

Transcript/Rc	Annotation/Divergence	logFC	FDR
NM_011198	Ptgs2 COX2 Cox-2 PGHS-2 PH	3.91448133	8.11E-12
NM_008036	Fosb - - 7 A2-B1 7 9.56 cM pr	3.82043783	0
NM_001101	Gm4984 AI428901 EG245347	3.708546	5.91E-10
NM_010516	Cyr61 AI325051 CCN1 Igf1bp10	3.33475176	3.92E-138
NM_020596	Egr4 NGF1-C NGFI-C NGFIC p/	3.26846618	4.44E-59
NM_001276	Arc Arc3.1 C86064 arg3.1 mA	3.18455061	1.15E-67
NM_010637	Klf4 EZF Gklf Zie RP23-322L22	3.10393574	2.06E-60
NM_010444	Nr4a1 GFRP1 Gfrp Hbr-1 Hbr1	3.08879378	0
NM_013628	Pcsk1 Nec-1 Nec1 PC1 PC3 PI	3.05810345	0
NM_007570	Btg2 AA959598 APRO1 Pc3 TI	3.00738991	1.45E-169
NR_029794	Mir212 Mirn212 mmu-mir-212	2.99586044	0.00071213
NM_007913	Egr1 A530045N19Rik ETR103	2.87470001	1.89E-276
NM_001001	Itrip1 4833424O12Rik DANGEF	2.86153165	2.86E-103
NM_010234	Fos D12Rfj1 c-fos cFos - 12 D	2.85085891	2.25E-254
NM_025274	Dppa5a AA536857 Dppa5 Esg	2.81877104	0.0003211
NM_153553	Npas4 LE-PAS Nxf - 19 A 19 f	2.76397668	0
NM_009398	Tnfrsf18 TSG-6 Tnfrsf18 RP	2.75174338	4.30E-67
NR_029546	Mir132 Mirn132 mmu-mir-132	2.69873591	0.00023127
NM_011817	Gadd45g AI327420 C86281 CF	2.66556627	1.84E-47
NM_008655	Gadd45b AI323528 Myd118 -	2.59050397	2.47E-59
NM_016789	Nptx2 Narp np2 - 5 G2 5 84.5	2.56613233	1.05E-96
NM_007498	Atf3 LRG-21 - 1 H6 1 96.28 cM	2.56424509	3.58E-46
NM_178892	Tiparp ARTD14 AW558171 PA	2.50251756	2.123312818793e-315
NM_013633	Pou5f1 NF-A3 Oct-3 Oct-3/4 C	2.44648592	5.94E-05
NM_139303	Kif18a AU024633 B130001M1	2.44167858	1.27E-150
NM_008416	Junb - - 8 C2-D1 8 41.41 cM f	2.43737101	2.53E-102
NM_010118	Egr2 Egr-2 Krox-20 Krox20 NC	2.39985151	3.25E-49
NM_153287	Csrnp1 4931429D10Rik Axud1	2.38447324	2.01E-78
NM_001139	Nr4a2 HZF-3 NOT Nurr1 RNR-	2.37369897	1.25E-241
NR_049184	Mir3544 mmu-mir-3544 - 12	2.36960456	2.77E-05
NM_010276	Gem AV020497 RP23-54P14.1	2.34765136	1.68E-20
NM_019518	Grasp tamalin MNCb-4428 15	2.32608047	3.63E-66
NM_018820	Sertad1 1110032C13Rik AV00C	2.29167851	2.91E-24
NM_013642	Dusp1 3CH134 MKP1 Ptpn16	2.28939296	2.25E-93
NM_008082	Galr1 Galnr1 - 18 E3-E4 18 55	2.25644338	4.76E-22
NM_027127	Gpx8 2310016C16Rik AU0170C	2.2458345	8.16E-09
NM_001163	Tchh AHF AI597080 Thh - 3 F	2.24048943	1.35E-52
NM_007540	Bdnf - - RP23-393E8.1 2 E3 2 5C	2.24002801	0
NM_018826	Irx5 - - 8 C5 8 44.93 cM prote	2.21989409	7.41E-05
NM_011562	TdGF1 CR1 cripto - 9 F3 9 60.7	2.21711673	1.92E-06
NR_029752	Mir129-2 Mirn129-2 - 2 2 ncf	2.174405	3.35E-08

NM_010499	Ier2 AI317238 Ch1 Pip92 - 8	2.13355409	1.25E-30
NR_106139	Mir129b mmu-mir-129b - nc	2.13307097	3.21E-07
NR_033307	4930592I03Rik - 18 18 ncRN	2.10006713	1.62E-15
NM_008842	Pim1 Pim-1 - 17 A3.3 17 15.3	2.08972335	9.37E-30
NM_001277	Fgf5 Fgf-5 HBGF-5 angora go	2.08796748	5.49E-55
NM_001081	Ccno C86987 Ccnu E130318K1	2.08582085	1.81E-16
NM_018781	Egr3 Pilot - 14 D2 14 protein-	2.02578485	1.38E-39
NM_019636	Tbc1d1 1110062G02Rik AI385	2.01008944	7.28E-256
NM_027136	Ovca2 9030414M07Rik RP23-1	1.99339445	2.46E-114
NM_015743	Nr4a3 AI573420 CHN CSMF M	1.98525075	0
NM_001146	Rnf217 AU016819 Ibrdc1 - 10	1.98323856	0
NM_001172	Arid5a D430024K22Rik Mrf1 -	1.98057607	1.07E-127
NM_001164	Ankrd33b 0610012A05Rik 302	1.96369306	9.35E-90
NM_009754	Bcl2l11 1500006F24Rik Bim B	1.96079533	6.23E-65
NM_007878	Drd4 AW125663 D4R Drd-4 -	1.96030546	0.0001167
NM_144549	Trib1 A530090O15Rik TRB-1 T	1.93183081	5.00E-60
NM_199449	Zhx2 Afr-1 Afr1 Raf mKIAA08	1.92513494	1.30E-217
NM_009538	Plagl1 Lot1 Zac1 AL713985.1	1.92234118	1.96E-152
NM_148947	Ly6g5c G5c NG33 - 17 B1 17	1.88784925	0.00017578
NM_028894	Lonrf3 4932412G04Rik 573043	1.87364807	2.78E-49
NM_001081	Phf21b A730032D07Rik - 15 E	1.85851396	2.09E-79
NM_001284	Homer1 PSD-Zip45 SYN47 Ves	1.85514166	4.23E-302
NM_019657	Hsd17b12 2610510O05Rik AI1	1.85027969	8.13E-279
NM_007670	Cdkn2b AV083695 INK4b MTS	1.84615573	0.00026815
NM_172152	Slc24a4 A930002M03Rik AW4	1.84177944	2.19E-264
NM_029210	Sv2c 4930527L09Rik AI841971	1.82556886	4.19E-208
NM_009621	Adamts1 ADAM-TS1 ADAMTS	1.82503811	1.10E-99
NM_080555	Ppap2b 1110003O22Rik 26100	1.8236164	5.24E-132
NM_013562	Ifrd1 Ifnl PC4 Tis7 - 12 B1 12	1.81699754	6.98E-201
NM_010720	Lipg 3110013K01Rik EL lipase	1.81554358	5.44E-107
NM_009311	Tac1 4930528L02Rik NK-1 NK	1.73615125	1.63E-09
NM_053075	Rheb - 5 A3 5 protein-codin	1.72196296	1.18E-211
NM_011597	Tjp2 ZO-2 - 19 C1 19 protein-	1.69884522	1.31E-128
NM_001168	Bcor 5830466J11Rik 8430401K	1.67983383	1.41E-182
NR_040331	E130215H24Rik - 2 2 ncRNA	1.6795124	2.27E-09
NM_011401	Slc2a3 AA408729 AL023014 A	1.67905844	9.35E-171
NM_001008	Mxi1 ENSMUSG00000067085	1.6696989	8.39E-169
NM_010899	Nfatc2 AI607462 NF-ATc2 NFA	1.66940925	4.41E-94
NM_019819	Dusp14 1110014C10Rik 23100	1.66875594	7.71E-70
NM_176933	Dusp4 2700078F24Rik AI84461	1.66402767	6.71E-89
NM_001285	Zdbf2 4930431J08Rik 9330107	1.66026662	1.75E-208
NM_178197	Hist1h2bh H2b-221 RP23-283N	1.65826155	1.96E-06

NM_010155	Erf - - 7 A3 7 13.73 cM protei	1.65720542	4.93E-70
NM_029466	Arl5b 4930587A11Rik AW1464	1.65359247	5.17E-144
NM_011448	Sox9 2010306G03Rik AV22092	1.65197009	2.11E-41
NM_008154	Gpr3 Gpcr20 Gpcr21 Gpcr3 RI	1.63470816	1.05E-15
NM_026268	Dusp6 1300019I03Rik MKP-3 I	1.62789842	1.88E-77
NM_011065	Per1 Per m-rigui mPer1 RP23-	1.62721445	6.84E-98
NM_026014	Cdt1 2610318F11Rik AW54565	1.6270229	2.63E-07
NM_183033	Zfp516 C330029B10Rik D2300:	1.62315031	2.48E-143
NM_001276	Ism1 5430433G21Rik Ism RP2:	1.61865954	1.21E-54
NM_025499	Eid3 1700027M21Rik NS4EB -	1.61490447	0.0002986
NM_008690	Nfkbie IKBE - 17 17 C protein	1.61074452	9.56E-10
NM_001114	Fam189a2 AI414343 AI666772	1.59466535	3.74E-135
NM_001177	Ak4 AK 4 Ak-3 Ak-4 Ak3 Ak3I:	1.58486663	6.46E-80
NM_001085	Dusp5 Gm337 - 19 D2 19 pro	1.57743407	1.53E-30
NM_201601	Fgfr2 AU043015 AW556123 B:	1.56740618	3.06E-131
NM_009061	Rgs2 GOS8 AL592303.1 1 F 1	1.56719128	2.78E-128
NM_010831	Sik1 Msk Sik Snf1lk - 17 B1 1	1.56473338	2.24E-92
NM_001042	Smad7 Madh7 - 18 E2 18 pro	1.56348135	7.96E-92
NM_009217	Sstr2 SSTR-2 Smstr-2 Smstr2 s	1.56131901	3.20E-32
NM_009196	Slc16a1 AL022710 Mct1 - 3 F:	1.56033533	2.69E-92
NM_175318	Spty2d1 5830435K17Rik AI852	1.54607255	9.01E-67
NM_144797	Metrn1 9430048M07Rik BC019	1.53994449	1.35E-10
NM_011491	Stc2 AW125853 Stc2 mustc2	1.53709285	1.06E-40
NM_010279	Gfra1 AU042498 - 19 D2-D3 1	1.53638914	1.38E-130
NM_008872	Plat AU020998 AW212668 D8	1.53507351	6.35E-88
NM_008871	Serpine1 PAI-1 PAI1 Planh1 -	1.53132317	0.00045655
NM_001252	Mest AA408879 AI256745 Peg	1.53060293	2.67E-152
NR_029765	Mir337 Mirn337 mmu-mir-337	1.5286407	0.00040618
NM_013815	Baz1a Acf1 B930060C03 BC06	1.51420652	8.11E-66
NM_008013	Fgl2 AI385601 musfiblp - 5 A:	1.51086987	1.27E-05
NM_017373	Nfil3 AV225605 E4BP4 - 13 B:	1.50999969	1.60E-137
NM_008037	Fosl2 Fra-2 - 5 B1 5 17.33 cM	1.499449	3.24E-161
NM_001081	Cartpt Cart - 13 13 D1 protei	1.49007551	2.29E-05
NM_178710	Sik2 G630080D20Rik Snf1lk2 -	1.48744234	7.29E-189
NM_008970	Pthlh PTH-like Pthrp RP24-249	1.47970833	1.69E-10
NM_023794	Etv5 1110005E01Rik 8430401F	1.47440659	8.50E-143
NM_001145	Ube2q1 3110006E14Rik - 13 (1.47335836	1.69E-164
NM_001160	Fam46a D930050G01Rik - 9 E:	1.46916373	2.90E-13
NM_011066	Per2 mKIAA0347 mPer2 - 1 1	1.465553	1.62E-91
NM_026424	Coq10b 1500041J02Rik 17000:	1.46503595	1.55E-49
NM_203491	Chrm2 AChR-M2 Chrm-2 M2	1.45549701	1.59E-139
NR_045328	A330009N23Rik - - 15 F2 15 r	1.45321056	7.60E-08

