	-0,7997871	-1,74083681	5,66471641	30,5391846	3,27191E-08	4,79953E-07	protein_coding
ENSMUSG00000071415	Rpl23	ribosomal protein L23 [Source:MGI Symbol;Acc:MGI:1929455]		762,7061744	-0,7997951	-1,74085387	9,57466901	17,875341	2,35857E-05	0,000188326	protein_coding
ENSMUSG00000030707	Coro1a	coronin, actin binding protein 1A [Source:MGI Symbol;Acc:MGI:1345961]		679,784878	-0,8011493	-1,74248876	9,4086435	18,3293923	1,85818E-05	0,000151791	protein_coding
ENSMUSG00000037972	Snn	stannin [Source:MGI Symbol;Acc:MGI:1276549]		8,389801038	-0,8018581	-1,74334504	3,05238306	11,291659	0,000778561	0,004144403	protein_coding
ENSMUSG00000058715	Fcerg1	Fc receptor, IgE, high affinity 1, gamma polypeptide [Source:MGI Symbol;Acc:MGI:95496]		1087,976483	-0,8029941	-1,74471828	10,087362	15,338387	8,98717E-05	0,00062141	protein_coding
ENSMUSG00000081051	Gm15427	predicted pseudogene 15427 [Source:MGI Symbol;Acc:MGI:3642341]		267,4312338	-0,8041389	-1,74610325	8,06107442	27,0265529	2,0068E-07	2,45531E-06	pseudogene
ENSMUSG00000043940	Wdfy3	WD repeat and FYVE domain containing 3 [Source:MGI Symbol;Acc:MGI:1096875]		605,614365	-0,8047499	-1,74684292	9,24201835	20,1047025	7,33162E-06	6,565E-05	protein_coding
ENSMUSG00000029174	Tbc1d1	TBC1 domain family, member 1 [Source:MGI Symbol;Acc:MGI:1889508]		72,88414531	-0,8051218	-1,74729332	6,18409873	35,7018722	2,29943E-09	4,10179E-08	protein_coding
ENSMUSG00000044162	Tnip3	TNFAIP3 interacting protein 3 [Source:MGI Symbol;Acc:MGI:3041165]		159,8452027	-0,8054973	-1,74774827	7,32091443	26,0721253	3,28898E-07	3,88978E-06	protein_coding
ENSMUSG00000031349	Nsdhl	NAD(P) dependent steroid dehydrogenase-like [Source:MGI Symbol;Acc:MGI:1099438]		25,46535634	-0,8072546	-1,74987822	4,66184184	14,1251637	0,000117104	0,001091301	protein_coding
ENSMUSG00000033685	Ucp2	uncoupling protein 2 (mitochondrial, proton carrier) [Source:MGI Symbol;Acc:MGI:109354]		785,5703503	-0,8079175	-1,75068226	9,61722553	17,9998062	2,20927E-05	0,000177826	protein_coding
ENSMUSG00000032652	Creb1	cAMP responsive element binding protein-like 2 [Source:MGI Symbol;Acc:MGI:1889385]		24,02202024	-0,808298	-1,75114429	4,57503703	20,0347744	7,60466E-06	6,78185E-05	protein_coding
ENSMUSG00000020321	Mdh1	malate dehydrogenase 1, NAD (soluble) [Source:MGI Symbol;Acc:MGI:97051]		201,2274311	-0,8086842	-1,75161316	7,65212715	34,2744376	4,78627E-09	8,01517E-08	protein_coding
ENSMUSG00000025732	Fam195a	family with sequence similarity 195, member A [Source:MGI Symbol;Acc:MGI:1915491]		6,60842781	-0,8088751	-1,75184501	2,6983698	9,1774353	0,002450171	0,01142397	protein_coding
ENSMUSG00000006333	Rps9	ribosomal protein S9 [Source:MGI Symbol;Acc:MGI:1924096]		693,2389835	-0,8092056	-1,75224635	9,43672778	17,0404788	3,65914E-05	0,000277071	protein_coding
ENSMUSG00000006442	Srm	spermidine synthase [Source:MGI Symbol;Acc:MGI:102609]		40,04337807	-0,8092997	-1,75212604	5,31911343	28,5345723	9,20403E-08	1,2169E-06	protein_coding
ENSMUSG00000004317	Cln5	chloride channel 5 [Source:MGI Symbol;Acc:MGI:99486]		135,2385888	-0,8106489	-1,75400002	7,0785009	25,9001222	3,95946E-07	4,20249E-06	protein_coding
ENSMUSG00000021311	Mtr	5-methyltetrahydrofolate-homocysteine methyltransferase [Source:MGI Symbol;Acc:MGI:894292]		163,1780656	-0,810726	-1,75409388	7,34947842	34,2717422	4,79291E-09	8,01571E-08	protein_coding
ENSMUSG00000001270	Ckb	creatine kinase, brain [Source:MGI Symbol;Acc:MGI:88407]		488,345337	-0,8125997	-1,7563735	8,93111113	24,1688194	8,82496E-07	7,7447E-06	protein_coding
ENSMUSG00000007029	Vars	valyl-tRNA synthetase [Source:MGI Symbol;Acc:MGI:90675]		105,783746	-0,8143704	-1,7558306	6,72082993	33,7799462	6,177117E-09	1,01047E-07	protein_coding
ENSMUSG00000094856	Gm17316	predicted gene, 17316 [Source:MGI Symbol;Acc:MGI:4936950]		8,26470372	-0,8154126	-1,75980131	3,02382618	8,61062362	0,00342079	0,014484977	protein_coding
ENSMUSG00000058793	Cds2	CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 2 [Source:MGI Symbol;Acc:MGI:1332236]		321,9005356	-0,8154922	-1,75989852	8,32959639	28,7811548	8,10358E-08	1,08314E-06	protein_coding
ENSMUSG00000003206	Ebi3	Epstein-Barr virus induced gene 3 [Source:MGI Symbol;Acc:MGI:1354171]		261,5440388	-0,8157544	-1,76120183	8,03008139	22,8682645	1,73493E-06	1,79151E-05	protein_coding
ENSMUSG00000032589	Bsn	bassoon [Source:MGI Symbol;Acc:MGI:1277955]		35,4530684	-0,8165064	-1,76113607	5,12975729	33,4618067	7,26772E-09	1,17774E-07	protein_coding
ENSMUSG00000060036	Rpl3	ribosomal protein L3 [Source:MGI Symbol;Acc:MGI:1351605]		771,7869024	-0,8173758	-1,76219773	9,59179798	17,226812	3,31722E-05	0,000253981	protein_coding
ENSMUSG00000079641	Rpl39	ribosomal protein L39 [Source:MGI Symbol;Acc:MGI:1914498]		342,4493313	-0,8174647	-1,76230628	8,41890959	23,8167788	1,05955E-06	1,14467E-05	protein_coding
ENSMUSG00000026727	Rsu1	Ras suppressor protein 1 [Source:MGI Symbol;Acc:MGI:103040]		122,4500831	-0,8176305	-1,76250887	6,93504616	34,5625017	4,12782E-09	6,99882E-08	protein_coding
ENSMUSG00000034731	Dgkh	dihydroxyacetone kinase, eta [Source:MGI Symbol;Acc:MGI:2444188]		44,04835597	-0,8178221	-1,76274288	5,46446617	29,3688926	5,98304E-08	8,28165E-07	protein_coding
ENSMUSG00000033450	Tagap	T cell activation Rho GTPase activating protein [Source:MGI Symbol;Acc:MGI:3615484]		119,3825986	-0,818096	-1,76270761	6,8974629	23,5300872	1,22976E-06	1,17729E-05	protein_coding
ENSMUSG00000002346	Slc25a42	solute carrier family 25, member 42 [Source:MGI Symbol;Acc:MGI:1920345]		4,959244347	-0,8190776	-1,76427763	2,29682917	7,94760455	0,004815107	0,019581555	protein_coding
ENSMUSG00000040586	Ofd1	oral-facial-digital syndrome 1 gene homolog (human) [Source:MGI Symbol;Acc:MGI:1350328]		29,44675575	-0,8208187	-1,76400815	4,87748824	28,8743516	7,72288E-08	1,0424E-06	protein_coding
ENSMUSG00000056091	Sl3gal5	ST3 beta-galactoside alpha-2,3-sialyltransferase 5 [Source:MGI Symbol;Acc:MGI:1339963]		70,89973432	-0,8213024	-1,76700048	6,15265849	39,6248965	3,07735E-10	6,39147E-09	protein_coding
ENSMUSG00000002885	Cd97	CD97 antigen [Source:MGI Symbol;Acc:MGI:1347095]		125,5640511	-0,8213346	-1,76703985	6,97459878	32,41093	1,24783E-08	1,95576E-07	protein_coding
ENSMUSG00000079470	Utp14b	UTP14, U3 small nucleolar ribonucleoprotein, homolog B (yeast) [Source:MGI Symbol;Acc:MGI:2445092]		10,00501442	-0,8221637	-1,76805566	3,29961068	9,30523512	0,002285	0,010504307	protein_coding
ENSMUSG000000066233	Tmem42	transmembrane protein 42 [Source:MGI Symbol;Acc:MGI:1277176]		5,85634867	-0,8224825	-1,76844638	2,51804378	8,38541033	0,003782448	0,016081539	protein_coding
ENSMUSG00000064061	Dzip3	DAZ interacting protein 3, zinc finger [Source:MGI Symbol;Acc:MGI:1917433]		22,9706537	-0,8226645	-1,76866953	4,51288351	21,0552738	4,46223E-06	4,22642E-05	protein_coding
ENSMUSG00000037999	Arap2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 [Source:MGI Symbol;Acc:MGI:2684416]		65,65104667	-0,8234458	-1,76962762	6,03562456	39,2886904	3,65553E-10	4,74791E-09	protein_coding
ENSMUSG00000040430	Pitpcn1	phosphatidylinositol transfer protein, cytoplasmic 1 [Source:MGI Symbol;Acc:MGI:1919045]		328,6220991	-0,8234624	-1,76964797	8,35988256	24,3191427	8,16239E-07	9,08613E-06	protein_coding
ENSMUSG00000064141	Zfp69	zinc finger protein 69 [Source:MGI Symbol;Acc:MGI:107794]		3,634825521	-0,8235948	-1,76981036	1,84322322	6,01090364	0,014217745	0,048168474	protein_coding
ENSMUSG00000022091	Sorbs3	sorbin and SH3 domain containing 3 [Source:MGI Symbol;Acc:MGI:700013]		25,98617975	-0,8238088	-1,77007295	4,68668937	24,0302908	9,4823E-07	1,04283E-05	protein_coding
ENSMUSG00000060791	Gmf3	glia maturation factor, gamma [Source:MGI Symbol;Acc:MGI:1927135]		81,71960882	-0,8242668	-1,7706349	6,35131286	26,8777929	2,16735E-07	2,63706E-06	protein_coding
ENSMUSG00000000686	Abhd15	abhydrolase domain containing 15 [Source:MGI Symbol;Acc:MGI:1914727]		4,569524419	-0,8246324	-1,77108374	2,15636716	6,56667492	0,01039059	0,037528406	protein_coding
ENSMUSG00000024248	Cox7a2l	cytochrome c oxidase subunit VIIa polypeptide 2-like [Source:MGI Symbol;Acc:MGI:106015]		195,3819	-0,8270416	-1,77404376	7,60815126	27,436012	1,62379E-07	2,02540E-06	protein_coding
ENSMUSG00000065947	mt-Nd4l	mitochondrially encoded NADH dehydrogenase 4L [Source:MGI Symbol;Acc:MGI:102497]		83,23003646	-0,8280507	-1,77528505	6,38124257	38,8448185	4,5887E-10	9,26637E-09	protein_coding
ENSMUSG00000067736	Gm10222	predicted gene 10222 [Source:MGI Symbol;Acc:MGI:3642643]		83,23003646	-0,8280513	-1,77528582	6,38124237	38,8415051	4,5965E-10	9,26637E-09	protein_coding
ENSMUSG00000086841	2410006H16Rik	RIKEN cDNA 2410006H16 gene [Source:MGI Symbol;Acc:MGI:1916471]		13,47604752	-0,8282939	-1,77558429	3,71878092	17,121264	3,50675E-05	0,000266634	lincRNA
ENSMUSG00000034252	Senp6	SUMO/sentrin specific peptidase 6 [Source:MGI Symbol;Acc:MGI:1922075]		147,5893894	-0,8290017	-1,77645568	7,20363742	33,5921375	6,79669E-09	1,10466E-07	protein_coding
ENSMUSG00000008682	Rpl10	ribosomal protein L10 [Source:MGI Symbol;Acc:MGI:105943]		529,0511044	-0,8292885	-1,77680884	9,04668625	20,6306769	5,56965E-06	5,10599E-05	protein_coding
ENSMUSG00000085586	Gm11613	predicted gene 11613 [Source:MGI Symbol;Acc:MGI:3651819]		9,835056379	-0,8309434	-1,77884824	3,27482039	14,7566045	0,000122318	0,000815212	lincRNA
ENSMUSG00000069662	Marcks	myristoylated alanine rich protein kinase C substrate [Source:MGI Symbol;Acc:MGI:96907]		715,8908183	-0,8318963	-1,78002349	9,48344446	16,2246212	5,62582E-05	0,000409615	protein_coding
ENSMUSG000000061477	Rps7	ribosomal protein S7 [Source:MGI Symbol;Acc:MGI:1333818]		401,1077967	-0,8325839	-1,78087209	8,64664737	22,5952903	1,99974E-06	2,03625E-05	protein_coding
ENSMUSG00000042292	Mkl1	MKL (megakaryoblastic leukemia)/myocardin-like 1 [Source:MGI Symbol;Acc:MGI:2384495]		132,2382069	-0,8331069	-1,78151784	7,04267051	35,2487633	2,90166E-09	5,02848E-08	protein_coding
ENSMUSG000000031129	Slc9a9	solute carrier family 9 (sodium/hydrogen exchanger), member 9 [Source:MGI Symbol;Acc:MGI:2679732]		91,26202754	-0,8337619	-1,78356262	6,51070275	32,6716007	1,09111E-08	1,12738E-07	protein_coding
ENSMUSG00000031925	Maml2	mastermind like 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:2389460]		19,40245057	-0,8349505	-1,78379579	4,26413698	26,4112815	2,75924E-07	3,32004E-06	protein_coding
ENSMUSG000000030331	Cdkn1b	cyclin-dependent kinase inhibitor 1B [Source:MGI Symbol;Acc:MGI:104565]		45,04947056	-0,8350921	-1,78397095	5,48655035	27,4114123	1,64458E-07	2,04864E-06	protein_coding
ENSMUSG00000024597	Slc12a2	solute carrier family 12, member 2 [Source:MGI Symbol;Acc:MGI:101924]		20,22451588	-0,8352292	-1,78414051	4,3157698	23,0390989	1,5874E-06	1,65159E-05	protein_coding
ENSMUSG00000026548	Slamf9	SLAM family member 9 [Source:MGI Symbol;Acc:MGI:1923692]		322,0262105	-0,8357482	-1,78478241	8,33121267	29,30787	6,17444E-08	8,50108E-07	protein_coding
ENSMUSG00000073702	Rpl31	ribosomal protein L31 [Source:MGI Symbol;Acc:MGI:2149632]		18,42082005	-0,8359434	-1,78502387	4,18350577	23,8823407	1,02407E-06	1,11388E-05	protein_coding
