

Supplementary Table 1 Genes up- and down- regulated in RMS (>1.5 fold and P-value < 0.001)

2851 genes up-regulated in rhabdomyosarcoma (>1.5 fold and P-value < 0.001)			
Accession #	Sequence Name(s)	P-value	Fold Change
AV168216	Zzz3,R75514,AA408566,AW556059,3110065C23Rik	1.88E-07	2.43009
BB379602	Zzef1,C85424,BC051585,MGC107545,mKIAA0399,	0.00009	2.30216
BB759260	Zyx,R75157,9530098H06Rik	3.93E-07	6.8602
BC013559	Zwint,Zwint-1,D10ErtD749e,2010007E07Rik,2600001N01Rik	4.02E-06	4.33115
BB420529	Zswim6,mKIAA1577,2900036G02Rik	1.28E-43	5.81057
BG072903	Zranb1,Gm1956,Trabid,D7Wsu87e,9330160G10Rik	0.00095	1.60955
NM_011769	Zim1	0.00009	3.83185
BB361162	Zic1,ZIC,ZNF201	1.83E-25	14.45411
NM_011764	Zfp90,NK10,Zfp64,Zfp83,KRAB17,mKIAA1954,6430515L01Rik	4.88E-07	3.30762
BM230481	Zfp82,mszf3,KRAB16,A030010D05	4.62E-10	3.57192
BC021921	Zfp709,HIT-40,BC021921,MGC28841	0.00019	1.85074
BB040500	Zfp647,Es492,6030449J21	7.06E-07	2.21975
NM_009564	Zfp64	0.00085	2.48661
AW548399	Zfp617,Zfps11-6	0.00091	2.17308
AV274175	Zfp608,MGC116601,4932417D18Rik	5.52E-07	2.78491
BE985246	Zfp59,Mfg2,Mfg-2	4.62E-06	1.6049
BM207314	Zfp568,C80731,Gm1691	0	4.817
BB150458	Zfp537,Tsh3,KIAA1474,mKIAA1474,A630038G13Rik	1.11E-09	4.39825
NM_013843	Zfp53,KRAZ1,zfas8,Zfp-53,Zfp118,D030067O06Rik	8.89E-06	2.04926
BM225280	Zfp52,Zfp76,KRAB11,Zfp-52,mszf24,mszf34,zfec29,mszf23-2	1.01E-07	2.90437
BG064695	Zfp482,ZID,ZBTB6,MGC41441,A830092L04Rik	0.0009	1.52711
BC023090	Zfp472,Krim1,KRIM-1,Krim-1A,Krim-1B	0.00018	1.82524
BB421061	Zfp451,COASTER,AI596398,	1.28E-06	3.17744
AK012846	Zfp444,FLJ00134,mFLJ00134,2810031J10Rik,6230401O10Rik	3.83E-07	2.73545
BM227942	Zfp422-rs1,AI842447,Krox-25-2,A430003O12Rik,C430039G02Rik	0.00076	1.80164
AW547438	Zfp407,Gm333,Gm334,Gm948,ZNF407,6430585N13Rik	4.33E-07	2.63122
NM_009554	Zfp37,Tzn,Zfp-37,AV042165	3.33E-07	3.48645
M58566	Zfp3611,Brf1,ERF1,cMG1,Berg36,TIS11b,	2.95E-10	2.1344
BQ176698	Zfp369,NRIF2,B930030B22Rik,D230020H11Rik	7.51E-07	1.95403
AK014562	Zfp329,ZNF329,2810439M05Rik,4632409L22Rik	0.0001	2.37418
NM_018759	Zfp326,ZAN75,5730470H14Rik	0.00052	1.61594
BG075830	Zfp322a,RP23-9O13.9,9630054P07Rik	4.99E-12	1.53642
NM_013889	Zfp292,Zn-15,Zn-16	0.00032	1.64396
BE651907	Zfp286,BC027023,MGC39058,RP23-59B16.5	0.00003	5.01023
L36316	Zfp260,Ozrf1,Zfp63,AI480997	0.00073	1.80779
AV346442	Zfp26,Zfp70,mkr-3,KRAB15,Zfp-26,mszf14,mszf52	3.62E-16	1.70624
X98096	Zfp148,BERF-1,BFCOL1,ZBP-89,AI480666,AW045217	2.69E-08	1.8039
BB154236	Zfp142,BB154236,mKIAA0236,9330177B18Rik	1.37E-06	2.5965
AV263718	Zfp110,NRIF,Nrif1,N28112,2900024E01Rik	0.00082	1.53557
NM_009544	Zfp105,AW557864	1.22E-09	2.9553
NM_015753	Zfhx1b,SIP1,Zfx1b,Zfxh1b,mKIAA0569,9130203F04Rik	3.76E-20	3.88171
AV363000	Zfhx1a,BZP,ZEB,MEB1,Nil2,Tcf8,AREB6,Tcf18,Zfhcp,	4.15E-08	2.86147
NM_133349	Zfand2a,Airap,AA407930,AU016206	5.35E-08	2.97538
BB271151	Zdhhc24,Leng4,5730496N17Rik	0.00036	2.24875
BC019536	Zdhhc20,AI448102,5033406L14Rik,B230110O18Rik	2.16E-16	4.27936
AV361868	Zdhhc14,New1cp,MGC29194,B530001K09Rik	0.00012	2.25267
AK010382	Zdhhc13,HIP3RP,Hip14I,C530010M18,2410004E01Rik	1.44E-07	2.09971
AV140894	Zcchc3,2810406K24Rik	0.00087	2.45231
BB223737	Zcchc14,BDG29,AA792890,KIAA0579	3.32E-08	5.64842
AW556219	Zc3h7a,Zc3h7,HSPC055,Zc3hdc7,AI447294,AW556219,	0.00024	1.7232
BG922355	Zbtb36,B230208J24Rik	4.78E-18	7.6601
AV027921	Ywhaz,AI596267,AL022924,AU020854,1110013I11Rik	9.65E-06	3.67075
AV024540	Ywhaq,R74690,AA409740,AU021156,MGC118161	0.00035	1.97938
NM_018753	Ywhab,14-3-3 beta,1300003C17Rik	0.00013	2.04605
BC009080	Yipf1,C030002N13Rik	3.05E-06	1.9655
BG070675	Yap1,Yap,65kDa,YAP65,AI325207	0.00001	6.01672
NM_011917	Xrn2	4.91E-09	2.12406
BG064541	Xpo4,mKIAA1721,B430309A01Rik	0.00082	1.57655
BC005560	Xlr	0.00014	2.56382
AV051768	Xbp1,TREB5,XBP-1,TREB-5,D11ErtD39e	5.24E-11	1.82847
BC014727	Wwtr1,TAZ,C78399,2310058J06Rik,2610021I22Rik	7.93E-06	2.88043
AK004087	Wwp2,AIP2,AA690238,AW554328,1300010O06Rik	0.00018	5.91992

BE136550	Wtip	3.30E-18	3.38288
BM730566	Wsb2,Swip2,WSB-2,AA673511	3.25E-06	3.1205
BC019601	Wsb1,1110056B13Rik,2700038M07Rik	2.82E-13	3.61184
NM_030215	Wrnip1,WHIP,Wrnip,4833444L21Rik	2.24E-23	3.93178
NM_009525	Wnt5b,Wnt-5b,AW545702	7.53E-06	5.94733
BC018425	Wnt5a,Wnt-5a,8030457G12Rik	0	6.32702
Bl692255	Wnk1,Prkwnk1,mKIAA0344,6430573H23Rik	3.82E-06	1.7165
NM_018865	Wisp1,Elm1,AW146261	3.27E-31	29.54223
Bl251603	Wipi1,AW411817,MGC36416,D11Ert498e,4930533H01Rik	9.62E-07	1.97502
Bl658695	Whsc1I1,NSD3,AI528490,A530023P05	0.00089	3.36446
BQ177743	Whsc1,Whsc1I,AW555663,mKIAA1090	9.71E-06	3.51548
NM_134139	Wdr74,AA407588,5730436H21Rik	0.00062	1.57214
AK002371	Wdr57,Prp8bp,0610009C03Rik	0.00006	1.71756
AI415371	Wdr19,PWDMP,mKIAA1638,C330027H04Rik,D330023L08Rik	0.00005	2.71503
AW542545	Wdr1,D5Wsu185e	6.78E-06	2.19091
NM_024479	Wbscr27,MGC8159,AW492986,BC002286	0.00064	3.08605
BC007478	Wbp5,AL024233	4.04E-16	2.48701
NM_031877	Wasf1,Scar,WAVE,WAVE-1,AI195380,AI838537	0.00013	2.33276
BM240052	Vps41,Vam2,mVam2,AI317346	0.00049	1.57065
NM_030559	Vps16,MGC7352,1810074M16Rik	0.00018	1.78868
AK003237	Vkorc1,D7Wsu86e	0.00028	1.81507
M24849	Vim,MGC102095	7.03E-35	3.33062
BM119387	Vil2,p81,ezrin,R75297,AW146364,MGC107499,cytovillin	4.76E-08	3.1633
NM_009502	Vcl,AA571387,AI462105,AW545629,9430097D22	4.53E-07	1.6678
BB250384	Vcam1,CD106,Vcam-1	4.16E-08	4.4065
BB742957	Uty,Hydb,KIAA4057,mKIAA4057	0	36.36382
BB153362	Utrn,DRP,Dmdl,AA589569	0.00003	8.13706
AW107303	Usp9x,Faf1,Dffrx,FAF-X,AA407302,AA407699,AL022658,	8.09E-31	2.13824
AB045709	Usp8,Ubpy,AI574262,AW557536,mKIAA0055	0.00028	1.53355
BM233265	Usp3,AA409661,BC017156,MGC28886	0.00009	1.96204
AI427806	Usp22,AI427806,KIAA1063,MGC91200,mKIAA1063,9330200A01	0.00017	1.76249
AK006800	Usp20,Vdu2,AI467231,1700055M05Rik	7.51E-08	5.67967
AW539189	Usp12,Ubh1	0.00027	2.63202
AI117611	Usp11,MGC6649,KIAA4085,mKIAA4085,6230415D12Rik	1.10E-13	3.57519
BC018179	Usp1,MGC25559	4.70E-07	2.34283
NM_009477	Upp1,Up,Upp,UPase,UdRPase,AI325217	6.14E-36	11.01495
BB219662	Upk1b,UPlb,Upk1,Tspan20,AI413235	3.16E-27	20.3888
BM226250	Unc5c,rcm,Unc5h3,AI047720,6030473H24,B130051O18Rik	0.00037	6.51702
BG065285	Unc5b,Unc5h2,A630020F16,D10Bwg0792e,6330415E02Rik	7.58E-15	8.88249
BB464342	Unc45a,AW538196	0.00016	4.8632
BQ266387	Uhrf2,Nirf,AI426270,AW214556,2310065A22Rik,D130071B19Rik	0.00019	2.08508
NM_053184	Ugt2a1	0.00024	3.36764
NM_009466	Ugdh,Udpgdh	6.18E-06	2.39509
BM211361	Ugcgl1,AA589501,AI414429,AI448372,0910001L17Rik	1.15E-20	2.25635
AA591863	Ugcg,Ugcgl,C80537,Epcs21,GlcT-1,AU043821	2.62E-09	6.95918
NM_026435	Ufm1,AI132708,AI463323,1810045K17Rik	0.00012	2.30698
AW108044	Ucp2,Slc25a8	0.00046	1.83128
NM_030724	Uck2,UK,UMK,Umpk,TSA903,AA407809,AI481316	0.00006	4.12208
NM_011670	Uchl1,gad,C88048,PGP9.5,R75593,AW822034	8.56E-38	6.9241
BB253461	Ubx2,KIAA0242,mKIAA0242,1300013G12Rik	1.12E-10	6.49582
BC016129	Ubt1,BC016129,MGC28905	0.00008	4.05438
NM_013699	Ubp1,Cp2b,NF2d9,LBP-1a,LBP-1b	8.04E-07	1.90585
AK016093	Ube4b,UFD2,UFD2a,Ufd2p,	0.00043	4.89101
BB796558	Ube2w,6130401J04Rik	9.19E-40	2.88704
BF472749	Ube2j1,Ncube,Ubc6p,Ncube1,0710008M05Rik,1110030I22Rik	0.00001	1.80343
BM242612	Ube2i,UBC9,Ubce9,Mmubc9,Ubce2i,5830467E05Rik	6.64E-08	3.08933
Bl438002	Ube1dc1,AW240750,5730525G14Rik	0.0002	1.78572
AI482041	Ubp2I,C77168,Nice-4,	0.00041	4.46128
BG963358	Uap1I1,5730445F03Rik	2.53E-07	2.50763
AW542140	U2af1-rs2,35kDa,C77286,5031411E02Rik,A230052C13Rik	0.00011	2.24527
NM_024187	U2af1,35kDa,2010107D16Rik	0.00041	1.5122
BC020139	Tyms,TS	0.00005	3.35804
AK004219	TxnI5,TRP14,D11Ert498e,4831443O22Rik,RP23-207N15.4	0.00003	1.58279
NM_025299	TxnI4,Dim1,U5-15kD,U5-15kDa	0.00002	4.28416
NM_025334	Txn12,ERp19,0610040B21Rik	5.38E-08	1.79225
NM_011660	Txn1,ADF,Txn,AW550880	4.79E-26	1.77416

BG070463	Txlna,Txln,AI425952,AW209241,MGC77972,MGC86145,	6.81E-07	6.66388
BC004850	Twsg1,Tsg,Twg,AW552143,D17Erd403e,1810013J15Rik	3.81E-12	4.8169
NM_030254	Tusc3,N33,MGC6989,AU022242,BC003311	0.00019	1.90576
BB667130	Tulp4,Tusp,1110057P05Rik	1.70E-20	4.77645
BQ178976	Tubgcp2,1700022B05Rik	2.62E-06	3.82656
NM_026473	Tubb6,BB220206,2310057H16Rik	0	7.88058
NM_011655	Tubb5,AA408537,AI596182,M(beta)5,B130022C14Rik	6.79E-41	5.16786
AA986082	Tubb2b,2410129E14Rik	4.04E-14	8.24627
BC003475	Tubb2a,Tubb2,M(beta)2	2.68E-15	4.59273
NM_009448	Tuba6,M[a]6	0.00008	2.02814
NM_009446	Tuba3,M[a]3,AI528779,MGC107295	8.04E-32	22.61037
BC008117	Tuba2,MGC102558,MGC117866,MGC118411	1.11E-19	2.83886
NM_011653	Tuba1,Tuba-1,MGC102097,MGC102098,MGC102099	8.74E-11	2.8343
AK016145	Till5,R75373,AI428864,mKIAA0998,1700048H13Rik	2.19E-11	10.05176
BB764137	Till1,AV014541,6330444E16Rik	0.00001	3.52484
BC018513	Ttl,2410003M22Rik	2.05E-08	2.57546
BB106428	Ttc9,AI429215,AI853559,1700029M07Rik	0	10.59357
BC017523	Ttc8,BBS8,AV001447,0610012F22Rik	2.35E-07	2.62042
BM116591	Ttc3,TPRD,AA409221,D16lum21,KIAA4119	0.00008	2.62045
BM238672	Ttc14,cl-44,AI662468,AU014779,AW561908,	1.48E-09	1.91907
AV332105	Tspy5,6330530B20,E130308C19Rik	0.0006	2.31038
AK020159	Tspan9,AU018597,6720474K14Rik,9430079M16Rik	4.13E-07	3.07294
NM_019656	Tspan6,T245,Tm4sf,Tm4sf6,TSPAN-6,AI316786	2.41E-21	5.47364
NM_019571	Tspan5,NET-4,Tm4sf9,AU024142,2810455A09Rik,4930505M03Rik	0.00025	2.81191
NM_053082	Tspan4,NAG-2,Tm4sf7,Tspan-4,AI325509,AI746565	1.47E-07	3.15741
AU016382	Tsc22d1,TSC,Egr5,TSC-22,Tgfb1i4,AA589566,AW105905	0	2.97769
NM_133901	Trrap,AI481500	4.21E-06	1.66403
BB360644	Trps1,AI115454,AI447310,MGC46754,MGC107472,D15Erd586e	1.39E-08	2.07727
BB377721	Trpm3,MLSN2,LTRPC3,AU018608,9330180E14,	2.68E-06	4.46255
NM_013838	Trpc6,Trpp6,mtrp6,AV025995,LLHWJM002,LLHWJM003	3.15E-12	8.89173
BB817939	Trpc1,Trpp1	5.72E-07	6.41965
BB309395	Trpa1,Anktm1	0	100
AF075434	Trp63,Ket,p63,Trp63,p73L,TAp63,p51/p63,AI462811,	0.00018	2.76971
AW495711	Trp53inp1,SIP,Teap,SIP18,SIP27,Stinp,2700057G22Rik	6.79E-10	1.86512
AJ414734	Trp53bp1,53BP1,m53BP1,MGC100303	6.48E-08	2.51413
BG069917	Trove2,Ssa,Ssa2,SS-A/Ro,AI646302,1810007117Rik,A530054J02Rik	1.99E-13	3.89903
AF288606	Tro,Tnn,Trol,Maged3,Maged3I,AA409408,magphinin	0.00011	5.91278
AV350958	Trip4,ASC-1,BB191711,4930558E03Rik	0.00011	1.84119
AK010336	Trip13,D13Erd328e,2410002G23Rik	7.42E-06	3.57476
BM238331	Trip12,Gtl6,AA410158,MGC31615,1110036I07Rik,6720416K24Rik	3.79E-06	2.68166
BB306866	Trip11,AI450776,2610511G22Rik,3110031G15Rik,6030460N08Rik	0.00004	3.14825
BB080177	Trio,AA408740	0.00091	2.09304
NM_025863	Trim59,Mrf1,TSBF1,2310035M22Rik,2700022F13Rik	7.01E-12	14.45266
AV077293	Trim47,2210023F24Rik	1.40E-16	3.57997
NM_020267	Trim44,Mc7,Dipb,MGC102054,4930467E23Rik	0.00004	5.05396
BM119247	Trim37,MUL,TEF3	0.00001	2.6683
AA408787	Trim28,KAP-1,Tif1b,KRIP-1,AA408787,Tif1beta,MGC102100	0.00012	1.78968
BB466780	Trim2,narf,KIAA0517,mKIAA0517	9.65E-12	4.07
AV237242	Trib1,Trb1,TRB-1,A530090O15Rik	2.83E-06	6.57603
BB091955	Tram2,MGC25725,C330003D03Rik	1.32E-15	2.96263
BC027120	Tram1I1,MGC38777,A830091N21Rik	2.47E-06	5.94081
AW209055	Tram1,TRAMP,MGC1174,1810049E02Rik	0.00004	2.51293
NM_011633	Traf5	0.00009	2.49987
BE986588	Traf3ip3,T3jam,AI115021,MGC41284,6030423D04Rik	0.00005	3.08561
U21050	Traf3,amn,LAP1,CAP-1,CRAF1,T-BAM,CD40bp,AI528849	1.76E-06	2.68321
BB749262	Tradd,AA930854,9130005N23Rik	0.00011	2.83871
BE995678	Tra1,gp96,ERp99,GRP94,Tra-1	1.20E-06	3.00847
NM_016715	Tpte2,CRLM2,Ly114,Tslpr	9.44E-13	2.2887
BB484264	Tpp2,TppII	0.00058	1.76807
NM_016785	Tpmt	0.00047	4.83436
BE380713	Tpm3,Tpm5,Tm5NM,Tpm-5,hTMnm,Trop-5,hTM30nm,	0.00092	4.38005
M22479	Tpm1,Tmpa,Tpm-1,AA986836,alpha-TM	1.19E-14	2.44856
BQ177165	Tpbg,5T4,AW495680	1.00E-28	13.15204
BB203106	Tparl,pFT27,Tpardl,AV026557	0.00004	1.94246
AK009693	Tor3a,Adir	5.01E-08	2.59613
BB223859	Tor2a	8.55E-07	1.73818