NM_010206	Fgfr1 AW208770 Eask FLG Fgl	1.44920195	1.23E-116
NM_001081	Irs2 Irs-2 - 8 A1.1 8 5.35 cM p	1.44892199	3.83E-82
NM_007424	Acan Agc Agc1 Cspg1 b2b183	1.4409344	2.10E-99
NM_207515	Mbnl2 1110002M11Rik AI0478	1.43907323	1.23E-176
NM_030244	Ier5l 2610524G09Rik RP23-399	1.4385104	1.25E-10
NM_010591	Jun AP-1 Junc c-jun RP23-135	1.43628653	1.23E-41
NM_025626	Fam107b 3110001A13Rik AA5i	1.42603841	8.41E-125
NM_027715	Otud1 4933428L19Rik RP23-52	1.4110962	2.30E-18
NM_008077	Gad1 EP10 GAD25 GAD44 GA	1.40222007	9.60E-152
NM_198300	Cpeb3 4831444O18Rik mKIAA	1.39650446	8.47E-175
NM_008427	Kcnj4 IRK3 Kcnf2 MB-IRK3 - 1	1.39643993	6.94E-68
NM_013559	Hsph1 105kDa AI790491 Hsp1	1.39153224	1.97E-91
NM_027926	Cpa4 1110019K20Rik AV00955	1.39044489	6.64E-08
NM_030055	Tmem210 4930571C24Rik RP2	1.38374727	1.64E-13
NM_007791	Csrp1 AA408841 AA959891 A	1.37802146	5.75E-19
NM_001002	Penk AI326464 ENK PPA Penk	1.37583853	5.47E-16
NM_028127	Frmd6 2610019M19Rik 49304i	1.36728532	4.50E-103
NM_030880	Pacsin3 4921507A02Rik 63304	1.35040617	2.07E-12
NM_001001	Zfp36l2 Brf2 ERF2 Tis11d - 17	1.34940122	3.54E-08
NM_001284	Hdac5 AI426555 Hdac4 mHDA	1.34905213	1.57E-127
NM_007927	Emd AW550900 Sta RP23-436	1.3476842	9.76E-29
NM_010121	Eif2ak3 AI427929 Pek Perk - i	1.34017347	5.09E-95
NM_009185	Stil Sil RP23-295C20.5 4 D1 4	1.33554508	5.17E-30
NM_181444	Gprc5a Rai3 Rai1 - 6 G1 6 p	1.33545694	1.70E-05
NM_026418	Rgs10 2310010N19Rik - 7 F3 :	1.33052464	2.08E-46
NM_009875	Cdkn1b AA408329 AI843786 k	1.32775149	8.26E-53
NM_172705	Phf13 BC029632 Phf5 SPOC1	1.32696892	6.53E-18
NM_001033	Layn E030012M19Rik Gm511	1.32565432	5.81E-09
NM_138953	Ell2 - - 13 C1 13 protein-codir	1.32420737	1.72E-86
NM_008985	Ptprn IA-2 mIA-A mKIAA4064	1.32416413	3.30E-119
NM_177839	Tnn Tnw tenascin-W - 1 H2.1	1.32210949	5.45E-26
NM_001033	Fbxo33 5730501N20Rik AI642:	1.31221149	4.85E-79
NM_026993	Ddah1 2410006N07Rik 251001	1.30768963	5.16E-128
NM_175141	1810030O07Rik - RP24-392J24	1.30673708	3.08E-58
NM_021451	Pmaip1 Noxa - 18 E1 18 proti	1.30579566	7.65E-06
NR_027955	4931440P22Rik - - 3 E1 3 ncR	1.30525916	8.92E-11
NM_026886	Srrm4 1500001A10Rik B23020	1.30461372	4.81E-154
NM_172574	Pqlc3 C78076 E030024M05Rik	1.30273766	3.23E-57
NM_001205	Jarid2 Jmj jumonji - 13 A5 13	1.29847942	6.47E-152
NM_172271	Slc6a17 AW490886 D130012J1	1.29615925	2.65E-145
NM_011897	Spry2 sprouty2 - 14 E2.3 14 5	1.28856421	8.87E-49
NM_144923	Blvrb - - 7 A3 7 protein-codin	1.28409937	1.28E-12

NR_040660	A730063M14Rik - - 10 D3 10	1.28101646	1.23E-10
NM_008580	Map3k5 7420452D20Rik ASK	1.27585664	2.48E-109
NM_011580	Thbs1 TSP-1 TSP1 Thbs-1 tbsp	1.27378559	1.50E-17
NM_028083	Chaf1b 2600017H24Rik C7614	1.27353588	1.88E-12
NM_001037	Baiap2 IRSp53 R75030 RP23-3	1.27321875	2.81E-108
NM_011400	Slc2a1 Glut-1 Glut1 RP23-344	1.27313431	2.61E-19
NM_025404	Arl4d 1110036H21Rik ARL6 A	1.27184649	2.19E-09
NM_010910	Nefl A1847934 CMT2E NF-L N	1.26500372	3.60E-37
NR_027825	4930470P17Rik - RP23-43J11.2	1.26223363	1.21E-06
NM_009769	Klf5 4930520J07Rik Bteb2 CKL	1.26195845	5.38E-52
NM_001163	Rhpn1 BB023497 Grbp Rhop	1.25968817	4.88E-07
NR_015500	A530013C23Rik - - 2 H3 2 ncf	1.25650673	6.31E-08
NM_013692	Klf10 A1115143 EGR[a] Egral C	1.25369054	3.55E-19
NM_027498	Sik3 5730525O22Rik 9030204	1.25329294	1.23E-141
NM_013863	Bag3 AA407278 Bis mg638 M	1.24659614	1.57E-07
NM_145450	BC022687 AW050009 C13000	1.24634781	2.39E-12
NM_001040	Peg10 AA407948 Edr HB-1 M	1.24459306	1.32E-47
NM_001081	Sipa12 BC058408 mKIAA1389	1.24300037	1.83E-90
NM_001111	Igf1 C730016P09Rik Igf-1 Igf-I	1.24127972	2.05E-48
NM_001033	Lsmem1 Gm889 - 12 B1 12 p	1.24028951	1.23E-32
NM_001081	Dmxl1 C630007L23Rik D03003	1.23992279	6.49E-138
NM_198408	Crhbp CRH-BP - 13 D1 13 49.5	1.23727537	8.79E-13
NM_177290	Itgb8 4832412O06Rik - 12 F2	1.2371848	2.76E-100
NM_009072	Rock2 B230113H15Rik ROKalp	1.23649246	3.79E-132
NM_013904	Hey2 CHF1 Herp1 Hrt2 bHLHt	1.23529218	0.00030083
NM_001278	Rgag4 6430402L03Rik Mar5 M	1.23286531	2.62E-19
NM_011701	Vim - RP23-185P20.1 2 A2 2 1	1.22823428	8.83E-23
NM_205769	Crh CRF Gm1347 - 3 A2 3 5.7	1.22663789	0.0002242
NM_011898	Spry4 A030006O18Rik sprouty	1.22555753	3.06E-23
NM_013626	Pam PHM - 1 D 1 47.76 cM p	1.22051284	7.27E-142
NM_001048	Med14 9930001L01Rik AU041	1.21830728	2.40E-108
NM_011246	Rasgrp1 Rasgrp RP23-73I19.3	1.21821158	4.85E-63
NM_001002	Lmna Dhe - 3 F1 3 38.84 cM	1.21683882	9.79E-50
NM_010295	Gclc D9Wsu168e GLCL-H Ggcs	1.21438034	8.60E-59
NM_181318	Rasgef1b 4732452O09Rik GPIg	1.21350184	2.16E-66
NR_045475	1700001D01Rik - - 8 8 ncRNA	1.21348487	4.52E-16
NM_008654	Ppp1r15a 9630030H21 Gadd3	1.21081706	1.97E-13
NM_139227	Atxn7 A430107N12Rik A16270	1.21079272	1.62E-97
NM_027514	Pvr 3830421F03Rik CD155 D7	1.20957971	3.71E-47
NR_102305	D830026I12Rik - - 6 6 ncRNA	1.20505088	0.00010847
NM_021432	Nap1l5 1110020M21Rik MNct	1.20466606	2.11E-32
NM_001080	Btaf1 A1414500 A1447930 E43	1.20445337	1.53E-116

