

Probe Set ID	Gene Symbol	Entrez Gene ID	Fold-differenc	P-value
6966497	100042424 /// Pcd5	100042424 /// 56330	0.7171148	0.034774
6911703	1110037F02Rik	66185	0.98284558	0.043503
6792919	1700012B15Rik	74173	1.06818658	0.04971
6904806	1700018B24Rik	66332	1.1950895	0.010103
6774995	1700049L16Rik	108950	0.97621444	0.003612
6771894	1700052N19Rik	73419	0.86920397	0.025686
6868023	1810006K21Rik	69038	0.87931135	0.02501
6792769	1810049H13Rik	66431	0.93069928	0.008913
		72374 /// 74575 ///		
	2210416J07Rik /// 4833406M21Rik ///	321002 /// 319461 ///		
	B930063P07Rik /// D230040N21Rik ///	319610 /// 238871 ///		
6810067	9530083O12Rik /// Pde4d /// AI452195	105178	0.84501274	0.00384
6881625	2310003L22Rik	69487	0.83063275	0.018684
6752068	2310035C23Rik	227446	1.03113984	0.015708
6846388	2310061J03Rik	66391	0.83452876	0.049453
6970302	2610204K14Rik /// Olfr482	67148 /// 258728	0.60937434	0.03762
6964730	2700050L05Rik	214764	0.96885813	0.019065
6800912	2700097O09Rik	72658	0.89951713	0.00889
6989974	2810417H13Rik	68026	1.07897392	0.001309
6839528	3110001I22Rik /// Bfar	66598 /// 67118	0.94248463	0.00251
6916502	4732418C07Rik	230648	0.92056128	0.03362
6918310	4732496O08Rik	242736	0.88649066	0.008025
6913001	4930417M19Rik	320571	0.85699281	0.016896
6813447	4930451E10Rik	78111	1.15209791	0.009243
6825364	4930578I06Rik	67750	0.92838793	0.002164
6881185	4933425O20Rik	66766	1.2325752	0.028626
6899308	4933434E20Rik	99650	0.95401752	0.041048
6771048	5330439M10Rik	78237	1.21534957	0.046581
6987325	5730577I03Rik	66662	1.09829961	0.043019
6838398	5830427D03Rik	76061	1.16061569	0.022476
6802031	6330442E10Rik /// EG432460	268567 /// 432460	0.84806123	0.013664
6949310	8430408G22Rik	213393	0.8157566	0.007747
6884235	9230112E08Rik	320800	0.79461449	0.0394
6885891	9430097D07Rik	319245	1.22897707	0.010996
6870615	9930023K05Rik	226245	0.91923629	0.046909
6917063	9930104L06Rik	194268	0.9060509	0.021988
6756474	A130010J15Rik	319266	0.94320853	0.017165
6798258	A530016L24Rik	319942	1.04004888	0.046503
6850831	A530064D06Rik /// B430306N03Rik	328830 /// 320148	1.12357778	0.001777
6969669	A630091E08Rik	233544	1.16132626	0.043564
6885375	A830007P12Rik	227612	0.94483196	0.015095
6933399	A830023I12Rik	320875	1.08486937	0.016949
6946750	A930038C07Rik	68169	0.76326344	0.004319
6967022	Abcc6	27421	1.04231355	0.020802
6863326	Abhd3	106861	0.83355733	0.011762

6841712 Abi3bp		320712	0.86789214	0.006901
6783063 Acaca		107476	0.91920614	0.036043
6792500 Acox1		11430	0.92991236	0.007184
6937434 Acox3 /// 4931431C16Rik	80911 /// 74364		0.90153329	0.002942
6881028 Acox1		74121	1.06201612	0.038753
6964036 Acp1 /// Prkcb	11431 /// 18751		0.80285369	0.046677
6790960 Acsf2		264895	0.78891075	0.027168
6781029 Acsl6		216739	0.9014129	0.01521
6876914 Acvr2a		11480	1.12032709	0.03024
6828747 Adamts12		239337	0.86353367	0.044311
6843634 Adcy9 /// 4933427I04Rik	11515 /// 664620		0.86373221	0.01094
6956912 Adipor2		68465	0.85925287	0.045632
6874000 Afap1l2		226250	0.86569636	0.019253
6805797 Agtr1a		11607	0.94353853	0.000104
6749044 Al597479		98404	0.89776079	0.049629
6915843 Ak3l1		11639	0.85699914	0.049191
6809372 Ankra2		68558	0.92266489	0.049483
6750600 Ankzf1		52231	1.04418331	0.031033