AJ298841	Tor1a,DQ2,Dyt1,torsinA,MGC18883	1.07E-06	2.23869
BB166592	Top2b,Top-2,D230016L12Rik	0.00002	1.54102
BM211413	Top2a,Top-2	4.54E-07	10.61368
AI315031	Tns3,TEM6,Tens1,tensin3,BC023928,F830010I22Rik	4.44E-22	2.69028
BI080625	Tnrc6a,Tnrc6,CAGH26	0.00004	1.56994
BE136147	Tnrc15,Gigyf2,	2.93E-07	3.44565
BM236809	Tnpo1,MIP,TRN,IPO2,MIP1,Kpnb2,AU021749,D13Ert688e	0.00028	1.81715
NM_011619	Tnnt2,Tnt,cTnT	0	100
NM_011618	Tnnt1,Tnt,sTnT,AW146156	1.81E-08	4.10606
NM_021467	Tnni1,Al747285,2700018B22Rik	3.70E-43	18.25854
NM_009393	Tnnc1,tncc,Al874626	0	8.26786
L26349	Tnfrsf1a,FPF	7.39E-27	2.61552
NM_013869	Tnfrsf19,TAJ,Troy,TRADE,AL023044,AW123854,Tnfrsf20,	0.00049	1.84683
NM_013749	Tnfrsf12a,Fn14,HPIP,C87282,TweakR,TWEAK-R,Al255180	0.00012	8.44643
AB013898	Tnfrsf11b,Opg,TR1,OCIF	1.17E-06	7.37299
NM_025566	Tnfaip8l1,2600017J23Rik	0.00004	3.47796
NM_011607	Tnc,TN,Hxb,Ten,TN-C,Al528729	1.11E-13	16.26481
NM_025284	Tmsb10,TB10,Ptmb10	4.59E-14	4.14772
AK017725	Tmod3,UTMOD,U-Tmod	3.11E-20	1.82546
BB325257	Tmepai,STAG1,N4wbp4,PMEPA1,AW455466,2210418I02Rik	2.81E-21	9.08937
AK007864	Tmem86a,Al414959,AW742698,1810054O13Rik	1.16E-08	2.05225
BG075363	Tmem64,Al790744,AV300874,9630015D15Rik	1.65E-15	2.15976
BC004013	Tmem49,Al787464,4930579A11Rik	4.91E-10	1.53182
NM_138751	Tmem47,BCMP1,Tm4sf10,Al115536,3010015F07Rik	0	5.53142
BB823331	Tmem41b,	0.00001	1.53353
NM_019953	Tmem4,Zsig9,AW229003,D10Bwg1546e,5330432A10Rik	4.85E-07	1.72669
NM_026239	Tmem35,Al841526,9030603L14Rik	2.16E-08	6.47984
BG068678	Tmem30b,9130011B11Rik	5.26E-08	6.08753
BC019745	Tmem2,MGC102198,mKIAA1412,3110012M15Rik	4.43E-11	4.69452
BM114154	Tmeff1,Tr1,M7365,A830033E11	0	18.61652
AK018286	Tmed8,Gm1184,Al447224,6430595O10Rik	0.00082	1.61125
AV306753	Tmed7,TRAM,AU044611,AW545765,3930401E15Rik,5830493P14Rik	0.00041	1.62929
AV060550	Tmed10,Tmp21,MGC102351,1110014C03Rik	6.54E-17	1.74608
BM114609	Tmco3,C87304,B230339H12Rik	0.00056	2.36642
BB470329	Tmcc1,mKIAA0779,3632431M01Rik	0.00001	2.41917
BC004840	Tmc6,EVER1,D11Ert4204e	0.00002	2.33298
BC004752	Tmbim1,C78899,Tmbib1,	2.38E-12	1.88296
AK009736	Tm7sf1,C80550,C80741,	2.62E-07	1.9526
BM240385	Tm6sf1,Al428514,BC023123,MGC25583,C630016D09Rik	8.33E-07	2.81275
BQ177170	Tm4sf1,L6,M3s1	7.30E-06	2.40166
AF185285	Tlr4,Lps,Ly87,Ran/M1,RasI2-8	0.00056	2.91394
NM_126166	Tlr3,Al957183	0.00003	1.92051
NM_011905	Tlr2,Ly105	0.00033	3.98745
BI655907	Tlr13,Gm713,Al666735	5.67E-08	3.5811
AI226757	Tloc1,HTP1,Dtrp1,SEC62,Al844545,AW545092,3100002M17Rik	0	1.98588
BI990924	Tle3,ESG,Grg3a,Grg3b,mKIAA1547,2610103N05Rik	2.39E-08	3.7955
NM_011599	Tle1,Grg1,C230057C06Rik	0.00001	2.56651
AK002882	Tjap1,Pilt,Tjp4,Al415281,AW121008,0610041D19Rik	0.00079	2.9638
BF168458	Timp2,Timp-2,D11Bwg1104e	0.00016	1.96186
BC008107	Timp1,Cigi,Timp,TIMP-1,MGC7143	0	36.769
BM228957	Tiam2,STEF,mKIAA2016,3000002F19Rik	1.40E-45	34.89798
AK009502	Tia1,mTIA-1,Al256674,2310050N03Rik	0.00062	3.5412
BB375353	Thoc2,Tho2,Gm1139,Gm1793,6330441O12Rik,D130005M13Rik	0.00009	1.86488
BF320755	Thex1,3'hexo,3110010F15Rik	0.00085	2.33305
NM_011581	Thbs2,TSP2,Thbs-2	0.00026	1.8332
AI385532	Thbs1,TSP1,TSP-1,tbsp1,Thbs-1	2.34E-21	11.65334
NM_009378	Thbd,TM,CD141,Al385582	8.65E-12	3.2085
BB162048	Thap2,Al450385,Al649097,2900040O07Rik,9030625G08Rik	4.16E-09	2.22702
BB550124	Tgm2,tTG,G[ajh,tTGas	2.07E-07	2.24039
AK017884	Tgif2,C80753,C81206,4921501K24,5730599O09Rik	0.00051	3.68299
NM_009372	Tgif,AA959811,Al462167	7.63E-09	4.01369
S69114	Tgfr2,DNIIR,RIDN,AU042018,TbetaRII,TbetaR-II,1110020H15Rik	1.51E-06	11.22956
BB532080	Tgfb1,68kDa,big-h3,Beta-ig,Al181842,Al747162	1.54E-15	2.51259
BC014690	Tgfb3,Tgfb-3,MGC118722	0.00003	2.47047
BB296763	Tgfb2,Tgfb-2,BB105277,Tgf-beta2	0.0005	6.85357
NM_009365	Tgfb1i1,Hic5,ARA55,TSC-5,hic-5	1.99E-18	4.05175

NM_011577	Tgfb1,Tgfb,Tgfb-1,TGF-beta1	1.27E-14	7.5851
AF004833	Tfpi,EPI,LACI,AW552122,A630013F22Rik	5.77E-28	8.49407
BB405795	Tfdp2,DP3,DP-3,A330080J22Rik	4.64E-06	2.13143
BC010465	Tes,TESS,Tes1,Tes2,testin2,D6ErtD352e	1.39E-07	3.51
NM_009352	Terf1,Pin2,Trf1,Trfb1	2.06E-06	2.27191
NM_013689	Tec	0.00016	3.33514
D87965	Tead4,TEF-3,TEAD-4,Tefr1a,ETFR-2a,Tcf13r1	8.47E-14	10.44708
AK015351	Tdrd9,4930441E05Rik	0.00006	5.89309
U07662	Tcra,TRAV6-7,TRAV6D-7,Tcralpha,N30.7TCRA	1.17E-06	13.28127
AV085634	Tcn2,Tcn-2,AW208754	1.23E-07	1.67875
NM_016921	Tcirg1,oc,Stv1,Vph1,Atp6i,OPTB1,TIRC7,ATP6a3,OC-116,ATP6N1C	0.00059	1.88485
AV044715	Tcf15,Figlb,AV260129,MGC118431	2.42E-09	5.84834
NM_031198	Tcfec,TFEC,BB107417,MGC107474	4.73E-06	6.14357
D29919	Tcfe2a,A1,E12,E2A,E47,ME2,ALF2,Pan1,Pan2,TCF3,VDIR	8.95E-07	8.40599
C88013	Tcfap2e,AP-2e,AI505200	0.00052	4.91325
AI323642	Tcf7,Tcf1,TCF-1,AI465550	0.00006	3.70558
AI639846	Tcf4,ME2,TFE,E2-2,E2.2,ITF2,SEF2,Hnf-4,ITF-2,SEF-2,	8.11E-09	2.31071
NM_011545	Tcf21,epc,Pod1,Pod-1,capsulin,epicardin	0	50.15693
NM_011544	Tcf12,HEB,ME1,REB,ALF1,HTF4,HTF-4	2.61E-14	3.48274
NM_025703	Tceal8,3930402F23Rik	6.99E-09	2.233
BB378019	Tceal7,AI118095,1110018P05Rik	3.83E-06	1.93913
AV226212	Tbx4,3930401C23	1.41E-14	22.17441
BB045423	Tbx3,D5ErtD189e	2.13E-08	11.37186
AK020409	Tbx20,Tbx12,AL022859,9430010M06Rik	2.85E-06	7.36801
NM_009324	Tbx2	3.15E-11	8.48634
AK012980	Tbx18,2810012F10Rik,2810404D13Rik	0.00017	3.47253
AK005604	Tbpl1,STD,TLF,TRP,Tlp,TRF2,D18347,AW011832,AW491032	1.23E-07	2.40271
BF682509	Tbl1x,Tbl1,5330429M20	7.26E-08	1.85353
NM_019786	Tbk1,AI462036,AW048562,1200008B05Rik	1.71E-06	1.67355
BB559082	Tbca	6.36E-06	1.55259
BB451404	Tbc1d8,AD3,VRP,HBLP1	7.68E-10	2.96284
AK004526	Tbc1d2b,AI480956,AV021536,AV023399,AW491493,	9.12E-08	1.90399
BF577643	Tbc1d15,AU022358,AU023730,AW557774,4432405K22Rik	1.04E-06	1.60565
BF228251	Tbc1d12,BC033574,MGC38216	0.00015	1.60367
BC008166	Tax1bp3,TIP-1,1300011C24Rik,RP23-263M10.10	5.09E-17	3.4688
NM_031867	Tas1r1,TR1,T1r1,Gpr70	0.00001	5.19027
BC012873	Tardbp,C85084,1190002A23Rik	0.00009	1.59241
BB151477	Taok1,AU020252,MGC29021,mKIAA1361,2810468K05Rik	2.20E-06	2.92075
AK004560	Tanc1,Tanc,mKIAA1728,1200003E16Rik	9.00E-10	2.04068
AV212626	Tagln2,Sm22B,Sm22a,KIAA0120,SM22beta,2700094C18Rik	2.32E-11	3.11741
BB427389	Taf15,68kDa,Taf2n,TAFII68,2610111C21Rik	0.00033	2.81194
NM_011524	Tacc3,Aint,C86661	1.29E-06	5.34739
BE862546	Tacc1,AA960202,4833447E04Rik,B230378H13Rik	1.41E-08	1.61795
NM_053093	Tac4,PPT-C,AW489379,tachykinin	7.15E-06	2.33318
BB277065	T2bp,TIFA	1.26E-08	10.71301
AV336547	Syt4,SytIV	4.68E-13	6.36437
BB244585	Syt13,AI549909,mKIAA1427,5730409J20Rik	1.32E-39	37.84267
NM_134164	Syt12	0.00007	9.68152
BF457392	Syt11,1500004A13Rik,3632445O20Rik,5430404N14Rik	2.07E-08	2.37404
BB322227	Synpo2l,1110054M18Rik	6.88E-10	1.8373
BB426294	Synpo,AW046661,9330140I15Rik	1.05E-07	3.05298
NM_022027	Syne1,8B,CPG2,Myne1,SYNE-1,SYNE-1B,BE692247	0.00018	2.38608
BB469322	Syncrip,pp68,Nsap1,Nsap1l,GRY-RBP,2610109K23Rik,	1.69E-14	2.12865
AK005954	Syce2,Cesc1,AA407907,1700013H19Rik	0.00015	3.26187
BG066534	Suz12,AI195385,AU016842,AW536442,KIAA0160,mKIAA0160	0.00097	1.5368
BG793501	Suv420h1,AA117471,MGC18702,Suv4-20h1,C630029K18Rik	0.00024	2.16347
BF122782	Surf4,Surf-4,AL033340,AL033373	1.90E-07	1.97302
AW536705	Supt16h,Cdc68,Spt16,Fact140	2.09E-27	1.82234
BG064647	Sumo2,Smt3b,SUMO-2,Smt3h2	0.00004	2.66601
BB822050	Sumf2,2610040F05Rik	1.27E-08	5.4352
BB751459	Sulf1,AI467640,AW121680,mKIAA1077	1.00E-18	5.61566
AU014962	Stx5a,Stx5,D19ErtD627e,0610031F24Rik	4.58E-07	2.06187
BC011491	Stx4a,Stx4,Syn4	2.57E-07	1.53765
D29800	Stx3,AA960228,AV006285,AW536415	0.00011	3.06865
AK017897	Stx11,5830405C08Rik	1.33E-06	4.95632
AF414080	Strn4,ZIN,C80611,zinedin	0.00006	1.63462