NM_029688	Srxn1 1700127B04Rik AI85406	1.19369321	2.50E-10
NM_011141	Pou3f1 Oct-6 Oct6 Otf-6 Otf6	1.1918119	2.06E-20
NM_028016	Nanog 2410002E02Rik ENK ec	1.18830774	5.22E-05
NM_175460	Nmnat2 AI843915 D030041109	1.18427321	2.30E-124
NM_010128	Emp1 I-8-09 TMP - 6 G1 6 66	1.18231523	0.00055683
NM_020265	Dkk2 - - 3 3 H2 protein-codin	1.18099954	1.05E-37
NM_145478	Pim3 BC026639 Kid1 - 15 E3	1.17951799	2.17E-17
NR_040450	Gm20356 - - 3 3 33.61 cM nc	1.17908714	2.52E-05
NM_027711	Iqgap2 4933417J23Rik A63005	1.17821281	1.10E-86
NM_010430	Hic1 AA408311 HIC-1 RP23-14	1.1759558	1.79E-06
NM_027113	Wdr5b 2310009C03Rik AI6069	1.17338528	1.02E-08
NM_029735	Eprs 2410081F06Rik 3010002K	1.1715014	3.49E-104
NM_020507	Tob2 2900090N22Rik 4930545	1.16782892	2.27E-34
NM_153508	Clstn3 CSTN3 Cs3 Cst-3 mKIA/	1.16024759	1.65E-95
NM_012008	Ddx3y 8030469F12Rik D1Pas1-	1.15937503	1.20E-43
NM_011612	Tnfrsf9 4-1BB A930040I11Rik ,	1.1591355	3.75E-08
NM_010127	Pou6f1 2310038G18Rik Brn5.0	1.15710378	6.63E-40
NM_028057	Cyb5r1 1500005G05Rik B5R.1	1.15332068	1.02E-16
NM_001081	Mpp7 1110068J02Rik 2810038	1.15044867	5.43E-80
NM_013550	Hist1h3a - - 13 13 A2-A3 prot	1.14649551	0.00010928
NM_010437	Hivep2 MIBP1 Schnurri-2 Shn-	1.14479258	1.75E-123
NM_011498	Bhlhe40 Bhlhb2 C130042M06F	1.14331936	2.89E-12
NR_046047	Gm11186 OTTMUSG0000000000	1.1431158	7.05E-05
NM_001163	Elmsan1 9430029N19Rik C130	1.13678841	2.52E-62
NM_015771	Lats2 4932411G09Rik AV2772f	1.13319604	1.14E-46
NM_013548	Hist1h3f H3.2-221 Hist1 - 13 /	1.13023539	6.05E-05
NM_008465	Kpna1 AW494490 IPOA5 NPI1	1.13022524	2.70E-88
NM_153529	Nrn1 0710008J23Rik Cpg15 Ni	1.12938192	1.12E-33
NM_001103	Tulp4 1110057P05Rik 221003f	1.12631153	1.48E-113
NM_199223	Rtn4rl2 Ngr2 Ngrh1 Ngrl3 - 2	1.12457158	6.32E-42
NM_144491	Dph1 2310011M22Rik 493048:	1.12399357	3.50E-34
NM_009044	Rel c-Rel - 11 A3.2 11 14.36 cl	1.12143985	1.27E-19
NM_198092	Usp2 B930035K21Rik Ubp41 N	1.12040266	6.76E-46
NM_029879	Rgs7bp A930030I01Rik AI8422	1.11811416	3.39E-105
NM_001111	Cdkn1a CAP20 CDKI CIP1 Cdkl	1.11762493	2.35E-32
NM_022019	Dusp10 2610306G15Rik AI158:	1.11667314	3.57E-19
NM_178192	Hist1h4a - mCG_17007 13 A2-	1.11357683	8.09E-05
NM_010500	Ier5 - - 1 G3 1 66.45 cM prote	1.11080437	2.81E-16
NM_001039	Vgf Gm1052 - 5 G2 5 76.13 cM	1.10928057	7.92E-49
NM_001081	Mn1 AA003644 AA009236 - 5	1.10818341	2.64E-81
NM_001033	Heca Gm869 HDC HDCL - 10.	1.10732379	9.10E-66
NM_010143	Ephb3 AW456895 Cek10 Etk2	1.10718989	5.44E-09

NM_001042: Pcdh8 1700080P15Rik Papc -	1.10633737	4.18E-38
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NM_021565 Midn 3000003C15Rik - 10 C1	1.10590898	9.54E-55
NM_177222 Casc1 A230084G12Rik Las1 RF	1.10588303	2.35E-13
NM_010478 Hspa1b Hsp70 Hsp70-1 Hsp70	1.10524142	5.79E-06
NM_013610 Ninj1 AU024536 - 13 A5 13 p	1.10274553	2.79E-06
NM_021301 Slc15a2 8430408C16Rik C7886	1.10270171	4.78E-16
NM_010638 Klf9 2310051E17Rik AA589643	1.09642069	1.13E-40
NM_175314 Adamts9 1810011L16Rik 8430.	1.09586944	5.45E-26
NM_009142 Cx3cl1 AB030188 ABCD-3 AI84	1.09578588	8.95E-40
NM_199299 Jade2 1200017K05Rik AI48068	1.0925927	1.12E-27
NM_001145: Stk40 2310004N11Rik AI42879	1.08936464	4.53E-62
NM_144802 HnrnpII 2510028H02Rik 28100	1.08644261	2.35E-78
NM_001145: Gm13889 Ag2 OTTMUSG0000	1.08550485	4.32E-07
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NM_013598 Kitl Clo Con Gb Kitlg Mgf SCF	1.08097176	1.66E-90
NM_019967 Brinp1 BRINP Dbc1 Dbccr1 Fa	1.08019757	2.71E-110
NM_133919 Aff1 9630032B01Rik AW31919	1.07842153	3.69E-54
NM_177469 Gpr123 2900059M17Rik D7Ert	1.07821804	4.66E-61
NM_025696 Sorcs3 6330404A12Rik AW045	1.07666752	4.14E-103
NM_201531 Kcnf1 Gm1182 Kv5.1 - 12 A1.	1.07612092	2.77E-21
NM_009024 Rara Nr1b1 RAR RARalpha1 R	1.07551591	2.32E-27
NM_015806 Mapk6 2610021I23Rik D13005	1.07547511	3.88E-53
NM_173867 Rcc2 2610510H01Rik 2610529	1.07279762	1.39E-32
NM_013807 Plk3 Cnk Fnk PRK RP23-59L24	1.07190938	1.37E-11
NM_001111: Nedd9 Cas-L CasL HEF1 MEF1	1.07129864	1.61E-52
NR_029460 6530402F18Rik mKIAA1857 mi	1.07036988	1.82E-49
NM_009556 Zfp42 Rex-1 Rex1 Zfp-42 - 8 /	1.06891985	5.02E-05
NM_009546 Trim25 AA960166 AL022677 E	1.06852135	3.74E-05
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NM_001285: Gls2 A330074B06Rik AI195532	1.06675146	2.41E-18
NM_007419 Adrb1 Adrb-1 beta-AR - 19 D2	1.06621554	2.85E-14
NR_003513 Neat1 2310043N10Rik VINC -	1.06510185	1.01E-09
NM_019430 Cacng3 - - 7 F3 7 protein-cod	1.06383677	2.01E-54
NM_001004: Maml3 AV234550 BC049812 P	1.06171741	1.17E-102
NR_045434 2900008C10Rik - - X A1.1 X n	1.05898243	3.40E-16
NM_001081: Cystm1 0610010O12Rik - 18 :	1.05152261	1.45E-49
NM_027977 Apmap 2310001A20Rik AI3148	1.05118908	3.01E-43
NM_001163: Ccdc147 Gm969 - 19 D1 19 p	1.05062658	1.70E-13
NM_177140 Tmem251 D230037D09Rik - 1	1.05036688	9.88E-08
NM_199322 Dot1l A630076O07 AW907654	1.04942469	2.47E-66

NM_011527	Tal1 SCL/tal-1 ScI bHLHa17 ta	1.04600634	0.00011731
NM_001282	Ntrk2 GP145-TrkB/GP95-TrkB	1.04595231	5.58E-108
NR_045283	Gm15941 OTTMUSG00000028	1.04475178	1.08E-18
NM_001165	Ctage5 D12Bwg0579e Mea6 N	1.04430778	1.35E-68
NR_028264	Dleu2 1810047A16Rik 493241	1.04414511	1.71E-79
NM_001033	Usp36 2700002L06Rik mKIAA1	1.0427453	4.11E-59
NM_001039	Mlf1 HLS7 - 3 E1 3 30.91 cM	1.04226218	1.10E-05
NM_001167	Gpr19 - - 6 G1 6 protein-codi	1.03815319	2.19E-48
NM_145630	Pdk3 2610001M10Rik AI03563	1.03766548	2.28E-35
NM_016803	Chst3 C6ST C6ST-1 GST-0 - 1C	1.03709678	2.18E-10
NM_008990	Pvr12 AI325026 AI987993 Cd1	1.03665053	6.83E-38
NM_178185	Hist1h2ap ENSMUSG00000060	1.03475912	2.22E-09
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NM_008926	Prkg2 AW212535 CGKII Prkgr2	1.03008037	3.13E-37
NM_010755	Maff - - 15 E1 15 37.7 cM prc	1.02347197	1.64E-22
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NM_001177	Hist1h2ao Rp23-480b19.10 RP	1.0222054	4.15E-10
NR_038006	9630028B13Rik - - 1 H5 1 ncF	1.02161013	5.30E-17
NM_212457	Bex4 - RP23-1A3.7 XE3 X prol	1.01788332	3.28E-06
NM_012051	Etv3 AI414410 METS Pe1 - 3	1.0171615	4.22E-29
NM_009174	Siah2 AA415433 Sinh2 - 3 D	1.01398808	1.38E-32
NM_029332	Akap13 1700026G02Rik 57305	1.01048376	1.64E-64
NM_001033	Gfod1 9630032O13 AI850995	1.01028368	1.08E-75
NM_144813	Slc24a1 - - 9 C 9 protein-codi	1.0086835	2.63E-24
NM_134255	Elov5 1110059L23Rik AI74731	1.00849884	5.68E-62
NM_001042	Trim71 2610206G21Rik AL022	1.0070872	8.03E-23
NM_001205	LOC100504608 - - protein-cr	1.00640476	3.55E-09
NM_009129	Scg2 Chgc SgII - 1 C4 1 40.89	1.00572193	5.66E-47
NM_010757	Mafk AW061068 NF-E2 Nfe2u	1.00375917	3.23E-08
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NR_027893	BB123696 - - ncRNA	0.99929621	0.00064927
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NM_011023	Otx1 A730044F23Rik jv RP23-	0.99699147	3.77E-05
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NM_016709	Auh C77140 W91705 - 13 B1	0.99599459	5.23E-67
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NM_133753	Errfi1 1300002F13Rik AI78875	0.99324298	1.27E-26
NM_133501	Ntng2 2610016D08Rik Lmnt2	0.99311681	5.89E-78
NM_029999	Lbh 1810009F10Rik 6720416L1	0.9926527	5.08E-48
NM_026921	Isca1 1810010A06Rik Hbld2 -	0.99204218	2.53E-20
NM_153155	C1ql3 1110065A22Rik AI66162	0.99189196	1.99E-22
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NR_040759	Kcnd3os 1700095B22Rik - 3 Fz	0.99121012	3.71E-10
NM_172632	Mapk4 A330097D03Rik Erk3 P	0.99109326	3.47E-79
NM_013926	Cbx8 Pc3 RP23-458A23.1 11 1	0.99042066	9.36E-06
NM_001168	Tsku 9530051K01Rik E2ig4 Lrr	0.99033354	3.88E-14
NR_045390	D730045A05Rik - - 18 18 ncR	0.98778333	8.52E-05
NM_054045	Hist2h3c2 H3-614 H3.2-614 Hi	0.9859902	0.00077268
NR_037993	B230216N24Rik - - 1 1 ncRN	0.98374375	1.37E-53
NM_031396	Cnm1 A1846314 Acdp1 CLP-1	0.98321138	9.08E-64
NM_011777	Zyx 9530098H06Rik R75157 -	0.98224331	6.97E-10
NM_013779	Magel2 Mage-l2 NDNL1 nM15	0.98192064	4.69E-11
NM_026186	Cwc25 1300013D05Rik AA473	0.97979791	1.54E-32
NM_023790	Wdr54 1700030E05Rik - 6 6 C	0.97306373	9.77E-07
NM_001159	Fam150b 6230419C23Rik - 12	0.97275153	4.41E-19
NM_172142	Nfkbid IkappaBNS - 7 B1 7 pr	0.97199734	3.38E-05
NM_001136	EdnrB ET-B ET-BR ETR-b ETb	0.96907941	4.85E-12
NM_175140	Chst8 1500011J21Rik AI42600	0.96848777	8.05E-66
NR_002849	8430431K14Rik - - 19 C1 19 r	0.96841196	1.56E-05
NM_172506	Boc 4732455C11 mFLJ00376 -	0.96809341	2.15E-43
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NR_030711	Mir22hg 2210403K04Rik - 11	0.96736111	8.45E-24
NM_001113	Tec - - 5 C3.2 5 38.44 cM pro	0.96304509	8.07E-21
NM_178744	Zbtb1 9430077A12 AI256369	0.96119111	6.04E-15
NM_001109	Apold1 Gm1075 - 6 G1 6 pro	0.96078801	1.74E-06
NM_009294	Stx4a Stx4 Syn-4 Syn4 - 7 7 F	0.95931092	9.96E-12
NM_001164	Mum1 1 9430086K21Rik - X F	0.95898958	3.31E-06
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NM_009510	Ezr AW146364 R75297 Vil2 p	0.95824385	1.86E-12
NM_172911	D8Ertd82e 9830148H23 Sgk22	0.95781275	8.12E-31
NM_016972	Slc7a8 AA408822 LAT2 - 14 C	0.95736363	1.56E-63
NM_198668	4930590J08Rik Gm1071 - 6 D	0.9563851	1.16E-19
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NM_172781	Klhl4 B130014A11 C130018J01	0.95548385	7.38E-30
NM_001277	Pex5 AW212715 ESTM1 PTS1f	0.95546347	3.29E-43
NM_001271	Skil Skir SnoN sno - 3 A3 3 1	0.95537304	5.52E-45
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NM_008667	Nab1 - - 1 C1.1 1 26.99 cM pr	0.95443126	1.44E-54
NM_009447	Tuba4a M[a]4 Tuba4 - 1 1 C3	0.95276424	8.68E-16
NM_177854	Sertm1 6030405A18Rik - 3 C	0.948367	2.42E-19
NM_134080	Flnb AL024016 - 14 A1 14 prc	0.94700472	4.20E-70
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NM_130447	Dusp16 3830417M17Rik AW5	0.9443297	2.05E-26