6972473 Ano1		101772	0.78202574	0.04143
6949885 Ano2		243634	0.85555154	0.042314
6989732 Anp32a /// Anp32-ps	11737 /// 448829		0.91192642	0.035103
6968735 Anpep		16790	0.77613759	0.028049
6833175 Aqp5		11830	0.91232832	0.024269
6996678 Aqp9		64008	0.87065677	0.04789
6836691 Arc		11838	1.0884333	0.041833
6932951 Arhgap24		231532	0.83250394	0.025414
6755176 Arhgap30		226652	0.9472278	0.039027
6974254 Arhgef10		234094	0.88975806	0.029537
6810371 Arl15		218639	0.89563325	0.030164
6760518 Arl4c		320982	0.90601552	0.009656
6951107 Arntl2		272322	1.10315206	0.013344
6876570 Arpc5l		74192	0.88740423	0.047008
6972329 Ascl2		17173	1.1208475	0.004826
6789316 Atp1b2		11932	0.81560941	0.021793
6866118 Atp8b1		54670	0.92998499	0.030023
6994790 AW551984		244810	0.89904818	0.038942
6965982 Axl		26362	0.87046207	0.038457
6854985 B3galt4		54218	1.17289592	0.04459
7009872 B630019K06Rik		102941	1.1742913	0.034073
6994383 Barx2		12023	0.96266851	0.00661
6917219 BC003266		80284	0.65832049	0.027699
6868511 BC016495		225994	0.90612187	0.008642
6940333 BC062109		231503	1.08267807	0.034872
6982649 BC088983		382010	0.93419848	0.009446
6966135 BC089491		280621	1.05494443	0.036079
6916322 Bend5		67621	0.979643	0.037813
6824266 Bmp4		12159	0.79764627	0.043219

6825509 Bnip3l /// ENSMUSG00000073198	12177 /// 100043324	0.91422151	0.01358
6983265 Bst2	69550	0.86858343	0.033969
6970568 Btbd10	68815	0.90153849	0.0153
6939931 Btc	12223	1.0803609	0.02802
6937986 C030015E24Rik /// Kcnip4	77415 /// 80334	1.10971151	0.02025
6769012 C330046G03Rik	252974	1.15597404	0.044623
6804511 Calm4 /// Calm5	80796 /// 494124	1.20011889	0.023362
6810682 Calml3	70405	0.8278154	0.033022
6934670 Caln1	140904	0.90425527	0.035096
6901138 Camk2d	108058	1.06280236	0.048289
6755853 Capn8	170725	0.79603292	0.036697
6950639 Capza3	12344	1.3344063	0.00114
6944372 Cav1	12389	0.86100688	0.020802
6901962 Ccbl2	229905	0.84115738	0.04114
6945004 Ccdc136	232664	0.90480031	0.028828
6841110 Ccdc52	212514	1.0433431	0.03181
6788393 Ccdc69	52570	0.90855242	0.026787
6999522 Cck	12424	0.68628465	0.041504
6898972 Cd1d2 /// Cd1d1	12480 /// 12479	1.20844907	0.033875
6984926 Cdh16	12556	1.11608739	0.022958
6892987 Cdh22	104010	0.8915387	0.020115
6885903 Cdk9	107951	1.03510707	0.021764
6780895 Cdkl3	213084	0.97968646	0.022532
6965950 Ceacam2 /// Ceacam1	26367 /// 26365	0.90155953	0.003092
6846386 Cep97	74201	1.09701075	0.002823
6749735 Cflar	12633	0.86642974	0.03864
6996703 Cgnl1	68178	0.87101411	0.044481
6818665 Cgrf1	68755	0.85151981	0.02162
6895702 Chmp4c	66371	0.83072757	0.015427
6819893 Chrna2	110902	0.93854013	0.026414
6956558 Cidec	14311	0.93436167	0.016713
6841865 Clnd1	224250	1.11633627	0.039133
6949727 Clec4a3	73149	0.84929697	0.041154
7011893 Cnga2	12789	0.83752065	0.048351
6787967 Cnot6	104625	1.09317169	0.02612
6979224 Cntnap4	170571	1.15455134	0.00614
6887286 Cobll1	319876	0.91116864	0.033875
6826016 Cog3 /// ENSMUSG00000053632	338337 /// 791335	0.92301116	0.035086
6783435 Coil	12812	0.8472923	0.046888
6884237 Col20a1	73368	1.1031309	0.028432
6970839 Coq7	12850	0.8602437	0.020541
6834951 Cox6c /// EG621837	12864 /// 621837	0.7555906	0.027321
6949075 Cpne9	211232	1.0357609	0.04938
6815259 Crhbp	12919	1.12407269	0.003248