ENSMUSG000000025150	Chr2	carboxyl reductase 2 [Source:MGI Symbol;Acc:MGI:107200]		5,682435729	-0,8361612	-1,78529342	2,49933865	8,37365717	0,003806987	0,0016155802	protein_coding
ENSMUSG00000096643	Gm17312	predicted gene, 17312 [Source:MGI Symbol;Acc:MGI:4936946]		6,446226372	-0,8383615	-1,78801835	2,67465125	9,50658193	0,002047362	0,00956393	protein_coding
ENSMUSG000000057841	Rpl32	ribosomal protein L32 [Source:MGI Symbol;Acc:MGI:98038]		613,75							

ENSMUSG00000042608	Stk40	serine/threonine kinase 40 [Source:MGI Symbol;Acc:MGI:1921428]	118,0769613	-0,8496561	-1,80207127	6,88193007	25,6537078	4,0851E-07	4,72037E-06	protein_coding
ENSMUSG00000066677	Pydc3	pyrin domain containing 3 [Source:MGI Symbol;Acc:MGI:2442822]	8,100218597	-0,8509828	-1,8037292	3,02032775	10,3950776	0,001263517	0,006275886	protein_coding
ENSMUSG00000030474	Siglec3	sialic acid binding Ig-like lectin E [Source:MGI Symbol;Acc:MGI:1932475]	275,1176336	-0,8514662	-1,80433371	8,10373601	19,8133974	8,53821E-06	7,53489E-05	protein_coding
ENSMUSG00000030067	Foxp1	forkhead box P1 [Source:MGI Symbol;Acc:MGI:1914004]	167,6585122	-0,851474	-1,80434347	7,38891193	33,4028321	7,49148E-09	1,21221E-07	protein_coding
ENSMUSG00000041040	Fam117b	family with sequence similarity 117, member B [Source:MGI Symbol;Acc:MGI:1920000]	61,50818256	-0,8515617	-1,80445321	5,93679049	32,4636578	1,21442E-08	1,90613E-07	protein_coding
ENSMUSG00000036501	Fam13b	family with sequence similarity 13, member B [Source:MGI Symbol;Acc:MGI:2447834]	66,16659749	-0,8529727	-1,80621884	6,0419527	30,1050157	4,09271E-08	5,83225E-07	protein_coding
ENSMUSG00000031390	Avpr2	arginine vasopressin receptor 2 [Source:MGI Symbol;Acc:MGI:88123]	10,4451573	-0,8530389	-1,80630173	3,36544442	12,3524246	0,000440414	0,002505867	protein_coding
ENSMUSG00000041483	Zfp281	zinc finger protein 281 [Source:MGI Symbol;Acc:MGI:3029290]	90,25342904	-0,8531261	-1,8064109	6,49415075	35,6613938	2,34771E-09	4,18059E-08	protein_coding
ENSMUSG00000076431	Sox4	SRY-box containing gene 4 [Source:MGI Symbol;Acc:MGI:983866]	3,567541387	-0,8539666	-1,807746364	1,83954464	6,87642537	0,008734007	0,03244102	protein_coding
ENSMUSG00000026663	Atf6	activating transcription factor 6 [Source:MGI Symbol;Acc:MGI:1926157]	179,9374224	-0,8547094	-1,80839449	7,49082626	33,6010049	6,76578E-09	1,10127E-07	protein_coding
ENSMUSG00000097077			10,355268	-0,8556792	-1,80961044	3,36400225	11,1621904	0,000834813	0,00438856	lincRNA
ENSMUSG00000037822	1110003E01Rik	RIKEN cDNA 1110003E01 gene [Source:MGI Symbol;Acc:MGI:1915802]	155,161007	-0,8563148	-1,81040792	7,27297754	31,2596207	2,25726E-08	3,36964E-07	protein_coding
ENSMUSG00000097347			13,29353872	-0,8572826	-1,81162278	3,71692286	17,2548062	3,2687E-05	0,00025079	lincRNA
ENSMUSG00000017707	Serinc3	serine incorporator 3 [Source:MGI Symbol;Acc:MGI:1349457]	1081,031198	-0,8585408	-1,81320346	10,078071	18,3294004	1,85817E-05	0,000151791	protein_coding
ENSMUSG00000038481	Cdk19	cyclin-dependent kinase 19 [Source:MGI Symbol;Acc:MGI:1925584]	182,8720183	-0,8604438	-1,81559678	7,51310123	34,022342	5,44829E-09	9,05603E-08	protein_coding
ENSMUSG00000019876	Pkib	protein kinase inhibitor beta, cAMP dependent, testis specific [Source:MGI Symbol;Acc:MGI:101937]	38,69246896	-0,8613527	-1,81674094	5,26628998	29,0282723	7,13297E-08	9,72331E-07	protein_coding
ENSMUSG00000022292	Rrm2b	ribonucleotide reductase M2 B (TP53 inducible) [Source:MGI Symbol;Acc:MGI:2155865]	26,8685305	-0,8613944	-1,81679344	4,74139839	32,5631637	1,15381E-08	1,81787E-07	protein_coding
ENSMUSG00000035847	Ids	iduronate 2-sulfatase [Source:MGI Symbol;Acc:MGI:96417]	107,5466933	-0,8628955	-1,81668471	6,74462972	38,8752732	4,51767E-10	9,15787E-09	protein_coding
ENSMUSG00000058443	Rpl10-ps3	ribosomal protein L10, pseudogene 3 [Source:MGI Symbol;Acc:MGI:3704336]	561,2135631	-0,8676484	-1,82468625	9,13189867	21,2226064	4,08913E-06	3,91021E-05	protein_coding
ENSMUSG00000039007	Pgcp	plasma glutamate carboxypeptidase [Source:MGI Symbol;Acc:MGI:1889205]	46,84625736	-0,8677427	-1,82480553	5,54487658	38,7297905	4,86724E-10	9,47088E-09	protein_coding
ENSMUSG00000036452	Arhgap26	Rho GTPase activating protein 26 [Source:MGI Symbol;Acc:MGI:1918552]	61,66263072	-0,8698825	-1,8275141	5,94567037	26,9526247	2,08504E-07	5,244254E-06	protein_coding
ENSMUSG00000032018	Sc5d	sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisiae) [Source:MGI Symbol;Acc:MGI:1353611]	37,80850977	-0,8707437	-1,82806534	5,23219488	15,9497157	6,50475E-05	0,000466195	protein_coding
ENSMUSG00000074671	Tsyp13	TSPY-like 3 [Source:MGI Symbol;Acc:MGI:2139328]	21,01111998	-0,8714851	-1,82954525	4,380145	20,3806447	6,34685E-06	5,78216E-05	protein_coding
ENSMUSG00000021203	Otub2	OTU domain, ubiquitin aldehyde binding 2 [Source:MGI Symbol;Acc:MGI:1915399]	11,22728106	-0,872107	-1,83033408	3,49757668	18,3327344	1,85492E-05	0,000151791	protein_coding
ENSMUSG00000061604	Gm11518	predicted gene 11518 [Source:MGI Symbol;Acc:MGI:3650306]	244,2079514	-0,8723264	-1,83176745	7,93023792	25,2411941	5,059E-07	7,5839E-06	pseudogene
ENSMUSG00000026786	Apb1ip	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein [Source:MGI Symbol;Acc:MGI:18613]	672,920734	-0,8749738	-1,83397476	9,39408144	21,7032142	3,18258E-06	3,11094E-05	protein_coding
ENSMUSG00000036587	Fut7	fucosyltransferase 7 [Source:MGI Symbol;Acc:MGI:107692]	3,544335005	-0,8750257	-1,83404079	1,8217625	7,45153838	0,006338225	0,024747009	protein_coding
ENSMUSG00000078716	Tmem8b	transmembrane protein 8B [Source:MGI Symbol;Acc:MGI:2441680]	5,682023059	-0,875295	-1,83468129	2,4958879	8,31899858	0,003923254	0,016540597	protein_coding
ENSMUSG00000021870	Slmap	sarcolemma associated protein [Source:MGI Symbol;Acc:MGI:1933549]	173,2952014	-0,8761166	-1,83542814	7,43542625	41,1762234	1,39104E-04	3,02642E-09	protein_coding
ENSMUSG00000036067	Slc2a6	solute carrier family 2 (facilitated glucose transporter), member 6 [Source:MGI Symbol;Acc:MGI:2443286]	45,1029185	-0,8764349	-1,83583315	5,48689187	15,9498604	6,50246E-05	0,000466195	protein_coding
ENSMUSG00000032997	Chpf	chondroitin polymerizing factor [Source:MGI Symbol;Acc:MGI:106576]	29,75391756	-0,8776387	-1,8373656	4,89627619	30,4132114	3,49142E-08	5,07411E-07	protein_coding
ENSMUSG00000072653	Zfp783	zinc finger protein 783 [Source:MGI Symbol;Acc:MGI:3040704]	7,565009317	-0,8777666	-1,83752849	2,89798109	12,9852677	0,000313948	0,001860491	pseudogene
ENSMUSG00000026004	Kans11	KAT8 regulatory NSL complex subunit 1-like [Source:MGI Symbol;Acc:MGI:1915941]	28,94121067	-0,8782371	-1,83812786	4,85465531	33,8527911	5,94437E-09	9,80643E-08	protein_coding
ENSMUSG00000030088	Aldh11	aldehyde dehydrogenase 1 family, member L1 [Source:MGI Symbol;Acc:MGI:1340024]	16,75321892	-0,8783431	-1,83826289	4,04438902	15,8178404	6,97418E-05	0,000495957	protein_coding
ENSMUSG00000025823	Pdia4	protein disulfide isomerase associated 4 [Source:MGI Symbol;Acc:MGI:104864]	139,1027438	-0,878456	-1,83840675	7,1187154	31,3343306	2,17205E-08	3,26015E-07	protein_coding
ENSMUSG00000034892	Rps29	ribosomal protein S29 [Source:MGI Symbol;Acc:MGI:107681]	509,840781	-0,8793017	-1,83948476	8,99298177	23,6125216	1,17818E-06	1,25799E-05	protein_coding
ENSMUSG00000020340	Cyfp2	cytoplasmic FMR1 interacting protein 2 [Source:MGI Symbol;Acc:MGI:1924134]	179,855158	-0,8802182	-1,84065362	7,48922063	42,4257479	7,34171E-11	1,67005E-09	protein_coding
ENSMUSG00000080848	Gm9385	predicted pseudogene 9385 [Source:MGI Symbol;Acc:MGI:3646182]	11,02450549	-0,8824176	-1,84346192	3,44013034	11,9796235	0,000537855	0,002992105	pseudogene
ENSMUSG00000026764	Kif5c	kinesin family member 5C [Source:MGI Symbol;Acc:MGI:1098269]	4,481693251	-0,8834213	-1,84474486	2,14195453	8,52329317	0,003506294	0,015094242	protein_coding
ENSMUSG00000055184	Fam72a	family with sequence similarity 72, member A [Source:MGI Symbol;Acc:MGI:1919669]	9,56343076	-0,8839242	-1,84538802	3,25512171	14,292769	0,000156465	0,001012414	protein_coding
ENSMUSG00000019194	Scn1b	sodium channel, voltage-gated, type I, beta [Source:MGI Symbol;Acc:MGI:98247]	85,00465085	-0,8839248	-1,84538875	6,40498021	38,4084564	5,73832E-10	1,12383E-08	protein_coding
ENSMUSG00000052949	Rnf157	ring finger protein 157 [Source:MGI Symbol;Acc:MGI:2442484]	44,67881962	-0,8843998	-1,84599649	5,47613199	33,2690766	8,02486E-09	1,28902E-07	protein_coding
ENSMUSG00000052160	Pld4	phospholipase D family, member 4 [Source:MGI Symbol;Acc:MGI:2144765]	457,9130982	-0,8865959	-1,84880862	8,83839889	22,1305156	2,54728E-06	5,24427E-05	protein_coding
ENSMUSG00000020573	Pik3cg	phosphoinositide-3-kinase, catalytic, gamma polypeptide [Source:MGI Symbol;Acc:MGI:1353576]	313,7575212	-0,8866351	-1,84885891	8,29320801	30,4375367	3,44791E-08	5,0274E-07	protein_coding
ENSMUSG00000032643	Fhl3	four and a half LIM domains 3 [Source:MGI Symbol;Acc:MGI:1341092]	165,5720875	-0,8871167	-1,84947618	7,36907922	37,0432346	1,15539E-09	2,14793E-08	protein_coding
ENSMUSG00000037235	Mxd4	Max dimerization protein 4 [Source:MGI Symbol;Acc:MGI:104991]	46,98172537	-0,8881383	-1,85078633	5,5432609	34,8175345	3,62098E-09	6,19208E-08	protein_coding
ENSMUSG00000033220	Rac2	RAS-related C3 botulinum substrate 2 [Source:MGI Symbol;Acc:MGI:97846]	1968,482575	-0,8887274	-1,85154216	10,9428043	14,405139	0,0001474	0,000959407	protein_coding
ENSMUSG00000043832	Clec4a3	C-type lectin domain family 4, member a3 [Source:MGI Symbol;Acc:MGI:1920399]	146,3374594	-0,8892781	-1,85224904	7,19187489	29,1710862	6,62607E-08	9,06608E-07	protein_coding
ENSMUSG00000024241	Sos1	protein of sevenless homolog 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:98355]	145,1684144	-0,8909307	-1,85437202	7,18120348	27,9936277	1,21176E-07	1,57328E-06	protein_coding
ENSMUSG00000056130	Ticam2	toll-like receptor adaptor molecule 2 [Source:MGI Symbol;Acc:MGI:3040056]	70,48056436	-0,8913437	-1,85490291	6,13423558	33,5855148	6,81987E-09	1,10679E-07	protein_coding
ENSMUSG00000027993	Trim2	tripartite motif-containing 2 [Source:MGI Symbol;Acc:MGI:1933163]	41,96599685	-0,8917995	-1,85548907	5,37508423	38,1079856	6,69356E-10	1,29704E-08	protein_coding
ENSMUSG00000020571	Pdia6	protein disulfide isomerase associated 6 [Source:MGI Symbol;Acc:MGI:1919103]	277,9218673	-0,8936756	-1,85790355	8,1181833	29,2829635	6,25432E-08	8,80027E-07	protein_coding
ENSMUSG00000041939	Mvk	mevalonate kinase [Source:MGI Symbol;Acc:MGI:1076224]	14,72405127	-0,8937334	-1,85797802	3,86729899	10,3202002	0,00131582	0,006502836	protein_coding
ENSMUSG00000090035	Gaint1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 4 [Source:MGI Symbol;Acc:MGI:867408]	26,07980075	-0,89451	-1,8589784	6,69725595	25,1955144	5,18025E-07	5,91022E-06	protein_coding
ENSMUSG00000025630	Hprt	hypoxanthine guanine phosphoribosyl transferase [Source:MGI Symbol;Acc:MGI:96217]	304,7180232	-0,8947408	-1,85927583	8,25106171	34,5974549	4,05436E-09	6,89555E-08	protein_coding
ENSMUSG00000021273	Fdft1	farnesyl diphosphate farnesyl transferase 1 [Source:MGI Symbol;Acc:MGI:102706]	27,31861759	-0,8952695	-1,85995537	4,76361254	9,38909332	0,002182801	0,010106379	protein_coding