NM_178726	Ppm1 3222401G13 5930404J2	0.94412413	3.27E-80
NM_001142	Plod2 D530025C14Rik LH2 Plo	0.94321116	1.51E-29
NM_010218	Fjx1 - RP23-224E21.3 2 E2 2 f	0.94294345	7.04E-19
NM_001166	Tead1 2610024B07Rik B23011	0.94170935	6.38E-62
NM_001111	Tbc1d9 4933431N12Rik AI847	0.94058264	2.33E-71
NM_024285	Bves Pop1 Popdc1 mbVES - 1	0.93921361	1.26E-12
NM_001282	Vasp - - 7 A3 7 protein-codin	0.93782174	1.39E-15
NM_016695	Mpp2 D11Bwg0652e Dlg2 Dlg	0.93757715	4.80E-30
NM_023324	Peli1 2810468L03Rik A930031	0.93739844	1.48E-73
NM_007991	Fbl AL022665 FIB FLRN RNU3	0.93506851	1.04E-16
NR_027966	4930429B21Rik - - 3 A3 3 ncF	0.93427589	0.00040099
NM_001162	Dennd4a AI115600 AI851943	0.93372141	1.17E-70
NR_045047	2810011L19Rik - - 12 E 12 nc	0.9332443	3.05E-27
NM_207625	Acsl4 9430020A05Rik ACS4 AL	0.9331154	6.27E-65
NM_001162	Zc3h12c A230108E06 C230027	0.93270075	1.56E-58
NM_146030	Plekh3 BC020025 RP23-281C	0.93195502	4.36E-05
NM_001001	H2-K1 H-2K H-2K(d) H2-K K-f	0.93182778	9.92E-09
NM_175482	Usp28 9830148O20Rik AU022	0.9312369	1.81E-44
NM_009740	Bcl10 AI132454 BCL-10 C8140	0.93115408	3.55E-08
NM_080793	Setd7 1600028F23Rik H3K4MT	0.92772087	9.55E-56
NM_022995	Pmepa1 2210418I02Rik AW45	0.92753402	3.06E-47
NM_001177	Grin1 GluN1 GluRdelta1 GluRz	0.923328	4.89E-63
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NM_177059	Fstl4 B230374F23Rik SPIG1 mi	0.91860029	1.75E-70
NM_001164	Irf2bp2 E130305N23Rik IRF-2B	0.91842049	1.25E-27
NM_177914	Dgkk Gm360 RP23-163A2.1 X	0.91742625	2.03E-20
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NM_001167	Ankrd50 AI662170 E430012K2	0.91470576	2.10E-38
NM_007978	F8a AI852759 DXUcsf1 F8a1 F	0.91418698	3.76E-05
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NM_009167	Shc3 N-Shc Rai ShcC - 13 A5	0.91196834	6.80E-71
NM_133831	Gltscr2 5330430H08Rik 94300	0.91183244	7.75E-16
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NM_026784	Pmvk 1110011E12Rik 2900002	0.91001462	3.91E-31
NM_177192	Dennd5b 9330160C06Rik AI85	0.90912634	4.39E-69
NM_011843	Esyt1 Fam62a Mbc2 vp115 -	0.90847081	6.09E-15
NM_001037	Adam15 MDC15 metargidin -	0.90411103	3.39E-23
NM_015755	Hunk Bstk1 Mak-v - 16 C3.3 j	0.90357858	2.03E-62
NM_001163	Wdr90 3230401M21Rik AI551	0.90165495	4.06E-22

NM_001033	Kdm7a A630082K20Rik BB041	0.9014916	2.20E-37
NM_019392	Tyro3 AI323366 Br Dtk Etk-2	0.89815641	5.44E-28
NM_197959	Kif18b 3000004C01Rik RP23-4	0.89702577	0.00015328
NM_144537	Cpa5 4930430M09Rik - 6 A3.3	0.89702577	0.00015328
NM_001254	Rnf128 1300002C13Rik AI9878	0.89693666	1.23E-22
NM_011896	Spry1 sprouty1 - 3 B 3 proteii	0.89484435	2.09E-05
NM_181585	Pik3r3 AA414954 p55pik RP23	0.89423528	1.52E-54
NM_008078	Gad2 6330404F12Rik GAD(65)	0.89359797	3.42E-60
NM_011392	Slc34a1 NaPi-IIa Npt2 Npt2a S	0.89217994	4.82E-07
NM_024171	Sec61b 1190006C12Rik AI3261	0.89210943	1.86E-11
NM_026770	Cgref1 1110004G24Rik AW045	0.89130147	7.46E-17
NM_031494	Zfp275 5430431L06Rik AI5933	0.8907336	5.63E-24
NR_045050	9130015A21Rik - - 12 A3 12 r	0.89055267	2.51E-06
NR_040367	Gm16796 - - 2 2 91.91 cM nc	0.88893491	0.00030103
NM_023422	Hist1h2bc 2610022J01Rik H2b	0.88687643	3.06E-10
NM_207525	Opa3 D630048P19Rik Gm1425	0.88558151	7.43E-20
NM_001033	Iqsec3 AK122446 BRAG3 mKIA	0.88061313	5.11E-53
NM_020260	Arhgap31 5830477L08Rik AU0	0.87864315	8.36E-24
NM_001081	Taf1 250kDa AU015687 B4303	0.87826694	5.81E-54
NM_138682	Lrrc4 MBAG1 NGL-2 NLG-2 N	0.8781914	4.61E-15
NM_133697	Smim14 1110003E01Rik 17001	0.87585513	1.29E-53
NM_152804	Plk2 Snk - - 13 13 D2.1 protein	0.87584406	2.88E-36
NM_008300	Hspa4 70kDa AI317151 APG-2	0.87496368	1.46E-52
NM_172788	Sh3rf3 4831416G18Rik Igfbp5-	0.87488207	3.91E-73
NM_011790	Arih2 AI843547 ARI2 TRIAD1	0.87477208	6.18E-45
NM_024457	Rap1b 2810443E11Rik - 10 D2	0.87337341	2.05E-44
NM_181317	Kcns2 E130006J24Rik Kv9.2 -	0.87239317	2.38E-09
NM_007627	Cckbr CCK2R CCKR-2 - 7 E3 7	0.87071463	1.24E-07
NM_146117	Lrrc26 RP23-132N23.19 RP23-	0.86999098	1.84E-06
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NM_009963	Cry2 AV006279 D130054K12Ri	0.86645787	1.62E-42
NM_177618	Wscd1 mKIAA0523 RP23-223C	0.86536314	9.10E-34
NM_015747	Slc20a1 AI607883 Glvr-1 Glvr1	0.86219408	2.76E-45
NM_023579	Ipo5 1110011C18Rik 5730478E	0.86198905	1.11E-45
NM_007785	Csn1s2a Csn1s2b Csng - 5 E1	0.86056284	1.84E-07
NR_033533	Gm12603 OTTMUSG00000007	0.85983006	8.46E-07
NR_040621	D930015M05Rik - - 2 2 ncRN	0.85918863	7.84E-35
NR_028438	9230102K24Rik - - 10 D1 10 r	0.85654014	0.00085176
NM_133738	Antxr2 2310046B19Rik AW561	0.85524267	1.24E-25
NM_007772	Hivep1 Cryabp1 - - 13 A4 13 20	0.85451025	8.40E-56
NM_144907	Sesn2 HI95 SEST2 Ses2 RP23-	0.85380838	4.80E-14