6832146 Csd2	105859	0.89002391	0.038151
6876072 Cstad	78617	0.79489268	0.033807
6898719 Ctso	229445	0.82931092	0.04708

6760051 Cul3		26554	1.14033417	0.036641
6974137 Cul4a		99375	0.95479748	0.016765
7018564 Cxcr3		12766	1.33444391	0.001631
6762024 Cxcr4		12767	1.02335025	0.043466
6862751 Cyb5		109672	0.87217729	0.022992
Cyp2d40 /// Cyp2d13 /// Cyp2d9 ///	71754 /// 68444 ///			
6837409 Cyp2d10	13105 /// 13101		1.23187198	0.017414
6921985 D630039A03Rik		242484	0.79743343	0.048064
6921918 D730040F13Rik		242474	0.93354103	0.029778
6782496 Dbil5		13168	1.14816289	0.037804
6784605 Ddx42		72047	1.04155811	0.018294
6830505 Depdc6 /// ENSMUSG00000053749	97998 /// 791337		0.78510617	0.043057
6844329 Dgcr8		94223	1.04024018	0.043661
6763144 Dhx9		13211	1.03455236	0.041915
6802727 Dio2		13371	1.12395427	0.031834
6880513 Dll4 /// OTTMUSG00000015946	54485 /// 100038511		0.96779586	0.006696
6839057 Dnaja3		83945	0.92572291	0.000687
6778068 Dnajc14 /// Ormdl2	74330 /// 66844		0.8461977	0.028264
6900644 Dph5 /// Ccrn4l	69740 /// 12457		1.04208094	0.009605
6899222 Dpm3		68563	0.80199714	0.047488
6865100 Dpysl3		22240	1.06306268	0.039752
7013867 Drp2		13497	0.876849	0.044297
	211924 /// 225256 ///			
6859279 Dsg1c /// Dsg1b /// Dsg1a	13510		1.14927576	0.010608
6955175 Dusp11		72102	0.96063948	0.003284
6957251 Dyrk4		101320	1.20545016	0.00368
6913902 E130308A19Rik		230259	0.81876254	0.037629
6827159 Ednrb		13618	0.90409775	0.046932
6969255 Eed		13626	0.97099942	0.006769
6812518 Eef1e1		66143	0.8878944	0.035223
6789851 Efcab5		319634	1.15213704	0.044665
6856480 Efna5		13640	0.75156251	0.041137
	233164 /// 330513 ///			
6966621 EG233164 /// EG330513 /// EG434172	434172		1.14863758	0.007843
6807544 EG328264		328264	1.05406902	0.038279
EG545253 /// Arhgap26 ///	545253 /// 71302 ///			
6860259 9630014M24Rik	381155		1.03991168	0.017036
6993854 Elavl3		15571	1.07946016	0.029362
6924515 Elavl4		15572	1.14366353	0.003874
6902440 Eltd1		170757	0.82645204	0.020185
6803030 Eml5		319670	1.83639787	0.032097
6929517 En2 /// Mym	13799 /// 114775		0.8579065	0.001381
6925776 Epb4.1		269587	1.01214782	0.021422
6921929 Epb4.1l4b		54357	0.8357245	0.011237
6933252 Ephx4		384214	0.79660163	0.016591
7018582 Ercc6l		236930	0.89770292	0.026249
6844160 F830005K03Rik		442816	1.11100502	0.039659

6822477 Fam107a		268709	0.9598849	0.040245
7016887 Fam122b		78755	0.96352656	0.002262
6775301 Fam148c		237397	0.96870727	0.008118
6781607 Fam18b		67510	0.89375419	0.005009
6948328 Fam19a1		320265	1.18540934	0.018798
6907864 Fam19a3		329731	1.09043492	0.013756
6988898 Fam55d		244853	0.89263194	0.019957
6813797 Fbp1		14121	0.72320104	0.000221
6996389 Fbxl22		74165	0.91978846	0.025379
6898873 Fbxw7		50754	0.91466055	0.015652
6764040 Fcgr3		14131	0.78246367	0.002873
6962999 Fchsd2 /// 1110034A24Rik	207278 /// 109065		0.92192566	0.012378
6840094 Fetub		59083	1.12072579	0.030981
6948034 Fgd5		232237	0.92375553	0.009898
7013165 Fgf16		80903	0.90854151	0.011468
6981854 Fgf20		80857	1.08799958	0.043601
6880087 Fmn1		14260	0.91786232	0.021026
6755323 Fmn2		54418	0.92618224	0.008892
6785550 Fn3k		63828	0.86580218	0.015343
6968781 Furin		18550	0.82843649	0.039655