ENSMUSG00000028826	Tmem57	transmembrane protein 57 [Source:MGI Symbol;Acc:MGI:1913396]	63,95384686	-0,8954236	-1,86015579	5,99339314	36,4924831	1,53256E-09	2,80171E-08	protein_coding
ENSMUSG00000036305	Rpl39-ps	ribosomal protein L39, pseudogene [Source:MGI Symbol;Acc:MGI:3705781]	48,9878116	-0,8960327	-1,86094144	5,60934182	38,3350691	5,95822E-10	1,15864E-08	pseudogene
ENSMUSG00000021880	Rnase6	ribonuclease, RNase A family, 6 [Source:MGI Symbol;Acc:MGI:1925666]	2,793395233	-0,8960362	-1,86094599	1,45625279	6,148133	0,01315509	0,045337195	protein_coding
ENSMUSG00000038594	Gm9766	predicted gene 9766 [Source:MGI Symbol;Acc:MGI:3642684]	11,4259212	-0,8979701	-1,86344218	3,50490106	14,5589792	0,00013584	0,00089156	protein_coding
ENSMUSG00000041729	Coro2b	coronin, actin binding protein, 2B [Source:MGI Symbol;Acc:MGI:2444283]	8,195849962	-0,8980888	-1,86359556	3,02681018	10,7332486	0,001052276	0,005362408	protein_coding
ENSMUSG00000004266	Ptpn6	protein tyrosine phosphatase, non-receptor type 6 [Source:MGI Symbol;Acc:MGI:96055]	671,9564991	-0,8983077	-1,86378737	9,39193967	22,0463389	2,66147E-06	2,64869E-05	protein_coding
ENSMUSG00000061111	Fam195b	family with sequence similarity 195, member B [Source:MGI Symbol;Acc:MGI:2384752]	26,90963699	-0,8993094	-1,86517296	4,72980311	29,5345154	5,49297E-08	7,66853E-07	protein_coding
ENSMUSG00000024235	Map3k8	mitogen-activated protein kinase kinase kinase 8 [Source:MGI Symbol;Acc:MGI:1346878]	62,12306449	-0,9011831	-1,86759694	5,95398149	28,4561516	9,58447E-08	1,26416E-06	protein_coding
ENSMUSG00000049091	Seps2s	selenophosphate synthetase 2 [Source:MGI Symbol;Acc:MGI:108388]	127,1836731	-0,9011971	-1,86761					

ENSMUSG00000008496	Pou2f2	POU domain, class 2, transcription factor 2 [Source:MGI Symbol;Acc:MGI:101897]	Sheet1	133,529302	-0,9099768	-1,87901523	7,05820199	37,0923268	1,12666E-09	2,10521E-08	protein_coding
ENSMUSG00000032527	Pccb	propionyl Coenzyme A carboxylase, beta polypeptide [Source:MGI Symbol;Acc:MGI:1914154]		37,79653494	-0,9108404	-1,88014034	5,23032965	38,8153845	4,65842E-10	9,37151E-09	protein_coding
ENSMUSG000000085786	Gm15987	predicted gene 15987 [Source:MGI Symbol;Acc:MGI:3801849]		32,0858218	-0,9125533	-1,88237395	4,99879756	33,1942378	8,33973E-09	1,33569E-07	antisense
ENSMUSG00000002058	Unc119	unc-119 homolog (C. elegans) [Source:MGI Symbol;Acc:MGI:1328357]		80,14027911	-0,9146501	-1,88511182	6,31993528	42,0947272	6,75801E-11	9,63578E-09	protein_coding
ENSMUSG00000097551				3,459892316	-0,9190596	-1,8908823	1,76488702	6,95426791	6,003631951	0,031238611	lincRNA
ENSMUSG00000000876	Pxmp4	peroxisomal membrane protein 4 [Source:MGI Symbol;Acc:MGI:1891701]		15,22624755	-0,9191586	-1,89101217	3,91739879	20,3545483	6,434E-06	5,84701E-05	protein_coding
ENSMUSG00000022912	Pros1	protein S (alpha) [Source:MGI Symbol;Acc:MGI:1095733]		52,27197985	-0,9193408	-1,89125093	5,70416945	42,974161	5,54676E-11	1,29389E-09	protein_coding
ENSMUSG00000043300	B3galnt1	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 1 [Source:MGI Symbol;Acc:MGI:1349405]		136,3905077	-0,9217136	-1,89439341	7,08994777	35,2874546	2,84459E-09	4,93736E-08	protein_coding
ENSMUSG00000026158	Ogfr11	opioid growth factor receptor-like 1 [Source:MGI Symbol;Acc:MGI:1917405]		42,64498767	-0,9217414	-1,89440054	5,4157657	35,347652	2,75801E-09	4,80226E-08	protein_coding
ENSMUSG00000019189	Rnf145	ring finger protein 145 [Source:MGI Symbol;Acc:MGI:1921565]		103,1575364	-0,9251567	-1,89889044	6,68659093	29,4031018	5,87835E-08	8,16503E-07	protein_coding
ENSMUSG00000042349	Ikbke	inhibitor of kappaB kinase epsilon [Source:MGI Symbol;Acc:MGI:1929612]		559,3339831	-0,9255928	-1,89946461	9,12727194	21,1258297	4,30092E-06	4,09127E-05	protein_coding
ENSMUSG00000026380	Ak8	adenylate kinase 8 [Source:MGI Symbol;Acc:MGI:1916120]		4,195587464	-0,9275676	-1,90206636	2,03601412	8,15619382	0,004291434	0,017832824	protein_coding
ENSMUSG00000042700	Sipa11	signal-induced proliferation-associated 1 like 1 [Source:MGI Symbol;Acc:MGI:2443679]		227,5624252	-0,9281426	-1,90282467	7,82945014	30,7021815	3,00827E-08	4,43649E-07	protein_coding
ENSMUSG00000037447	Arid5a	AT rich interactive domain 5A (MRF1-like) [Source:MGI Symbol;Acc:MGI:2443039]		11,4630867	-0,9286409	-1,90348196	3,5138264	10,7135583	0,001063533	0,005407236	protein_coding
ENSMUSG00000084416	Rpl10a-ps1	ribosomal protein L10A, pseudogene 1 [Source:MGI Symbol;Acc:MGI:3705885]		338,5004008	-0,9292602	-1,9042993	8,4020877	27,8046158	1,34206E-07	1,71655E-06	pseudogene
ENSMUSG00000050912	Tmem123	transmembrane protein 123 [Source:MGI Symbol;Acc:MGI:1919179]		24,3443291	-0,9299788	-1,90524801	7,92652641	26,9644324	2,07234E-07	5,25297E-06	protein_coding
ENSMUSG00000026000	Lanc1	LanC (bacterial antibiotic synthetase component C)-like 1 [Source:MGI Symbol;Acc:MGI:1336997]		42,91871011	-0,9301309	-1,90544886	5,42425987	35,1526667	3,04859E-09	6,48026E-08	protein_coding
ENSMUSG00000014637	4931428F04Rik	RIKEN cDNA 4931428F04 gene [Source:MGI Symbol;Acc:MGI:1921606]		3,906173063	-0,9302337	-1,90558463	1,95599282	8,90895371	0,002837758	0,012597353	protein_coding
ENSMUSG00000032514	Ttc21a	tetratricopeptide repeat domain 21A [Source:MGI Symbol;Acc:MGI:1921302]		8,835731256	-0,9326537	-1,90878384	3,12028219	13,4384438	0,00024652	0,001508047	protein_coding
ENSMUSG00000018459	Slc13a3	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3 [Source:MGI Symbol;Acc:MGI:2149637]		11817,41824	-0,9352428	-1,91221236	13,5286226	9,91046623	0,001643415	0,007929819	protein_coding
ENSMUSG00000026770	Il2ra	interleukin 2 receptor, alpha chain [Source:MGI Symbol;Acc:MGI:96549]		53,07962721	-0,9353318	-1,91233045	5,7389944	29,8861607	4,58171E-08	6,48702E-07	protein_coding
ENSMUSG00000050530	Fam171a1	family with sequence similarity 171, member A1 [Source:MGI Symbol;Acc:MGI:2442917]		2,534961147	-0,9377234	-1,91550321	1,34594409	6,18359118	0,012894032	0,044605393	protein_coding
ENSMUSG00000028518	Prkaa2	protein kinase, AMP-activated, alpha 2 catalytic subunit [Source:MGI Symbol;Acc:MGI:1336173]		4,075906662	-0,9387202	-1,9168271	1,98279854	7,33901277	0,006747389	0,026103365	protein_coding
ENSMUSG00000038437	Mllt6	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 7 [Source:MGI Symbol;Acc:MGI:2195253]		217,4038941	-0,9388919	-1,91705528	7,94940074	28,7980317	8,03327E-08	1,07636E-06	protein_coding
ENSMUSG00000059089	Fcgr4	Fc receptor, IgG, low affinity IV [Source:MGI Symbol;Acc:MGI:2179523]		249,2574606	-0,9391786	-1,91743619	7,75597614	19,2635696	1,13858E-05	9,74368E-05	protein_coding
ENSMUSG00000097723				2,823047758	-0,9393791	-1,91770272	1,46934798	6,93089405	0,008471933	0,031606494	lincRNA
ENSMUSG00000021238	Aldh6a1	aldehyde dehydrogenase family 6, subfamily A1 [Source:MGI Symbol;Acc:MGI:1915077]		53,76356696	-0,9402106	-1,91880827	5,74455476	39,313376	3,6096E-10	7,39901E-09	protein_coding
ENSMUSG00000079488	Cd47	CD47 antigen (Rh-related antigen, integrin-associated signal transducer) [Source:MGI Symbol;Acc:MGI:96617]		7,8884989	-0,940213	-1,91881151	2,96922583	9,7399058	0,001803101	0,008616404	accessed_pseudogene
ENSMUSG00000030403	Vasp	vasodilator-stimulated phosphoprotein [Source:MGI Symbol;Acc:MGI:109268]		523,2084158	-0,9402673	-1,91888372	9,03084548	23,2606994	1,41461E-06	1,48447E-05	protein_coding
ENSMUSG00000028465	Tln1	talin 1 [Source:MGI Symbol;Acc:MGI:1099832]		1697,376432	-0,9406664	-1,91941468	10,728986	17,6759274	2,6192E-05	0,000205993	protein_coding
ENSMUSG00000052760	A630001G21Rik	RIKEN cDNA A630001G21 gene [Source:MGI Symbol;Acc:MGI:2443131]		119,9885939	-0,9407296	-1,91949875	6,90363702	35,7016277	2,29972E-09	4,10179E-08	protein_coding
ENSMUSG00000031880	Rrad	Ras-related associated with diabetes [Source:MGI Symbol;Acc:MGI:1930943]		11,06868384	-0,9414482	-1,92045504	3,45973341	21,1524782	4,24152E-06	4,03827E-05	protein_coding
ENSMUSG00000009971	Kcnd1	potassium voltage-gated channel, Shal-related family, member 1 [Source:MGI Symbol;Acc:MGI:96671]		13,81316213	-0,9419317	-1,92109878	3,7712126	14,7560811	0,000122352	0,000815212	protein_coding
ENSMUSG00000024238	Zeb1	zinc finger E-box binding homeobox 1 [Source:MGI Symbol;Acc:MGI:1344313]		9,878312499	-0,9422154	-1,92147664	3,2805103	17,9740657	2,23935E-05	0,000179984	protein_coding
ENSMUSG00000024983	Vti1a	vesicle transport through interaction with t-SNAREs homolog 1A (yeast) [Source:MGI Symbol;Acc:MGI:1855699]		135,1346707	-0,9424768	-1,92182481	7,07710414	34,480828	4,30471E-09	7,27628E-08	protein_coding
ENSMUSG00000028159	Dapp1	dual adaptor for phosphotyrosine and 3-phosphoinositides 1 [Source:MGI Symbol;Acc:MGI:1347063]		30,41663849	-0,9424778	-1,92182604	4,91947975	38,7566846	4,80063E-10	9,62492E-09	protein_coding
ENSMUSG00000093809	Bcl2a1a	B cell leukemia/lymphoma 2 related protein A1a [Source:MGI Symbol;Acc:MGI:102687]		55,8792289	-0,9432324	-1,92283154	5,80471204	28,2769658	1,0514E-07	1,3752E-06	protein_coding
ENSMUSG00000038990	Cables2	CDK5 and Abl enzyme substrate 2 [Source:MGI Symbol;Acc:MGI:2182335]		41,23308934	-0,9432635	-1,92287303	5,35802488	31,3681441	2,13455E-08	3,21264E-07	protein_coding
ENSMUSG00000034751	Mast4	microtubule associated serine/threonine kinase family member 4 [Source:MGI Symbol;Acc:MGI:1918885]		11,69393727	-0,9445221	-1,9245513	3,52870075	21,1690752	4,20495E-06	4,0104E-05	protein_coding
ENSMUSG00000079020	Slc45a4	solute carrier family 45, member 4 [Source:MGI Symbol;Acc:MGI:2146236]		108,499364	-0,9457902	-1,92624369	6,75686074	41,2262877	1,35587E-10	2,96751E-09	protein_coding
ENSMUSG000000064367	mt-Nd5	mitochondrially encoded NADH dehydrogenase 5 [Source:MGI Symbol;Acc:MGI:102496]		828,5598867	-0,9473799	-1,92836732	9,69455661	26,238457	3,01753E-07	3,6115E-06	protein_coding
ENSMUSG00000032035	Ets1	E26 avian leukemia oncogene 1, 5' domain [Source:MGI Symbol;Acc:MGI:95455]		29,61977199	-0,9488945	-1,93039285	4,88946548	32,6282894	1,11579E-09	1,76137E-07	protein_coding
ENSMUSG00000026430	Rassf5	Ras association (RalGDS/AF-6) domain family member 5 [Source:MGI Symbol;Acc:MGI:1926375]		48,73419398	-0,9510692	-1,93330495	5,5969459	44,2186132	2,93676E-11	7,09146E-10	protein_coding
ENSMUSG00000041112	Elmo1	engulfment and cell motility 1 [Source:MGI Symbol;Acc:MGI:2153044]		390,7234713	-0,9516577	-1,93409373	8,60951879	30,1225808	4,05581E-08	5,78717E-07	protein_coding
ENSMUSG00000037270	4932438A13Rik	RIKEN cDNA 4932438A13 gene [Source:MGI Symbol;Acc:MGI:2444631]		269,3646586	-0,9517821	-1,93426054	8,07266889	42,7542279	6,20676E-11	1,43566E-09	protein_coding
ENSMUSG00000021069	Pghl1	liver glycogen phosphorylase [Source:MGI Symbol;Acc:MGI:97829]		177,5586558	-0,9531813	-1,9361374	7,47093588	42,5363507	6,93807E-11	1,5881E-09	protein_coding
ENSMUSG00000028538	Sl3gal3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3 [Source:MGI Symbol;Acc:MGI:1316659]		17,82962254	-0,9541597	-1,93745082	4,14520809	32,2807733	1,33427E-08	2,08233E-07	protein_coding
ENSMUSG00000026672	Optrn	optineurin [Source:MGI Symbol;Acc:MGI:1918898]		62,73597762	-0,954841	-1,93836601	5,96665703	30,6909598	3,02571E-08	4,45624E-07	protein_coding
ENSMUSG00000001741	Il16	interleukin 16 [Source:MGI Symbol;Acc:MGI:1270855]		55,91139773	-0,9554956	-1,93924569	5,80020148	16,6226615	4,56029E-05	0,000338083	protein_coding