BB485260	Strn3,Gs2na,SG2NA	2.02E-06	1.70462
BG519214	Strn,AU022939,D130055P19	2.03E-07	2.48277
AV231210	Stox2,AI449080,AI835114,MGC107432,mKIAA1392,4933409N07Rik	7.45E-06	3.9692
AK007508	Stoml1,SLP-1,STORP,WPB72,UNC-24,AI847431,1810015E19Rik	0.00088	2.3584
AF093620	Stom,Epb7.2	0.00002	2.15422
BC010581	Stmn1,19K,Lag,SMN,p18,p19,pig,PP17,PP18,PR22,op18,Lap18	0.00007	3.02435
BG069810	Stk4,Mst1,Ysk3,Kas-2,AI447339,AU020804	0.00049	1.66055
BB528554	Stk36,FU,MGC58023,B930045J24,1700112N14Rik	0.00019	4.46711
AK021111	Stk3,MST,Mst3,mess1,0610042I06Rik	6.64E-07	2.20699
BM232304	Stk25,Ysk1,C86992,AU018434,Ste20-like,1500019J11Rik	0.00004	2.08939
AV173139	Stk17b,Drak2,AI120141,3110009A03Rik	1.09E-30	3.65947
AF062076	Stk16,EDPK,Krct,PKL12	0.0005	2.31587
AK004757	Stk11ip,LIP1,LKB1IP,BB131189,1200014D22Rik	0.00005	18.33812
BB817972	Steap2,STMP,IPCA1,IPCA-1,STAMP1,PCANAP1,	2.02E-15	17.25394
AF297098	Steap1,Steap,Prss24,2410007B19Rik	0.00028	4.36687
AK021006	Stch,AV006182,1600002I10Rik,B230217N24Rik	2.50E-11	14.90994
BQ032752	Stc1,Stc	0.00003	6.77363
AK004083	Stat3,Aprf,AW109958,1110034C02Rik	3.55E-11	1.82222
BB667840	Stard13,DLC2,GT650,MGC38133	0.00001	2.09944
BB277125	Stam2,Hbp,BB145015,1200004O12Rik,5730456G07Rik	1.38E-08	7.69306
NM_011484	Stam,STAM1	1.46E-06	1.7306
BG071333	St8sia2,STX,Siat8b,AI323367,ST8Siall	6.03E-06	4.65573
AK007601	St6galnac4,Siat7d,MGC102103	1.13E-08	2.7369
BC010208	St6galnac2,Siat7,Siat7b	1.02E-15	7.76732
AK008100	St5,2010004M01Rik,2610305K15Rik	1.48E-26	8.27423
BE954474	St3gal4,Siat4c	0.00002	3.92295
NM_009177	St3gal1,Siat4,Siat4a,ST3Gall,AI467004,MGC90735,St3gal-1	6.69E-14	2.66838
NM_133726	St13,HIP,HOP,p48,SNC6,HSPABP,HSPABP1	2.52E-10	1.67789
BC024835	Ssrp1,T160,Hmgox,C81323,Hmg1-rs1,Hmgi-rs3	0.00034	1.9837
BC024835	Ssrp1,T160,Hmgox,C81323,Hmg1-rs1,Hmgi-rs3	2.56E-09	1.86538
AV325051	Ssr1,SSR,TRAPA,AI159733,AI452176,6330400D04,	1.55E-06	4.48377
BB033597	Ssfa2,CS1,CS-1,KRAP,SPAG13,mKIAA1927,5730488C15Rik	1.41E-25	2.02881
AV295012	Ssbp3,LAST,SSDP1	0.00007	1.5861
AI481332	Ssbp2,SSDP2,Hspsc116,	1.73E-13	9.82612
AI528781	Ss18,Syt,Ssxt,D130059H17	0.00002	5.71316
BC028307	Srpx2,SRP,SRPUL,1110039C07Rik	0	15.66056
NM_009272	Srm,SpdSy,AA407669	1.99E-07	2.07549
AK008404	Sri,Sor,2210417O06Rik	0.00006	2.02737
AF481964	Srgap3,Gbi,WRP,MEGAP,AI452337,Arhgap14,mKIAA0411	4.63E-23	4.11563
AK005172	Srgap2,FBP2,Fnbp2,srGAP3,AI448945,9930124L22Rik	0.00002	2.49373
BM123132	Sreb12,SREBP2,SREBP-2,AI608257,SREBP2gc	0.00003	4.32382
BB476639	Srd5a2l2,MGC130344,MGC130345,D330017N19Rik	0.00031	3.0798
BB206480	Srd5a2l,H5ar,AV364670,AW987574,A430076C09,	0.00001	9.69481
NM_009270	Sqle,AI323792	2.24E-11	3.54079
BM242524	Spty2d1,AI852426,5830435K17Rik	0.00001	1.66649
BC003227	Sptlc2,LCB2,AI173915,mKIAA0526	0.00002	2.79418
NM_013539	Spsb2,C9,SSB2,Grcc9,AI461677	0.00004	4.16397
AI596360	Spsb1,SSB1,SSB-1,AI596360,AI854583,MGC102221,	0.00029	2.12153
BB080456	Spry4,sprouty4,A030006O18Rik	1.75E-07	3.60803
BB529691	Spry2,sprouty2	1.73E-07	2.23537
BB053442	Spred2,C79158	0.00012	1.8959
BQ044290	Spred1,AL024345,AW047647,5730461F13Rik	1.04E-12	5.25745
BC023131	Sppl3,Psl4,Usmg3,MGC90867,4833416I09Rik	0.00017	1.82931
NM_009263	Spp1,OP,Bsp,Eta,Opn,Ric,BNSP,BSPI	0	100
AW550681	Spnb2,elf1,elf3,SPTB2,SPTBN1,Spnb-2	3.74E-10	11.28945
AK011566	Spna2,brain,Spna-2,2610027H02Rik	0.0003	1.90182
AU067702	Spir1,Spir-1,AI415299,AU022898,AW550622,6030430B19Rik	7.76E-21	6.84093
BM228780	Spin,AA553322,AA673430,MGC27756	2.75E-13	3.06807
NM_025367	Sphk1,SK1,1110006G24Rik	0.00082	4.81171
BE948928	Spg3a,FSP1,SPG3,AD-FSP,4930435M24Rik	0.00032	3.56058
BB095517	Spg21,MAST,ACP33,GL010,BM-019,C78576,D9Wsu18e	6.57E-24	3.30445
BC019390	Spcs3,1810011E08Rik	7.27E-22	2.16643
BI078449	Spcs2,AA408713,MGC60452,mKIAA0102,5730406I15Rik	2.00E-12	1.83728
NM_026911	Spcs1,1810004F21Rik	1.55E-16	1.69204
BC027121	Spbc25,2600017H08Rik,2610205L13Rik	0.00001	11.55198
BC023432	Spats2,p59,59kDa,Scr59,2700012F11Rik	4.04E-07	5.53509

AV271736	Spata13,C79050,ESTM11,X83327,FLJ00298,mFLJ00298	0.0009	3.07544
NM_009242	Sparc,BM-40,AA517111	1.23E-06	1.86646
AK004607	Sp3,MGC105187	0.00049	1.81045
BG916549	Sp1,Sp1-1,AA450830,AI845540,1110003E12Rik	0.00014	1.79491
BI793804	Sox9,AV220920,KIAA4243,mKIAA4243,2010306G03Rik	0.00026	2.55056
AK015212	Sox5,AI528773,MGC124352	2.23E-10	7.89648
BG083485	Sox4,Sox-4,AA682046	1.34E-09	3.92115
BM508495	Sox11,end1,AI836553,1110038H03Rik,6230403H02Rik	3.10E-12	5.31114
BB212560	Sost,5430411E23Rik	7.61E-10	9.88194
NM_030889	Sorcs2,N28137,mKIAA1329	0.00039	5.26413
BB479893	Sorbs2,Argbp2,mKIAA0777,A530071H08,9430041O17Rik	6.40E-10	4.30564
BB204648	Socs6,Cis4,SSI4,Cish4,STAI4,STAT4,Socs4	0.00033	2.5088
BB244749	Socs4,Socs7,AI427843,AU015727,AU015859,3110032M18Rik,	2.90E-07	1.60471
BB022048	Socs2,hg,JAB,CIS2,Cish2,SSI-2,SOCS-2,AW108012,	0.00003	3.48964
BG064396	Soat1,ald,Acact,ACAT-1,8430426K15Rik	1.86E-17	13.36444
AI314167	Snx8,B130023O14Rik	1.78E-06	2.38271
AK011015	Snx7,MGC107328,2510028H01Rik	0	8.03282
BC025911	Snx6,C85963,AU018928,2010006G21Rik,2610032J07Rik	8.08E-07	1.76969
NM_080557	Snx4,AI037066,1810036H14Rik	1.52E-08	1.85494
AV351081	Snx25,Gm173,Gm1699,SBB131,AI661919	2.36E-11	4.74435
AK011015	Snx7,MGC107328,2510028H01Rik	7.62E-04	1.59992
BI646094	Sntb2,Snt2	0.00006	3.10519
NM_026506	Snrpg,SMG,2810024K17Rik	4.48E-16	1.7977
AK012171	Snn,AI848521,AW547286,MGC107297,2810407J07Rik	0.00025	2.66621
NM_013669	Snap91,91kDa,AP180,F1-20,mKIAA0656	6.16E-41	8.69645
NM_011415	Snai2,Slug,Slugh	6.88E-09	6.58252
NM_011427	Snai1,Sna,AI194338	5.83E-20	8.32133
AV344473	Snag1	1.87E-06	2.19957
AW538800	Smyd4,G430029E23Rik,RP23-384C18.3	0.00001	3.64432
AW555326	Smo,bnb,Smoh,D13Mgi8,E130215L21Rik	6.23E-10	2.23194
BM244144	Smc4I1,C79747,2500002A22Rik	4.87E-10	3.08418
NM_008017	Smc2I1,CAPE,CAP-E,Fin16,AI255214,AW545314,5730502P04Rik	1.77E-06	4.47237
BB156359	Smc1I1,SMCB,Smc1,SB1.8,KIAA0178,Smc1alpha,mKIAA0178	0.00004	1.51364
AV061337	Smbp,Tm9sf3,AI115521,AI413748,AW146116,AW549777,	7.19E-21	1.94077
AK018493	Smarce1,Baf27,2810417B20Rik,5830412H02Rik,9030408N19Rik	4.83E-08	3.96673
BI558117	Smarcc1,Rsc8,SRG3,BAF155,AI115498	3.14E-08	3.45774
BG065193	Smarcad1,Etl1,D6Pas1,AV081750,AW226546,mKIAA1122	0.00017	1.55087
BI661719	Smarca5,Snf2h,4933427E24Rik,D330027N15Rik	9.48E-09	1.74741
AF010600	Smarca3,Hlrf,P113,Snf2I3,AF010600,BC057116	0.00065	2.18524
BM123777	Smad7,Madh7	1.46E-08	3.9473
AF010133	Smad6,Madh6	0	8.83985
AV014063	Smad5,Dwf-C,Madh5,MusMLP,AI451355,1110051M15Rik	3.26E-08	3.07677
NM_010754	Smad2,Madh2,Madr2	4.43E-06	1.77849
NM_008539	Smad1,Mlp1,Madh1,Madr1,MusMLP,AI528653	5.71E-17	2.55943
AK008863	Sln,2310045A07Rik	1.28E-06	5.07441
NM_009289	Slk,9A2,Etk4,SMAK,Stk2,mSLK,AV021402,AW411554,mKIAA0204	5.35E-23	4.68528
AV246497	Slitrk6,Sltk6,4832410J21Rik	2.15E-15	8.83774
BB357579	Slitrk4,6430513G13,D930039I09Rik	6.53E-34	15.61319
AK012169	Slit2,2610528G05Rik	1.08E-10	4.17564
BG963150	Slit2,Slll3,Drad-1,KIAA4141,mKIAA4141,E030015M03Rik	0.00018	3.65828
NM_011408	Slnf2,Shlf2	5.66E-10	3.98819
NM_033314	Slco2a1,Pgt,mPgt,Slc21a2,2310021C19Rik	2.70E-18	4.1545
BB148073	Slc9a9,AI854429,9930105B05	0.00028	5.61643
NM_011405	Slc7a7,myHat1,AI790233	4.58E-08	2.98043
BB547620	Slc7a6,LAT3,LAT-2,AI643885	3.76E-10	2.51799
BC026131	Slc7a5,TA1,D0H16S474E	9.17E-08	11.17908
BB264620	Slc7a1,Atrc1,Rec-1,Rev-1,Atrc-1,mCAT-1,AI447493	1.45E-07	2.24536
AI648846	Slc6a6,Taut,C80501,AA589629	8.85E-18	2.71482
BB536871	Slc6a11,GAT4,Gabt4,D930045G19Rik,E130202I16Rik	3.57E-17	13.55273
AW555750	Slc4a7,NBC3,NBCn1,C330023F04,E430014N10Rik	8.91E-13	2.44314
NM_009208	Slc4a3,Ae3,A930038D23Rik	0	18.6934
NM_009207	Slc4a2,Ae2,B3RP	5.92E-06	2.70811
BB145101	Slc44a2,1110028E10Rik	6.79E-06	1.77844
BC025941	Slc44a1,CTL1,CHTL1,Cdw92,AW547365,4833416H08Rik	4.04E-08	1.62351
BC026874	Slc41a2,SLC41A1-L1,A230035L05Rik	0.00001	6.65156
AI504711	Slc40a1,MTP,OI5,Pcm,Dusg,Fpn1,MTP1,IREG1,Slc11a3,Slc39a1	8.78E-31	8.56032

NM_008202	Slc39a7,KE4,Ke-4, Ring5,H-2Ke4,H2-Ke4,AA408174	3.74E-08	1.73999
BB825002	Slc39a6,Ermelin	0.00011	4.19832
BB399837	Slc39a14,fad123,BC021530,MGC38539,G630015O18Rik	8.04E-08	2.29653
BM239325	Slc39a10,mKIAA1265,5430433110,2900042E17Rik	0.00018	3.23124
BF165681	Slc38a1,NAT2,AA408026,AA409865,AL022800,AU015942	8.59E-26	19.98647
BB752003	Slc35f5,Al646727,1300003P13Rik	2.98E-20	3.00548
Al642520	Slc35d1,UGTREL7,Al834976,KIAA0260,mKIAA0260,C330011J09	2.06E-06	2.18823
AF233322	Slc30a7,ZnT7,ZnT-7,Znt12,1810059J10Rik	0.00008	1.55561
NM_022885	Slc30a5,ZNT5,ZTL1,ZnT-5,Znt1,AF233321,1810010K08Rik	2.26E-06	1.57742
NM_011774	Slc30a4,Im,Znt4	1.76E-16	2.82104
NM_130451	Slc2a10,Glut10,AA450473	0.0003	5.33056
BI158381	Slc29a3,Ent3,AW987637,4933435C21Rik	0.00082	1.73949
AV292356	Slc26a7,MGC30955	9.34E-18	15.94784
AA823938	Slc25a5,Ant2,MGC101927	2.69E-29	2.81355
AK011759	Slc25a32,Mftc,2610043O12Rik	7.00E-26	2.48433
BF578055	Slc25a24,2610016M12Rik	6.00E-25	8.22449
NM_011398	Slc25a14,UCP5,BMCP1,UCP5L,UCP5S	0.00001	5.25628
BB465699	Slc20a1,Glv1r1,Glv1r-1,Al607883	4.26E-08	5.9475
BB277461	Slc1a4,SATT,ASCT1,AW045657	2.03E-27	16.47314
AW105741	Slc16a2,Mct8,Xpct,AW105741	0.00004	1.93575
NM_023044	Slc15a3,Ci1,cl-1	3.84E-08	5.13701
BB732135	Slc12a7,Kcc4,AA408796,D13Ert261e	9.20E-39	6.58456
NM_009195	Slc12a4,KCC1,RBCKCC1,AW546649	6.99E-17	3.20225
BC027440	Slc10a3,P3,DXS253Eh,DXSmhG28,	0.00007	2.15096
BB031119	Slap,Slap,Slap-1	0.00021	4.93248
AV259620	Skp2,FBXL1,MGC102075,MGC116668	9.69E-09	5.0494
BM208991	Skiv2l2,mKIAA0052,2610528A15Rik	0.00006	1.99061
NM_021337	Skiv2l,SKI,Ddx13,Ski2w,AW214248,4930534J06Rik	0.00026	3.00517
U36203	Skil,sno,Skir,SnoN,SnoN2,sno-dE3,9130011J04Rik	1.17E-08	7.77004
AK019148	Ski,MGC8300,AA062172,AA589460,BC004088	1.80E-10	1.57286
Al662854	Sirpb1,Sirpb,SIRP-beta,9930027N05Rik	0.00003	4.35949
AV228782	Sipa1l2,BC058408,mKIAA1389	2.15E-11	2.37371
AF038848	Sin3b,2810430C10Rik	2.68E-11	2.76191
NM_015756	Shrm,AL022960,D5Ert287e	1.86E-17	24.74707
BC026364	Shoc2,Sur8,Sur-8,AU017287,MGC102442,mKIAA0862	0.00059	1.99919
NM_011369	Shcbp1,mPAL	0.00002	5.95952
BI408715	Shb,BC028832	0.00073	1.60131
BB072090	Sh3md2,Posh,R75531,2200003J05Rik	3.21E-10	6.96045
AK018032	Sh3kbp1,Ruk,Seta,Al447724,1200007H22Rik,1700125L08Rik	2.07E-12	11.69814
BB221842	Sh3glb1,Bif-1,AA409932,Al314629,AU015566	9.29E-20	1.71313
NM_133816	Sh3bp4,BOG25,Al594717,AW227605	1.42E-14	5.36454
BB130014	Sh3bp4,BOG25,Al594717,AW227605	1.46E-14	4.29682
NM_080559	Sh3bgrl3,AU022188,1110004L05Rik	0.00001	1.62609
BM218317	Sh3bgrl,1190008F14Rik	4.27E-15	3.92627
BC017611	Sgtb,MGC27660,C630001O05Rik	0.00006	3.751
NM_009163	Sgpl1,Spl,Al428538,D10Xrf456	0.00004	13.00395
AV316937	Sgol2,Tripin,AU018846,AV008062,	0.00055	5.05183
NM_028232	Sgo1,Sgo1,C81037,MGC113769,3300001M08Rik	0.00079	5.77171
BB768208	Sgk3,Cisk,2510015P22Rik,A330005P07Rik	0.00054	2.92539
AV025094	Sftpb,SF-B,SP-B,Sftp3,Sftp-3,Al562151	0.00005	7.4872
NM_025573	Sfrs9,25kDa,SRp30c,2610029M16Rik	2.51E-07	1.87557
BB517005	Sfrs3,X16,AL024116	0.00007	2.06917
BG229318	Sfrs10,TRA2B,SIG-41,Silg41,TRA2beta	3.26E-11	1.55297
BF147037	Sfrs1,Al482334,AW491331,1110054N12Rik	0.00001	1.69572
BF224766	Sfpq,PSF,MGC101933,D4Ert2314e,1110004P21Rik,	0.00081	1.56551
NM_011355	Sfpi1,Dis1,PU.1,Spi-1,Sfpi-1,Tcfpu1,Tfpu.1	0.00021	1.84983
AW744519	Sfi1,mKIAA0542,231004715Rik,RP23-191E3.10	0.00007	7.57043
NM_133953	Sf3b3,RSE1,SAP130,AA409318,mKIAA0017,	5.06E-15	2.73662
BC009141	Sf3a3,60kDa,MGC103282,4930512K19Rik	3.91E-07	1.66724
BM229104	Set,AA407739,Stf-IT-1,MGC118419,	1.12E-06	1.53953
BM124141	Sertad3,Rbt1	8.14E-06	1.82843
AF366401	Sertad1,Sei1,AV000455,AW456625,TRIP-Br1,1110032C13Rik	1.01E-19	2.95936
BI220012	Serpinh1,J6,Cbp1,Cbp2,gp46,Hsp47,BERF-1,Serpinh2,colligin	4.56E-14	3.89402
NM_009776	Serping1,C1nh,C1INH	2.41E-06	1.63915
AK012411	Serpinf1,Pedf,Sdf3,EPC-1,Pedfl,Al195227	0.00085	7.34179
NM_009255	Serpine2,PI7,PN-1,Spi4,B230326M24Rik	2.78E-19	2.47329