6778355 Gal3st1		53897	0.88468944	0.000229
6867742 Gal3st3		545276	0.96278818	0.029083
6933447 Galnt9		231605	0.90848945	0.039855
6858842 Gata6		14465	0.92984941	0.008558
6824000 Gcap14		72972	1.11143995	0.007539
6785450 Gcgr		14527	1.05460568	0.033224
6929702 Gckr		231103	1.19979201	0.020813
6798946 Gen1		209334	1.05912094	0.017254
6791913 Gh		14599	1.1663111	0.000321
6878028 Gm1631		381371	1.11561301	0.045282
6980993 Golga7		57437	0.94898246	0.000113
6916562 Gpbp1l1		77110	0.93430403	0.030169
6875564 Gpr158		241263	1.2912294	0.009481
6836627 Gpr20		239530	1.15906997	0.016743
6762397 Gpr37l1		171469	0.88960327	0.007675
6752732 Gpr39 /// Lypd1	71111 /// 72585		1.10369356	0.009826
6965906 GriK5		14809	0.92006966	0.017542
	76758 /// 450219 ///			
6784034 Gsdma2 /// Gsdma3 /// Gsdma	57911		1.16368238	0.042513
6845957 Gtpbp8		66067	0.94410922	0.014993
6825258 Gucy1b2		239134	0.74414723	0.020457
6906325 Gucy1b3		54195	0.8300457	0.040679
6888830 Gyltl1b		228366	0.88286739	0.021829
6978932 Has3 /// Chtf8	15118 /// 214987		0.95936187	0.036545
6876136 Hmcn2		665700	1.03427393	0.045364
6822138 Hs6st3		50787	0.8531092	0.034315
6784238 Hsd17b1		15485	1.06738674	0.018172

6876342 Hspa5		14828	0.92738909	0.047649
6785935 Hus1		15574	0.87460955	0.006226
6965146 Ifitm1 /// EG665536	68713 /// 665536		0.70519085	0.039452
6923154 Ifna9 /// Ifna5	15972 /// 15968		1.21764141	0.049205
	381784 /// 676193 ///			
Igkv6-25 /// LOC676193 /// Igk-V21-4 ///	626347 /// 626583 ///			
Igk-V21-2 /// Igk-V28 /// Igk-C ///	16114 /// 16071 ///			
6946835 EG637227	637227		0.86147291	0.018049
6747972 Il17a		16171	1.07241378	0.026258
6964428 Inpp5f		101490	1.10102991	0.031663
6929510 Insig1		231070	0.8254389	0.00024
6878448 Itga4		16401	0.86746894	0.000216
6878031 Itga6		16403	0.89285739	0.010634
6849481 Itpr3		16440	0.83059053	0.019766
6880469 Ivd		56357	0.91690659	0.009724
6898063 Kcnab1		16497	0.94971201	0.019028
6847948 Kcne1		16509	1.07351524	0.00705
6860576 Kcnn2		140492	1.21258034	0.016898
6959116 Kcnn4		16534	0.79015796	0.00049
6949529 Kdm5a		214899	1.04964878	0.037484
6921029 Kif24		109242	0.94288954	0.046263
6992439 Kif9		16578	0.9323839	0.029551
6982924 Klhl2		77113	0.87603252	0.033993
7013389 Klhl4		237010	0.86789996	0.002343
6931229 Klhl5		71778	0.91343248	0.023035
6791332 Krt12		268482	1.07682639	0.023655
6838648 Krt82 /// Krt2-ps1	114566 /// 64819		0.95805497	0.027399
Krtap16-8 /// Krtap6-1 ///	68484 /// 16700 ///			
ENSMUSG00000068075 ///	100093623 ///			
6842999 ENSMUSG00000068074	100038757		0.79348233	0.000943
6976991 Lass1 /// Gdf1	93898 /// 14559		0.90172244	0.029539
6824967 Lats2		50523	0.83376709	0.038069
6884267 Lime1		72699	0.94631692	0.009191
LOC100044830 /// Acot2 /// Acot1 ///	100044830 /// 171210			
6796563 Acot3	/// 26897 /// 171281		0.7519243	0.026556
6956924 LOC100048600 /// Erc1	100048600 /// 111173		0.84670188	0.008267
6845154 Lrrc33		224109	0.81790962	0.026097
6992487 Lrrfip2 /// Ascc3	71268 /// 77987		0.95345076	0.018744
6850107 Ly6g6c /// G6b	68468 /// 114763		0.92021125	0.026197
7011903 Magea4		17140	0.7514052	0.029097
6807518 Mak10		78689	1.02202229	0.027926
6890712 Mall		228576	0.96033789	0.016489
6851669 Man2a1		17158	0.80759413	0.024446