ENSMUSG00000032946	Rasgrp2	RAS, guanyl releasing protein 2 [Source:MGI Symbol;Acc:MGI:1333849]		17,00967148	-0,955525	-1,93928516	4,07164955	26,0778938	3,27917E-07	3,88235E-06	protein_coding
ENSMUSG00000035824	Tk2	thymidine kinase 2, mitochondrial [Source:MGI Symbol;Acc:MGI:1913266]		46,17283936	-0,956512	-1,94061124	5,51997271	35,0607292	3,19581E-09	5,50351E-08	protein_coding
ENSMUSG00000029449	Rhof	ras homolog gene family, member f [Source:MGI Symbol;Acc:MGI:1345629]		16,3027118	-0,9572008	-1,9415391	4,01792112	23,3404721	1,35714E-06	1,43099E-05	protein_coding
ENSMUSG00000001348	Acp5	acid phosphatase 5, tartrate resistant [Source:MGI Symbol;Acc:MGI:87883]		90,63496597	-0,9574309	-1,94184886	6,49888971	31,7140948	1,78621E-08	2,7295E-07	protein_coding
ENSMUSG00000036504	Phtp1	phosphohistidine phosphatase 1 [Source:MGI Symbol;Acc:MGI:1922704]		9,344146186	-0,957797	-1,9423417	3,20512528	17,9579132	2,25844E-05	0,000811385	protein_coding
ENSMUSG00000049313	Sor11	soritin-related receptor, LDLR class A repeats-containing [Source:MGI Symbol;Acc:MGI:1202296]		29,40186785	-0,95868	-1,94353083	4,88487546	41,8581974	9,81385E-11	2,17828E-09	protein_coding
ENSMUSG00000032609	Klhdcb8b	kelch domain containing 8B [Source:MGI Symbol;Acc:MGI:1925517]		3,325299452	-0,9589014	-1,94382917	1,69556565	7,91680807	0,004897761	0,019837671	protein_coding
ENSMUSG000000063314	K12657	predicted gene 12657 [Source:MGI Symbol;Acc:MGI:3651714]		4,136516958	-0,9594725	-1,9445987	2,06355171	9,44651716	0,002115504	0,009840409	pseudogene
ENSMUSG00000036469	41334	membrane-associated ring finger (C3HC4) 1 [Source:MGI Symbol;Acc:MGI:1920175]		114,8091942	-0,9600425	-1,94536725	6,84175315	31,6045966	1,88982E-08	2,87184E-07	protein_coding
ENSMUSG00000037410	Tbc1d2b	TBC1 domain family, member 2B [Source:MGI Symbol;Acc:MGI:1914266]		331,7312195	-0,9610011	-1,94666019	8,37332422	34,9816244	3,32832E-09	5,70487E-08	protein_coding
ENSMUSG00000074743	Tbhd	thrombomodulin [Source:MGI Symbol;Acc:MGI:98736]		56,51908569	-0,9616041	-1,94747406	5,82668274	38,9444141	4,36046E-10	8,81793E-09	protein_coding
ENSMUSG00000031320	Rps4x	ribosomal protein S4, X-linked [Source:MGI Symbol;Acc:MGI:98158]		1033,46907	-0,963579	-1,9501418	10,0130757	22,5031758	2,09796E-05	2,12446E-05	protein_coding
ENSMUSG00000041688	Amot	angiomotin [Source:MGI Symbol;Acc:MGI:108440]		4,592142499	-0,9639404	-1,9506304	2,20320546	10,3362943	0,001304396	0,006449776	protein_coding
ENSMUSG00000008318	Relt	RELT tumor necrosis factor receptor [Source:MGI Symbol;Acc:MGI:2443373]		11,67120732	-0,9643621	-1,95120062	3,52959593	12,7758306	0,000351127	0,002055316	protein_coding
ENSMUSG00000034255	Arhgap27	Rho GTPase activating protein 27 [Source:MGI Symbol;Acc:MGI:1916903]		232,1415735	-0,9644042	-1,95125749	7,85731035	33,7633701	6,22398E-09	1,0176E-07	protein_coding
ENSMUSG00000053291	Rab4b	RAB4B, member RAS oncogene family [Source:MGI Symbol;Acc:MGI:105071]		103,9534362	-0,9646301	-1,95427046	6,69468893	41,2115497	1,36613E-10	2,98403E-09	protein_coding
ENSMUSG00000028525	Pde4b	phosphodiesterase 4B, cAMP specific [Source:MGI Symbol;Acc:MGI:99557]		88,14311179	-0,9673791	-1,95528531	6,46192897	25,232451	5,08199E-07	5,80414E-06	protein_coding
ENSMUSG00000018654	Iktzf1	IKAROS family zinc finger 1 [Source:MGI Symbol;Acc:MGI:1342540]		201,8358568	-0,9673821	-1,95528928	7,65617019	35,021173	3,2614E-09	5,60766E-08	protein_coding
ENSMUSG00000042992	Loh12cr1	loss of heterozygosity									

ENSMUSG00000090523	Gypc	glycophorin C [Source:MGI Symbol;Acc:MGI:1098566]	Sheet1	28,99845127	-0,97771174	-1,96852825	4,84852377	33,8020796	6,10136E-09	1,00203E-07	protein_coding
ENSMUSG00000020787	P2rx1	purinergic receptor P2X, ligand-gated ion channel, 1 [Source:MGI Symbol;Acc:MGI:1098235]		3,174027542	-0,9772752	-1,96874356	1,63936703	7,46100725	0,006304972	0,024652215	protein_coding
ENSMUSG00000053329	D10Jhu81e	DNA segment, Chr 10, Johns Hopkins University 81 expressed [Source:MGI Symbol;Acc:MGI:1351861]		35,88586385	-0,9789116	-1,97097784	5,15500973	34,4095315	4,46531E-09	7,53611E-08	protein_coding
ENSMUSG00000053137	Mapk11	mitogen-activated protein kinase 11 [Source:MGI Symbol;Acc:MGI:1338024]		6,654767446	-0,9792311	-1,97141448	2,72994137	13,8664996	0,000196266	0,000123623	protein_coding
ENSMUSG00000029178	Klf3	Kruppel-like factor 3 (basic) [Source:MGI Symbol;Acc:MGI:1342773]		79,21394245	-0,9793655	-1,97159805	6,30349843	34,3693252	4,55851E-09	7,66989E-08	protein_coding
ENSMUSG00000028381	Ugpc	UDP-glucose ceramide glucosyltransferase [Source:MGI Symbol;Acc:MGI:1332243]		76,4816423	-0,9800309	-1,97250765	6,25377546	33,637349	6,64054E-09	1,08249E-07	protein_coding
ENSMUSG0000000244	Tspan32	tetraspanin 32 [Source:MGI Symbol;Acc:MGI:1350360]		23,94217135	-0,9824639	-1,97583692	4,57141477	31,8981876	1,62469E-08	2,48613E-07	protein_coding
ENSMUSG00000025876	Unc5a	unc-5 homolog A (C. elegans) [Source:MGI Symbol;Acc:MGI:894682]		2,338338647	-0,983827	-1,97770471	1,22977469	6,23880216	0,012489098	0,043468376	protein_coding
ENSMUSG00000027763	Mbn1	muscleblind-like 1 (Drosophila) [Source:MGI Symbol;Acc:MGI:1928482]		676,7000579	-0,9848846	-1,979155	9,40202025	28,2945725	1,04188E-07	1,36566E-06	protein_coding
ENSMUSG00000038648	Creb3l2	cAMP responsive element binding protein 3-like 2 [Source:MGI Symbol;Acc:MGI:2442695]		16,46767814	-0,985986	-1,98066648	4,03330605	22,0086843	2,7142E-06	2,69385E-05	protein_coding
ENSMUSG00000089722	Gm1171	predicted gene 11711 [Source:MGI Symbol;Acc:MGI:3702661]		93,57778681	-0,9872332	-1,98237957	6,55010376	34,5016391	4,25893E-09	7,20999E-08	protein_coding
ENSMUSG00000040592	Cd79b	CD79B antigen [Source:MGI Symbol;Acc:MGI:96431]		30,30819589	-0,9900176	-1,98620925	4,91857244	36,1603164	1,81734E-09	3,2949E-08	protein_coding
ENSMUSG00000040699	Limd2	LIM domain containing 2 [Source:MGI Symbol;Acc:MGI:1915053]		376,923227	-0,9902443	-1,98652136	8,55744874	31,6081244	1,86639E-08	2,8706E-07	protein_coding
ENSMUSG00000022540	Rogdi	rogdi homolog (Drosophila) [Source:MGI Symbol;Acc:MGI:1913299]		20,71757649	-0,9908509	-1,98735683	4,3630904	29,9978186	4,32533E-08	6,13984E-07	protein_coding
ENSMUSG00000032883	Acsf3	acyl-CoA synthetase long-chain family member 3 [Source:MGI Symbol;Acc:MGI:1921455]		36,53792819	-0,9911239	-1,98773282	5,18280307	22,7541633	1,84105E-06	1,89575E-05	protein_coding
ENSMUSG00000060090	Rp2h	retinitis pigmentosa 2 homolog (human) [Source:MGI Symbol;Acc:MGI:1277953]		122,3634578	-0,9915543	-1,98832593	6,93160028	44,8869567	2,08744E-11	5,1308E-10	protein_coding
ENSMUSG00000044026	Tmem20	transmembrane protein 20 [Source:MGI Symbol;Acc:MGI:2444789]		174,1233048	-0,9931037	-1,9904625	7,44456114	40,2213216	2,2676E-10	4,81897E-09	protein_coding
ENSMUSG00000024948	Map4k2	mitogen-activated protein kinase kinase kinase kinase 2 [Source:MGI Symbol;Acc:MGI:1346883]		100,635299	-0,9932511	-1,99066585	6,64815313	44,0633912	3,17911E-11	7,60979E-10	protein_coding
ENSMUSG00000034066	Farp2	FERM, RhoGEF and pleckstrin domain protein 2 [Source:MGI Symbol;Acc:MGI:2385126]		16,93106465	-0,994372	-1,99221315	4,07309242	18,7988994	1,45251E-05	0,000121915	protein_coding
ENSMUSG00000028464	Tpm2	tropomyosin 2, beta [Source:MGI Symbol;Acc:MGI:98810]		6,961681637	-0,9983237	-1,99767746	2,8413736	14,1188013	0,00017162	0,001094363	protein_coding
ENSMUSG00000031367	Apl1s2	adaptor-related protein complex 1, sigma 2 subunit [Source:MGI Symbol;Acc:MGI:1889383]		299,6188544	-0,998476	-1,99788842	8,22597397	42,4143191	7,38474E-11	1,67637E-09	protein_coding
ENSMUSG00000059994	Fcrl	Fc receptor-like 1 [Source:MGI Symbol;Acc:MGI:2442862]		24,59919118	-0,9985323	-1,99796637	4,62598462	30,7488096	2,93684E-08	4,36397E-07	protein_coding
ENSMUSG00000026489	Adck3	aarF domain containing kinase 3 [Source:MGI Symbol;Acc:MGI:1914676]		14,69876844	-0,9991549	-1,99882875	3,86220349	25,8228233	3,74237E-07	4,36954E-06	protein_coding
ENSMUSG00000053080	2700081O15Rik	RIKEN cDNA 2700081O15 gene [Source:MGI Symbol;Acc:MGI:1919667]		6,553173247	-0,9993143	-1,9990496	2,67535809	12,8813346	0,000331875	0,001956178	protein_coding
ENSMUSG00000040139	94300381O1Rik	RIKEN cDNA 94300381O1 gene [Source:MGI Symbol;Acc:MGI:1924502]		10,88960125	-0,1006552	-2,00090849	3,42686048	20,9761059	4,65047E-06	4,38958E-05	protein_coding
ENSMUSG00000013033	Lphn1	latrophilin 1 [Source:MGI Symbol;Acc:MGI:1929461]		5,126158947	-1,0010659	-2,00147821	2,33891464	11,2822396	0,000782521	0,004155417	protein_coding
ENSMUSG00000095957		MCG116065; Uncharacterized protein [Source:UniProtKB/TrEMBL;Acc:J3QJZ3]		93,10507025	-1,0019494	-2,00270426	6,54321556	38,0819269	6,78356E-10	1,31216E-08	protein_coding
ENSMUSG00000030774	Pak1	p21 protein (Cdc42/Rac)-activated kinase 1 [Source:MGI Symbol;Acc:MGI:1339975]		121,4975106	-1,0020381	-2,00282746	6,92199154	44,0683819	3,17102E-11	7,60698E-10	protein_coding
ENSMUSG00000000248	Clec2g	C-type lectin domain family 2, member g [Source:MGI Symbol;Acc:MGI:1918059]		2,366930372	-1,0036232	-2,0050291	1,20662931	6,55646941	0,010450351	0,037694682	protein_coding
ENSMUSG00000097771		Coronin [Source:UniProtKB/TrEMBL;Acc:A2RS22]		359,0191888	-1,0042118	-2,00584731	8,48728246	35,44727	2,62049E-09	4,59192E-08	protein_coding
ENSMUSG00000024835	Coro1b	coronin, actin binding protein 1B [Source:MGI Symbol;Acc:MGI:1345963]		359,0191888	-1,0042155	-2,00585245	8,48728416	35,352066	2,75177E-09	4,79899E-08	protein_coding
ENSMUSG00000058558	Rpl5	ribosomal protein L5 [Source:MGI Symbol;Acc:MGI:102854]		32,50332217	-1,0045371	-2,00629964	5,01787183	28,3389373	1,01827E-07	1,33825E-06	protein_coding
ENSMUSG00000000127	Fer	fer (fms/fps related) protein kinase [Source:MGI Symbol;Acc:MGI:105917]		64,2947048	-1,0058307	-2,00809938	6,00070168	49,0462445	2,49998E-12	7,0975E-11	protein_coding
ENSMUSG00000044667	D3Bwg0562e	DNA segment, Chr 3, Brigham & Women's Genetics 0562 expressed [Source:MGI Symbol;Acc:MGI:106530]		3,509071076	-1,0091557	-2,01273291	1,84647373	7,55631212	0,005980024	0,023591571	protein_coding
ENSMUSG00000039735	Fbnp1	frnA binding protein 1-like [Source:MGI Symbol;Acc:MGI:1925642]		526,5791793	-1,0106445	-2,01481091	9,04017448	28,6078701	8,86213E-08	1,17453E-06	protein_coding
ENSMUSG00000067577	A430093F15Rik	RIKEN cDNA A430093F15 gene [Source:MGI Symbol;Acc:MGI:2685520]		4,641010353	-1,0124639	-2,01735346	2,19679419	10,3745113	0,00127767	0,006337588	protein_coding
ENSMUSG00000042228	Lyn	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog [Source:MGI Symbol;Acc:MGI:96892]		575,6829359	-1,012547	-2,01746965	9,16907745	28,6843293	8,51903E-07	1,13178E-06	protein_coding
ENSMUSG00000064043	Bcl2a1b	B cell leukemia/lymphoma 2 related protein A1b [Source:MGI Symbol;Acc:MGI:1278326]		220,9638244	-1,0129457	-2,01802726	7,78742328	26,8015241	2,25459E-07	2,73715E-06	protein_coding
ENSMUSG00000004113	Cacna1b	calcium channel, voltage-dependent, N type, alpha 1B subunit [Source:MGI Symbol;Acc:MGI:88296]		3,703842926	-1,0137454	-2,01914629	1,86682915	7,40969753	0,006487323	0,025257341	protein_coding