NM_008871	Serpine1,PAI1,PAI-1,Planh1	3.63E-10	15.48976
NM_011454	Serpinb6b,NK13,Spi12,ovalbumin	0.00033	3.09846
NM_009254	Serpinb6a,Spi3,AI876477,Serpinb6,ovalbumin	3.43E-11	1.92249
AF426024	Serpinb1a,EI,EIA,LEI,PI2,MNEI,M/NEI,ELANH2	4.91E-06	3.76015
NM_009252	Serpina3n,Spi2-2,Spi2.2,Spi2/eb.4	7.49E-26	19.50766
BQ175260	Serinc5,AIGP3,A130038L21Rik	9.49E-11	4.81794
NM_012032	Serinc3,Tde1,AIGP1,TMS-1,DIFF33,AA959945,AA960047	0.00024	1.81181
NM_017380	Sept9,Msf,MSF1,Sint1,PNUTL4	6.80E-18	7.63045
BI689183	Sept7,Cdc10,KIAA4020,mKIAA4020,E430034N22	4.78E-12	1.72076
AF033350	Sept5,Pnutl1,Cdcrel1,Cdcrel-1	7.56E-13	7.72153
NM_011129	Sept4,Bh5,Pnutl2	0.00037	2.37704
AV304911	Sept2,Nedd5,AW208991,mKIAA0158	0.00005	1.50828
BM120495	Sept11,AW548875,D5Erd606e,6230410I01Rik	6.34E-07	2.25312
BG063199	Sept10,9430099J10Rik	0.00005	1.60268
AY043488	Sepm,SelM,A230103K18,1500040L08Rik	2.26E-20	2.36923
BB271145	Sema4f	0.00045	3.47682
AV256403	Sema4d,CD100,Semaj,Semcl2,coll-4,Semac12	4.57E-06	2.67645
AF080090	Sema3f,Sema4,Semak,Sema IV	2.35E-07	6.34641
Z93948	Sema3e,Semah,AA408817,mKIAA0331	3.80E-12	17.11887
NM_009152	Sema3a,SemD,SEMA1,Semad,coll-1,Hsema-l	9.09E-06	3.0419
AW537349	Seh1l,Seh1,SEH1A,SEH1B,SEC13L,AW540070,2610007A16Rik	6.71E-06	2.38797
AK017703	Sec63,AI649014,AW319215,5730478J10Rik	3.85E-09	2.86538
BC003707	Sec61a1,Sec61a,AA408394,AA410007	5.69E-15	5.07391
BM222383	Sec311l,ABP125,ABP130,SEC31A,	4.14E-12	1.67115
AK009425	Sec24d,Gm1349,2310020L09Rik	3.32E-09	2.94349
BC011160	Sec23b	2.75E-18	2.38995
BG919982	Sec111l,18kDa,Spc18,sid2895,Sid2895p,1810012E07Rik	8.50E-20	1.5215
AW493494	Sdk2,Sdk-2,mKIAA1514,4632412F08Rik,5330435L01Rik	1.10E-10	2.47374
BM198177	Sdf4,Cab45	4.26E-06	1.57394
NM_022324	Sdf2l1	0.00004	4.76424
AV227603	Sdcbp,Sycl	2.91E-11	1.88904
BB528350	Sdc3,Synd3,syn-3,MGC65603,MGC69616,mKIAA0468	9.64E-12	2.68914
AU021035	Sdc2,Hspg1,Synd2,AA960457,syndecn-2	3.63E-11	3.16208
BI788645	Sdc1,Synd,CD138,Synd1,syn-1,AA408134,AA409076	1.41E-12	10.43329
BB274851	Scyl3,Pace1,AW214499,6030457O16,1200016D23Rik	1.60E-06	2.76395
AW124134	Scx,ScI,BB114693	3.64E-09	4.42423
NM_011328	Sct	1.46E-21	100
AW490544	Scrn1,SES1,AI852905,KIAA0193,mKIAA0193,	1.20E-08	19.97127
BC006859	Scrib,Crc,CRIB,Scrb1,SCRIB1,vartul,AI118201,mKIAA0147	0.00011	2.54285
AK014680	Scpep1,Risc,AI957256,2410018F01Rik,4833411K15Rik	2.76E-11	2.00751
BB533076	Scotin,2310008D10Rik,6430628I05Rik	7.95E-06	1.96144
BB516098	Scn5a,SkM1,Nav1.5,Nav1.5c	5.50E-21	19.22462
BE951842	Scn3b,Scnb3,1110001K16Rik,4833414B02Rik	1.28E-20	7.98282
BB096886	Scn3a,Gm1000,Nav1.3	1.02E-06	2.31044
AF397911	Scml4,MGC49264,mFLJ00197,9330161D17	4.20E-10	8.46764
BG060909	Scd1,ab,SCD,Scd-1,AA589638,AI265570	0.00004	4.30486
BB327612	Sbf2,Mttr13,mMTMH1,AA414977,AI317167,4833411B01Rik,	1.20E-06	6.91034
BB773592	Sbds,SDS,CGI-97,AI836084,4733401P19Rik	2.61E-07	1.78587
NM_009121	Sat1,Sat,SSAT,AA617398	3.40E-28	2.34093
BI217574	Sardh,MGC6279	0.00035	3.9503
NM_021788	Sap30,30kDa	0.00003	2.07636
BB739342	Sall1,Msal-3	0	9.90697
NM_011315	Saa3,Saa-3,AV098916	7.33E-06	10.16103
NM_009114	S100a9,p14,Cagb,GAGB,L1Ag,BEE22,MRP14,60B8Ag,AW546964	4.30E-35	18.28361
NM_013650	S100a8,p8,B8Ag,CFAg,Caga,MRP8,CP-10,60B8Ag,AI323541	2.39E-24	11.07419
NM_011313	S100a6,2A9,PRA,5B10,Cacy,CALCYCLIN	1.69E-21	3.09941
D00208	S100a4,42a,18A2,Capl,FSp1,Mts1,pk9a,PeL98,metastasin	1.91E-33	8.12477
BC021916	S100a11,cal,EMAPI,Emap1,S100c,S100a14,MGC107585	7.27E-23	2.62049
NM_009112	S100a10,42C,p10,p11,CAL12,CLP11,Cal1l,AA409961,AL024248	1.06E-20	2.66189
M98547	Ryk,Vik,ERK-3,AW536699	0.00003	1.89773
BM124643	Rybp,YEAF1,MGC62213,2410018J24Rik	0.00005	2.98003
AK007455	Rutbc3,Cip85,RUSC3,R75178,AI428557,BB175482,1810012I01Rik	0.00011	6.48365
D14636	Runx2,Cbf,LS3,AML3,Osf2,Cbfa1,Cbfa-1,PEBP2aA	0	16.54669
BB795285	Runx1,AML1,Cbfa2,Pebp2a2,Pebpa2b,AI462102	1.40E-45	26.25588
AW494299	Rufy3,Ripx,AW455998,AW538594,mKIAA0871	7.30E-07	2.69676
BB648600	Rtn4,ASY,NOGO,NSP-CL,AA407876,AA409940,	1.78E-21	3.62704

BF119714	Rrm2,R2,AA407299,MGC113712	7.63E-08	16.28626
AK019964	Rrbp1,p180,mRRp0,mRRp2,ES/130,mRRp10,	7.63E-06	2.1913
BE200500	Rras2,TC21,C86394,2610016H24Rik	1.57E-18	2.24929
NM_019662	Rrad,Rad,REM3	1.40E-45	71.51189
NM_011029	Rpsa,MLR,P40,Lamr,67kDa,Lamr1,P40-3,P40-8,Lamr1	0	2.01986
AA762498	Rps9,MGC4138,AL022771,AL022885,3010033P07Rik	0	4.92622
AA419672	Rps8,MGC107577	4.04E-09	1.57665
AI414989	Rps7,S7	2.02E-21	1.68239
AA103697	Rps6,MGC102571,MGC103209	0.00027	1.85303
AW108231	Rps3,Rs_3,D7ErtD795e	1.52E-24	1.71177
BM729504	Rps25,2810009D21Rik	7.07E-14	4.80211
BM119287	Rps24,MGC107549	1.93E-07	2.0079
NM_023133	Rps19,MGC107694	4.06E-09	2.54857
AW907444	Rps18,Ke-3,H-2Ke3,H2-Ke3	1.13E-20	1.66727
NM_013647	Rps16,AA420385,AI317031	2.80E-45	1.84263
NM_009091	Rps15,rig	6.08E-25	1.66772
BI900577	Rps10,MGC107635,2210402A09Rik	6.07E-19	1.69894
NM_009085	Rpo1-1,40kDa,RPA40,AA409007,AA959927,AL024089	1.94E-07	2.08626
NM_019642	Rpn2,Rpn-2,AV261018,1300012C06Rik	0.00009	1.75052
BB519934	Rpn1,Rpn-1,AU018702,D6Wsu137e	3.67E-08	1.6751
NM_012053	Rpl8	8.82E-08	1.5995
M85235	Rpl7,Rpl7a,Surf-3,MGC102113	0	1.84229
NM_011290	Rpl6,MGC117949,Taxreb107	0	1.66438
BI694945	Rpl41,1810055P16Rik	1.99E-08	4.23092
NM_025592	Rpl35,2410039E09Rik	1.67E-17	1.54684
NM_013762	Rpl3,F2,J1,MGC103388	0	2.80904
NM_009082	Rpl29,Rpl43,MGC107574,MGC107575,MGC107576	8.78E-08	1.57253
BG807647	Rpl27a,L27A,MGC66730,MGC107695	5.98E-10	1.54497
NM_009078	Rpl19	3.49E-19	1.59538
AU019414	Rpl18,L18,Rpl18a	0.00018	2.24683
BF453369	Rpl17,MGC103289,MGC118163	7.62E-21	6.4722
BE993872	Rpl14,L14,CTG-B33,AA407502,AL022816,CAG-ISL-7	2.06E-16	1.51951
BF146301	Rpl13a,MGC107571,Tstap198-7,tum-antigen,1810026N22Rik	9.68E-22	2.20092
AV139821	Rpl13,L13	1.77E-18	2.69026
NM_009076	Rpl12,MGC102182,MGC102573,E430018F03	0	1.68722
AK014593	Rpl11,2010203J19Rik	1.92E-40	1.94059
NM_052835	Rpl10,QM,QM16,D3Ucla2,D0HXS648,DXHXS648,	1.05E-15	1.53998
BB468437	Ror1,mRor1,Ntrkr1,2810404D04Rik	2.38E-08	2.79962
BB519382	Rod1,C86549,AA407443,AI462022,AW107884	4.32E-11	6.43544
BI662863	Rock1,Rock-I,1110055K06Rik	4.71E-06	1.57014
BB366379	Robo2,mKIAA1568,2600013A04Rik,9430089E08Rik,D230004I22Rik	0	13.61527
BG065230	Robo1,DUTT1,AW494633,AW742721	2.56E-36	7.67123
BG807990	Rnu65,MBII-351,snoRNA MBII-351	0.00002	2.37743
BQ177137	Rnu22,snoRNA U22,U22 snoRNA	0	3.24804
BC010331	Rnh1,RNH,C80305,AW546468	9.59E-10	2.14012
AV045658	Rnf4,AU018689	1.45E-08	1.93251
AK006888	Rnf38,Oip1,AA673263,1700065B19Rik,2610202O07Rik	0.0001	5.64276
AW540162	Rnf20,C79397,AW540162,KIAA4116,mKIAA4116,4833430L21Rik	0.00041	2.97398
AF120206	Rnf19,XYbp,UIP117,AA032313,Ubce7ip2	1.13E-07	2.75914
AV340072	Rnf180,3110001E11Rik	1.06E-09	5.37549
NM_013916	Rnf12,Ha1r,RLIM,AL022832,AW743871	0.00017	1.50481
BI150320	Rnf11	0.00003	1.66744
BC009002	Rnd3,Arhe,Rhoe,AI661404,2610017M01Rik	2.05E-16	6.27033
BG072837	Rkhd3,M-04814,mKIAA2009,4931439A04Rik	1.98E-12	6.27577
BI656279	Rkhd2,BM-013,BC035207	4.90E-07	1.65546
W91617	Rkhd1,BC059858,MGC69704	0.00068	2.09146
NM_009069	Rit1,Rit,RIBB,ROC1	8.46E-09	1.53494
AF477481	Ris2,Cdt1,C76791,AW545653,2610318F11Rik	0.00003	5.37958
NM_019955	Ripk3,Rip3,AW107945,2610528K09Rik	2.60E-10	4.15432
BC011277	Rin1	7.30E-13	6.71912
BC005633	Ric8,RIC-8,AI114950	3.28E-14	2.09698
AB076245	Rian,5530401N18Rik	6.83E-10	6.7414
BM210473	Rhox5,Pem,AA409564	0.00043	6.37418
AF309564	Rhoj,TCL,Arhj,TC10L,AW210585,1110005O19Rik	0.00016	2.34786
BM243660	Rhoh,Arhh,AU019774,5830400A04Rik	0.00006	3.81602
NM_019566	Rhog,Arhg,Sid10750	0.00051	2.5458