NM_009324	Tbx2 - RP23-324M14.4 11 C 1	0.85349359	0.00069087
NM_009215	Sst SOM SRIF SS Smst - 16 ce	0.85253003	1.65E-15
NM_133668	Slc25a3 5730556H19Rik PTP P	0.85161498	5.82E-36
NM_001012	Acid - - 8 D3 8 53.04 cM prote	0.85137495	1.32E-08
NM_011286	Rph3a 2900002P20Rik AU0226	0.85099954	8.89E-35
NM_134141	Ciapi1 2810413N20Rik AA617	0.85010557	2.65E-23
NM_009829	Ccnd2 2600016F06Rik AI25681	0.84953061	1.19E-23
NM_007513	Slc7a1 4831426K01Rik AI4474	0.84909457	1.72E-48
NM_001163	Dok5 2700055C10Rik - 2 H3 2	0.84877277	7.41E-64
NM_010933	Nppc CNP Ibab - 1 D 1 43.98	0.8481392	1.20E-07
NM_023598	Arid5b 4930580B11 5430435G	0.84714844	3.96E-62
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NM_007569	Btg1 AI426953 AW546738 - 1	0.84479411	8.52E-18
NM_001081	Fat1 2310038E12Rik AU02343	0.8444039	1.59E-55
NR_040311	AI854517 - - 7 D3 7 ncRNA	0.84299928	7.50E-53
NM_018808	Dnajb1 0610007I11Rik HSPF1	0.84223376	4.32E-08
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NM_001113	Sept9 MSF1 Msf PNU TL4 Sint	0.8390195	1.09E-31
NM_019927	Arih1 AU021774 Ari Ari1 Hari	0.83774977	1.32E-61
NM_001081	Lonrf1 - - 8 A4 8 protein-codi	0.83769366	1.86E-40
NM_078477	Klf16 AI843742 BTEB4 DRRF -	0.83759376	2.81E-10
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NM_013812	Cdk2ap1 Apc10 Cdkap1 DORC	0.83473904	5.52E-10
NM_028292	Ppme1 1110069N17Rik 27000	0.83469256	1.24E-42
NR_034051	Snora34 MBI-89 - 15 15 snoR	0.8340736	0.00060334
NM_173370	Cds1 4833409J18Rik AI314024	0.83394433	2.08E-23
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NM_001253	Dnajc12 Jdp1 mJDP1 - 10 B4	0.83364497	1.66E-07
NM_011305	Rxra 9530071D11Rik Nr2b1 R	0.83347899	1.44E-12
NM_001033	Pak6 4732456M09 RP23-204G	0.83324982	1.09E-41
NM_009977	Cst7 Cmap RP23-156P22.1 2	0.83295258	5.45E-10
NR_003966	Atp10d 9830145H18Rik ATPVC	0.83283281	1.42E-24
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NM_177056	Tmem198 A230078I05Rik Tme	0.82613251	1.18E-12
NM_001177	Cyp26b1 CP26 P450RAI-2 - 6	0.82513046	3.11E-10
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NM_133952	Unc45a AW538196 - 7 D3 7 f	0.82289595	3.28E-24
NM_010828	Cited2 AI835299 ER154-like M	0.82109326	7.85E-16

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NM_009459	Ube2h 1500009C23Rik AI1818	0.81990474	4.30E-56
NM_054043	Msi2 1700105C15Rik AI451722	0.81960337	7.59E-61
NM_001025	Kcnj6 BIR1 GIRK2 KATP2 KCNJ	0.81938017	3.22E-52
NM_001163	Evl AI528774 - 12 12 F2 prote	0.81906999	8.31E-60
NM_021424	Pvrl1 AI835281 AW549174 Cd	0.81900857	1.46E-37
NM_130796	Snx18 Snag1 - 13 D2.2 13 prc	0.81724472	2.34E-24
NM_030262	Pofut2 2310011G23Rik AI2568	0.81651109	1.56E-08
NM_011428	Snap25 Bdr SNAP-25 sp RP23	0.8164029	2.34E-58
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NM_177716	AI836003 5630400A08 - 15 F1	0.81547878	4.20E-06
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NM_010108	Efna3 AW494418 EFL-2 Ehk1-l	0.80708098	1.71E-10
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NM_001143	Fam196a B830028B13Rik - 7 F	0.80602753	5.16E-36
NM_001134	Plcx2 AW494639 EG433022 -	0.80447914	1.44E-22
NM_008002	Fgf10 AEY17 BB213776 Fgf-10	0.80431493	6.70E-13
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NM_001081	Mamld1 G630014P10Rik - X A	0.79661458	3.89E-37
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NM_001243	Clcn5 5430408K11Rik CIC-5 Cl	0.79460492	2.97E-40
NM_178066	Tmem198b 1110012D08Rik -	0.79371534	1.21E-06
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NM_177707	Stac3 9830125E18 - 10 D3 10	0.78933954	1.54E-11
NM_019502	Timm10b Fxc1 Tim10b Tim9b	0.78931043	0.00022588
NM_001080	Med13 1110067M05Rik D030C	0.78694276	4.46E-55
NM_001013	Pfdn4 0610025M10Rik 181006	0.78613254	2.82E-12
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NM_145491	Rhoq Arhq TC10A Tc10 - 17 E	0.78600307	1.00E-26
NM_013873	Sult4a1 2400007A17Rik AI853	0.78591674	2.00E-30

NM_011101	Prkca Al875142 Pkca RP23-14	0.7856958	1.10E-57
NM_175171	Mast4 4930420O11Rik Al6424	0.78489801	5.90E-52
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NM_001109	Ttyh1 4930459B04Rik 633040	0.78190528	2.18E-29
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NM_001164	Bend4 D330027G24Rik EG666	0.78121914	2.25E-16
NM_207649	Rcan2 Csp2 Dscr1l1 MCIP2 ZA	0.78014407	5.59E-45
NM_013879	Cabp1 caldendrin - 5 F 5 prot	0.78005852	6.04E-26
NM_033524	Spred1 5730461F13Rik AL024	0.77901534	9.74E-45
NM_198034	Sidt1 AW045928 B830021E24F	0.77871727	4.57E-34
NM_026547	Lurap1 1520402A15Rik Lrp35a	0.77784283	3.75E-05
NM_001110	Crem ICER ICER - 18 18 A pr	0.77753119	2.27E-26
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NM_175352	Unc119b AA407659 Al414892	0.77515261	5.78E-11
NM_153178	Ago2 1110029L17Rik 2310051	0.77450078	1.81E-44
NM_007837	Ddit3 CHOP-10 CHOP10 chop	0.77291047	1.01E-14
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NM_009427	Tob1 Tob Trob RP23-244C22.1	0.77134368	5.30E-20
NM_016673	Cntfr Cntfralpha RP23-167112.	0.77109238	2.88E-22
NM_013463	Gla Ags RP23-26D22.3 X E-F1	0.7697149	3.96E-13
NM_015736	Galnt3 - RP23-306G16.2 2 2 C	0.76953834	3.35E-13
NM_146150	Nrd1 2600011I06Rik Al875733	0.76869703	2.68E-44
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NM_001033	Bsph1 Gm767 - 7 A1 7 protei	0.76584977	0.0009132
NR_045727	B230209E15Rik - 7 C 7 ncRN	0.76349476	1.58E-43
NM_028245	Zfp131 2610109I01Rik AW558	0.76335596	7.44E-31
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NM_029113	4930447A16Rik - 15 B3.1 15	0.76320974	2.35E-13
NM_001136	Rtkn - 6 C3 6 35.94 cM prot	0.76319585	3.37E-18
NM_015787	Hist1h1e H1-4 H1e H1f4 H1s-	0.76135156	2.34E-08
NM_145741	Gdf10 Bmp3b - 14 B 14 20.8 c	0.7610816	1.10E-06
NM_016861	Pdim1 Clim1 mClim1 - 19 19	0.76042354	3.05E-07
NM_007471	App Abeta Abpp Adap Ag Cv	0.76028924	1.04E-54

NM_011994	Abcd2 ABC39 ALDL1 ALDR AL	0.7597242	1.04E-05
NM_001104	Vmn2r19 EG232358 - 6 F2 6	0.75969636	2.18E-05
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NR_015539	9630013A20Rik - - 14 D3 14 r	0.75869627	2.84E-20
NM_183014	Zfp184 4930500C15Rik RP23-3	0.75768287	5.43E-11
NM_029083	Ddit4 5830413E08Rik AA4154	0.75763839	2.52E-07
NM_013666	St8sia5 ST8SiaV Siat8e - 18 E3	0.75746489	3.45E-21
NM_080558	Ssfa2 5730488C15Rik CS-1 CS	0.75722277	2.70E-17
NM_008549	Man2a1 Mana-2 Mana2 Map-	0.7559212	1.16E-34
NM_001047	Pard6a 0710008C04Rik 26100	0.75520541	1.26E-05
NM_026950	Ociad2 1810027I20Rik - 5 5 D	0.75506246	4.42E-13
NR_002848	6430411K18Rik - - 12 F1 12 n	0.75413094	4.11E-10
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NM_008422	Kcnc3 KSHIID Kcr2-3 Kv3.3 -	0.75234112	4.28E-17
NM_027198	Zswim7 2410012H22Rik RP23-	0.75204527	0.00012516
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NM_172608	Tmem184b 2610507A11 4732-	0.75078595	1.04E-31
NM_001168	R3hdm2 1300003K24Rik AU04	0.75063653	8.32E-47
NM_008924	Prkar2a 1110061A24Rik AI317	0.74979229	2.51E-38
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NM_001286	Ppp2r1b 2410091N08Rik AI79	0.74782826	1.58E-29
NM_031872	Tas1r3 Sac T1r3 RP23-242K15.	0.74776984	1.74E-07
NM_178804	Slit2 Drad-1 E030015M03Rik E	0.7474977	4.18E-52
NM_001037	Samd4 1700024G08Rik 17001-	0.74745701	2.00E-41
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NM_183186	Foxn3 5430426H20Rik AA5895	0.74527195	2.75E-48
NM_008737	Nrp1 C530029I03 NP-1 NPN-1	0.74275118	2.37E-49
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NM_001195	Ppfia1 C030014K08Rik C87158	0.74122328	2.23E-36
NM_133815	Lbr AI505894 ic - 1 H5 1 84.8	0.74058148	1.47E-22
NM_001163	Plekhhb1 AI315628 PHR1 Phret	0.74029386	6.30E-14
NM_021462	Mknk2 2010016G11Rik Gprk7	0.74018365	8.99E-10
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NM_009770	Btg3 ANA tob5 - 16 C3.1 16	0.73962441	6.37E-13
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NM_010098	Opn3 ERO Ecpn - 1 1 H3 prot	0.73841288	8.63E-24