ENSMUSG00000025010	Ccnj	cyclin J [Source:MGI Symbol;Acc:MGI:2443297]		15,52743256	-1,0150259	-2,02093915	3,93703809	27,637347	1,46326E-07	1,84728E-06	protein_coding
ENSMUSG00000073758	Sh3d21	SH3 domain containing 21 [Source:MGI Symbol;Acc:MGI:1914188]		6,82943889	-1,0159214	-2,02219405	2,76833064	13,4024552	0,00251295	0,001533878	protein_coding
ENSMUSG00000009248	Ascl2	achaete-scute complex homolog 2 (Drosophila) [Source:MGI Symbol;Acc:MGI:96920]		10,63006858	-1,0212099	-2,02962041	3,39688507	18,5413201	1,66261E-05	0,000138073	protein_coding
ENSMUSG00000097227				3,500932215	-1,0246125	-2,03441284	1,75897852	9,55668362	0,001992227	0,009338139	lincRNA
ENSMUSG00000090862	Rps13	ribosomal protein S13 [Source:MGI Symbol;Acc:MGI:1915302]		84,21891032	-1,0246946	-2,03452866	6,38964909	43,2013608	4,93863E-11	1,1619E-09	protein_coding
ENSMUSG00000032258	Lca5	Leber congenital amaurosis 5 (human) [Source:MGI Symbol;Acc:MGI:1923032]		18,57214188	-1,0253253	-2,03541834	4,20351839	34,5924632	4,06477E-09	6,90257E-08	protein_coding
ENSMUSG00000064043	Trefr1	transcriptional regulating factor 1 [Source:MGI Symbol;Acc:MGI:2442086]		110,1104755	-1,0261031	-2,03651597	6,77812417	42,9764394	5,54031E-11	1,29389E-09	protein_coding
ENSMUSG00000021423	Ly86	lymphocyte antigen 86 [Source:MGI Symbol;Acc:MGI:1321404]		84,92052321	-1,0275989	-2,03862849	6,40536335	38,3695351	5,85391E-10	1,14037E-08	protein_coding
ENSMUSG00000054263	Lifr	leukemia inhibitory factor receptor [Source:MGI Symbol;Acc:MGI:96788]		10,7162955	-1,0282233	-2,03951099	3,40415026	16,4046457	5,11597E-05	0,000376233	protein_coding
ENSMUSG00000038127	Cdc50	coiled-coil domain containing 50 [Source:MGI Symbol;Acc:MGI:1914751]		760,0365573	-1,0348875	-2,04895388	9,56975516	27,1112099	1,92081E-07	2,36326E-06	protein_coding
ENSMUSG00000001424	Snd1	staphylococcal nuclease and tudor domain containing 1 [Source:MGI Symbol;Acc:MGI:1929266]		275,3434469	-1,0352316	-2,04944257	8,10398291	37,4014517	9,61505E-10	1,81825E-08	protein_coding
ENSMUSG00000029552	Nuf2	testis derived transcript [Source:MGI Symbol;Acc:MGI:105081]		219,1096676	-1,0363661	-2,05105487	7,77424404	34,330817	4,6442E-09	7,7902E-08	protein_coding
ENSMUSG00000008450	Nes	nuclear transport factor 2 [Source:MGI Symbol;Acc:MGI:1915301]		13,17413601	-1,0375747	-2,05277738	3,71428941	22,6933407	1,90025E-06	1,9494E-05	protein_coding
ENSMUSG00000020492	Ska2	spindle and kinetochore associated complex subunit 2 [Source:MGI Symbol;Acc:MGI:1913390]		5,492007889	-1,0389018	-2,05466306	2,4349411	12,4640168	0,000414867	0,002377747	protein_coding
ENSMUSG00000041351	Rap1gap	Rap1 GTPase-activating protein [Source:MGI Symbol;Acc:MGI:109338]		7,395063742	-1,0404831	-2,05691629	2,88966435	14,4380622	0,000144845	0,000945581	protein_coding
ENSMUSG00000024854	Pold4	polymerase (DNA-directed), delta 4 [Source:MGI Symbol;Acc:MGI:1916995]		22,06125616	-1,0491103	-2,06925334	4,44383941	26,1214617	3,20601E-07	3,82043E-06	protein_coding
ENSMUSG00000097508		Polymerase (DNA-directed), delta 4, isoform CRA_b; Small subunit DNA polymerase delta p12 [Source:UniProtKB/TrEMBL;Acc:MGI:1918215]		22,06125616	-1,0491133	-2,06925769	4,44384324	26,1164833	3,21428E-07	3,82615E-06	protein_coding
ENSMUSG00000030465	Psd3	pleckstrin and Sec7 domain containing 3 [Source:MGI Symbol;Acc:MGI:1918215]		57,09438052	-1,0503851	-2,07108263	5,82975548	48,1652113	3,91778E-12	1,06117E-10	protein_coding
ENSMUSG00000063873	Slc24a3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3 [Source:MGI Symbol;Acc:MGI:2137513]		10,09164564	-1,0505088	-2,07126017	3,31434477	23,5890876	1,19262E-06	1,26847E-05	protein_coding
ENSMUSG00000006435	Neurl1a	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1 [Source:MGI Symbol;Acc:MGI:2441773]		158,8717729	-1,0508275	-2,07171778	7,30868171	58,3921562	2,14745E-14	8,10793E-13	protein_coding
ENSMUSG00000006435	Neurl1a	neurallized homolog 1A (Drosophila) [Source:MGI Symbol;Acc:MGI:1334263]		9,783341537	-1,0542302	-2,0766098	3,26913312	17,3298128	3,14218E-05	0,000242608	protein_coding
ENSMUSG00000031381	Piga	phosphatidylinositol glycan anchor biosynthesis, class A [Source:MGI Symbol;Acc:MGI:99461]		23,42882041	-1,0554828	-2,07841361	4,54613226	28,3093484	1,03395E-07	1,35724E-06	protein_coding
ENSMUSG00000022769	Sdf2l1	sromal cell-derived factor 2-like 1 [Source:MGI Symbol;Acc:MGI:2149842]		76,16775652	-1,0585988	-2,08290754	6,24575199	42,9325383	5,66604E-11	1,31613E-09	protein_coding
ENSMUSG00000067586	S1pr3	sphingosine-1-phosphate receptor 3 [Source:MGI Symbol;Acc:MGI:1339365]		5,50156711	-1,059648	-2,08442285	2,48710393	13,9353374	0,000189208	0,001195414	protein_coding
ENSMUSG00000019853	Hebp2	heme binding protein 2 [Source:MGI Symbol;Acc:MGI:1860084]		3,958155108	-1,0637778	-2,09039827	1,96166207	11,7331987	0,00061395	0,003357624	protein_coding
ENSMUSG00000078937	Cpt1b	camitine palmitoyltransferase 1b, muscle [Source:MGI Symbol;Acc:MGI:1098297]		5,724000086	-1,0657809	-2,09330264	2,48282913	12,552257	0,000395728	0,002285943	protein_coding
ENSMUSG00000006517	Mvd	mevalonate (diphospho) decarboxylase [Source:MGI Symbol;Acc:MGI:2179327]		29,95							

ENSMUSG00000032216	Nedd4	neural precursor cell expressed, developmentally down-regulated 4 [Source:MGI Symbol;Acc:MGI:192247]	11,83681239	-1,070609	-2,10031975	5,38850792	18,0139887	2,19288E-05	0,000176765	protein_coding
ENSMUSG00000022261	Sdc2	syndecan 2 [Source:MGI Symbol;Acc:MGI:1349165]	4,265301781	-1,0710442	-2,10095338	2,06789803	12,3907659	0,000431462	0,002462585	protein_coding
ENSMUSG00000059895	Ptp4a3	protein tyrosine phosphatase 4a3 [Source:MGI Symbol;Acc:MGI:1277098]	80,56139785	-1,0749735	-2,10668334	6,3271101	50,9781442	9,34002E-13	2,766E-11	protein_coding
ENSMUSG00000052539	Magi3	membrane associated guanylate kinase, VVV and PDZ domain containing 3 [Source:MGI Symbol;Acc:MGI:1923484]	12,16850534	-1,0784551	-2,11175889	3,59785068	27,5609603	1,5222E-07	1,90276E-06	protein_coding
ENSMUSG00000059824	Dbp	D site albumin promoter binding protein [Source:MGI Symbol;Acc:MGI:94866]	11,98950603	-1,079698	-2,11359356	3,56180745	19,718952	8,97073E-06	7,88491E-05	protein_coding
ENSMUSG00000074794	Arrdc3	arrestin domain containing 3 [Source:MGI Symbol;Acc:MGI:2145242]	16,79657976	-1,0812413	-2,11585586	4,04827639	32,8558109	9,92539E-09	1,58044E-07	protein_coding
ENSMUSG00000036052	Dnajb5	DnaJ (Hsp40) homolog, subfamily B, member 5 [Source:MGI Symbol;Acc:MGI:1930018]	21,66719958	-1,0834055	-2,11903219	4,42369752	35,587922	2,43794E-09	4,31375E-08	protein_coding
ENSMUSG00000058709	Egln2	EGL nine homolog 2 (C. elegans) [Source:MGI Symbol;Acc:MGI:1932287]	165,8947232	-1,0851608	-2,12161187	7,37125323	42,5791065	6,78806E-11	1,557E-09	protein_coding
ENSMUSG00000024232	Bambi	BMP and activin membrane-bound inhibitor, homolog (Xenopus laevis) [Source:MGI Symbol;Acc:MGI:1915260]	16,36768585	-1,0865097	-2,12359651	4,01286087	26,3754536	2,8109E-07	3,37523E-06	protein_coding
ENSMUSG00000064360	mt-Nd3	mitochondrially encoded NADH dehydrogenase 3 [Source:MGI Symbol;Acc:MGI:102499]	111,0259805	-1,0865761	-2,12369434	6,79352398	53,5160763	2,56485E-13	8,3127E-12	protein_coding
ENSMUSG00000068686	Cd59b	CD59b antigen [Source:MGI Symbol;Acc:MGI:1888996]	2,860396011	-1,0918954	-2,13153894	1,49255928	8,50891836	0,003534101	0,015179501	protein_coding
ENSMUSG00000024378	Stard4	STAR-related lipid transfer (START) domain containing 4 [Source:MGI Symbol;Acc:MGI:2156764]	61,69797357	-1,0940619	-2,13474227	5,94272371	19,4498515	1,03276E-05	8,92755E-05	protein_coding
ENSMUSG00000097142			1652,119203	-1,0968669	-2,13889688	10,6901164	22,2362866	2,41074E-06	2,41668E-05	lincRNA
ENSMUSG00000015202	Cnksr3	Cnksr family member 3 [Source:MGI Symbol;Acc:MGI:2674130]	134,3089055	-1,0990274	-2,14210239	7,06866614	29,3597689	6,01127E-08	8,29722E-07	protein_coding
ENSMUSG00000003283	Hck	hemopoietic cell kinase [Source:MGI Symbol;Acc:MGI:96052]	507,8651316	-1,0994132	-2,14267527	8,9880917	29,6972516	5,05064E-08	7,08702E-07	protein_coding
ENSMUSG00000038540	Tmc3	transmembrane channel-like gene family 3 [Source:MGI Symbol;Acc:MGI:2669033]	39,5126993	-1,1023759	-2,14707996	5,31016395	26,8968243	2,14611E-07	2,61412E-06	protein_coding
ENSMUSG00000028555	Ttc39a	tetrapeptide repeat domain 39A [Source:MGI Symbol;Acc:MGI:2444350]	2,904401203	-1,1034163	-2,14862891	1,50886419	9,69920365	0,001843479	0,008756724	protein_coding
ENSMUSG00000030906	Rsad1	radical S-adenosyl methionine domain containing 1 [Source:MGI Symbol;Acc:MGI:3039628]	22,54713462	-1,1061186	-2,15265721	4,48074391	37,2028689	1,06457E-09	2,00281E-08	protein_coding
ENSMUSG00000079317	Trappc2	trafficking protein particle complex 2 [Source:MGI Symbol;Acc:MGI:1913476]	77,49083362	-1,1091927	-2,15724893	6,27499587	46,5967592	8,72044E-02	2,26505E-10	protein_coding
ENSMUSG00000059277	R74862	expressed sequence R74862 [Source:MGI Symbol;Acc:MGI:2142382]	2,059664723	-1,1119106	-2,16131687	1,00575031	7,77670881	0,005292413	0,0212606	lincRNA
ENSMUSG00000060512	0610040J01Rik	RIKEN cDNA 0610040J01 gene [Source:MGI Symbol;Acc:MGI:1923511]	5,935489632	-1,111929	-2,16134445	2,56105671	16,08888	6,04379E-05	0,00043715	protein_coding
ENSMUSG00000035356	Nfkbi2	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, zeta [Source:MGI Symbol;Acc:MGI:1931595]	584,0145074	-1,1143169	-2,16492476	9,18964746	31,3222872	2,18556E-08	3,27149E-07	protein_coding
ENSMUSG00000018417	Myo1b	myosin 1B [Source:MGI Symbol;Acc:MGI:107752]	83,29308017	-1,1159866	-2,16743185	6,37695951	61,0972269	5,43246E-15	2,24385E-13	protein_coding
ENSMUSG00000029810	Tmem176b	transmembrane protein 176B [Source:MGI Symbol;Acc:MGI:1916348]	1116,665097	-1,1181625	-2,17073329	10,1248794	23,1019989	1,53631E-06	1,59995E-05	protein_coding
ENSMUSG00000032890	Rims3	regulating synaptic membrane exocytosis 3 [Source:MGI Symbol;Acc:MGI:2443331]	103,9648856	-1,1220284	-2,17652773	6,69551827	55,9358351	7,48753E-14	2,6116E-12	protein_coding
ENSMUSG00000030826	Bcat2	branched chain aminotransferase 2, mitochondrial [Source:MGI Symbol;Acc:MGI:1276534]	162,6890929	-1,1240426	-2,17956864	7,34448086	52,6421476	4,00208E-13	1,24563E-11	protein_coding
ENSMUSG00000039157	Fam102a	family with sequence similarity 102, member A [Source:MGI Symbol;Acc:MGI:2138935]	47,97968897	-1,1248388	-2,18077183	5,57215912	61,5060247	4,41391E-15	1,85807E-13	protein_coding
ENSMUSG00000004880	Lbr	lamin B receptor [Source:MGI Symbol;Acc:MGI:2138281]	16,02893396	-1,1248721	-2,18082208	3,9920147	30,4440093	3,43643E-08	5,02075E-07	protein_coding
ENSMUSG00000058258	ldi1	isopentenyl-diphosphate delta isomerase [Source:MGI Symbol;Acc:MGI:2442264]	44,53069896	-1,1267894	-2,18372227	5,47200032	13,8712924	0,000195773	0,001231227	protein_coding
ENSMUSG00000033105	Lss	lanosterol synthase [Source:MGI Symbol;Acc:MGI:1336155]	51,59701635	-1,1296884	-2,18811147	5,68316674	20,0298508	7,62426E-06	6,79382E-05	protein_coding
ENSMUSG00000030878	Cdr2	cerebellar degeneration-related 2 [Source:MGI Symbol;Acc:MGI:1100885]	27,14108376	-1,1354182	-2,19682232	4,75740761	29,1486746	6,70316E-08	9,16015E-07	protein_coding