D89821	Rhod,Rho,Arhd,RhoM,RhoHP1,AI326383	5.14E-13	19.82994
NM_007484	Rhoc,Arh9,Arhc,AI324259	0.00018	5.34771
AK014194	Rhobtb1,AI173445,AI573858,MGC107538,1700008H16Rik,	1.79E-09	1.6502
AF215669	Rgs3,C2pa,RGS3S,PDZ-RGS3,C2PA-RGS3,4930506N09Rik	2.73E-23	11.77571
AV246932	Rgs2,GOS8	0.00045	2.65014
BB233670	Rgs19,GAIP,AI324841,AW547781,2610042F04Rik	0.00076	2.15343
U94828	Rgs16,Rgsr,Rgs14	2.29E-07	12.53129
AK004813	Rgs12,AI481290,E130309H11,1200016K18Rik,4632412M04Rik	8.97E-15	10.77657
NM_026418	Rgs10,MGC129414,2310010N19Rik	7.18E-06	3.02577
NM_015811	Rgs1,BL34	0.00055	3.7924
AV337680	Rgag4,Mart5,KIAA2001,mKIAA2001,6430402L03Rik	0.00096	1.80822
AV214521	Rg9mtd2,Rnmtd2,AA794508,MGC107421,MGC116571	7.24E-09	3.38349
BM238972	Rfxdc2,9930116O05Rik	2.13E-07	4.32101
BC027246	Rfwd3,BC027246,MGC27888	0.00068	1.60567
AK011489	Rfc5,36.5kDa,MGC113787,2610020K06Rik,2610209F07Rik	0.00024	2.50088
AK013095	Rfc3,38kDa,AU022547,2810416I22Rik	0.00022	2.13236
AK011349	Rest,NRSF,2610008J04Rik	0.00007	2.22809
BC026463	Rerg	0.00002	7.87355
NM_080726	Rem2,AW411893	0.00007	4.958
BB624483	Rem1,Rem,E030011C07Rik	4.41E-06	6.16609
BB414617	Reln,rl,reeleer	1.75E-10	1.8203
NM_009046	Relb	0.00005	3.71606
AB030503	Rdh11,Mdt1,Psd1,SCALD,Arsdr1	3.17E-09	4.9242
BG069583	Rdh10,AI875664,AW549993,D1Ertd762e,3110069K09Rik	7.00E-08	4.05081
AW543416	Rcor1,AU042633,D12Wsu95e,mKIAA0071,	0.00007	2.38112
BC025602	Rcn3,RLP49,MGC102610,D7Ertd671e	1.52E-20	2.95182
NM_011992	Rcn2,TCBP49,TCBP-49,AA408742	5.61E-13	1.84045
BB412039	Rcn1,Rcn	0.00029	5.92741
NM_009035	Rbpsuh,CBF1,RBP-J,RBPjk,Igkjrj,Igkrspb,AI843960	0.00033	1.69376
NM_011254	Rbp1,Crbp,CRBPI,Rbp-1	1.03E-21	5.7142
NM_009033	Rbmxt,Hnrpg,MGC102184	1.89E-11	1.79564
BM117447	Rbms3,MGC118437,6720477E09Rik	0.00075	3.56015
AA717264	Rbms1,YC1,MSSP-1,MSSP-2,MSSP-3,AI255215,2600014B10Rik	6.40E-09	1.92723
BG277926	Rbm9,Fxh,Fbm2,Hrnbp2,AA407676,AI118529,2810460A15Rik	2.76E-09	3.77909
NM_009032	Rbm4,lark,Mlark,4921506I22Rik	3.08E-07	1.85922
AK016057	Rbm34,6330444B11,D8Ertd233e,4930547K05Rik	0.00009	2.07561
AY052560	Rbm3,MGC118410,2600016C11Rik	3.83E-07	2.3335
BM228459	Rbm28,AI503051,MGC12075,MGC38664,2810480G15Rik	0.00011	1.588
BB776868	Rbm15b,1810017N16Rik	0.00053	2.28442
AV213382	Rbm14,p16,p16K,Sytip,1300007E16Rik	0.00041	1.67203
AV111031	Rbm13,AI314911,2600016B03Rik	8.16E-12	1.9268
BE553944	Rbm10,MGC7826,mKIAA0122,E430039K10Rik	4.96E-11	1.96149
BB167067	Rbbp8,CtIP,9930104E21Rik	0.00041	2.1706
AU040918	Rbbp4,mRbAp48	6.13E-07	3.07002
NM_009029	Rb1,Rb,pRb,Rb-1	0.00019	1.92577
NM_025886	Rassf7,AW210608,2400009B11Rik	3.47E-14	7.9875
BB385028	Rassf1,123F2,RDA32,NORE2A,REH3P21	0.00036	2.9237
BC008101	Rasl11b,MGC103217,1190017B18Rik	8.18E-06	2.52112
BB523168	Rasal2,6530401P13,A330066M24Rik	0.00004	2.8319
NM_009025	Rasa3,C86362,GAPIII,AI326412,E130011G04	0.00037	2.79283
NM_053268	Rasa2,GAP1m,AA517451,AU023900,5430433H21Rik	0.00032	2.24902
AA124924	Rasa1,Gap,Rasa,RasGAP,MGC7759	1.59E-14	1.90216
BI328146	Rarres2,AI303516,0610007L05Rik	1.97E-09	3.2147
BB035017	Rarres1,AI662122,5430417P09Rik	6.66E-09	7.48952
AV307311	Raph1,9430025M21Rik,C730009O10Rik	2.28E-14	2.25161
BM250883	Rapgef6,Ragef2,Pdzgef2,AI844632,	4.10E-10	1.8835
BM230524	Rapgef5,GFR,Mrgef,C86120,mmr-gef,	0.00083	4.34516
AK004874	Rapgef4,Epac2,KIAA4040,mKIAA4040,	1.38E-13	3.26167
NM_016759	Rap2ip,Rpip8	0.00022	6.54502
BC025198	Rap2a,5830461H18Rik	0.00035	1.87546
BM246972	Rap1b,2810443E11Rik	2.06E-20	1.66238
BB211023	Ranbp3,AA408221,2610024N24Rik	0.00091	2.3688
L25255	Ranbp1,Htf9a	0.00087	1.65027
AV116470	Ran	2.76E-06	1.53079
NM_019511	Ramp3,AI850306	3.77E-12	7.41941
BF681826	Ralgs1,RALGEF2,AI853783	2.01E-10	2.62479

BB465250	Ralb,5730472O18Rik	0.00001	2.06866
NM_030690	Rai14,Norpeg,mKIAA1334,Ankyrcorbin,	1.24E-41	4.25037
BC011120	Rad18,Rad18sc,2810024C04Rik	0.00004	3.0919
NM_012025	Racgap1,gtl11,Band25,GTPase,	4.04E-06	10.29167
AW549708	Rabif,MSS4,RASGFR3,AI842864,AW549708,E130318E12Rik	0.00013	1.57043
BB259371	Rabep2,Fra,MGC8300,AI462746,2610011A08Rik	1.20E-14	2.71246
BC022119	Rab6ip1,ORF37,AJ245569,AW496491,mKIAA1091,1500012B19Rik	3.53E-12	1.89595
BC007147	Rab4b,1500031G17Rik	0.00065	2.12646
AF425643	Rab40b,rar,SEC4L	0.00004	4.73894
BB032142	Rab3gap2,AI851069,AW743433,mKIAA0839,	4.78E-06	2.37096
AV364767	Rab38,cht,AU043391,MGC107581,2310011F14Rik	2.10E-09	4.34871
AF327929	Rab34,Rah,Rah1,AI326479	2.38E-18	2.48447
NM_026405	Rab32,AU022057,2810011A17Rik	0.00005	2.7874
NM_133685	Rab31,AI415285,1700093E07Rik	1.70E-20	5.88177
BB121269	Rab27b,2310021G14Rik	2.49E-23	12.62207
NM_008999	Rab23,opb,opb2,AW545388	0.0007	2.60055
NM_134050	Rab15,AI840042,2310012G06Rik	0.00005	5.11065
BM207947	Rab14,AI314285,AI649155,0610030G24Rik	6.38E-07	1.66928
BC027214	Rab13,0610007N03Rik,B230212B15Rik	0.00003	1.83466
AW108405	Rab1,Gtbp,Ypt1,Rab-1,Rab1A,mKIAA3012	1.09E-19	1.53063
BM208579	R3hdm1,R3hdm	0.00003	1.79023
BM237031	Qscn611,SOXN,QSOX2,BC030934,MGC31729	0.00004	2.23024
AK004486	Pygo2,1190004M21Rik	3.07E-06	1.69806
BB530368	Pxn,AW108311,AW123232	3.62E-07	1.67738
NM_021495	Pvri3,AA407785,AU016832,AW538082,	4.71E-12	4.21911
BB049138	Pvr,PVS,mE4,HVED,Taa1,CD155,Tage4,necl-5,	2.46E-13	10.39174
BM220305	Purb,Cager-2,AA114818,D11Bwg0414e,2310015K15Rik	6.47E-24	2.9097
BB314559	Pum1,Pumm,AA517475,mKIAA0099	0.00096	1.70625
BB498753	Pttg1ip,C79540,AI314311,AU018448,MGC36923,1810010L20Rik	8.81E-08	2.15645
AF069051	Pttg1,PTTG,Pttg3,C87862,Securin,AW555095	1.76E-09	3.2083
NM_007955	Ptprv,Esp,OST,OST-PTP,mOST-PTP	0.00031	4.38006
D88187	Ptpru,PTP,Ptpri,RPTPlambda	0.00001	3.07868
AF129509	Ptpr, Gmcp1,PTP-SL,PTPBR7,mPTP213	1.23E-33	4.58645
BB667296	Ptprk,AI853699	7.18E-08	4.18836
AI596632	Ptprg,AW046354,AW549872	2.64E-16	2.41125
BF235516	Ptprf,LAR,LARS,AA591035	0.00002	5.93751
U35368	Ptpre,PTPe,PTPepsilon	1.35E-39	10.13924
BC025145	Ptprd,MGC36851,MGC113757,1110002J03Rik	1.21E-20	4.00105
AF332082	Ptpra,Ptpa,PTP[a],RPTR[a],PTPalpha,MGC118095,RPTRalpha	3.64E-12	2.33935
BB224063	Ptpn9,MEG2	4.60E-18	3.82879
AW987375	Ptpn21,PTPD1,PTPRL10,MGC107492	5.96E-06	2.97883
BG076152	Ptpn2,Ptpt,TC-PTP,AI325124	0.00056	2.78044
BM236743	Ptpn13,RIP,Ptpri,PTP-BL,AI324989	0.00082	12.54233
AV117227	Ptpn12,PTPG1,P19-PTP,PTP-P19,PTP-PEST	2.02E-25	2.93731
BC010191	Ptpn1,PTP1B,PTP-1B	6.87E-16	1.54339
BC002064	Ptn,OSF,HARP,HBBN,HBNF,Osfl,Osfl-1,HB-GAM,HBGF-8	9.75E-10	14.7917
BF787570	Ptma,Thym,MGC102090,MGC103390	3.04E-11	2.3604
BI662615	Ptk9,A6,twf1,twinfilin	0.00014	2.57694
AK018379	Ptk7,mPTK7/CCK4,8430404F20Rik	0.00002	4.34791
AV026976	Ptk2b,A6,PKB,PTK,CAKB,FAK2,PYK2,CADTK,Raftk,	0.00004	2.75881
M94967	Ptgs2,COX2,Cox-2,PHS-2,Pghs2,TIS10,PGHS-2	2.44E-41	77.71135
BB520073	Ptgs1,COX1,Cox-1,Cox-3,Pghs1	5.29E-17	5.59524
NM_008968	Ptgis,Cyp8,Pgi2,Pgis,Ptgi,Cyp8a1	0	4.95242
AV253087	Ptgrm,FPRP,CD9P-1,Trim45,AU042434,4833445A08Rik	2.31E-12	2.75367
BC003708	Ptges3,Tepp,Ptges,cPGES,sid3177,5730442A20Rik	9.81E-06	1.64426
BC011193	Ptger4,EP4,Ptgerp4	3.00E-25	6.9793
BC005440	Ptger2,EP2,Ptgerp2	4.08E-28	8.81261
BI076831	Pten,TEP1,MMAC1,AI463227,2310035O07Rik,A130070J02Rik	4.50E-06	2.03428
BB526117	Ptdss1,PSS-1,AU044268,AW539008,mKIAA0024	3.85E-09	2.10852
NM_008958	Ptch2,ptc2	0.00056	2.34012
BG071079	Ptch1,Ptc,mes,Ptc1,Ptch,A230106A15Rik	0	13.77366
BM195033	Ptbp2,Ptb2,nPTB,brPTB	0.00096	2.02689
BC007472	Ptbp1,Ptb,PTB2,PTB3,PTB4,pPTB,HNRPI,PTB-1,AA407203	7.57E-09	2.65181
U87814	Pstpip1,def-2	5.73E-07	13.06034
BG075935	Psrc2,BC033596	0.00021	1.77454
BB200981	Psme4,TEMO,AA409398,AU041366,KIAA0077,mKIAA0077	0.00036	2.67866

BC006869	Psm6,240006A19Rik	3.87E-08	1.94228
BM730602	Psm10,AW554874	8.03E-40	2.05209
BC010709	Psm5,ZETA,MGC102091,MGC118067	2.69E-22	1.78716
AK016645	Pscd3,Grp1,AI648983,KIAA4241,mKIAA4241	1.73E-06	4.72157
AK019971	Prrx2,S8,Prx2	0	37.55583
BB246540	Prpsap2,MGC36957,MGC118451,A230054F23Rik	8.64E-10	1.92791
BC024942	Prps2,Prps-2,AA589463,AI464149,MGC28388,2610101M19Rik	0.00032	2.78611
BE994433	Prox1,A230003G05Rik	7.95E-06	3.619
Z25469	Pros1,AW214361	1.44E-17	3.98589
NM_011171	Procr,Ccca,EPCR,AI325044	2.17E-20	4.30583
BB823350	Prkg2,CGKII,Prkgr2,AW212535	3.09E-06	4.48181
BF160591	Prkcn,MGC47171,4930557O20Rik,5730497N19Rik	0.00002	2.0836
AV297026	Prkcm,PKD,Pkcm	3.79E-08	2.08754
NM_008857	Prkci,Pkci,Pkcl,Prkcl,AI427505,KIAA4165,mKIAA4165,	0.00002	1.68841
AF251036	Prkcd,Pkcd,PKC[d],AI385711,PKCdelta,D14Ert420e	7.00E-09	3.05135
BB523906	Prkcbp1,RACK7,ZMYND8,AI316811,AL024039,MGC25852,	2.97E-06	1.93249
BB274009	Prkar1b,Rlbeta,AI385716	1.08E-07	3.83669
BC005697	Prkar1a,Tse1,Tse-1,Rlalpha,1300018C22Rik	6.82E-19	5.87396
AV024339	Prkacb,Pkacb	1.42E-06	1.82489
BM236715	Prkaa1,AI194361,AI450832,AL024255,C130083N04Rik	1.56E-17	2.41312
NM_008922	Prim2,AI323589	0.00002	3.38441
BQ177191	Prickle2,6230400G14Rik,6720451F06Rik	2.50E-08	3.91823
BC022643	Prickle1,Prickle,AW215793,1110058P22Rik	7.14E-10	3.68254
BB005298	Prepl,MGC7980,mKIAA0436,2810457N15Rik,	6.98E-33	4.64029
NM_016764	Prdx4,TRANK,AOE372	0.00041	1.96278
AK018310	Prdm5,PFM2,4432417F03Rik,6530401I24Rik,E130112L17Rik	9.73E-13	3.45546
NM_007548	Prdm1,Blimp1,Blimp-1,PRDI-BF1,ZNFPR1A1	0.00002	3.18662
AK011112	Prpc,PCP,HUMPCP,AI451719,2510048K03Rik,2610104A14Rik	6.79E-15	7.54849
BC005475	Prc1,MGC6745,D7Ert348e	8.67E-06	7.14063
NM_138602	Praf2,JM4,Sfc20,C78013,AA986329,DXImx39e	0.00003	6.5612
NM_022811	Praf1,53kDa,Paf53,AU042259,D030019D19Rik	0.00006	3.33608
BC025220	Pqlc3,C78076,E030024M05Rik	0.00012	1.96525
AF326558	Ppt1,PPT,CLN1,INCL,C77813,AA960502,	3.51E-06	4.56164
BC026489	Ppp4r1,Pp4r1,MGC31567,3110001J10Rik	3.34E-08	1.98578
BB698189	Ppp3r1,Cnb1,MCIP1	3.87E-06	5.57478
BE986849	Ppp1r14b,Png,PHI-1,AOM172,PLCB3N	2.02E-09	2.95724
NM_026731	Ppp1r14a,Cpi17,1110001M11Rik	6.46E-11	3.2516
BB826954	Ppp1r13l,wa3,Nkip1	0.00086	3.55644
BI653999	Ppp1r12a,Mypt1,AA792106,AV099298,D10Ert625e,	6.34E-10	1.94076
BC014867	Ppme1,Pme1,1110069N17Rik,2700017M01Rik	0.00024	1.59456
BB379585	Ppm1f,CaMKPase,MGC25978,mKIAA0015,	0.00098	1.6199
C85630	Ppm1a,MMPa-2,MPPa-1,AI427932,AU017636,	0.00001	3.02279
NM_008908	Ppic,CyP-20c	0.00004	2.13489
AV233043	Ppib,Cphn2,Cphn-2,CyP-20b,AA408962,AA553318,AI844835	0.00064	3.3203
NM_008907	Ppia,Cphn,CypA,CyP-18,2700098C05	3.67E-41	1.72378
BB770905	Pphl1,HSPC206,HSPC232,MGC27795,1110063K05Rik,	2.28E-13	2.24811
NM_008906	Ppgb,PPCA,AU019505	0.00008	1.8644
AW550306	Ppfibp1,AW214454,AW261454,4632409B19Rik	0.00039	3.04049
AK003571	Ppfia4,C81506,AI448359,AI852265,1110008G13Rik	8.05E-17	10.82458
BE635000	Ppapdc1,AW045471,1810019D05Rik,2310022A04Rik	5.61E-12	2.35541
NM_008903	Ppap2a,LPP1,mPAP,Hic53,LPP-1,Hpic53	0.00016	1.5663
BI110565	Postn,PN,Osf2,peri,OSF-2,AI747096,Periostin	0.00058	3.90826
NM_026190	Polr3g,RPC7,RPC32,AV275904,2310047G20Rik	0.00006	3.64469
AK003596	Poldip3,C77954,PDIP46,AA408269	0.00068	1.63994
AK010477	Pold4,p12,POLDS,AI463381,AW060307,2410012M21Rik	0.00012	2.22478
NM_008892	Pola1,Pola,AW321876	0.00014	2.3987
NM_008890	Pnmt,Pent	0.00008	42.77624
NM_021451	Pmaip1,Noxa	0	27.35827
BC019530	Plxnd1,6230425C21Rik	0.00079	2.0503
NM_138749	Plxnb2,Debt,mKIAA0315,1110007H23Rik	1.01E-28	14.7179
BM119522	Plxnb1,AU042020,mKIAA0407,2900002G15Rik	0.00003	2.52713
BB085537	Plxna2,OCT,Plxn2,AA589422,AW457381,mKIAA0463	1.17E-08	2.7852
NM_032398	Plvap,PV-1,MECA32	0.00032	4.5302
BF319989	Plscr1,NOR1,TRA1,Tras1,Tras2,MmTRA1a,MmTRA1b	0.00005	4.94935
BC005459	Pls3,AI115446,AL024105,T-fimbrin	2.76E-09	2.16256
AK012816	Plp2,mIIMA4,MGC102445,MGC103126	2.23E-08	2.48537