NM_175331	Nt5dc3 AU040402 AW540062	0.73653657	2.26E-31
NM_011627	Tpbg 5T4 AW495680 - 9 E3.1	0.73643333	8.80E-05
NM_030192	4930562C15Rik - 16 A1 16 2	0.73601108	2.61E-12
NM_001110	Hist1h2br Gm11277 OTTMUSG	0.73416192	4.37E-10
NM_011200	Ptp4a1 AA415290 AU019864	0.73388165	5.42E-23
NM_080456	Mrps6 AW046321 - 16 C4 16	0.73268967	4.45E-36
NM_175770	Taf7 55kDa Al607308 BB0071	0.73251236	2.09E-07
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NM_024473	BC005537 8030460C05Rik C78	0.73138369	1.51E-28
NM_001003	Osbp18 AA536976 AA536995 C	0.73081552	1.97E-45
NM_001142	Gm10094 ENSMUSG00000061	0.72923724	6.42E-08
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NM_029098	Lmbr1 1110013E13Rik AA415	0.72901312	3.03E-15
NR_045435	2010106C02Rik - 17 17 ncRi	0.72892729	0.00061624
NM_175250	2810007J24Rik - 7 A1 7 proi	0.72791542	0.00021119
NM_001122	Zcchc2 9930114B20Rik AW212	0.72740065	3.98E-27
NM_172286	6430548M08Rik AW049007 Ki	0.72710438	3.50E-28
NM_001190	Ndfip2 0710001O20Rik 28104	0.72551373	7.70E-34
NM_023913	Ern1 9030414B18Rik Al22583C	0.72383818	8.29E-24
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NM_138606	Pim2 DXCch3 Pim-2 RP23-443	0.72312755	3.71E-08
NM_021524	Nampt 1110035O14Rik Al3144	0.72297707	2.43E-23
NM_153775	Ctu2 2310061F22Rik C16orf84	0.72240728	2.81E-06
NM_011081	Piga Al194334 Pig-a RP23-202	0.72203261	0.00094323
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NM_022410	Myh9 Fltn Myhn-1 Myhn1 NM	0.72165291	3.16E-26
NR_045640	Gm20199 - 9 9 32.02 cM nc	0.72096817	1.86E-10
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NM_029947	Prdm8 4930565F05Rik PFM5 -	0.71928521	2.14E-18
NM_176972	Usp37 4932415L06Rik C33000	0.71808173	3.13E-38
NM_001164	Slc25a25 1110030N17Rik MCS	0.71798437	1.49E-25
NM_001166	Arfgap2 2310032E02Rik Zfp28	0.71753845	6.55E-15
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NR_106171	Mir1291 mmu-mir-1291 - nc	0.71666412	0.00079298
NR_073563	Numb Nb - 12 12 D3 protein-	0.71648826	6.86E-34
NM_001177	0610010K14Rik 1110020A23Ril	0.71589023	0.00022351
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NM_026666	Ubn1 1110029L11Rik 2610108	0.71391173	5.17E-28
NM_008900	Pou3f3 Brn-1 Brn1 Otf8 Skin1	0.71357464	1.42E-11

NM_028351	Rspo3 2810459H04Rik AW742	0.71351634	3.49E-23
NM_207221	Jmjd1c 5430433L24Rik D63003	0.7126737	2.37E-46
NR_045373	8430422H06Rik - - 18 18 ncR	0.71233695	2.72E-06
NM_001024	Bod1 2310022M17Rik BOD2.1	0.71215356	1.91E-08
NM_011809	Ets2 AU022856 Ets-2 - 16 C3-1	0.71154201	3.32E-19
NM_001145	Dlgap2 6430596N04Rik DAP2	0.71042236	6.57E-49
NM_022314	Tpm3 Tm5NM Tpm-5 Tpm5 T	0.71021148	1.55E-31
NM_021284	Kras A1929937 K-ras Ki-ras Kra	0.70880207	3.79E-33
NM_008828	Pgk1 Pgk-1 - X C-D X 47.36 cM	0.70860039	1.23E-13
NR_045668	Gm5124 EG331392 RP23-171J	0.70855587	1.53E-10
NM_001081	Gli2 AW546128 - 1 E2-E4 1 52	0.70828657	1.30E-11
NM_011030	P4ha1 AL022634 P4ha - 10 B4	0.70586195	5.18E-26
NM_027150	Mlip 2310046A06Rik A1931782	0.70402162	9.51E-40
NM_011786	Aloxe3 e-LOX-3 eLOX-3 RP23-1	0.70341844	2.23E-07
NM_133778	Fam131a 2900046G09Rik - 16	0.70322118	1.89E-14
NM_008973	Ptn HARP HB-GAM HBBN HBC	0.70149779	2.36E-34
NM_001142	Lmo2 Rbtn-2 Rbtn2 Rhom-2 T	0.70111362	0.00028078
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NM_001033	Pls1 A1427122 - 9 E3.3 9 prot	0.70049294	7.45E-15
NM_198037	Cachd1 1190007F10Rik A18527	0.69982765	4.66E-29
NM_001081	Chd2 2810013C04Rik 2810040	0.6998088	3.03E-45
NM_025327	Krtcap2 0610010I12Rik Kcp2 -	0.69973825	6.91E-05
NM_080795	Lnx2 9630046H24 AW209022	0.69925311	9.57E-17
NM_173404	Bmp3 9130206H07 9530029I0	0.69908209	2.44E-13
NM_023852	Rab3c 2700062I01Rik 3110015	0.69900955	1.84E-45
NM_181072	Myo1e 2310020N23Rik 91300	0.69845421	7.57E-14
NM_018745	Azin1 1700085L02Rik A141494	0.69751097	4.70E-29
NM_054087	Slc19a2 AV276020 AW322295	0.6966613	7.21E-07
NM_001030	Spry3 Gm1409 Gm391 sprout	0.69555003	0.0004848
NM_172730	Ccdc174 C130022K22Rik - 6 D	0.69527671	1.03E-15
NM_008163	Grb2 AA408164 Ash RP23-28I	0.69485988	7.36E-34
NM_028303	Pdzd11 1810012H22Rik 23100	0.69395724	0.00028986
NM_153171	Rgs13 - AL713991.1 1 F 1 62.5	0.6928156	8.13E-07
NR_015595	Srrm4os 2410137F16Rik - 5 F	0.69206612	5.24E-32
NM_010655	Kpna2 2410044B12Rik IPOA1	0.69175193	1.63E-08
NM_001033	Pnrc1 5730463C12Rik B4-2 PR	0.69137851	4.61E-07
NM_007699	Chrm4 Chrm-4 M4 RP23-273F	0.69085379	1.15E-05
NM_019937	Ccnl1 2610030E23Rik AU0184	0.6908112	3.92E-23
NM_001163	Nhs1 1110062M06Rik 643051	0.6907286	1.07E-22
NM_011057	Pdgfb PDGF-B Sis - 15 E 15 37	0.69054116	2.90E-08
NM_001164	Fbxl16 BC042620 Scirr1 - 17 A	0.68741346	8.35E-25
NM_008850	Pitpna Pitpn vb vibrator RP23	0.68740154	3.63E-36

NM_177597	March11 9630025C22 - 15 B1	0.68714569	1.27E-26
NM_008680	Enah Mena NDPP-1 Ndpp1 W	0.68710999	2.17E-44
NM_018831	Dclre1a 2810043H12Rik AU02	0.68695894	1.66E-07
NM_080843	Socs4 3110032M18Rik A7300C	0.68680359	5.52E-08
NM_133838	Ehd4 2210022F10Rik AI19739C	0.68626503	1.04E-09
NM_024286	Popdc3 AA682104 Pop3 - 10 I	0.68608241	1.30E-05
NM_010598	Kcnab2 F5 I2rf5 Kcnb3 kv-bet	0.68565553	3.23E-23
NM_001024	Adamts15 - - 9 A4 9 protein-c	0.68557473	8.75E-11
NM_020266	Dnajb2 2700059H22Rik Dnajb1	0.68513611	6.02E-12
NM_021506	Sh3rf1 2200003J05Rik Posh R	0.68512281	3.73E-37
NM_080853	Slc17a6 2900073D12Rik DNPI	0.68491441	3.07E-17
NM_001190	Dbf4 AA545217 Ask - 5 5 A2	0.68452731	2.68E-06
NM_009046	Relb shep - 7 A3 7 9.93 cM pi	0.68251898	5.62E-09
NM_001093	Ptchd1 9630036J22Rik AI8481	0.68163619	6.56E-30
NM_024414	Stx1b Stx1b2 Stx1b Syn1b - 7	0.68161798	6.62E-16
NM_016979	Prkx PKX1 Pkare RP23-91C19	0.68113271	2.42E-18
NM_080433	Fezf2 AI451466 AI852056 Fez	0.68063727	3.95E-14
NM_009229	Sntb2 Snt2 - 8 D3 8 53.38 cM	0.67993953	2.29E-24
NM_183138	Tet3 B430006D22Rik BC03743	0.67988676	1.63E-36
NM_145942	Hmgcs1 B130032C06Rik - 13	0.67977284	4.82E-39
NR_104355	Chchd7 1810049H20Rik RP23-	0.6796734	2.20E-07
NM_001286	Trim9 - - 12 C3 12 protein-co	0.67862682	4.18E-39
NM_001199	Rabgef1 Rab5ef Rabex5 Rin2	0.67749847	5.85E-24
NM_008808	Pdgfa - - 5 G2 5 77.65 cM prc	0.67642998	2.98E-12
NM_178890	Abtb2 AW539457 RP23-338B2	0.67630369	1.20E-16
NM_010319	Gng7 AI840417 - 10 C1 10 39.	0.67553145	6.69E-25
NM_001081	Tsc22d2 1810043J12Rik 55304	0.67458607	4.50E-33
NM_177631	BC048502 - - 15 F3 15 proteii	0.67410721	1.33E-06
NM_001081	Dgkh 5930402B05Rik D130015	0.67351991	3.00E-38
NR_045614	4930413G21Rik - - 7 F3 7 ncF	0.67309735	1.01E-05
NM_011607	Tnc AI528729 C130033P17Rik	0.67282031	2.72E-12
NM_029742	Klhdc10 2410127E18Rik AI593	0.6727622	3.51E-37
NM_001159	Magi3 4732496O19Rik 653040	0.67187923	2.44E-41
NM_008162	Gpx4 GPx-4 GSHPx-4 PHGPx r	0.67182588	2.46E-06
NM_177941	Ece2 1810009K13Rik 6330509	0.67141486	2.08E-24
NM_177376	Myo3b A430065P19Rik RP23-3	0.67122536	1.17E-22
NM_145505	Fam160b1 AI450540 mKIAA16	0.670495	1.06E-20
NM_133819	Ppp1r15b 1810033K10Rik AI6C	0.67004918	3.12E-13
NM_178621	Phyhip1 4921522K17Rik AI267C	0.66917574	5.10E-27
NM_001113	Dad1 AI323713 RP23-6A14.1 1	0.66845031	6.67E-11
NM_001077	Slc1a2 1700091C19Rik 290001	0.6669482	1.10E-34
NM_028792	Josd1 1300006C06Rik mKIAA0	0.66647012	2.77E-13