ENSMUSG00000029406	Ptlnpm2	phosphatidylinositol transfer protein, membrane-associated 2 [Source:MGI Symbol;Acc:MGI:1336192]	7,591417961	-1,1374964	-2,19998915	2,90702316	20,1387169	7,20239E-06	6,47037E-05	protein_coding
ENSMUSG00000031389	Arhgap4	Rho GTPase activating protein 4 [Source:MGI Symbol;Acc:MGI:2159577]	413,8442257	-1,1375522	-2,20007419	8,6922732	36,966657	1,20167E-09	2,22643E-08	protein_coding
ENSMUSG00000033174	Mgli1	monoglyceride lipase [Source:MGI Symbol;Acc:MGI:1346042]	2,787128417	-1,1379089	-2,20061824	1,45862978	9,66397211	0,001879169	0,008893666	protein_coding
ENSMUSG00000020589	Fam49a	family with sequence similarity 49, member A [Source:MGI Symbol;Acc:MGI:1261783]	290,5542119	-1,1406696	-2,2048333	8,18246211	49,9762425	1,55619E-12	4,5113E-11	protein_coding
ENSMUSG00000048647	Exd1	exonuclease 3'-5' domain containing 1 [Source:MGI Symbol;Acc:MGI:3045306]	3,862512311	-1,141074	-2,20545138	1,93283107	10,2045006	0,001400983	0,006864	protein_coding
ENSMUSG00000030472	Ceacam18	carcinoembryonic antigen-related cell adhesion molecule 18 [Source:MGI Symbol;Acc:MGI:1919681]	2,324970898	-1,1452198	-2,21179824	1,20676027	7,75791007	0,005347781	0,021451648	protein_coding
ENSMUSG00000035332	Gm9821	predicted gene 9821 [Source:MGI Symbol;Acc:MGI:3704208]	9,723810642	-1,1457707	-2,21264299	3,23764528	27,0918665	1,94013E-07	2,38436E-06	protein_coding
ENSMUSG00000079419	Ms4a6c	membrane-spanning 4-domains, subfamily A, member 6C [Source:MGI Symbol;Acc:MGI:2385644]	526,1284061	-1,1484766	-2,21679689	9,03907496	31,5539521	1,93975E-08	2,94365E-07	protein_coding
ENSMUSG00000026357	Rgs18	regulator of G-protein signaling 18 [Source:MGI Symbol;Acc:MGI:1927498]	28,6357541	-1,1557783	-2,22804495	4,82705385	48,7999222	2,38585E-12	7,98911E-11	protein_coding
ENSMUSG0000001637	Cebpdp	C/CAA1/enhancer binding protein (C/EBP), delta [Source:MGI Symbol;Acc:MGI:103573]	67,57197655	-1,1621295	-2,22787502	6,07294104	33,3375337	7,74729E-09	1,24992E-07	accessed_pseudogene
ENSMUSG00000023832	Acat2	acetyl-Coenzyme A acetyltransferase 2 [Source:MGI Symbol;Acc:MGI:87871]	31,40093337	-1,162759	-2,23885181	4,96551203	14,8001144	0,000119526	0,000798806	protein_coding
ENSMUSG00000052889	Prkcbb	protein kinase C, beta [Source:MGI Symbol;Acc:MGI:97596]	623,3423681	-1,1681111	-2,24717293	9,28363993	37,6016289	8,6772E-10	1,65495E-08	protein_coding
ENSMUSG00000069607	Cd300lh	CD300 antigen like family member H [Source:MGI Symbol;Acc:MGI:2687214]	361,9324513	-1,1702875	-2,25056543	8,49967761	48,2903687	3,67553E-12	1,07007E-10	protein_coding
ENSMUSG00000087691	Gm15674	predicted gene 15674 [Source:MGI Symbol;Acc:MGI:3783116]	33,46134998	-1,1706208	-2,25108541	5,05014107	48,3059963	3,64635E-11	1,00156E-10	antisense
ENSMUSG00000034641	Cd300ld	CD300 molecule-like family member d [Source:MGI Symbol;Acc:MGI:2442358]	303,7920537	-1,1737411	-2,25595994	8,24688421	42,8243375	5,98825E-12	1,38804E-09	protein_coding
ENSMUSG00000030471	Zdhhc13	zinc finger, DHHC domain containing 13 [Source:MGI Symbol;Acc:MGI:1919227]	72,83732128	-1,1742047	-2,25668437	6,18380897	43,2493671	4,81894E-11	1,13617E-09	protein_coding
ENSMUSG00000021087	Rtn1	reticulon 1 [Source:MGI Symbol;Acc:MGI:1933947]	7,69955365	-1,1748902	-2,2577569	2,9149488	17,8941264	2,33541E-05	0,000186748	protein_coding
ENSMUSG00000042826	Fgf11	fibroblast growth factor 11 [Source:MGI Symbol;Acc:MGI:109167]	76,60508414	-1,1768407	-2,26081155	6,25615682	51,3899944	7,57252E-13	2,7321E-11	protein_coding
ENSMUSG00000031486	Gpr124	G protein-coupled receptor 124 [Source:MGI Symbol;Acc:MGI:1925810]	2,559267151	-1,1769588	-2,26099656	1,37009936	8,719296	0,003148596	0,013765867	protein_coding
ENSMUSG00000079038	D130040H23Rik	RIKEN cDNA D130040H23 gene [Source:MGI Symbol;Acc:MGI:2444324]	4,996327146	-1,1775587	-2,261937	2,30061851	14,4452079	0,000144297	0,00094256	protein_coding
ENSMUSG00000031385	Plexinb3	plexin B3 [Source:MGI Symbol;Acc:MGI:2154240]	13,70958275	-1,1791336	-2,26440753	3,76930623	37,039877	1,15738E-09	2,14799E-08	protein_coding
ENSMUSG00000028709	Mob3c	MOB kinase activator 3C [Source:MGI Symbol;Acc:MGI:2140623]	38,89760163	-1,1808183	-2,26705321	5,27423261	46,1125329	1,11652E-11	8,85284E-10	protein_coding
ENSMUSG00000034266	Batf	basic leucine zipper transcription factor, ATF-like [Source:MGI Symbol;Acc:MGI:1859147]	58,72098512	-1,1810881	-2,26747736	5,87388392	34,1513364	5,09882E-09	8,28799E-08	protein_coding
ENSMUSG00000038332	Sesn1	sesn1 [Source:MGI Symbol;Acc:MGI:2155278]	208,4350396	-1,1825039	-2,26970357	7,70132118	46,9068336	7,44427E-12	1,95203E-10	protein_coding
ENSMUSG00000044350	Lacc1	laccase (multicopper oxidoreductase) domain containing 1 [Source:MGI Symbol;Acc:MGI:2445077]	236,7518668	-1,1827994	-2,27272904	7,86640678	35,7660069	2,22496E-09	3,98788E-08	protein_coding
ENSMUSG00000096255	Dynll1b	dynein light chain Tctex-type 1B [Source:MGI Symbol;Acc:MGI:98643]	6,197472585	-1,1934922	-2,27505678	2,66671041	14,5094242	0,00013946	0,00091314	protein_coding
ENSMUSG00000078616	Trim30c	tripartite motif-containing 30C [Source:MGI Symbol;Acc:MGI:4821257]	4,826622278	-1,1963456	-2,2915847	2,28571881	15,1297633	0,00010368	0,000682816	protein_coding
ENSMUSG00000081855	Rpl17-ps5	ribosomal protein L17, pseudogene 5 [Source:MGI Symbol;Acc:MGI:3704246]	2,326337071	-1,1977375	-2,29379669	1,15907518	8,21043379	0,000165019	0,017386424	pseudogene
ENSMUSG00000028044	Cks1b	CDK28 protein kinase 1b [Source:MGI Symbol;Acc:MGI:1889208]	18,78420407	-1,1977673	-2,29384407	4,22317861	37,8187326	7,76327E-10	1,49117E-08	protein_coding
ENSMUSG00000020142	Slc1a4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 [Source:MGI Symbol;Acc:MGI:2135601]	10,73597393	-1,1985129	-2,29502976	3,4025025	15,1426971	9,96831E-05	0,000679416	protein_coding
ENSMUSG00000063450	Syne2	synaptic nuclear envelope 2 [Source:MGI Symbol;Acc:MGI:2449316]	8,30079823	-1,1986261	-2,29520989	3,03695206	22,4050834	2,20789E-06	2,22144E-05	protein_coding
ENSMUSG00000046207	Pik3r6	phosphoinositide-3-kinase, regulatory subunit 6 [Source:MGI Symbol;Acc:MGI:2144613]	89,94599951	-1,2013364	-2,29952576	6,48584566	38,0687804	6,82942E-10	1,31871E-08	

ENSMUSG00000025792	Slc25a10	solute carrier family 25 (mitochondrial carrier, dicarboxylate transporter), member 10 [Source:MGI Symbol;Acc:MGI:1353262,4902229]	-1,2317632	-2,34853844	8,03512619	47,1586093	6,54685E-12	1,72909E-10	protein_coding	
ENSMUSG00000059743	Fdps	farnesyl diphosphate synthetase [Source:MGI Symbol;Acc:MGI:104888]	66,03870724	-1,2402431	-2,3623833	6,04149451	16,0303619	6,23348E-05	0,000450204	protein_coding
ENSMUSG0000001508	Sgca	sarcoglycan, alpha (dystrophin-associated glycoprotein) [Source:MGI Symbol;Acc:MGI:894698]	3,895322761	-1,2406737	-2,36308862	1,94531256	11,7078831	0,000622359	0,003396849	protein_coding
ENSMUSG00000055202	Zfp811	zinc finger protein 811 [Source:MGI Symbol;Acc:MGI:2682944]	31,09192966	-1,2464185	-2,37251713	4,94873911	65,6059542	5,005721E-16	2,67733E-14	protein_coding
ENSMUSG00000044827	Tlr1	tol-like receptor 1 [Source:MGI Symbol;Acc:MGI:1341295]	359,2160426	-1,259983	-2,39492919	8,48841319	35,7845803	2,20385E-09	3,95649E-08	protein_coding
ENSMUSG00000017652	Cd40	CD40 antigen [Source:MGI Symbol;Acc:MGI:88336]	24,96422247	-1,2622229	-2,39865042	4,64419257	50,9432334	9,50762E-13	2,88070E-11	protein_coding
ENSMUSG0000004665	Cnn2	calponin 2 [Source:MGI Symbol;Acc:MGI:105093]	126,9071343	-1,2670863	-2,40675007	6,9855819	61,8902916	3,63136E-15	1,55244E-13	protein_coding
ENSMUSG00000052364	B630019K06Rik	RIKEN cDNA B630019K06 gene [Source:MGI Symbol;Acc:MGI:2147918]	4,3571895422	-1,2672491	-2,40702155	2,07265654	16,6778524	4,42951E-05	0,000328831	protein_coding
ENSMUSG00000047786	Lix1	limb expression 1 homolog (chicken) [Source:MGI Symbol;Acc:MGI:1913893]	1,667719046	-1,2698127	-2,41130263	0,75468334	7,61882156	0,005776222	0,022894427	protein_coding
ENSMUSG00000096991			2,366168271	-1,275665	-2,42110388	1,19508229	10,9303603	0,00946011	0,004895724	lincRNA
ENSMUSG00000015852	Fcrls	Fc receptor-like S, scavenger receptor [Source:MGI Symbol;Acc:MGI:1933397]	3710,161412	-1,2796935	-2,42787394	11,8572322	21,9772604	2,75904E-06	2,73096E-05	protein_coding
ENSMUSG00000026458	Ppfia4	protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF), interacting protein (liprin), alpha 4 [Source:MGI Symbol;Acc:MGI:139566561]	13,39566561	-1,2817992	-2,43142021	3,72131152	20,9906248	4,61536E-06	4,36019E-05	protein_coding
ENSMUSG00000087412	Gm15501	predicted pseudogene 15501 [Source:MGI Symbol;Acc:MGI:3704296]	14,74107863	-1,2824791	-2,43256618	3,84017996	17,2675156	3,2469E-05	0,000243959	pseudogene
ENSMUSG00000009292	Trpm2	transient receptor potential cation channel, subfamily M, member 2 [Source:MGI Symbol;Acc:MGI:1351901]	53,33265586	-1,2859649	-2,43845088	5,72591603	54,5444112	1,51974E-13	5,09067E-12	protein_coding
ENSMUSG00000040724	Kcna2	potassium voltage-gated channel, shaker-related subfamily, member 2 [Source:MGI Symbol;Acc:MGI:96659]	3,50764416	-1,2860275	-2,43855662	1,84295861	14,0613004	0,000176947	0,00112507	protein_coding
ENSMUSG00000033768	Nrxn2	neuroligin II [Source:MGI Symbol;Acc:MGI:1096362]	38,09537487	-1,2868113	-2,43988184	5,24365988	47,954409	4,36246E-12	1,18055E-10	protein_coding
ENSMUSG00000043257	Pigv	phosphatidylinositol glycan anchor biosynthesis, class V [Source:MGI Symbol;Acc:MGI:2442480]	21,28494706	-1,288525	-2,44278182	4,40025028	31,6322483	1,8631E-08	8,28909E-07	protein_coding
ENSMUSG00000049744	Arhgap15	Rho GTPase activating protein 15 [Source:MGI Symbol;Acc:MGI:1923367]	28,88829173	-1,2931138	-2,45056397	4,83852736	61,7496445	3,90022E-15	1,65451E-13	protein_coding
ENSMUSG00000073412	Lst1	leukocyte specific transcript 1 [Source:MGI Symbol;Acc:MGI:1096324]	298,3069071	-1,2957527	-2,45505045	8,21979187	57,0398444	4,27071E-14	1,56408E-12	protein_coding
ENSMUSG00000040010	Slc7a5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5 [Source:MGI Symbol;Acc:MGI:1298205]	40,09213284	-1,2971519	-2,45743266	5,31633463	28,5110728	9,31642E-08	1,23028E-06	protein_coding
ENSMUSG00000079481	Nhs12	NHS-like 2 [Source:MGI Symbol;Acc:MGI:3645090]	31,79768123	-1,2996266	-2,46165161	4,98231626	41,9717185	9,26031E-11	2,06375E-09	protein_coding
ENSMUSG00000057191	AB124611	cDNA sequence AB124611 [Source:MGI Symbol;Acc:MGI:3043001]	180,5476644	-1,3048923	-2,47065288	7,43938486	46,1137358	1,11583E-11	2,85284E-10	protein_coding
ENSMUSG00000049612	Omg	oligodendrocyte myelin glycoprotein [Source:MGI Symbol;Acc:MGI:106586]	2,93021745	-1,3083972	-2,47666243	1,52662433	12,7790635	0,00035052	0,002052861	protein_coding
ENSMUSG00000024845	Tmem134	transmembrane protein 134 [Source:MGI Symbol;Acc:MGI:1914240]	200,6796849	-1,3103567	-2,48002858	7,64663239	59,3458889	1,32256E-14	5,15283E-13	processed_transcript
ENSMUSG00000048721	Fndc9	fibronectin type III domain containing 9 [Source:MGI Symbol;Acc:MGI:2443410]	2,013300915	-1,310849	-2,48087489	1,00478891	8,87069435	0,002897849	0,012383172	protein_coding
ENSMUSG00000039304	Tnfrsf10	tumor necrosis factor (ligand) superfamily, member 10 [Source:MGI Symbol;Acc:MGI:107414]	10,05503667	-1,3112865	-2,48162738	3,31669733	24,2001877	8,68238E-07	9,59691E-06	protein_coding