BC021352	Plod2,LH2,Plod-2,D530025C14Rik	9.55E-27	11.29786
BB706079	Plk4,Sak,Stk18,AI385771,1700028H20	0.00052	6.66709
NM_023320	Plekho1,Jza2,Ckip1,JZA-20,2810052M02Rik	1.09E-12	8.91792
AW122265	Plekh2,AI256725,mKIAA2028,E030001K05	0	11.79915
BB499987	Plekh1,C77772,AV308913,mKIAA1200,D630024D12Rik	1.16E-13	10.89983
NM_138752	Plekhg2,Cig,Cslg,AI194308	0.00021	2.50886
BG073502	Plekhg1,mKIAA1209,D10Erd733e	1.77E-09	2.87738
BF159528	Plekha7,AI414265,MGC90927,A430081P20Rik	0.00023	2.82829
BB780848	Plekha3,FAPP1	2.15E-08	2.92359
BM238642	Plekha1,TAPP1,AA960558,C920009D07Rik	8.13E-08	2.72513
AF181829	Plek,2010300B13Rik	7.74E-06	3.72602
NM_011116	Pld3,Sam-9	0.00088	2.0342
BM228590	Pld1,Pld1a,Pld1b,C85393,AA536939	0.00009	2.28741
AK011892	Plcd3,mKIAA1964,2610205J15Rik	5.11E-06	6.66903
NM_008872	Plat,tPA,t-PA,AU020998,AW212668,D8Erd2e,MGC18508	4.34E-08	4.53789
AF147785	Plagl1,Lot1,Zac1	0.0008	2.77447
AF263458	Plac8,C15,D5Wsu111e	0.00005	10.71231
BM198417	Plaa,PLAP,AI536418,AU018445,AW208417	0.00047	1.70843
NM_008869	Pla2g4a,cPLA2,Pla2g4	3.69E-26	8.80003
AV286396	Pkp4,Armp,p0071,MGC100358,MGC105166,	2.36E-07	2.09032
NM_019645	Pkp1,AI528551	2.04E-11	14.78539
AW539022	Pknox1,PREP1,D17Wsu76e	5.60E-07	3.24235
AV209892	Pkig,PKIgamma	5.39E-35	3.54057
AV113735	Pkd2l2	7.47E-10	2.23211
BB249222	Pkd2,C030034P18Rik	3.26E-11	1.92573
NM_011097	Pitx1,Bft,Potx,Ptx1,P-OTX	1.74E-07	14.16231
BB095454	Pitpnm1,Rd9,RdgB,DRES9,mpt-1,Pitpnm,R75447	8.54E-07	3.92221
BG975479	Pitpnb,AI256223,AU040890	2.81E-10	21.27982
BB504983	Pisd,9030221M09Rik	1.60E-06	2.17897
AK012196	Pip5k2a,AW742916	2.35E-07	5.47356
NM_008847	Pip5k1b,Pip5b	1.36E-06	2.02737
BB775785	Pilra,FDFO3,AV021745	0.00006	2.37814
BC017537	Pik3r4,C85833,D9Erd418e,2210010O15Rik,C730038E05Rik	5.54E-08	2.01496
AA414954	Pik3r3,p55pik,AA414954	5.33E-13	4.16657
NM_011822	Pigq,Gpi1,Gpih,Gpi1h,Gpi1p	0.00023	2.21077
BC011470	Picalm,CALM,CLTH,fit1,fit-1,PAP180,KIAA4114,	1.42E-35	1.69003
BI156474	Pi4k2b,2610042N09Rik,4933409G22Rik	0.00003	4.3469
BB124449	Phf1,Phft,Phf,AU041898,AW049785	0.00006	5.03194
BB156822	Phr1,Pam,R75243,AU023734,AW107953,	0.00076	2.18028
AV253284	Phldb2,LL5b,LL5beta,AV253284,C820004H04Rik	2.38E-20	4.54136
NM_009344	Phlda1,Tdag,TDAG51,DT1P1B11	1.44E-18	4.57259
BF147362	Phf6,mKIAA1823,2700007B13Rik,4931428F02Rik	0.00004	1.58582
AV011460	Phf23,JUNE-1,2410141M05Rik,RP23-172M21.13	1.65E-16	2.02188
AV349060	Phf20l1,CGI-72,E130113K22Rik	3.96E-09	1.87971
BB036856	Phf14,AA623952,AV297001,KIAA0783,	0.00001	2.569
BB334118	Phc2,Edr2,Mph2,AA415044,D4Erd810e,D130050K19Rik	2.22E-24	2.48417
AI574180	Pgrmc1,PPMR,Vema,HPR6.6,AA415812	7.06E-10	1.50891
BG967597	Pgm5,4833423B07,D830025G17,9530034F03Rik	0	5.89975
AK013402	Pgm3,PAGM,Pgm-3,C77933,BB187688,2810473H05Rik	0.00014	5.17432
BI107300	Pggt1b,BGG1,GGT1,AI451237,AI551093,2610100E13,	0.00006	1.77853
NM_008827	Pgf,Plgf,AI854365	8.66E-17	28.76818
BC014793	Pgd,C78335,AU019875,0610042A05Rik	2.88E-07	1.55602
BI407347	Pgam1,Pgam-1,MGC102422,MGC118049,2310050F24Rik	1.90E-10	2.2039
AI327038	Pftk1,mKIAA0834	0.00002	1.74976
BB076574	Pfkip,PFK-C,1200015H23Rik,9330125N24Rik	0.00032	7.72026
AB003040	Peg3,Pw1,End4,Gcap4,Zfp102,AL022617,mKIAA0287	3.06E-11	4.86193
BC004608	Pdzk11,AI854765,1810012H22Rik,2310079D11Rik,	4.55E-06	1.54926
NM_010329	Pdnp,T1a,Gp38,OTS-8,PA2.26,T1alpha	9.87E-06	2.67186
NM_019808	Pdim5,Enh,LIM,Enh1,Enh2,Enh3,C87059,AI987914,1110001A05Rik	0.00046	1.71398
NM_019417	Pdim4,Ril	3.45E-12	6.16388
BC024556	Pdim2,Slim,MGC37634,mystique	4.67E-06	2.64317
AV013697	Pdim1,Clim1	0.00028	5.8359
AV086243	Pdk3,MGC6383,AI035637,2610001M10Rik	2.06E-28	6.86866
BC006865	Pdia6,P5,CaBP5,C77895,Txndc7,AL023058,1700015E05Rik	4.28E-20	3.1463
J05186	Pdia4,Cai,Erp72,AI987846	0.00006	3.68607
BF319868	Pdia3,Erp,PDI,Plca,58kDa,ERp57,ERp60,ERp61	6.37E-11	2.91264

AK004179	Pdgfrl,AV013190,1110039P19Rik	2.29E-07	3.56323
NM_008809	Pdgfrb,Pdgfr,CD140b,AI528809	9.89E-21	6.25972
AW537708	Pdgfra,CD140a,Pdgfr-2,AI115593	5.68E-20	8.64307
NM_019971	Pdgfc,AI647969,1110064L01Rik	0.00002	2.39877
BB384086	Pde1c	1.54E-06	2.68489
NM_008800	Pde1b,63kDa,Pde1b1	4.91E-08	8.63971
NM_016744	Pde1a,AI987702,AW125737,MGC116577	8.38E-11	3.58108
BQ180352	Pde10a	0.00025	4.86941
AK004704	Pdcl,AW108059,1200011E13Rik	1.87E-06	1.61327
AK003899	Pdcd11,ALG-4,Pdcd7,mKIAA0185,1110021I22Rik	0.00007	2.25685
BB241731	Pcsk5,PC6,SPC6	1.37E-25	5.44212
BC010343	Pcna	2.49E-18	2.34101
BC010318	Pck2,1810010O14Rik,9130022B02Rik	0.00026	2.51033
BB731207	Pcdhgb1,MGC101993	4.50E-11	3.31569
NM_053134	Pcdhb9,Pcdhbl,Pcdhb4C	3.08E-44	14.52761
NM_053132	Pcdhb7,PcdhbG,Pcdhb4B	3.87E-12	3.00152
NM_053128	Pcdhb3,PcdhbC	1.05E-27	10.14614
AV336932	Pcdhb22,PcdhbV,Pcdhb15	1.92E-06	3.91957
NM_053142	Pcdhb17,PcdhbQ,Pcdhb16,mKIAA1621	0.00016	2.01005
BB027682	Pcdhb16,Pcdhb8,PcdhbP	0.00005	6.08606
NM_053135	Pcdhb10,PcdhbJ,Pcdhb5D	0.00006	3.04455
NM_054072	Pcdha1,CNR,MGC90628	4.84E-11	5.87428
BB197591	Pcdh7	0	7.2951
BQ176938	Pcdh17,Gm78,C030033F14Rik	3.85E-06	5.61328
AV225493	Pcdh12,Pcdh14,VE-cad-2	0.00005	3.09223
NM_025273	Pcbd1,Dcoh,Pcbd	4.83E-08	7.51131
NM_016768	Pbx3	5.12E-08	2.57845
NM_023209	Pbk,TPK,AW538537,D14Ert732e,2810434B10Rik	1.71E-06	4.92629
BB398886	Pawr,PAR4,Par-4	4.37E-14	4.03009
NM_020606	Parva,Actp,Parvin,AI225929,AU042898,CH-ILKBP	5.35E-08	13.39344
AF072521	Parp2,Adprt2,C78626,PARP-2,Adprt2,AspartI2	0.0001	1.9866
AW539044	Pard6g,Par6a,2410049N21Rik	2.80E-11	3.57072
BC022922	Paqr7,mPR,Mpra,PGLP,AV001994,BB007237,2310021M12Rik	0.00055	1.98029
BB279185	Paqr4,1500004C10Rik	0.00065	2.83372
NM_011863	Papss1,SK1,Asapk,AI325286	0.00012	1.8896
AF439513	Pappa,PAG1,PAPP-A,IGFBP-4ase,8430414N03Rik	7.34E-06	25.23813
NM_019482	Panx1,AI847747	8.00E-15	3.82967
AK016755	Pank2,AI642621,MGC118448,4933409I19Rik	9.46E-06	2.20938
NM_023245	Palmd,PALML,4631423C22Rik	9.60E-15	2.57862
BB424787	Palld,6030492A02,2410003B16Rik	0.00059	3.98673
BB468082	Pak3,Stk4,mPAK-3,Pak65beta,Pak65alpha	2.94E-07	8.62663
NM_008776	Pafah1b3,Pafahg,mus[g]	1.45E-06	4.01176
BB539054	Pafah1b2,Pafahb,mus[b],AI747451,AU021353	4.06E-11	3.12076
BE688382	Pafah1b1,Lis1,Mdsh,LIS-1,Ms10u,Pafaha,MMS10-U,MGC25297	5.40E-08	1.8844
NM_011862	Pacsin2,AI197433	5.99E-27	1.84407
AV028400	Pabpn1,PAB2,Pabp3,mPABII	0	2.61426
NM_008774	Pabpc1,PABP,Pabp1,Pabpl,Pabpl1	1.57E-17	2.19354
BM232513	P4hb,PDI,Thbp,ERp59	1.81E-08	2.36609
BB526042	P4ha3,RIKEN cDNA D930031A02 gene,1446951_at	0.00002	4.36676
AI314028	P4ha1,P4ha,AL022634	1.67E-07	1.97454
AF177211	P2ry14,P2Y14,Gpr105,A330108O13Rik	6.89E-08	3.4905
BM124050	P2rx7,AI467586	0.00003	3.24305
NM_130880	Otud7,AJ430384	0.00045	5.62151
BB530087	Otud1,4933428L19Rik	0.00009	1.84081
NM_013624	Otog,twt,Otgn,4932420K09	1.79E-10	8.6782
AB015978	Osmr,OSMRB	0.00003	6.64389
AB074008	Osbpl5,ORP5,Obph1,Osbp2,AI462538,1110006M06Rik	1.60E-07	2.96492
AK004768	Osbpl3,ORP3,OSBP3,MGC102333,	0	18.11673
BC002146	Ormdl2,0610012C09Rik	2.04E-06	1.77756
NM_019716	Orc6l,Orc6,MGC91038,6720420I10Rik	0.00055	2.38819
BB830976	Orc2l,Orc2,AU041563	0.00072	1.56985
NM_010098	Opn3,ERO,Ecpn,MGC124138	0.00042	2.69502
BI134110	Ophn1,MGC6513,C130037N19Rik	1.93E-07	2.13462
NM_133859	Olfml3,AI115209,AW550633,HNOEL-iso,2810002E22Rik	4.43E-24	5.60177
BC025654	Olfml2b,AI467542,1110018N05Rik,4832415H08Rik	3.36E-06	3.89531
AW489058	Olfml2a,FLJ00237,mFLJ00237,4932431K08Rik	8.30E-09	6.4817