6816080 Map3k1		26401	0.85677285	0.012849
6940535 Mapk10		26414	1.19603532	0.003951
6892903 Matn4		17183	0.872452	0.021401
6815518 Mccc2		78038	0.87274898	0.006221

6944293 Mdfic		16543	0.86129697	0.022484
6925149 Mfsd2		76574	0.92120405	0.033884
6836849 Mfsd3 /// Recql4	69572 /// 79456		0.98217953	0.005596
6796704 Mfsd7c		217721	0.88257615	0.032786
6966028 Mia1 /// Rab4b	12587 /// 19342		0.76898374	0.0366
7014171 Mid2 /// Eif2c2	23947 /// 239528		0.93373906	0.00213
6907148 Mllt11		56772	1.09807734	0.021989
6751520 Mlph		171531	0.84979534	0.040792
6983604 Mmaa		109136	0.930975	0.046203
6919091 Mmel1		27390	1.06580315	0.008504
7017014 Mmgt1		236792	0.9289267	0.017315
6771703 Mmp19		58223	0.8825111	0.036411
7016891 Mospd1		70380	1.07627991	0.011237
6988707 Mpzl3		319742	1.05486156	0.018125
6798939 Msgn1		56184	1.26663367	0.044246
6854431 Msln		56047	0.87917463	0.02608
6967881 Mtmr15		330554	0.92274995	0.046586
6878296 Mtx2		53375	0.8854164	0.009921
6756790 Mybl1		17864	1.23258972	0.046594
6785752 Myl7		17898	0.87295549	0.023482
6973939 Myo16		244281	0.97268484	0.041728
6793498 Nbas		71169	0.84349592	0.028248
6983162 Ncan		13004	0.83282734	0.004646
6952168 Ndufa5		68202	0.7966909	0.039598
6849973 Ndufa7		66416	0.59702821	0.015285
6862816 Neto1		246317	0.88834809	0.021656
6992436 Ngp		18054	0.57926042	0.011797
6820015 Nkx2-6		18092	1.12282986	0.02541
6873025 Noc3l		57753	0.95759443	0.026672
6959586 Nphs1		54631	1.33815756	0.003986
6754274 Nphs2		170484	1.12484301	0.012625
6784042 Nr1d1 /// Thra	217166 /// 21833		0.8735848	0.039167
6948038 Nr2c2		22026	0.96395008	0.017699
6886183 Nr6a1		14536	0.98096937	0.032533
6980016 Nrp1		18186	1.04256452	0.022623
6919407 Nsmaf		18201	0.88014086	0.043547
6884892 Nsun6		74455	0.95650251	0.018513
6807480 Ntrk2		18212	0.77847988	0.040789
6983267 Nxn1		234404	0.94306623	0.045451
7010086 Nyx		236690	1.06263367	0.030477
6971678 Oat		18242	0.81656256	0.020962
6788649 Obscn		380698	1.06945418	0.020577
6888441 Olfr1062 /// Olfr1057	259082 /// 404325		0.81421742	0.005287
6888483 Olfr1100		258587	1.09979731	0.011411
6878829 Olfr1123		258347	1.3191921	0.047416
6855248 Olfr113		258286	0.84640614	0.030279

	258641 /// 258643 ///		
6888535 Olfr1154 /// Olfr1160 /// Olfr1158	258639	1.0776811	0.022385
6888551 Olfr1180	258920	0.54564593	0.026428
	258095 /// 258285 ///		
6850333 Olfr119 /// Olfr122 /// Olfr118 /// Olfr121	404308 /// 258622	0.70586034	0.000585
6850328 Olfr120	258624	0.60142733	0.043673
6878901 Olfr1202	258454	0.73578015	0.009243
6878905 Olfr1206	258896	0.82126326	0.021087
6888607 Olfr1225	258893	0.69910271	0.044266
7012030 Olfr1325	258393	1.31000713	0.044003
	258214 /// 258331 ///		
Olfr1329 /// Olfr1330 /// Olfr1331 ///	258159 /// 258394 ///		
6924927 Olfr1519 /// Olfr1333	258265	1.05703685	0.049781
	258329 /// 258828 ///		
6850348 Olfr135 /// Olfr133 /// Olfr134	258829	0.83637722	0.005775
6780740 Olfr1387	258465	0.62753536	0.046746
6988264 Olfr143	258802	0.69329503	0.04713
6868195 Olfr1444	258697	0.71403152	0.030029
6868211 Olfr1466	258689	0.79782598	0.00382
6824671 Olfr1512	258424	0.79348471	0.03947
6994714 Olfr160 /// Olfr151	80706 /// 406176	0.59667876	0.035334
6839891 Olfr168 /// Olfr166	258354 /// 259071	1.27231979	0.007191