ENSMUSG00000059742	Kcnh7	potassium voltage-gated channel, subfamily H (eag-related), member 7 [Source:MGI Symbol;Acc:MGI:2159566]	2,022466588	-1,3136874	-2,48576071	1,01494854	10,5927102	0,001135344	0,005716786	protein_coding
ENSMUSG00000029185	Fam114a1	family with sequence similarity 114, member A1 [Source:MGI Symbol;Acc:MGI:1915553]	69,39688383	-1,3172553	-2,49191576	6,11497467	44,3289505	2,77581E-11	6,7324E-10	protein_coding
ENSMUSG00000087362	Gm13710	predicted gene 13710 [Source:MGI Symbol;Acc:MGI:3650894]	9,47178676	-1,3175002	-2,49233878	3,1888768	33,1621138	4,87865E-09	1,35597E-07	lincRNA
ENSMUSG00000040520	Manea	mannosidase, endo-alpha [Source:MGI Symbol;Acc:MGI:2444484]	124,0648985	-1,3270525	-2,50889578	6,9521181	70,8756638	3,80462E-17	2,05909E-15	protein_coding
ENSMUSG00000079363	Gbp4	guanylate binding protein 4 [Source:MGI Symbol;Acc:MGI:97072]	1,887545786	-1,3282718	-2,5110107	0,94473022	9,1948283	0,002426999	0,011073685	protein_coding
ENSMUSG00000036330	Slc18a1	solute carrier family 18 (vesicular monoamine), member 1 [Source:MGI Symbol;Acc:MGI:106684]	8,728239897	-1,3334776	-2,52009413	3,11472507	32,1008106	1,46376E-08	2,26356E-07	protein_coding
ENSMUSG00000002699	Lcp2	lymphocyte cytosolic protein 2 [Source:MGI Symbol;Acc:MGI:1321402]	415,6792528	-1,3346934	-2,52221873	8,69912153	42,0139624	9,0624E-11	2,02787E-09	protein_coding
ENSMUSG00000032356	Rasgrf1	RAS protein-specific guanine nucleotide-releasing factor 1 [Source:MGI Symbol;Acc:MGI:99694]	6,021429449	-1,3397294	-2,53103842	2,57326988	15,190347	9,7199E-05	0,000663308	protein_coding
ENSMUSG00000002104	Rapsn	receptor-associated protein of the synapse [Source:MGI Symbol;Acc:MGI:99422]	3,688170498	-1,3417635	-2,5346095	1,83491153	9,4040357	0,002165084	0,010443308	protein_coding
ENSMUSG00000005125	Ndr1g	N-myc downstream regulated gene 1 [Source:MGI Symbol;Acc:MGI:1341799]	2759,827188	-1,3431881	-2,53711364	11,4303323	25,1116841	5,4104E-07	6,12092E-06	protein_coding
ENSMUSG00000031434	Morc4	mirorchidia 4 [Source:MGI Symbol;Acc:MGI:1922996]	84,50450771	-1,3456273	-2,5414068	6,3985154	88,6557636	4,69856E-21	4,12984E-19	protein_coding
ENSMUSG00000016763	Scube1	signal peptide, CUB domain, EGF-like 1 [Source:MGI Symbol;Acc:MGI:1890616]	1,995898546	-1,3490865	-2,54750767	1,02132175	10,6720746	0,001087251	0,005512001	protein_coding
ENSMUSG00000008305	Tie1	transducin-like enhancer of split 1, homolog of Drosophila E(spl) [Source:MGI Symbol;Acc:MGI:1046336]	30,65522632	-1,3624813	-2,57127033	4,93197426	63,3242175	1,75335E-15	7,9934E-14	protein_coding
ENSMUSG00000001249	Hpn	hepsin [Source:MGI Symbol;Acc:MGI:1196620]	42,16819248	-1,3656106	-2,57685356	5,39236895	42,6188834	6,65142E-11	1,52885E-09	protein_coding
ENSMUSG00000078670	Fam174b	family with sequence similarity 174, member B [Source:MGI Symbol;Acc:MGI:3698178]	15,33345619	-1,3719174	-2,58114319	3,92851764	44,9193388	2,0532E-11	5,05796E-10	protein_coding
ENSMUSG00000026815	Gfi1b	Growth factor independent 1B [Source:MGI Symbol;Acc:MGI:1276578]	8,589244016	-1,3790908	-2,60104407	3,0825821	30,3288458	3,64662E-08	5,27177E-07	protein_coding
ENSMUSG00000015854	Cd5l	CD5 antigen-like [Source:MGI Symbol;Acc:MGI:1334419]	1973,355342	-1,3812829	-2,60499913	10,9463244	32,1678644	1,4141E-08	2,19446E-07	protein_coding
ENSMUSG00000037347	Chst7	carbohydrate (N-acetylglucosamine) sulfotransferase 7 [Source:MGI Symbol;Acc:MGI:1891767]	19,05352789	-1,3840209	-2,60994771	4,24126048	39,356354	3,53102E-10	7,26504E-09	protein_coding
ENSMUSG00000097485		Cyclin-dependent kinase 2-associated protein 2 [Source:UniProtKB/TrEMBL;Acc:G3UX88]	39,65563027	-1,3880169	-2,61718679	5,29790519	45,1239082	1,84954E-11	4,6151E-10	protein_coding
ENSMUSG00000024856	Cdk2ap2	CDK2-associated protein 2 [Source:MGI Symbol;Acc:MGI:1098779]	39,65563027	-1,3880182	-2,61718916	5,29790599	45,1208526	1,85242E-11	4,6151E-10	protein_coding
ENSMUSG00000089753	Gm11709	predicted gene 11709 [Source:MGI Symbol;Acc:MGI:3649405]	5,367595226	-1,3916745	-2,62383051	2,41588922	17,0926345	3,56001E-05	0,000269937	protein_coding
ENSMUSG00000048107	Kctd12	potassium channel tetramerisation domain containing 12 [Source:MGI Symbol;Acc:MGI:2145823]	409,5762753	-1,393401	-2,62697232	8,67483037	61,4639391	4,50927E-15	1,89097E-13	processed_pseudogene
ENSMUSG00000045730	Adrb2	adrenergic receptor, beta 2 [Source:MGI Symbol;Acc:MGI:87938]	24,00848838	-1,4018515	-2,64240403	4,57121785	56,1861223	6,59252E-14	2,35169E-12	protein_coding
ENSMUSG00000080875	Gm7332	predicted gene 7332 [Source:MGI Symbol;Acc:MGI:3643344]	9,737954855	-1,4029911	-2,64449289	3,28062989	16,8786681	3,98427E-05	0,000299326	pseudogene
ENSMUSG00000022372	Sla	src-like adaptor [Source:MGI Symbol;Acc:MGI:104295]	274,8978275	-1,4036955	-2,64578433	8,10201223	43,073617	5,27184E-11	1,235E-09	protein_coding
ENSMUSG00000029153	Ociad2	OClA domain containing 2 [Source:MGI Symbol;Acc:MGI:1916377]	14,10227805	-1,4210097	-2,67772849	3,81007444	52,8210968	3,65356E-13	1,15019E-11	protein_coding
ENSMUSG00000075254	Heg1	HEG homolog 1 (zebrafish) [Source:MGI Symbol;Acc:MGI:1924696]	93,01777871	-1,424349	-2,68393362	6,54138293	68,2410213	1,44684E-16	7,42826E-15	protein_coding
ENSMUSG00000056592	Zfp658	zinc finger protein 658 [Source:MGI Symbol;Acc:MGI:2652821]	10,04647063	-1,4251147	-2,68535849	3,1275328	29,77844	4,84349E-08	6,82248E-07	protein_coding
ENSMUSG00000045886	Gm9803	predicted gene 9803 [Source:MGI Symbol;Acc:MGI:3704359]	6,010867954	-1,4341248	-2,70218198	2,58792274	7,93888172	0,004838373	0,019641921	protein_coding
ENSMUSG00000090936	Gm17705	predicted gene, 17705 [Source:MGI Symbol;Acc:MGI:4937339]	19,94645334	-1,4374408	-2,70839992	4,30318505	47,009767	7,06338E-12	1,86559E-10	lincRNA
ENSMUSG00000023367	Tmem176a	transmembrane protein 176A [Source:MGI Symbol;Acc:MGI:1913308]	632,4906275	-1,4418514	-2,71669264	9,30457927	38,5526866	5,32249E-10	1,05747E-08	protein_coding
ENSMUSG00000033577	Myo6	myosin VI [Source:MGI Symbol;Acc:MGI:104785]	12,85521981	-1,4457467	-2,72403769	3,6714972	44,1671376	3,01501E-11	7,26445E-10	protein_coding
ENSMUSG00000096334	Sh2d1b1	SH2 domain protein 1B1 [Source:MGI Symbol;Acc:MGI:1349420]	9,892031907	-1,4488484	-2,72990047	3,28126683	33,9264669	5,72348E-09	9,48475E-08	protein_coding
ENSMUSG00000037995	Igfb9	immunoglobulin superfamily, member 9 [Source:MGI Symbol;Acc:MGI:2135283]	64,12500538	-1,44904	-2,73026311	5,99448239	76,2439338	2,50702E-18	1,53025E-16	protein_coding
ENSMUSG00000045294	Insig1	insulin induced gene 1 [Source:MGI Symbol;Acc:MGI:1916289]	81,83158806	-1,4592603	-2,74967347	6,35095456	30,2459387	3,80587E-08	5,48755E-07	protein_coding
ENSMUSG00000024397	Aif1	allograft inflammatory factor 1 [Source:MGI Symbol;Acc:MGI:1343098]	472,970096	-1,4607047	-2,75242773	8,88529345	55,02285	1,19137E-13	4,06508E-12	protein_coding
ENSMUSG00000044456	Rin3	Ras and Rab interactor 3 [Source:MGI Symbol;Acc:MGI:2385708]	105,0769853	-1,4645502	-2,7597741	6,71104669	44,9559361	2,01518E-11	4,97807E-10	protein_coding
ENSMUSG00000022844	Pdia5	protein disulfide isomerase associated 5 [Source:MGI Symbol;Acc:MGI:1919849]	7,70449666	-1,4667715	-2,76402653	2,94201127	22,6092166	1,9853E-06	2,0253E-05	protein_coding
ENSMUSG00000039081	Zfp503	zinc finger protein 503 [Source:MGI Symbol;Acc:MGI:1353644]	14,52994129	-1						

ENSMUSG00000037318	Traf3ip3	TRAF3 interacting protein 3 [Source:MGI Symbol;Acc:MGI:2441706]		28,25468956	-1,5028907	-2,83409999	4,80798623	40,9362597	1,57276E-10	3,38822E-09	protein_coding
ENSMUSG00000024013	Fgd2	FYVE, RhoGEF and PH domain containing 2 [Source:MGI Symbol;Acc:MGI:1347084]	Sheet1	225,0690629	-1,5120562	-2,85216256	7,81211844	57,7090803	3,03897E-14	1,12421E-12	protein_coding
ENSMUSG00000030621	Me3	malic enzyme 3, NADP(+)-dependent, mitochondrial [Source:MGI Symbol;Acc:MGI:1916679]		2,367177548	-1,5167075	-2,86137293	1,18562366	15,136619	0,000100005	0,000680897	protein_coding
ENSMUSG00000030711	Sult1a1	sulfotransferase family 1A, phenol-preferring, member 1 [Source:MGI Symbol;Acc:MGI:102896]		2,057816212	-1,5289531	-2,88576351	1,01274323	12,6006852	0,000385605	0,002240426	protein_coding
ENSMUSG00000050199	Lgr4	leucine-rich repeat-containing G protein-coupled receptor 4 [Source:MGI Symbol;Acc:MGI:1891468]		6,665210807	-1,5297365	-2,88733089	2,71136791	25,6533747	4,0858E-07	4,72037E-06	protein_coding
ENSMUSG00000051236	MsrB3	methionine sulfoxide reductase B3 [Source:MGI Symbol;Acc:MGI:2443538]		4,916338096	-1,5305825	-2,89024267	2,29979286	25,7312486	3,92421E-07	4,56247E-06	protein_coding
ENSMUSG00000079559	Gm684	predicted gene 684 [Source:MGI Symbol;Acc:MGI:2685530]		4,468153617	-1,5374765	-2,90286309	2,13647674	15,0044042	0,000107261	0,000724767	protein_coding
ENSMUSG00000026655	Fam107b	family with sequence similarity 107, member B [Source:MGI Symbol;Acc:MGI:1913790]		138,8366265	-1,5411656	-2,91029547	7,1144475	68,1826634	1,4903E-16	7,15719E-15	protein_coding
ENSMUSG00000026630	Batf3	basic leucine zipper transcription factor, ATF-like 3 [Source:MGI Symbol;Acc:MGI:1925491]		16,3479757	-1,5431613	-2,91432412	4,01878739	41,8128052	1,00443E-10	2,24494E-09	protein_coding
ENSMUSG0000009145	Dqx1	DEAQ RNA-dependent ATPase [Source:MGI Symbol;Acc:MGI:2136388]		2,776841228	-1,5432692	-2,91454206	1,44461411	14,1410853	0,000169599	0,001084297	protein_coding
ENSMUSG00000027750	Postn	periostin, osteoblast specific factor [Source:MGI Symbol;Acc:MGI:1926321]		9,747932871	-1,5441694	-2,91636114	3,31759068	44,9549132	2,01624E-11	4,97807E-10	protein_coding
ENSMUSG00000035275	Raver2	ribonucleoprotein, PTB-binding 2 [Source:MGI Symbol;Acc:MGI:2443623]		216,1992468	-1,5460111	-2,92008633	7,7551261	56,5981864	5,34611E-14	1,93216E-12	protein_coding
ENSMUSG00000020717	Pecam1	platelet/endothelial cell adhesion molecule 1 [Source:MGI Symbol;Acc:MGI:97537]		21,08276466	-1,5554016	-2,93915523	4,38313997	39,1335161	3,95791E-10	8,06782E-09	protein_coding
ENSMUSG00000023032	Slc4a8	solute carrier family 4 (anion exchanger), member 8 [Source:MGI Symbol;Acc:MGI:1928745]		3,749458662	-1,5625662	-2,95378779	1,86170035	20,1885888	7,01703E-06	6,32973E-05	protein_coding
ENSMUSG0000004328	Hif3a	hypoxia inducible factor 3, alpha subunit [Source:MGI Symbol;Acc:MGI:1859778]		7,150145371	-1,5628367	-2,95434164	2,82014599	24,6314119	6,9411E-07	7,75019E-06	protein_coding
ENSMUSG00000034926	Dhcr24	24-dehydrocholesterol reductase [Source:MGI Symbol;Acc:MGI:1922004]		40,54635481	-1,5703551	-2,96977801	5,33603161	15,4720454	8,37345E-05	0,000584493	protein_coding
ENSMUSG00000045282	Tmem86b	transmembrane protein 86B [Source:MGI Symbol;Acc:MGI:1915500]		2,341448051	-1,576185	-2,98180312	1,21179438	13,4617394	0,001491133	0,001491133	protein_coding
ENSMUSG00000039899	Fgl2	fibrinogen-like protein 2 [Source:MGI Symbol;Acc:MGI:103266]		2003,179043	-1,5772992	-2,98410692	10,9679941	37,1360569	1,10168E-09	2,06203E-08	protein_coding
ENSMUSG00000040297	Suco	SUN domain containing ossification factor [Source:MGI Symbol;Acc:MGI:2138346]		224,5064108	-1,5867923	-3,00380744	7,80983002	86,9115527	1,13485E-20	9,10113E-19	protein_coding