NM_001142	Gm20604 AK010878-Moap1 -	0.66612223	1.33E-18
NM_199149	Ppp1r37 Gm158 Lrrc68 - 7 A3	0.66553408	2.86E-19
NM_172963	Soga2 1110012J17Rik Ccdc165	0.66503178	4.90E-30
NM_023668	Ndel1 2600006O07Rik MITAP1	0.66454069	1.02E-23
NM_015744	Enpp2 ATX Npps2 PD-lalpha F	0.66369234	5.11E-07
NM_001242	Grin1os E130003G02Rik - 2 2	0.66223813	3.58E-18
NM_009119	Sap18 C530046K05Rik D11Ertc	0.66220841	1.50E-10
NM_172513	Fam126b C130065N10Rik D1Ei	0.66208085	5.36E-31
NM_173410	Gpr26 9630036A11Rik A73002	0.66115371	2.63E-24
NM_001142	AK010878 - - 12 12 protein-c	0.66055311	3.02E-05
NM_009551	Zfand5 2310057A04Rik 583047	0.6595525	3.72E-29
NM_001163	Pgap1 5033403E17Rik 903022	0.65932685	2.50E-36
NM_183150	BC003965 Ccsmt1 - 17 A3.3	0.65906771	0.00011551
NM_007870	Dnase1l3 DNasegamma Dhp2	0.65903874	0.0007931
NM_175021	Samd4b BC042901 - 7 A3 7 p	0.6555756	2.99E-23
NM_019824	Arpc3 1110006A04Rik 21kDa	0.65423281	2.12E-13
NM_029841	2510039O18Rik Kiaa2013 RP2	0.65365691	1.17E-07
NM_023423	Akirin1 6330407G11Rik RP23-2	0.65342515	6.80E-15
NM_019472	Myo10 AW048724 D15Erttd60	0.65316096	9.62E-19
NR_033624	5031434O11Rik AI481280 Gm	0.65251192	1.45E-08
NM_009744	Bcl6 Bcl5 - 16 B1 16 15.26 cM	0.65218919	5.86E-12
NR_002854	Dlx1as Dlx1os - 2 C2 2 42.58 c	0.65090855	3.87E-14
NM_001081	Klhl14 6330403N15Rik AI7852	0.64984783	9.48E-11
NM_028900	Gcc1 4932417P04Rik - 6 6 A3	0.64855733	0.00081473
NM_001017	Kdm6b 1700064E03Rik BC038	0.64817633	4.38E-21
NM_001161	Grhl1 LBP-32 MGR Tcfcp2l2 -	0.64690281	6.32E-06
NM_145852	Ropn1 ASP AV047578 Akapas	0.6461267	4.54E-06
NM_184109	Rtl1 6430411K18Rik Mar Mart	0.64588365	7.52E-17
NM_146200	Eif3c 110kDa 3230401O13Rik	0.64569823	6.34E-22
NR_040651	1700125G02Rik - - 4 4 ncRNA	0.64564136	6.13E-05
NM_008956	Ptbp1 AA407203 AL033359 HI	0.64491402	1.90E-12
NM_011424	Ncor2 N-CoR SMRT SMRte -	0.64489074	2.82E-31
NM_009722	Atp2a2 9530097L16Rik D5Wsu	0.64381471	5.34E-36
NM_001285	Sgip1 3110007P09Rik SGIP1alp	0.64360307	2.68E-39
NM_146069	Nrros E430025L02Rik Lrcc33 L	0.64288238	0.0002669
NM_177343	Camk1d A630059D12Rik CKLiK	0.64264468	7.47E-37
NM_139153	Agap3 AGAP-3 AV028425 Cen	0.64227143	4.90E-27
NM_023211	Usmg5 2010301L15Rik - 19 1	0.64224325	4.49E-10
NM_022331	Herpud1 Herp Mifl SUP - 8 C	0.6408416	2.22E-08
NM_018779	Pde3a A930022O17Rik C8789	0.640411	1.26E-20
NM_013500	Hapln1 BB099155 CLP Crtl1 C	0.64038162	5.37E-14
NM_008562	Mcl1 AW556805 Mcl-1 - 3 F2	0.63890069	1.05E-11

NM_133774	Stard4 4632419C16Rik 903021	0.63883878	3.06E-14
NM_133915	Pxn AW108311 AW123232 Pa	0.63752588	9.93E-12
NM_028207	Dusp3 2210015O03Rik 503143	0.63743728	4.33E-13
NM_027870	Armcx3 1200004E24Rik AI450	0.63646313	2.06E-09
NM_207277	Msantd1 A930005I04Rik Gm14	0.63627351	0.00065063
NM_024287	Rab6a 2610028L11Rik AA4196	0.63610823	1.87E-29
NM_029440	Wdr95 4930434E21Rik - 5 G3	0.63466621	1.92E-09
NM_001081	Sc1t1 2610207F23Rik 4931421f	0.63345905	2.02E-28
NM_011385	Ski 2310012I02Rik 2610001A1	0.63298862	5.51E-33
NM_175091	Tnks 4930554K12Rik AI662855	0.63266836	7.12E-33
NM_020010	Cyp51 AI426508 CYPLI Cyp51a	0.63238295	3.14E-28
NM_020259	Hhip Hhip1 - 8 C3 8 37.95 cM	0.63231854	0.00015765
NM_178740	Slitrk4 6430513G13 D930039I	0.63202281	1.30E-14
NM_001164	Coro2a 9030208C03Rik AI5635	0.63096296	1.56E-23
NM_001005	Zfp69 Gm1029 Krab2 Zfp63 R	0.63041792	0.0002072
NM_172714	Lin54 4832414L08 AI461788 n	0.629353	4.43E-16
NM_001081	Ankrd44 4930444A19Rik A130	0.62919934	1.10E-34
NM_133840	Clp1 AI462438 Heab RP23-39	0.62874548	0.0008928
NM_001142	Slc6a8 AA589632 CRT CRTR C	0.62844801	5.06E-11
NM_023320	Plekho1 2810052M02Rik CKIP-	0.62808259	8.04E-08
NM_172812	Htr2a E030013E04 Htr-2 Htr2	0.62742823	1.45E-10
NM_001033	Garem C86169 Fam59a Gm94	0.62741209	9.33E-31
NM_025804	Tcf25 1100001J13Rik 1810041	0.62707526	4.35E-27
NM_010439	Hmgb1 DEF HMG-1 Hmg1 SBI	0.62656609	1.63E-09
NM_153142	Slc35e4 A330108F03Rik AI414	0.62561944	1.18E-05
NM_026929	Chac1 1810008K03Rik RP23-4	0.62557853	0.0005145
NM_144551	Trib2 AW319517 TRB-2 TRB2	0.62482136	2.72E-12
NM_001001	Tpm4 2610528G24Rik - 8 B3.3	0.62475181	5.98E-11
NM_001159	Ppm1b PP2CB - 17 E4-E5 17 5	0.62437872	1.01E-25
NM_028023	Cdca4 2410018C03Rik HEPP S	0.62425147	1.78E-06
NM_028705	Herc3 5730409F18Rik AI64660	0.62403432	4.92E-28
NM_008084	Gapdh Gapd - 6 F2 6 59.32 cN	0.62335438	1.21E-06
NM_001165	Fndc7 E230011A21Rik RP23-3	0.62316161	0.00079651
NM_176860	Ubash3b 2810457I06Rik BB12	0.62296797	3.00E-27
NM_030689	Nptxr 1200009K17Rik 170003	0.62268742	1.20E-21
NM_175334	Maml1 AI644666 AW743257 I	0.62196959	2.23E-16
NM_033144	Sept8 AW046166 Sep1 mKIAA	0.62186093	1.93E-13
NM_009484	Uty Hydb mKIAA4057 - Y A1	0.6215141	1.87E-25
NM_053080	Aldh1a3 ALDH6 RALDH3 V1 -	0.62112766	9.02E-05
NM_183038	Defb39 BD-39 - 8 A1.3 8 prot	0.62091242	0.00023559
NM_009623	Adcy8 AC8 AW060868 - 15 D	0.62065214	3.55E-33
NM_080575	Acss1 1110032O15Rik AI78897	0.6206088	6.74E-16

NM_172637	Hectd2 4921524L07 A630025C	0.62040451	2.50E-24
NM_198292	Tex2 4930568E07Rik AI553404	0.61957701	5.88E-25
NM_008102	Gch1 GTP-CH GTPCH Gch - 14	0.61950047	0.00021794
NM_010195	Lgr5 FEX Gpr49 - 10 D2 10 pi	0.61941522	3.54E-15
NM_001114	Fnbp1 2610318I01Rik AW548	0.61924304	2.69E-35
NM_015781	Nap1l1 AA407126 AI256722 D	0.61884	7.84E-25
NM_001286	Jund Jund1 - 8 C2 8 34.15 cM	0.61881352	1.72E-10
NM_007479	Arf4 AA407803 - 14 A3 14 16.	0.61817375	3.66E-21
NM_133777	Ube2s 0910001J09Rik 672046	0.61804799	7.78E-05
NM_001163	Stx11 5830405C08Rik - 10 A1	0.61766854	0.00037686
NM_001256	Epha10 A330090H18 RP23-16	0.61766512	1.38E-22
NR_033548	D030047H15Rik Gm15924 OT	0.61729673	1.95E-15
NM_016749	Mybph AI385643 MyBP-H - 1	0.617198	3.92E-08
NM_053124	Smarca5 4933427E24Rik D030	0.61681186	3.39E-22
NM_009466	Ugdh Udpgdh - 5 C3.1 5 33.67	0.61578286	5.27E-15
NM_008937	Prox1 A230003G05Rik - 1 H6	0.61561111	3.90E-09
NM_016748	Ctps Ctps1 RP23-106K5.3 4 D2	0.61504821	1.30E-15
NM_001287	Atf4 Atf-4 C/ATF CREB2 TAXR	0.6143307	8.90E-13
NM_010813	Mnt Rox bHLHd3 RP23-174M1	0.61420628	9.25E-14
NM_177628	Fam167a A030013D21 - 14 D1	0.61320543	3.02E-06
NM_008618	Mdh1 B230377B03Rik D17921	0.61312705	2.02E-16
NM_133220	Sgk3 2510015P22Rik A330005	0.6130871	1.54E-21
NM_177282	Mical2 5330438E18Rik 953006	0.61253132	2.34E-30
NM_007594	Calu 9530075H20Rik - 6 A3.3	0.6123444	3.15E-17
NM_019717	Atl2 2010110I21Rik AA407293	0.61230185	4.74E-23
NR_045441	4930558G05Rik - X X ncRNA	0.61103263	3.97E-05
NM_153541	Zbtb8b AV220464 BC023839 E	0.61065169	0.00044263
NM_133665	Mef2d C80750 - 3 F1 3 38.78	0.61005386	1.12E-19
NM_024188	Oxct1 2610008O03Rik Oxct O	0.60992477	4.04E-31
NM_009216	Sstr1 SRIF-2 SS-1-R SS1-R SS1	0.60926859	8.48E-06
NM_138756	Slc25a36 C330005L02Rik - 9 E	0.60858053	1.07E-21
NM_018869	Grk5 Gprk5 - 19 D3 19 56.52	0.60851744	6.21E-22
NM_001286	Fam65b - RP23-461O24.1 13	0.60851257	2.04E-28
NM_019769	Chp1 1500003O03Rik AA9600	0.60842379	5.96E-18
NM_177075	Fndc9 C030019I05Rik RP23-37	0.60836698	2.78E-07
NM_172734	Stk38l 4930473A22Rik B23032	0.60694288	2.99E-13
NM_019930	Ranbp9 IBAP-1 Ibap1 RanBPM	0.60691265	1.18E-28
NM_019676	Plcd1 AW212592 C79986 - 9 f	0.60689585	6.08E-05
NM_001025	Lrig2 4632419I10Rik BB09693	0.6063249	4.48E-27
NM_001170	Trim66 Kiaa0298-hp Tif1d - 7	0.60618686	2.11E-10
NM_001005	Ypel4 - RP23-399J8.2 2 D 2 pi	0.60575443	1.41E-05
NM_001079	Srsf5 Sfrs5 - 12 12 D2 protein	0.60571863	5.12E-15