6846547 Olfr199	404310	0.50650403	0.03527
6781293 Olfr311	258530	0.48573645	0.001312
6876463 Olfr350	258620	0.73126219	0.040676
6945821 Olfr447	258990	0.71978786	0.043634
6790581 Olfr462	258406	0.66324034	0.041389
6963281 Olfr477 /// Olfr476	258928 /// 258926	0.383349	0.007066
6963076 Olfr574	258357	1.09451167	0.008844
6824527 Olfr726	258313	0.57918427	0.040248
6771740 Olfr784 /// Olfr780	258724 /// 258281	1.27930773	0.014509
6987287 Olfr855	258517	1.64262596	0.044249
6987308 Olfr869	258550	1.40512616	0.005114
6994765 Olfr934	258434	0.75570723	0.035241
6994799 Olfr979	259112	0.74025813	0.035499
6994807 Olfr985	258854	0.83920877	0.032519
6888374 Olfr992	258865	0.65365955	0.049513
6915905 Oma1	67013	0.92785868	0.038524
6987685 Opcml	330908	0.92982106	0.040308
6999415 Oxsr1	108737	1.05323205	0.045509
6934162 P2rx7	18439	0.84910841	0.007497
6905422 P2ry13	74191	0.8270056	0.005566
6879567 Pamr1	210622	0.82517995	0.019436
6869964 Pax2	18504	1.0546142	0.015625
6885969 Pbx3	18516	0.90433842	0.003124
6998301 Pccb	66904	0.94200721	0.000515
6897166 Pcdh10	18526	1.38323985	0.016359

6860188 Pcdhb14		93885	1.07787335	0.045613
6860211 Pcdhb22		93893	0.94006277	0.000902
6860167 Pcdhb4		93875	1.07549315	0.024904
6843500 Pcp4		18546	0.80240027	0.023342
6764046 Pcp4l1		66425	1.88860544	0.016956
6881771 Pcsk2		18549	1.16220132	0.031295
6871879 Pcsk5		18552	0.888709	0.000555
6867677 Pcx		18563	0.9220539	0.002428
6748832 Pdc13		68833	0.91255094	0.041996
6810084 Pde4d		238871	1.16835821	0.019238
6974618 Pdlim5		56376	0.86622997	0.008963
6956012 Pdzrn3		55983	0.83256184	0.034962
6968728 Pex11a		18631	0.80927934	0.03337
6904100 Pex5l		58869	1.02335994	0.010075
6758704 Pgap1		241062	1.15195365	0.028026
7010327 Phf16		382207	1.15409821	0.006214
6846006 Phldb2 /// Plcxd2	208177 /// 433022		0.91543435	0.048351
6933672 Pla2g1b		18778	1.05693647	0.043352
6828379 Plcxd3		239318	1.36848315	0.03325
6776156 Plxnc1		54712	0.87978749	0.002719
6781612 Pmp22		18858	0.84331762	0.039896
6907289 Polr3gl		69870	0.93604578	0.042648
6916023 Ppap2b		67916	0.87498084	0.040444
6938093 Ppargc1a		19017	1.21433993	0.044643
6865041 Ppp2r2b		72930	0.82426682	0.025572
6901657 Ppp3ca		19055	0.90390935	0.034024
6797551 Ppp4r4		74521	0.89963394	0.007335
6803192 Prima1		170952	0.90269196	0.000431
6872616 Prkg1		19091	0.85052959	0.044417
6955269 Prokr1		58182	1.04251779	0.028723
6891084 Prokr2		246313	0.87716268	0.011085
6854311 Prss22		70835	0.88751413	0.04481
6855724 Ptcra		19208	1.02862919	0.012265
6952750 Ptn		19242	0.74926952	0.031496
6922672 Ptprd /// A230006I23Rik	19266 /// 319919		0.85366385	0.035114
6759789 Ptprn		19275	1.25379806	0.015644
6962577 Rab30		75985	1.04739479	0.046843
6957252 Rad51ap1		19362	0.94217742	0.018953
6889193 Rag1 /// B230118H07Rik	19373 /// 68170		1.131988	0.027501
6917963 Rap1gap		110351	0.91352788	0.039823
6940303 Rasgef1b		320292	0.92709366	0.009175
6959474 Rasgrp4 /// 1110006G06Rik	233046 /// 73833		1.8054611	0.01674
6934584 Rasl2-9 /// Ran	19428 /// 19384		0.70617827	0.029494
6952337 Rbm28		68272	1.02726543	0.034215
6939960 Rchy1		68098	0.94504854	0.019268
6765281 Rcor3		214742	0.91024133	0.038652
6747805 Rdh10		98711	0.86361448	0.008429