BE952082	Olfm1,AMY,Noe1,OlfA,AW742568,Pancortin,Pancortin3	0.00012	8.05049
BB542051	Ogn,OG,OIF,SLRR3A,mimecan,mimican,3110079A16Rik	0.0001	1.99618
BM118129	Odz3,Odz1,Ten-m3,mKIAA1455,2610100B16Rik	5.47E-28	4.77513
AV209966	Odf1	5.79E-14	11.43999
C81193	Odc1,ODC,MGC103389	0.00066	1.91395
AV000765	Obfc1,AI413458,0610009H20Rik,2310057J23Rik	1.47E-12	3.46667
BC025020	Oact2,AU022889,AW547221,2810049G06Rik	9.36E-09	6.78057
AV366860	Oact1,Mboat1,BC023845,MGC38410,RP23-195A2.1,9130215M02Rik	1.44E-07	8.35792
BC005594	Nxf1,Tap,Mvb1,Mex67	5.20E-08	1.87598
AI413460	Nvl,1200009I24Rik	0.0005	2.63164
BC009096	Nusap1,LNP,ANKT,SAPL,BM037,NuSAP,Q0310,	0.00014	4.5583
NM_019738	Nupr1,p8,Com1,2310032H04Rik	2.05E-10	2.27908
BC023140	Nup93,2410008G02Rik	2.85E-07	2.74863
NM_053074	Nup62,p62,Nupc1,AA589433,AI426861,AI790512,	8.51E-07	1.78268
BC004655	Nup107,C76801,AW541137	0.00004	3.47018
BC004571	Nudt5	0.00018	2.03849
BC008270	Nudt21,25kDa,Cpsf5,AU014860,AW549947	3.19E-13	1.50914
BC025444	Nudt14,1110030M18Rik	3.94E-06	2.92295
BC005646	Nudcd2,D11ErtD603e,2700047N05Rik,RP23-382C18.4	0.00007	1.54466
AW542236	Nudcd1,Cml66,CML66-L,AA407246	5.48E-06	2.64191
NM_011955	Nubp1	0.00001	2.93742
BF021001	Nuak1,AU014801,AW494241,MGC90816,B230104P22Rik	2.17E-18	3.83203
BF462856	Nt5e,NT,Nt5,eNT,CD73,AI447961,2210401F01Rik	0.00079	3.83213
BC006028	Nt5c2,GMP,NT5B,PNT5,cN-II,2010002I23Rik	4.64E-08	2.89956
NM_015807	Nt5c,Dnt,Dnt1,Umph2,Umph-2	1.73E-09	2.28998
AV248094	Nsg1,p21,m234,Neep21	3.76E-13	4.92021
BM945177	Nsd1,AI528500	1.02E-20	1.69048
BB132137	Nrxn3,6332407J11,D12Bwg0831e,4933401A11Rik,9330112C09Rik	0.00007	3.50618
NM_134122	Nrm,AI429796	0.00021	4.45042
AK012873	Nrk,Nesk,AA407323,AA409510,AI225895,AV168563,AW538185	1.66E-20	16.55042
AV318914	Nrg1,GGF,HRG,Hgl,NDF,ARIA,S MDF	1.71E-27	14.62437
BB149299	Nrf1,C87038,D6ErtD415e	0.0001	2.97543
BB018528	Nras,N-ras,AV095280	1.80E-09	2.91044
AV120130	Nradd,NRDD,PLAIDD,BB104149,2610311B09Rik	2.31E-09	7.35313
BB703394	Nr4a2,NOT,HZF-3,Nurr1,RNR-1,TINOR,TINUR	1.69E-13	2.54467
NM_010151	Nr2f1,EAR3,SVP44,ErbaI3,COUPTFA,	1.11E-09	2.7877
NM_009108	Nr1h4,Fxr,HRR1,RIP14,Rxrip14,AI957360	0.0002	3.75719
BG080055	Npr3,Igj,stri,NPR-C	0.00003	4.39151
AA223007	Npnt,Nctn,POEM,AA682063,AI314031,1110009H02Rik	0	14.55509
BB037433	Npn2,HT/02	0.00019	3.31588
AK005498	Npm1,B23,NO38,MGC102162,MGC107291	8.31E-14	1.8458
NM_008721	Npdc1,NPDC-1,AI314472	0.00012	1.53834
BC007190	Npc2,HE1,AA408070,AU045843,2700012J19Rik	4.27E-12	2.26108
BB769209	Npc1,spm,lcsd,C85354,nmf164,D18ErtD139e	0.00002	2.06986
BG070037	Npas2,MOP4,MGC129355	0.00078	4.01756
M11024	Notch4,Int3,Int-3	0.0001	4.75856
NM_023144	Nono,nonA,NRB54,P54NRB,AA407051,AV149256,MGC103109	4.20E-12	2.09648
BC024944	Nola2,Nhp2,D11ErtD175e,2410130M07Rik	2.88E-08	1.64644
BB729616	Nol5,SIK,MSSP,MGC105209	4.10E-11	2.13048
AV338483	Nol4,Gm1262,1700013J13Rik,4930568N03Rik	0.00034	6.21541
BG071110	Nol10,Gm67,MGC113734	0.00007	1.74133
NM_008711	Nog	0.00046	8.15531
AV167182	Nmt2,hNMT-2,AI605445,A930001K02Rik	0.00011	2.98384
NM_138314	Nme7,Nm23-M7,Nm23-r7,D530024H21Rik	0.00049	1.81452
BC005629	Nme1,NM23A,AL024257	9.44E-27	3.58818
BC016224	Nln,C79345,4930472G13Rik	0.00071	2.24038
BC019952	Nkd2,AW212591,2210403L10Rik	4.35E-06	8.6301
AY032852	Nisch,I-1,AW494485,1200007D05Rik,3202002H23Rik	5.08E-13	1.91144
NM_025623	Nipsnap3a,Nipsnap3b,2700063N13Rik	0.00001	2.22977
AV239190	Nipa2,AB041581,2600017P10Rik,3830408P04Rik	0.00008	1.86143
BC003972	Nip7,AA408773,1110017C15Rik	4.39E-14	1.56543
BB252065	Ninj1,AU024536	8.74E-14	1.83097
BB781435	Nid2,Ly111,NID-2,AW547149,nidogen-2,entactin-2	1.05E-08	4.26953
X14480	Nid1,Nid,entactin,nidogen-1,A630025O17,entactin-1	2.39E-06	3.61204
AK002650	Nhlrc2,AV002846,1200003G01Rik	0.00015	2.34832
BI407690	Ngfrap1,Bex3,Nade,AL033356,DXWsu67e	0.00049	3.57099

D78642	Nfya,Cbf-b,SEZ10,SEZ-10,AA407810	0.00003	2.24012
BM240058	Nfkbiz,INAP,Mail,AA408868	1.21E-09	6.35054
L28118	Nfkb1,p50,p105,NF-KB1,p50/p105,NF-kappaB,NF-kappaB1	1.15E-25	2.27686
BB488160	Nfat5,CAG-8,CAG80,nfat5,NFATL1,TonEBP	0.00005	1.97543
AI561892	Nespas,Gnas-as	0.00059	8.6739
AI413223	Nes,C78523,ESTM46,AA166324	0	31.29144
BB266960	Nelf	2.09E-06	10.27498
BB311061	Nelf	5.42E-17	2.24712
NM_021605	Nek7,AU020186	4.25E-14	1.56163
C77054	Nek2,C77054,AA617254	0.00016	4.31591
BB535494	Nedd9,E230025G09Rik	7.28E-12	3.12381
NM_010890	Nedd4,Nedd4a,Nedd4-1	0.00016	1.53432
BB829652	Nedd1	0.00081	1.56363
BM121794	Nebi,Lnebl,1200007O21Rik,A630080F05Rik	0.00008	2.83217
AI837704	Ndrq4,Ndr4,R74996,SMAP-8,MGC7067,Ndr1-rs,D8Bwg1337e	8.75E-14	8.60894
BM233196	Ncoa6ip,Pimt,D4ErtD800e	0.0006	1.63661
BM238906	Nckap1l,Hemp1,AI463083,4930568P13Rik	2.67E-06	9.56366
BE948993	Nck2,Grb4,NCKbeta	4.59E-23	4.37132
NM_008677	Ncf4,p40phox,AI451400	0.00013	3.20936
BE285362	Ncbp2,20kDa,C79367,AA536802,AI843301,5930413E18Rik	0.00002	1.70285
BM201198	Ncam1,CD56,Ncam,E-NCAM,NCAM-1	0	22.33178
BG071381	Ncald,AI848120,D15ErtD412e,D030020D09Rik	0.00086	1.68687
BB728878	Nbr1,mKIAA0049	0.00035	2.03527
BB022773	Nbeal1,ALS2CR17,A530050O19Rik,A530083I02Rik	0.00076	3.10503
AA986379	Nbea,Lyst2,mKIAA1544	1.00E-10	2.22252
AW537064	Nav3,POMFIL1,unc53H3,Pomfil1p,mKIAA0938,	5.44E-36	12.27375
BE980206	Nav1,POMFIL3,unc53H1,mKIAA1151,steerin-1	0.00002	3.11627
BG064031	Nap1l1,NAP-1,AA407126,AI256722,D10ErtD68e	0.00049	1.82623
NM_013792	Naglu	7.78E-08	2.25901
BC021631	Naga	0.00005	3.50661
NM_013608	Naca,skNAC,Gm1878,AL022831,mKIAA0363	9.77E-30	1.73657
NM_008668	Nab2,AI451907	2.08E-14	13.33485
BB045598	Mysm1,C130067A03Rik,C530050H10Rik	0.00056	1.60916
NM_021503	Myoz2,Myozl2,1110012I24Rik	4.54E-18	2.16025
AW553161	Myom3,Gm434,8430427K15Rik	1.60E-26	8.73083
NM_031189	Myog,myo,MYF4	0	19.26951
NM_010866	Myod1,MYF3,MyoD,Myod-1,AI503393	3.71E-27	5.9971
AF384055	Myocd,Srfcp,BSAC2A	2.87E-08	10.01479
BM121122	Myo9b	0.00001	4.96877
AK018649	Myo1e,myr 3,AA407778,myosin-1e	0.00003	2.84911
BQ176602	Myo1c,MMIb,myr2,MYO1E,C80397,mm1beta	0.00006	3.80228
AI255256	Myo1b,AA406997,myosin-1b	4.60E-06	1.56923
BC003304	Myo10,AW048724,mKIAA0799,D15ErtD600e	7.40E-09	3.47966
BF451748	Mylk,KRP,MLck,MLCK108,MLCK210	1.37E-06	3.34452
AW494458	Myic2b,RLC-B,C77744,1500001M02Rik	7.95E-10	1.92079
BC026760	Myl6,Myln,ESMLC,LC17A,LC17B,MLC1SM,	2.26E-15	2.25268
NM_010858	Myl4,GT1,ALC1,AMLC,MyLa,MLC1a	0	50.71554
C80049	Myh9,Myhn1,C80049,D0Jmb2,Myhn-1,	1.65E-08	4.54189
BB011213	Myh8,Myhsp,Myhs-p,MyHC-pn	0	6.10148
NM_080728	Myh7,Myhcb,Myhc-b	0.00003	2.92747
M74753	Myh3,Myhse,Myhs-e,MyHC-emb	0	100
AJ293626	Myh1,Ild,MdMs,Ild/x,Myhs-f,Myhsf2	0.00001	1.62763
NM_008656	Myf5,B130010J22Rik	2.69E-10	5.41211
U13262	Myef2,mKIAA1341,9430071B01	4.58E-06	2.89489
BI078799	Myadm,D7Wsu62e	0.00066	1.78486
BG868949	Mxd4,Mad4,2810410A03Rik	0.0003	1.94306
BB139464	Mvp,LRP,VAULT1,2310009M24Rik	5.34E-13	3.47185
AJ277212	Mustn1,Mustang,1110028G01Rik	9.99E-25	2.9062
U37709	Musk,Mik,Mdk4,Nsk1,Nsk2,Nsk3,MGC117677	0.00014	3.16206
BC020027	Muc15,4732460E09,D730046L02Rik	0.00003	4.82951
AW553649	Mttp,MTP	8.01E-08	5.92009
NM_008098	Mtpn,V1,Gcdp,5033418D15Rik	5.39E-11	2.01917
AV094609	Mttr7	0.00004	3.06405
BC020019	Mttr6,AI428804,AU041072,MGC27983,4022440C11Rik	8.71E-12	2.0251
BE952757	Mttr11,CRA,AI035306,BC051083,MGC59008	1.26E-12	5.9244
BG076333	Mthfd2,NMDMC,AW558851	0.00002	3.30166

AV095209	Mthfd1,AI647056,Fthfscd1,2410004L15Rik	0.00002	3.03802
AF192558	Mtch1,PSAP,C77849,AI255158,AU018396,2310034O17Rik	3.38E-07	2.421
NM_134092	Mtbp,MDM2BP,AI429604	6.67E-07	6.89839
NM_008635	Mtap7,MAP7,R75000,E-MAP-115	0.0005	4.71259
BM233608	Mtap6,STOP,F-STOP,2810411E12Rik	0.0002	2.77082
BB731480	Mtap1b,LC1,MAP5,MAP1B,Mtap5,Mtap-5,AI843217,A230055D22	3.45E-29	8.72818
BB765000	Mtap1a,Map1a,Mtap1,moth1,Mtap-1,AI853608,6330416M19Rik	3.30E-06	2.72487
AA183642	Msr1,MSR,Scvr,MSR-A,SR-AI,SR-AII,Scara1	8.30E-18	8.18951
BQ175453	Msn,C78546	1.54E-20	2.93788
NM_018857	Msln,MPF	9.68E-23	72.06607
BQ174527	Msi2h,msi2,AI451722,AI563628,AW489193,1700105C15Rik	1.14E-07	6.2642
BG798082	Msh6,GTBP,Gtmbp,AU044881,AW550279	3.98E-06	2.43201
BC024402	Ms4a7,CFMMA,CD2014,9130422I10Rik,A430103C15Rik	3.30E-08	5.87011
NM_026835	Ms4a6d,1110058E16Rik	2.33E-16	6.61944
AF237910	Ms4a6c,2200009H22Rik,2210417N07Rik	0.00052	1.60371
NM_027209	Ms4a6b,1810027D10Rik	1.78E-07	2.37078
U63408	Mrvi1,Irag,BB115629	1.14E-06	3.51024
AW536415	Mrpl16,2310039D06Rik	0.00077	3.81205
AY042194	Mrgpra4,MrgA4	0.00064	3.15443
BB528408	Mrc2,uPARAP,Endo180,mKIAA0709	0.00068	4.94726
AK003513	Mpzl1,PZR,1110007A10Rik	1.03E-27	4.59293
BB200034	Mphosph1,B130024C23,C330014J10Rik	2.12E-07	6.29569
L20315	Mpeg1,MPS1,Mpg-1	3.55E-11	10.0106
AV094989	Morf4I2,MRGX,Sid393p,mKIAA0026,2410017O14Rik	1.41E-23	1.83439
BC017619	Morf4I1,MRG15,TEX189,TEG-189,	0.00017	1.5112
AI452146	Morc3,NXP2,Zcwc3,AI452146,BF318192	7.53E-07	2.00577
BB023868	Mobk12a,A630029F06,5330417K06Rik	1.23E-09	2.90446
AV226922	Mobk1b,MOB1,MOB4B,MGC6884,4022402H07Rik	1.30E-06	1.93666
NM_008613	Mns1,AW546487	2.52E-08	5.33768
AA709668	Mnab,Rnf164,2900024N03Rik,9430019J22Rik,D930043C02Rik	1.07E-08	3.46756
NM_013599	Mmp9,Clg4b,MMP-9,B/MMP9,zymogen	1.15E-06	42.37041
NM_008611	Mmp8,BB138268	7.39E-06	10.32017
BF147716	Mmp2,GelA,Clg4a,MMP-2	8.69E-11	2.43772
AF153199	Mmp19	2.71E-08	5.2336
NM_008608	Mmp14,MT1-MMP,AI325305,MT-MMP-1	4.29E-18	14.38946
NM_008607	Mmp13,Clg,Mmp1,MMP-13	1.95E-22	54.7001
BC019135	Mmp12,Mmel,AV378681	2.77E-07	20.43408
NM_008606	Mmp11,ST3,Stmy3	7.88E-08	6.42548
NM_019471	Mmp10,AV377895	3.91E-08	100
BG094874	Mlstd2,FAR1,2600011M19Rik,3732409C05Rik	1.04E-14	5.2862
NM_019914	Mllt11,Af1q,Zfp692,AI839562	2.91E-07	1.65223
BQ176661	Mkrm1,RFP	0.00052	2.58965
X82786	Mki67,Ki-67,D630048A14Rik	4.27E-07	9.30208
AI647473	Mjd,ATX3,MJD1,Sca3,AI647473,2210008M02Rik	0.00084	5.67007
BC026790	Mis12,Misc12,AU044651,RP23-83I13.9,2510025F08Rik	0.00042	2.14746
BQ175773	Mirg,Meg9,AI852992,2810474H01Rik	1.50E-34	27.3105
BB836564	Minpp1,AA408516	0.00008	1.65735
AF196480	Mid2,FXy2,Trim1	0.00003	2.44017
BG073178	Mid1,Fxy,61B3-R,Trim18,MGC60591,DXHXS1141	0.0003	6.30675
NM_138315	Mical1,MICAL,Nical,MGC27831,MGC38321	7.51E-07	3.97465
BG063791	Mib1,Mib,DIP-1,MGC18948,mKIAA1323,E430019M12Rik	5.10E-13	1.85179
NM_008597	Mgp,Mglap	2.42E-33	4.6928
NM_023799	Mgea5,Hy5,AA408215,mKIAA0679	6.87E-24	3.38296
BC027106	MGC38735	1.60E-08	2.39854
AK015544	Mgat5,GlcNAc-TV,4930471A21Rik,5330407H02Rik	1.36E-08	6.78504
BB283751	Mgat3,GnT-III,AI848272,1110038J12Rik	1.34E-07	2.38052
AI481328	Mgat2,GNT2,CDGS2,GNT-II,AA407964,MGC37173,GLCNACTII	4.47E-16	2.00566
AK006096	Mfsd2,1700018O18Rik	1.55E-09	3.63493
NM_008594	Mfge8,P47,Mfgm,SED1,MFG-E8,AA408458,AI325141	7.61E-07	2.32428
AV262974	Mfap3l,NYD-sp9	9.09E-23	14.93934
BI661422	Mfap3,AW536327,2610509F16Rik,2700079M14Rik	0.00031	2.20034
AW555393	Mest,Peg1,AA408879,AI256745	0.00007	2.62503
NM_008587	Mertk,Eyk,Mer,Nyk	1.39E-08	2.27278
NM_010791	Meox1,Mox1,Mox-1,AI385561,D330041M02Rik	0.00037	2.25062
AI595932	Mef2c,AV011172,5430401D19Rik,9930028G15Rik	1.03E-06	1.75234
BM022689	Med12l,AU044581,TRALPUSH,A130035F20,A630079M02	4.09E-07	3.51185