ENSMUSG00000034145	Tmem63c	transmembrane protein 63c [Source:MGI Symbol;Acc:MGI:2444386]		31,21520405	-1,5887208	-3,00782536	4,95860641	56,6759831	5,13873E-14	1,86334E-12	protein_coding
ENSMUSG00000031155	Pim2	proviral integration site 2 [Source:MGI Symbol;Acc:MGI:97587]		144,2347977	-1,5972442	-3,02664806	7,17058144	72,7299925	1,48658E-17	8,37591E-16	protein_coding
ENSMUSG00000085389	1700003M07RIKEN	RIKEN cDNA 1700003M07 gene [Source:MGI Symbol;Acc:MGI:1919475]		23,26411893	-1,6022454	-3,03615487	4,52962799	49,2806351	2,21842E-12	6,33679E-11	lincRNA
ENSMUSG0000006576	Slc4a3	solute carrier family 4 (anion exchanger), member 3 [Source:MGI Symbol;Acc:MGI:109350]		31,55838171	-1,606141	-3,0443642	4,96897884	60,8431483	6,18083E-15	2,53391E-13	protein_coding
ENSMUSG00000034438	Gbp8	guanylate-binding protein 8 [Source:MGI Symbol;Acc:MGI:1923324]		3,971092587	-1,6089054	-3,04597772	1,94712689	17,4912328	2,88636E-05	0,000224602	protein_coding
ENSMUSG00000020785	Camkk1	calcium/calmodulin-dependent protein kinase kinase 1, alpha [Source:MGI Symbol;Acc:MGI:1891766]		10,17450631	-1,6085868	-3,04952972	3,32620521	25,0869907	5,48013E-07	6,21364E-06	protein_coding
ENSMUSG00000074342	1830077J02RIKEN	RIKEN cDNA I830077J02 gene [Source:MGI Symbol;Acc:MGI:3588284]		6,931197944	-1,6236975	-3,08163819	2,76250175	23,5054158	1,24563E-06	1,3172E-05	protein_coding
ENSMUSG00000039943	P1cb4	phospholipase C, beta 4 [Source:MGI Symbol;Acc:MGI:107464]		5,027981827	-1,64097	-3,11875457	2,29174549	28,7646639	8,17287E-08	1,08975E-06	protein_coding
ENSMUSG00000041132	N4bp2l1	NEDD4 binding protein 2-like 1 [Source:MGI Symbol;Acc:MGI:2140872]		31,70296399	-1,6458278	-3,12927367	4,97415695	62,1104383	3,24726E-15	1,41578E-13	protein_coding
ENSMUSG00000030830	Itgal	integrin alpha L [Source:MGI Symbol;Acc:MGI:96606]		1399,134373	-1,6504672	-3,13935279	10,4502533	42,0248161	9,01224E-11	2,02077E-09	protein_coding
ENSMUSG00000037922	Bank1	B cell scaffold protein with ankryrin repeats 1 [Source:MGI Symbol;Acc:MGI:2442120]		4,2058836	-1,6505566	-3,1395475	2,05255435	19,7221046	8,95949E-06	7,87822E-05	protein_coding
ENSMUSG00000036526	Card11	caspase recruitment domain family, member 11 [Source:MGI Symbol;Acc:MGI:1916978]		106,139399	-1,6557901	-3,15095704	6,72393522	86,0791018	1,7288E-20	1,35674E-18	protein_coding
ENSMUSG00000030683	Sez6l2	seizure related 6 homolog like 2 [Source:MGI Symbol;Acc:MGI:2385295]		56,41254645	-1,6672285	-3,17603877	5,81293119	99,0690258	2,43853E-23	2,55163E-21	protein_coding
ENSMUSG00000092901	Mir5130	microRNA 5130 [Source:MGI Symbol;Acc:MGI:4950455]		3,875320173	-1,6748695	-3,19290465	1,88836267	21,5468557	3,45288E-06	3,54855E-05	miRNA
ENSMUSG00000030263	Lrmp	lymphoid-restricted membrane protein [Source:MGI Symbol;Acc:MGI:108424]		297,2753957	-1,6872524	-3,22042793	8,21434645	65,2492779	6,59984E-16	3,18037E-14	protein_coding
ENSMUSG00000000732	Icosl	icos ligand [Source:MGI Symbol;Acc:MGI:1354701]		32,94154682	-1,6923395	-3,23180343	5,03350525	65,9125466	4,71381E-16	2,32245E-14	protein_coding
ENSMUSG00000024074	Crim1	cysteine rich transmembrane BMP regulator 1 (chordin like) [Source:MGI Symbol;Acc:MGI:1354756]		88,23129157	-1,6952581	-3,23834825	6,45885199	78,6909429	7,26278E-19	4,83613E-17	protein_coding
ENSMUSG00000049191	Rgag4	retrotransposon gag domain containing 4 [Source:MGI Symbol;Acc:MGI:3045324]		189,00325314	-1,7211687	-3,29703396	7,56062731	75,2573308	4,13195E-18	2,45393E-16	protein_coding
ENSMUSG00000039611	Tmem246	transmembrane protein 246 [Source:MGI Symbol;Acc:MGI:1914313]		1,82127017	-1,7288256	-3,31457888	0,85690694	15,2905337	9,21773E-05	0,000633762	protein_coding
ENSMUSG00000086184	Gm12764	predicted gene 12764 [Source:MGI Symbol;Acc:MGI:3649980]		5,400334025	-1,7387881	-3,33754686	2,41311878	28,0331826	1,19253E-07	1,54327E-06	antisense
ENSMUSG00000004633	Chn2	chimerin (chimaerin) 2 [Source:MGI Symbol;Acc:MGI:1917243]		2,661515516	-1,7422652	-3,34560049	1,36557254	19,6632099	9,32626E-06	8,08241E-05	protein_coding
ENSMUSG000000048031	Fcrl5	Fc receptor-like 5 [Source:MGI Symbol;Acc:MGI:3053558]		115,6481137	-1,7506073	-3,36500181	6,85265601	92,1868506	7,88671E-22	7,40609E-20	protein_coding
ENSMUSG00000031257	Nox1	NADPH oxidase 1 [Source:MGI Symbol;Acc:MGI:2450016]		8,911652443	-1,7655681	-3,40007851	3,14872029	45,187432	1,7905E-11	4,48116E-10	protein_coding
ENSMUSG00000036432	Siah2	seven in absentia 2 [Source:MGI Symbol;Acc:MGI:108062]		56,10265053	-1,7901719	-3,45856099	5,80324755	66,9073684	2,84569E-16	1,4159E-14	protein_coding
ENSMUSG00000030029	Lrig1	leucine-rich repeats and immunoglobulin-like domains 1 [Source:MGI Symbol;Acc:MGI:107935]		3,145423919	-1,8270736	-3,54816612	1,62538566	22,5903048	2,00494E-06	2,03965E-05	protein_coding
ENSMUSG00000041594	Tmtc4	transmembrane and tetra-tyrosine repeat containing 4 [Source:MGI Symbol;Acc:MGI:1921050]		216,8780649	-1,8331362	-3,56310799	7,75923799	87,0235949	1,07234E-20	8,6631E-19	protein_coding
ENSMUSG00000031523	Dlc1	deleted in liver cancer 1 [Source:MGI Symbol;Acc:MGI:1354949]		3,756992627	-1,8366578	-3,56439647	1,8866636	28,8335401	7,88733E-08	1,0581E-06	protein_coding
ENSMUSG00000050350	Gpr18	G protein-coupled receptor 18 [Source:MGI Symbol;Acc:MGI:107859]		17,97335192	-1,8352621	-3,56836232	4,15784417	59,6541599	1,1308E-14	4,45308E-13	protein_coding
ENSMUSG00000038860	Garnl3	GTase activating RANGAP domain-like 3 [Source:MGI Symbol;Acc:MGI:2139309]		20,50731673	-1,8421331	-3,58539746	4,33944048	51,8284151	6,05689E-13	1,84853E-11	protein_coding
ENSMUSG00000004359	Spic	Spi-C transcription factor (Spi-1/PU.1 related) [Source:MGI Symbol;Acc:MGI:1341168]		25,99766297	-1,8528893	-3,61222891	4,70230891	61,4416979	4,56049E-15	1,90518E-13	protein_coding
ENSMUSG00000020256	Aldh1l2	aldehyde dehydrogenase 1 family, member L2 [Source:MGI Symbol;Acc:MGI:2444680]		5,777446677	-1,8849474	-3,69339463	2,4867276	22,5420561	2,05593E-06	2,08728E-05	protein_coding
ENSMUSG00000016756	Cmah	cytidine monophosphate-N-acetylnneuraminic acid hydroxylase [Source:MGI Symbol;Acc:MGI:103227]		22,53240663	-1,8849665	-3,69344345	4,46937762	114,526418	9,99261E-27	1,48363E-24	protein_coding
ENSMUSG00000036006	Fam65b	family with sequence similarity 65, member B [Source:MGI Symbol;Acc:MGI:2444879]		14,29033354	-1,9001359	-3,72483851	3,82176013	67,2590033	2,38081E-16	1,19991E-14	protein_coding
ENSMUSG00000038807	Rap1gap2	RAP1 GTase activating protein 2 [Source:MGI Symbol;Acc:MGI:3028623]		51,91743363	-1,9177253	-3,7782687	5,69596175	75,9319496	2,93611E-18	1,78227E-16	protein_coding
ENSMUSG00000039221	Rpl2l1	ribosomal protein L22 like 1 [Source:MGI Symbol;Acc:MGI:1915278]		54,81793473	-1,9202627	-3,78493099	5,7711332	73,9743262	7,91397E-18	4,60057E-16	protein_coding
ENSMUSG00000034427	Myo15b	myosin XVb [Source:MGI Symbol;Acc:MGI:2685534]		16,09077307	-1,9528927	-3,87150015	3,98305933	62,5126554	2,64738E-15	1,1776E-13	protein_coding
ENSMUSG00000025432	Avil	advillin [Source:MGI Symbol;Acc:MGI:1333798]		4,445459897	-1,9584558	-3,88645763	2,12421278	25,6206887	4,15564E-07	4,79601E-06	protein_coding
ENSMUSG00000095334	545451647	1,986089		6,545451647	-1,986089	-3,96161584	2,68661541	40,312165	2,16457E-10	4,61789E-09	protein_coding
ENSMUSG00000027347	Rasgrp1	RAS guanyl releasing protein 1 [Source:MGI Symbol;Acc:MGI:1314635]		72,59897696	-2,040841	-4,11485319	6,17826878	51,5553096	6,96082E-13	2,10106E-11	protein_coding
ENSMUSG00000075463	4930594M22RIKEN	RIKEN cDNA 4930594M22 gene [Source:MGI Symbol;Acc:MGI:1925478]		4,008462458	-2,0559506	-4,15817538	1,98747637	27,6741698	1,43567E-07	1,82091E-06	lincRNA
ENSMUSG00000031770	Herpud1	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1 [Source:MGI Symbol;Acc:MGI:2448682]		264,3486892	-2,0668463	-4,18969803	8,04517559	64,5403991	9,45732E-16	4,4405E-14	protein_coding
ENSMUSG00000048498	Cd300e	CD300e antigen [Source:MGI Symbol;Acc:MGI:2387602]		96,14390299	-2,0990269	-4,28420274	6,58865324	86,2593055	1,57823E-20	1,24748E-18	protein_coding
ENSMUSG00000080670	Ncr3-ps	natural cytotoxicity triggering receptor 3, pseudogene [Source:MGI Symbol;Acc:MGI:2149332]		2,23762866	-2,1067428	-4,3071775	1,09207147	24,7648218	6,47688E-07	7,27766E-06	pseudogene
ENSMUSG00000091421	Gm4202	predicted gene 4202 [Source:MGI Symbol;Acc:MGI:3782379]		8,870827688	-2,120						

ENSMUSG00000090185	Gm15523	predicted gene 15523 [Source:MGI Symbol;Acc:MGI:3782970]	Sheet1	2,231510036	-2,3217867	-4,9995101	1,12746715	30,0058027	4,30755E-08	6,12252E-07	antisense
ENSMUSG00000038264	Sema7a	sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A [Source:MGI Symbol;Acc:MGI:50,15200228]		50,15200228	-2,3268982	-5,0172549	5,6413175	74,0249876	7,71344E-18	4,50785E-16	protein_coding
ENSMUSG00000022747	St3gal6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6 [Source:MGI Symbol;Acc:MGI:1888707]		8,283443403	-2,3275234	-5,01942947	3,03581354	48,4098384	3,45829E-12	9,54679E-11	protein_coding
ENSMUSG00000034258	Mfsd7c	major facilitator superfamily domain containing 7C [Source:MGI Symbol;Acc:MGI:2384974]		34,84080047	-2,3623674	-5,14213475	5,12256655	121,732811	2,64116E-28	4,39673E-26	protein_coding
ENSMUSG000000051159	Cited1	Cbp/p300-interacting transactivator with Glu/Asp-rich carboxy-terminal domain 1 [Source:MGI Symbol;Acc:MGI:108023]		2,731476344	-2,3766232	-5,19319789	1,51727689	29,5191761	5,53662E-08	7,71965E-07	protein_coding
ENSMUSG00000002007	Srpk3	serine/arginine-rich protein specific kinase 3 [Source:MGI Symbol;Acc:MGI:1891338]		19,10151401	-2,4234642	-5,36457621	4,23787956	108,281667	2,33171E-25	3,01395E-23	protein_coding
ENSMUSG000000021200	Asb2	ankyrin repeat and SOCS box-containing 2 [Source:MGI Symbol;Acc:MGI:1929743]		136,6106136	-2,5170688	-5,72417891	7,0901956	118,420758	1,40247E-27	2,20127E-25	protein_coding
ENSMUSG00000009092	Der13	Der1-like domain family, member 3 [Source:MGI Symbol;Acc:MGI:1917627]		4,090866181	-2,5269749	-5,76361857	2,00014008	24,5563425	7,21684E-07	8,04989E-06	protein_coding
ENSMUSG000000076617	Ighm	immunoglobulin heavy constant mu [Source:MGI Symbol;Acc:MGI:96448]		119,5538928	-2,5893475	-6,01826464	6,89903972	48,4805167	3,33587E-12	9,25534E-11	IG_C_gene
ENSMUSG00000004709	Cd244	CD244 natural killer cell receptor 2B4 [Source:MGI Symbol;Acc:MGI:109294]		66,64149383	-2,6915279	-6,45997193	6,05380934	67,2891997	2,34462E-16	1,18711E-14	protein_coding
ENSMUSG000000024399	Ltb	lymphotoxin B [Source:MGI Symbol;Acc:MGI:104796]		23,43888494	-2,7952188	-6,94136217	4,53875037	76,5671695	2,12849E-18	1,32873E-16	protein_coding
ENSMUSG000000008193	Spib	Spi-B transcription factor (Spi-1/PU.1 related) [Source:MGI Symbol;Acc:MGI:892986]		8,453335055	-2,917058	-7,55304324	3,02308314	82,0679894	1,31485E-19	9,26042E-18	protein_coding
ENSMUSG000000028782	Bai2	brain-specific angiogenesis inhibitor 2 [Source:MGI Symbol;Acc:MGI:2451244]		18,91189004	-3,0812807	-8,46365449	4,22742811	73,8927143	8,24802E-18	4,76952E-16	protein_coding
ENSMUSG000000073940	Hbb-b2	hemoglobin, beta adult minor chain [Source:MGI Symbol;Acc:MGI:96022]		8,235784846	-3,3496883	-10,1942822	3,014136	53,6768066	2,36337E-13	7,72808E-12	protein_coding