NM_175423	Orai1 D730049H07Rik Tmem1	0.60566489	3.63E-06
NM_145123	Crtac1 2810454P21Rik AW047	0.60475484	9.68E-24
NM_177089	Tacc1 4833447E04Rik AA9602	0.6045168	1.19E-20
NM_027323	Srrd 2810002G02Rik Srr1 - 5	0.60432588	1.75E-05
NM_009951	Igf2bp1 AL024068 AW549074	0.60414913	3.02E-06
NM_010415	Hbegf AW047313 Dtr Dts Heg	0.60365552	0.00018994
NM_021395	Hyou1 AI415631 CBP-140 Cab	0.60289076	1.76E-11
NM_009834	Ccrn4 AU043840 Ccr4 noctur	0.60268722	8.98E-17
NM_175937	Cpeb2 A630055H10Rik Cpe-bp	0.60240362	1.69E-28
NM_001039	Rbms2 2610315E04Rik Scr3 -	0.60194993	7.76E-10
NM_138660	Casc3 Btz Mln51 RP23-395E1	0.60182025	9.60E-21
NM_001038	Adar AV242451 Adar1 mZaAD	0.60147476	1.72E-25
NM_008285	Hrh1 Bphs H1R HH1R Hir - 6	0.60128191	6.33E-11
NM_198962	Hctr2 OX2R mOX2aR mOX2bl	0.60123655	3.69E-23
NM_008449	Kif5c KINN Khc NKHC NKHC2	0.6012031	1.29E-33
NM_139294	Braf 9930012E13Rik AA12055	0.60045669	2.06E-31
NM_144944	Prokr2 B830005M06Rik EG-VE	0.60002344	1.81E-08
NM_052994	Spock2 AA407235 Gcap26 mK	0.59993365	9.23E-23
NM_010140	Epha3 AW492086 Cek4 ETK1	0.59980919	2.24E-33
NM_175260	Myh10 5730504C04Rik 93301	0.5998009	9.23E-32
NM_009194	Slc12a2 9330166H04Rik Nkcc1	0.59898653	1.75E-25
NM_010072	Dpm1 AI118379 AI194292 RP	0.5988584	6.44E-15
NM_007726	Cnr1 CB-R CB1 CB1R RP24-4	0.59876344	1.68E-25
NM_173764	Tapt1 4932414K18Rik - 5 B3	0.59813385	1.01E-21
NM_177876	Vps37b 2300007F24Rik AI415	0.59803402	4.85E-14
NM_013490	Chka CK CK/EK-alpha Chetk-al	0.59798453	3.94E-25
NM_033565	Aff4 AF5Q31 Alf4 Laf4 MCEF	0.59717485	5.35E-31
NM_152915	Dner A930026D19Rik BET Bre	0.59657188	4.68E-34
NM_007641	Ms4a1 AA960661 Cd20 Ly-44	0.59594308	0.00016415
NM_027782	Kctd6 5430433B02Rik AU0442	0.59539695	2.14E-06
NM_010251	Gabra4 Gabra-4 - 5 C3.2 5 pr	0.59522501	4.45E-24
NM_001145	Adtrp 9530008L14Rik - 13 A4	0.59497402	9.99E-05
NM_172429	Smndc1 2410004J23Rik 49334	0.59440447	2.10E-09
NM_001174	Map3k9 E130314H24Rik Mlk1	0.5943608	5.40E-25
NM_001029	Unc13a 2410078G03Rik Munc	0.59316582	7.94E-29
NM_011240	Ranbp2 A430087B05Rik AI256	0.59311192	3.27E-25
NM_019675	Stmn4 Lag R75359 RB3 - 14	0.59293501	6.73E-21
NM_001098	Tox2 AI851523 AV026525 BI9	0.59271536	4.82E-15
NM_008214	Hars MMHRS - 18 B2 18 prot	0.59250586	7.88E-14
NM_144857	Rrp36 - - 17 C 17 protein-cod	0.59237664	7.07E-06
NM_001190	Dact1 4921528D17Rik AI1156	0.59084324	7.02E-07
NR_026888	4930488L21Rik 4930452J22Rik	0.590822	2.41E-06

NM_019409	Omg - RP23-271B20.3 11 B5 1	0.58969992	8.31E-09
NM_001163	Lym5 4930469P12Rik AL0228	0.58964577	1.54E-08
NM_183144	Inpp5a - - 7 F4 7 protein-codi	0.58964568	1.56E-21
NM_027373	Afap1 2600003E23Rik 963004	0.58962009	3.05E-27
NM_009412	Tpd52 AI043038 md52 - 3 3	0.58913574	1.10E-18
NM_012058	Srp9 9kDa - 1 H5 1 protein-cc	0.58899305	2.66E-05
NM_011241	Rangap1 C79654 Fug1 mKIAA:	0.58887237	2.00E-18
NM_207176	Tes D6Ertd352e TESS Tes1 Te	0.58876059	4.69E-15
NM_144945	Lgi2 mKIAA1916 - 5 C1 5 prot	0.58863869	2.93E-14
NM_172821	Map3k13 C130026N12Rik LZK	0.58821475	1.12E-13
NM_172947	Lsm12 1110032E16Rik 111005	0.58660608	4.66E-14
NM_022323	Moap1 AA987038 Map-1 Pnm	0.58629703	1.14E-06
NM_011020	Hspa4l 94kDa AI461691 APG-1	0.5855638	4.69E-15
NM_134002	Csnk1g2 2810429I12Rik AI463:	0.58292739	9.01E-11
NM_181988	Rerg - - 6 G1 6 protein-codin	0.58170478	5.92E-16
NM_009637	Aebp2 AU023766 B230313N05	0.58112693	5.95E-20
NM_021366	Klf13 0610043C13Rik 9430029	0.58071235	1.91E-23
NM_001093	Myadm D7Wsu62e - 7 A1 7 1.	0.58002519	2.19E-09
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NM_001168	Tyw3 5230400J09Rik - 3 H4 3	-0.5887837	4.97E-05
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NM_001081: Tmem28 EG620592 Fam155b	-0.7600682	2.79E-05
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NM_007582 Cacng1 - RP23-338K8.4 11 E1	-0.7672367	0.00077529
NM_016719 Grb14 Al505286 RP23-308K19.	-0.769579	5.83E-27
NR_040375 B130034C11Rik - - 16 C3.3 16	-0.771442	0.00017907
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NM_001013: Lipo1 Al747699 - 19 C1 19 pr	-0.7729091	6.75E-05
NM_009523 Wnt4 Wnt-4 RP23-246F18.1 4	-0.7735407	7.80E-05
NM_027212 Med30 1810038N03Rik 25100.	-0.7758063	8.90E-05
NM_026038 L3hypdh 2810055F11Rik RP23-	-0.7762096	2.40E-06
NM_001042: Mterf1b ENSMUSG0000005317	-0.7773367	5.59E-05
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NM_001159: Itgb6 2210409C20Rik 4831415	-0.7914645	0.00051668
NM_030189 Stpg1 4930403G18Rik 493055!	-0.7948681	0.0009132
NM_027760 Rassf8 5133400D11Rik AA8158	-0.7967874	8.49E-05
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NM_001134: Gm16532 - - 7 A1 7 protein-c	-0.7973246	0.00023901
NM_001165: Trim45 4921530N01Rik DN-35	-0.7980559	2.34E-07
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NM_133711 Spata4 1700001N01Rik Srg2 T	-0.799436	9.72E-05
NM_153137 Traf3ip3 6030423D04Rik Al115	-0.8010169	0.00011204
NM_001145: 6430550D23Rik RP23-220D12.:	-0.8027718	0.00048476
NM_001199: Zfp94 - - 7 A3 7 10.27 cM pro	-0.8037681	6.27E-09
NM_177882 Zfp786 A730012O14Rik Znf786	-0.805619	6.12E-10
NM_001252: Mett120 4833442J19Rik Al256:	-0.8101042	1.19E-11
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NM_207245 Zfp870 Al173952 - - 17 B1 17 p	-0.8160362	3.12E-07
NM_175241 1700028K03Rik - - 5 E5 5 pro	-0.8220368	6.71E-12
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NM_001167: Gm4952 EG240549 - - 19 A 19	-0.8435261	5.99E-05

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NM_001177: Dcdc2c 1110015M06Rik - 12 A	-0.8525163	4.85E-09
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NM_001102: Gm10096 ENSMUSG00000061:	-0.8858373	1.60E-06
NM_001109: Gm10486 ENSMUSG00000073:	-0.8858373	1.60E-06
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NR_027892 5430402O13Rik 3110047M22R	-0.9152019	4.62E-18

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NR_036590	1700001K23Rik - - 19 D2 19 r	-0.9946811	8.66E-08
NM_001252	Zfp82 A030010D05 Krab16 M:	-0.9955709	1.70E-16
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NM_198302	Rbm11 A330018F01 - - 16 C3.1	-1.0572674	2.81E-05
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NM_198630	1810024B03Rik - - 2 F1 2 pro	-1.0595995	1.56E-10
NM_012034	Tpsg1 Prss31 Tmt - - 17 A3.3 1	-1.0647626	3.77E-05
NM_029909	C330018D20Rik AU018666 - - 1	-1.0650928	6.33E-11
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NM_021429	Hs1bp3 - - 12 A1.1 12 proteir	-1.0760989	2.29E-19
NM_146189	Mybpc2 - - 7 B4 7 protein-coi	-1.0894926	1.93E-06
NM_027564	4921507P07Rik TISP74 - - 6 B	-1.1287714	9.70E-16
NM_053169	Trim16 9130006M08Rik AI482	-1.1355057	7.69E-05
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NM_001200	(Pifo 1700027A23Rik mCG_500	-1.2708839	1.29E-06
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NM_021887	Il21r NILR - 7 7 F4 protein-co	-1.3639591	0.00097935
NM_007860	Dio1 5DI D1 ITDI1 TXDI1 - 4	-1.3667319	0.00011588
NM_021285	Myl1 AI325107 MLC1f MLC3f	-1.3726456	0.00044526
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NM_027852	Rarres2 0610007L05Rik AI303	-1.4161186	6.01E-05
NM_027132	Otop3 2310011E08Rik RP23-1:	-1.4201943	0.00081707
NM_001162	Mpst Mst - 15 E2 15 protein-	-1.443283	9.34E-06
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NR_045472	1810007C17Rik - - 12 12 ncRl	-1.5599184	2.91E-05
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NM_013751	Hrasls 2810012B06Rik A-C1 HI	-1.6204864	3.69E-05
NM_001039	Kcnj10 BIR10 BIRK-1 Kir1.2 Kii	-1.6379343	0.00012118
NM_007389	Chrna1 AI385656 AI608266 Ac	-1.7796804	1.79E-06
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NM_001195	(3425401B19Rik - - 14 B 14 pr	-3.9791785	0.00041419