6936589 Reln		19699	0.83844032	0.008677
6917690 Rhd		19746	0.82377676	0.0191
6916836 Rims3		242662	0.67934281	0.022741
6983820 Rln3		212108	1.17538577	0.028471
6754143 Rnasel		24014	1.0410127	0.025551
6854387 Rnf151		67504	0.88955435	0.036989
6840539 Rnf168		70238	1.03056417	0.001271
6922063 Rod1		230257	1.05431795	0.045544
	Rpl26 /// OTTMUSG00000026108 ///	19941 /// 100034726		
6781955 ENSMUSG00000063754 ///	EG217600	/// 672214 ///	217600	0.83882242 0.043847
6758027 Rpl31 ///	Tbc1d8	114641 ///	54610	0.95839127 0.039503
	Rpl35a /// OTTMUSG00000021804 ///	57808 ///	100042363	
	ENSMUSG00000070519 ///	/// 100042824 ///		
	ENSMUSG00000057764 ///	100039532 ///		
	ENSMUSG00000068674 ///	100043106 ///		
6840603 ENSMUSG00000068324 ///	Ino80	100043217 ///	68142	0.85964803 0.041518
6933677 Rplp0			11837	0.82733776 0.013139
		382985 ///	384840 ///	
	Rrm2b /// EG384840 ///	EG666548 ///	666548 ///	666790 ///
	EG666790 ///	EG664936 ///	EG631470 ///	664936 ///
	100041478 ///	EG640803 ///	100041478 ///	640803
	LOC100042058 ///	Rpl23a ///	/// 100042058 ///	
6835063 ENSMUSG00000071532		268449 ///	100039571	1.08151674 0.042522
6908493 Rtcd1		66368	1.04084603	0.018344
6932224 Rufy3		52822	1.0455775	0.039838
6936088 Rundc3b		242819	1.06239726	0.039329
6899373 S100a5		20199	3.59412354	0.007696
6807007 S1pr3		13610	0.81396237	0.034211
6775471 S1pr4		13611	1.04166641	0.000502
6768234 Sar1a		20224	0.84937487	0.02841
6782034 Sat2		69215	0.77478826	0.033678
6873271 Scd1		20249	0.8431263	0.019813
6939178 Scfd2		212986	0.91841281	0.006952
6983782 Scoc		56367	0.80875465	0.007398
6902122 Sep15		93684	0.88528057	0.048719
6892831 Serinc3		26943	0.93863099	0.045537
6826081 Serp2		72661	0.81118413	0.041399
6797573 Serpina3a		74069	1.04645698	0.027458
6789743 Serpinf2		18816	1.10645645	0.001989
6783359 Sfrs1		110809	1.05953653	0.012372
6763752 Sft2d2		108735	0.8938306	0.0131
6885770 Sh3glb2		227700	0.92100124	0.022049
6890611 Shc4		271849	0.84540214	0.004816
6782290 Shpk		74637	0.88229927	0.03338
6864585 Sil1		81500	0.86249859	0.039231
6795448 Sip1		66603	0.95049855	0.024836
6780920 Skp1a		21402	0.95260498	0.045971

6960692 Slc17a6	140919	1.43883152	0.016775
6754696 Slc19a2	116914	0.85766808	0.048272
6879569 Slc1a2	20511	0.79992335	0.046804
6907652 Slc22a15	242126	0.9308795	0.044347
6881870 Slc24a3	94249	0.8591284	0.042629
6940933 Slc26a1 /// Idua	231583 /// 15932	1.18134772	0.004433
6864696 Slc35a4 /// Apbb3	67843 /// 225372	1.05249375	0.016661
6812534 Slc35b3	108652	0.90380347	0.039079
6952601 Slc35b4	58246	0.82123992	0.040219
6752730 Slc35f5	74150	0.87854819	0.027188
6753083 Slc41a1	98396	0.83479431	0.025465
6943168 Slc46a3	71706	0.85913237	0.019246
6814347 Slc6a18	22598	1.04295193	0.012004
6824763 Slc7a8	50934	0.79019539	0.023287
6857639 Slc8a1	20541	1.50239066	0.009914
7015941 Slc9a7	236727	1.02207637	0.049582
6991461 Slc9a9	331004	1.04344026	0.01634
	237887 /// 269261 ///		
6790245 Slfn10 /// Rpl12 /// Slfn8 /// Slfn9	276950 /// 237886	1.05841225	0.013179
6782979 Slfn5	327978	0.83482266	0.020105
6836694 Slurp1	57277	0.96268474	0.034969
6891000 Snrpe /// Rnf24	20643 /// 51902	0.92225674	0.0117
6751219 Sp100	20684	0.88034383	0.005827
6797230 Spata7	104871	0.92926759	0.028412
6969770 Spcs2	66624	0.82863385	0.026322
6801902 Spnb1	20741	0.89752913	0.027706
6936679 Srpk2 /// Mll5	20817 /// 69188	1.05545129	0.020581
6808876 Ssbp2	66970	1.1306011	0.048497
6910668 Stgalnac3	20447	0.83337535	0.027492
6864444 Stard4	170459	0.85678968	0.036367
6749392 Stat4	20849	1.09938447	0.011015
6845416 Stfa3	20863	0.61144671	0.010187
6951102 Stk38l	232533	1.14509979	0.012246
6775750 Syn3	27204	1.04538546	0.042665
6765533 Syne1	64009	0.92433454	0.04844
6900116 Syt6	54524	0.9054553	0.009325
	215856 /// 435206 ///		
Taar7a /// Taar7d /// Taar7b /// Taar7e	209517 /// 276742 ///		
6766590 /// Taar7f	435207	0.65216579	0.019622
6979073 Tat	234724	1.13928577	0.001176
6877588 Tbr1	21375	0.90738707	0.029455
Tcf4 /// 4732423E21Rik ///	21413 /// 106967 ///		
6861850 6030446J10Rik /// 9630026C02Rik	320848 /// 320591	1.0879307	0.030002
6951882 Tcfec	21426	0.94282484	0.034828
6870562 Tectb	21684	1.05833767	0.043969
6815058 Thbs4	21828	1.01300432	0.04589
6970904 Thumpd1	233802	0.87273627	0.016768

6813474 Tifab	212937	0.85350411	0.02899
6762420 Timm17a	21854	0.9451575	0.007016
7009797 Timm17b	21855	0.84105186	0.028538
6989019 Timm8b /// AU019823	30057 /// 270156	0.82745151	0.029073
6989874 Tipin	66131	0.89966097	0.04377
6763754 Tiprl	226591	0.85886027	0.041465
6843811 Tmem114	74720	0.92347811	0.044027
6934061 Tmem116	77462	0.91787928	0.043941
6969289 Tmem126a	66271	0.92226718	0.006318
6748011 Tmem14a	75712	0.91724222	0.004794
6988963 Tmprss5	80893	1.09901596	0.04888
6896353 Tnfsf10	22035	0.80572588	0.018392
6843914 Tnp2	21959	1.23555937	0.017047
6952376 Tnp03	320938	1.01918551	0.012582
6986775 Trpc6	22068	0.97590255	0.017329
6986072 Ttc13	234875	0.90290744	0.006936
6990948 Ttk	22137	0.96046193	0.023879
6812214 Tubb2a	22151	0.59721625	0.014113
6901608 Ube2d3	66105	1.0438251	0.011303
6757896 Ugcgl1	320011	0.93785275	0.019166
6909083 Ugt8a	22239	1.10502269	0.017788
6966301 Upk1a	109637	0.86222143	0.014232
6896615 Usp13	72607	0.92140819	0.048825
6959085 V1rd15	209824	1.48858678	0.045719
6900456 Vav3	57257	0.89379363	0.024899
6780933 Vdac1	22333	0.84854907	0.036789
6778939 Vstm2a	211739	0.77730049	0.002946
6963955 Vwa3a	233813	0.87269494	0.02575
6899887 Wars2	70560	0.91294235	0.018102
6942404 Wbscr25	71304	1.06932149	0.015709
6942395 Wbscr28	76629	0.97736567	0.00484
6764662 Wdr26	226757	0.91977465	0.029389

Xk /// OTTMUSG00000016790 ///	22439 /// 547160 ///		
OTTMUSG00000016789 ///	100042922 ///	76383	
1700012L04Rik ///	/// 547154 ///	333452	
OTTMUSG00000016887 /// EG333452 ///	/// 100042927 ///		
7009896 OTTMUSG00000016779 /// EG385328	385328	0.8605236	0.036986
6878702 Ypel4	241525	1.13341694	0.018145
6767384 Zbtb24	268294	0.90707222	0.047177
6775887 Zbtb5 /// Slc17a8	230119 /// 216227	1.07243311	0.044332
6858575 Zeb1	21417	0.87606207	0.018844
6942675 Zfand2a	100494	0.87146422	0.039785
6956891 Zfp248	72720	0.93416545	0.043133
6838979 Zfp263	74120	0.90594142	0.012785
6972598 Zfp296	63872	1.18890464	0.009486
6850695 Zfp318	57908	0.94457068	0.018293

6813877 Zfp367 /// Rab5a	238673 /// 271457	0.94031432	0.034141
6945950 Zfp398		272347 0.84554318	0.002081
6863540 Zfp521		225207 0.88266629	0.029102
6815853 Zswim6		67263 0.81365137	0.022145