BM235734	Me2,NAD-ME,AW120568,D030040L20Rik	1.93E-10	3.51703
NM_133874	Mdn1,Gm135,AA958993,A130070M06,4833432B22Rik	0.00028	2.94228
X58876	Mdm2,Mdm-2,AA415488,1700007J15Rik	5.62E-06	2.0753
M34328	Mdk,MK,Mek,cytokine	2.34E-27	9.15426
U13371	Mdfic,Kdt1,Mdfid	0.00003	2.20393
BB407228	Mcm7,Mcnd7,mCDC47	3.91E-12	4.34583
NM_008567	Mcm6,Mcnd6,ASP-11,D1Wsu22e	2.97E-17	10.27143
AI324988	Mcm5,Cdc46,Mcnd5,mCD46,mCDC46,	0.00004	3.6835
BC013094	Mcm4,19G,Cdc21,Mcnd4,mcndc21,	9.30E-17	2.52865
BI658327	Mcm3,P1,Mcnd,p1.m,C80350,AL033361	0.00005	5.12879
NM_008564	Mcm2,BM28,CDCL1,Mcnd2,AA959861,AW476101,mKIAA0030	0.00007	2.4382
NM_023061	Mcam,CD146,CD149,Muc18,s-endo,AV025631,1-gicerin,s-gicerin	1.47E-12	2.74709
BM220840	Mbtd1,hemp,AA408199,AI194990	3.91E-07	2.35871
AF072249	Mbd4,Med1	0.00009	2.70725
BF226671	Matr3,AI841759,AW555618,mKIAA0723,D030046F20Rik	1.11E-14	1.62344
AB049755	Masp1,CCPII,Craf,Masp1/3,AW048060	7.85E-13	7.54043
BG076407	Marveld2,MARVD2,Mrvldc2,BC003296,MGC55067	1.25E-41	12.81415
AV007867	Marveld1,Mrvldc1,AI504298,MGC62793	0.00001	2.73442
AV110584	Marcksl1,F52,Mlp,Mrp,D4Bc1,Macs2,Macs3	6.98E-06	6.99176
BG069610	March6,mKIAA0597,3830408G03,F830029L24Rik	0.00066	2.01117
BM228525	Mapre1,Eb1,BIM1p,AI462499,AI504412,	1.22E-11	1.84611
NM_133841	Mapkap1,AI591529,D230039K05Rik	6.57E-06	2.62139
BC024684	Mapk6,Erk3,Mapk4,Prkm4,Prkm6,Mapk63	0.00019	5.64007
BF450398	Map4k4,HGK,Nik,AU045934	8.75E-15	12.41481
D76446	Map3k7,Tak1,C87327,B430101B05	1.83E-06	1.73378
BB144722	Map2k5,MEK5,Mapkk5,Prkmk5,AI324775,AI428457	8.34E-06	2.13822
NM_008927	Map2k1,Mek1,MEKK1,MAPKK1,Prkmk1	3.80E-07	1.58464
BC016253	Man2c1,1110025H24Rik	1.07E-06	1.65485
BC005430	Man2b1,LAMAN,AW107687	8.97E-17	2.27482
BB637556	Man1a2,PCR2,Man1b,AI428775,AI528764,AI854422	8.42E-10	3.04628
BB070019	Man1a,PCR1	0.00066	1.70151
AK004794	Mamdc2,AI591564,1200015L10Rik	0.00003	4.0894
BG073012	Mamdc1,Mdga2,6720489L24Rik,9330209L04Rik	0.00043	6.01161
AF319976	Maged2,ORF1,Mage-d2	4.08E-22	6.45755
NM_019791	Maged1,NRAGE,Dlxin,Dlxin1,Dlxin-1	0	5.35111
BC022952	Maff	3.04E-06	10.56129
NM_019499	Mad2l1,MAD2,AA673185,MGC113763	0.00044	2.41051
BM248206	Macf1,Acf7,MACF,Acip7,mACF7,ABP620,R74989,mKIAA0465	0	4.05292
AF228913	Mab21l1,AW047968	0.00037	1.90256
AV094519	Lztr1,TCFL2,AI591627,AW550890,1200003E21Rik	0.00089	2.83264
AK007657	Lzic,AW047580,1810030J04Rik	1.25E-15	4.12963
BB667084	Lysmd3,MGC7041,BC003322,1110030H10Rik	4.04E-22	1.94097
M64608	Lyn,Hck-2,AA407514	0.00048	2.27785
NM_010745	Ly86,MD1,MD-1	0.00059	3.63918
AK010485	Ly6k,2410015A16Rik,3110035B01Rik	0.00006	12.4937
NM_016753	Lxn	6.50E-20	6.25978
BB705823	Luzp1,Luzp,AI266952,mFLJ00226,2700072H04Rik	1.50E-11	3.08289
AV309996	Luc7l,1810045C04Rik,2410018D03Rik	3.14E-08	1.57015
NM_008520	Ltbp3,Ltbp2,mFLJ00070	0.00009	2.41793
NM_013589	Ltbp2,AW208642	6.72E-24	18.4765
AF022889	Ltbp1,Tgfb,Ltbp-1,LTBP-1S,9830146M04,9430031G15Rik	2.26E-06	3.77534
BM211048	Ltap,Lp,Lpp1,stm,Vangl2,Vangl12,C530001F03Rik	0.00031	3.48508
NM_019391	Lsp1,p50,WP34,pp52,Lsp-1	6.36E-06	1.92957
NM_008516	Lrrn1,NLRR-1,2810047E21Rik	2.32E-27	14.84309
BC027199	Lrrk1,AW319595,MGC28646,mKIAA1790,D130026O16Rik	5.22E-13	4.31784
BB315861	Lrrc8,Lrrc5,A930019F03,4930525N13Rik	0.00089	2.47747
BC016574	Lrrc49,AI430817,AW050057,D430025H09Rik	0.00005	4.41552
AV310220	Lrrc41,MUF1	0.00015	7.73276
AI506528	Lrrc15,LIB,5430427N11Rik	0.00002	6.53661
BG966295	Lrrc1,AU016091,KIAA4018,MGC90936,	0.00037	1.94709
AF247637	Lrp4,D230026E03,6430526J12Rik	1.99E-34	3.81197
AW907805	Lrp1b,LRP-DIT,9630004P12Rik	2.28E-17	1.51318
AV254798	Lrp12,AI848829,C820005L12Rik	1.58E-07	2.43009
BB129159	Lrig2,BB096938,4632419I10Rik	7.86E-07	2.97384
AV231827	Lrch2,AI316885,mKIAA1495	0.00001	2.63102
BB297498	Lpp,C79715,AA959454,AU024130	3.17E-10	1.88206

NM_022883	Lpin3,AA438110,AV236139,KIAA4023,	0.00034	2.22066
AK021389	Lpin2,AI481352,AW742896,2610511G02Rik	0.00003	3.9205
BB317079	Lphn3,LEC3,CIRL-3,Gm1379,	3.36E-12	14.37525
AA987131	Lphn1,Lec2,CLIBA,AI182398	0.00004	2.33011
NM_013586	Loxl3,Lor2,Loxl2	2.66E-09	2.93367
AF117951	Loxl2,MGC102220,	4.23E-16	5.28453
AF357006	Loxl1,Loxl,MGC106801	1.40E-11	2.50935
M65143	Lox,TSC-160,AI893619	2.38E-18	5.11589
BG068705	LOC553091	2.00E-09	5.20501
AK013903	LOC546015	0.00003	2.88301
BI733057	LOC545923	1.61E-11	3.99282
BB238427	LOC545856	4.60E-06	2.04054
BG074304	LOC545754	0.00058	2.24216
AI429562	LOC545261	0.00036	2.72332
AV217426	LOC544823	1.20E-10	1.70843
BB141228	LOC435350	5.75E-07	2.10865
BB087707	LOC434585	0.00001	2.85295
BC006770	LOC434536	0.00023	2.37579
BG067055	LOC433587	2.48E-14	5.40358
AU017189	LOC433297	1.81E-37	1.95203
BB166401	LOC432971	0.00026	2.34228
AW547688	LOC432764	2.73E-06	5.00798
AI837848	LOC331528	1.04E-06	5.32345
AW763751	LOC277193,LOC432650,LOC432898	0.00007	3.1688
AW550321	LOC245350	9.21E-14	8.7726
BG073445	LOC244512	0.00075	2.13926
BB305660	LOC232875	5.82E-06	3.43401
BC002257	LOC215866	0.00002	9.71235
AW553387	Lmo7,Gm914,C78582,FBXO20,mKIAA0858	0.0008	2.99596
NM_010722	Lmnb2	0.00022	14.91525
AK003174	Lmna	8.59E-18	7.28857
AW412503	Lix1l,D130027M04Rik	8.35E-18	2.76907
AV360881	Litaf,TBX1,C85531,N4WBP3,3222402J11Rik	4.31E-33	8.04441
AV287586	Lin7a,Veli,Veli1,LIN-7A,MALS-1,TIP-33,AI848705,MGC102231	0.0002	2.24537
BB547181	Lin10,MGC6480,BC006874,D230025D16Rik	3.30E-06	3.59527
BC005621	Lims1,PINCH,Lims1l,PINCH1,	7.55E-20	3.86808
BB705335	Limk2,C85310,Limk2a,Limk2b,9430059K01,A930024P04Rik	0.00002	3.74275
NM_010717	Limk1	3.70E-12	10.05566
BG917242	Lhfp1,AI447312,AW050335,mKIAA0206,6030465B15	0.00022	3.63397
AV149705	Lhfp,AI194968,2810489O06Rik	3.08E-14	2.83442
NM_011175	Lgmn,AEP,Prsc1,AI746452,AU022324	1.14E-19	4.91454
NM_010708	Lgals9,AA407335,AI194909,AI265545,galectin-9	8.99E-06	2.77616
NM_011150	Lgals3bp,90K,CyCAP,Ppicap,MAC-2BP	1.79E-08	2.91504
X16834	Lgals3,GBP,L-34,gal3,Mac-2	9.67E-28	12.74886
AI642438	Lgals1,L14,Galbp,L-14.5,Lect14,AA410090,galectin-1	2.61E-18	2.50541
BF658789	Leprot1,AI854296,1110067H13Rik,1520402O14Rik	2.49E-08	1.65391
BF228243	Leprot,LEPR,VPS55,Obrgrp,MGC6694,OB-RGRP	2.61E-14	2.9441
BC003726	Leprel2,Grcb,P3h3,BC016431	1.86E-08	3.61538
AW553532	Leprel1,Mlat4,AW553532,4832416N06	0.00028	9.97804
BE283629	Lepre1,Gros1,leprecan,2410024C15Rik	6.14E-17	2.78067
AV156352	Lef1,Lef-1,AI451430,3000002B05	0.00001	2.7457
BC021467	Ldrap1,Arh,ARH2,Arh1,FHCB1,FHCB2,AA691260	4.34E-09	2.98654
BB534423	Ldldrad3,AI194318,6430500P08	7.10E-19	2.96485
NM_008879	Lcp1,Pls2,AW536232,L-fimbrin,D14ErtD310e	1.63E-07	5.06194
C77643	Lats2,AV277261,AW228608,4932411G09Rik	3.86E-16	1.65303
BQ176664	Lass6,T1L,AW544719,4732462C07Rik	2.47E-13	6.49236
AY029533	Lass5,Trh4,AU045339,AW544927,2310081H14Rik	1.82E-16	1.84617
AY029532	Lass2,TRH3,AI225939,0610013I17Rik	0.00064	1.57058
NM_010685	Lamp2,CD107b,Lamp-2	2.15E-14	1.98066
BG066605	Lamc1,Lamb2	9.86E-10	1.57143
NM_008484	Lamb3	1.26E-13	13.67747
BG970109	Lamb1-1,C77966,C80098,C81607,Lamb-1,D130003D08Rik	4.02E-27	12.0817
AV224009	Lama5,[aj]5,AA408760,AA408762,AI853660,mKIAA0533	3.04E-08	3.42053
BB053010	Lama4	0.00064	2.02817
U12147	Lama2,dy,mer,merosin,KIAA4087,mKIAA4087,5830440B04	3.32E-07	1.93222
NM_008480	Lama1,Lama,AA408497	6.85E-42	53.00447

AK017222	Lair1,Lair-1,mLair-1,BB115266,D7Bwg0421e,5133400011Rik	0.00002	9.16529
BB373408	Kremen1,Kremen,AV002070	1.17E-09	6.08565
BC010202	Kras,ras,p21B,K-ras,Kras2,Ki-ras,Kras-2,MGC7141,AI929937	0.00042	2.30403
NM_008379	Kpnb1,IPOB,Impnb,MGC8315,AA409963	0.00004	1.66045
AK014256	Kns2,Klc1,KLC1T,60/70kDa,AI874768	7.90E-10	2.39501
BM247104	Klh16,MGC118659	0.00013	2.22263
BM120233	Klh5,1300013C10Rik	2.80E-06	2.01803
BG073366	Klh3,Hnrpa0,1110055B05Rik,3010025E17Rik	0.00046	1.51844
NM_026167	Klh13,Bklhd2,AI451128,mKIAA1309	4.17E-12	2.93998
BB795533	Klhdc5,mKIAA1340,C230080I20Rik	1.92E-07	3.1604
BG069607	Klf5,CKLF,IKLF,Bteb2,4930520J07Rik	1.50E-43	5.3645
BI328541	Kif5b,KHC,AL022807	1.61E-10	2.16752
NM_008443	Kif3a,Kif3,Kifl,Kns3	3.13E-26	4.45513
AK016720	Kif2a,Kif2,Kns2,M-kinesin	0.00062	1.73635
AW986176	Kif23,CHO1,Kns5,MKLP1,C87313,MKLP-1,3110001D19Rik	0.00013	16.09138
BC003427	Kif22,Kid,C81217,Kif22a,AU021460	0.00007	10.55032
NM_009004	Kif20a,AA415432,Rab6kifl	0.00002	8.11999
BM234447	Kif11,Eg5,Kif8,Kifl1,Knsl1	0.00056	3.53507
BB332580	Khsrp,KSRP,6330409F21Rik	0.00013	3.3078
BE447456	Khdrbs1,p62,Sam68	2.79E-10	1.79167
AJ278133	Kdelr2,1110007A14Rik	2.79E-12	1.62403
NM_023645	Kdelc1,EP58,Kdel1,1810049A15Rik,5730416C13Rik	1.19E-07	2.64091
BF577853	Kctd5,mKIAA0176,2610030N08Rik	0	2.5942
BI408602	Kctd17,N28155,AA414907,AW742389,2900008M13Rik	6.28E-08	2.36521
BB667457	Kctd12b	5.14E-07	3.01164
BC006935	Kctd10,C87062,AW536343,MGC11654	1.89E-30	2.988
C77819	Kcns3,B230338H13,D12Erd137e	0.00007	5.27043
BE956674	Kcnq4	2.82E-11	4.53717
NM_021452	Kcnmb4,1700058G18Rik,2900045G12Rik	0.00012	3.1525
BB633976	Kcnmb1,BKbeta1	0.00001	6.45048
AV337635	Kcnf1,Kv5.1,Gm1182,MGC62472	1.29E-09	12.58218
NM_020574	Kcne3,MiRP2,2210017H05Rik	0.00037	5.15476
BI988550	Kbtbd9,Gm68,mKIAA1921,A230106N14Rik	0.00009	3.53483
NM_008416	Junb	3.86E-10	6.41622
NM_010591	Jun,AP-1,Junc,c-jun	0.0001	1.69289
NM_010590	Jub	1.90E-10	2.42252
AK016109	Josd3,2810003M17Rik,4930553M18Rik,5930426I11Rik	0.00051	1.77283
BB015508	Jmjd1c,TRIP8,Jmjd1c,5430433L24Rik,D630035I23Rik	0.00002	2.14631
BC026605	Jmjd1a,TGSA,Tsga,Jmjd1,mKIAA0742,	0.00055	1.65494
AF127244	Jarid1d,Smcy	0	19.21125
BC019446	Jarid1b,PUT1,Plu1,PLU-1,Rb-Bp2,	2.44E-07	2.7718
AK017692	Jam3,JAM-3,JAM-C,Jcam3,C85515,1110002N23Rik	4.65E-08	3.31047
AK010826	Jam2,JAM-2,JAM-B,Jcam2,VE-JAM,	2.42E-08	6.24938
AA880220	Jag1,Htu,Ser-1,slalom,Serrate-1,Headturner	3.48E-08	5.4405
BB559054	Its2,Ese2,Sh3d1B,Sh3p18,AI327390,mKIAA1256	0.00018	5.38423
NM_025922	Itpa,Itp,AU020102,2010016I08Rik	1.83E-07	1.58619
NM_022417	Iitm2c,E25,BRI3,E25C,ITM3,R75508,AU041202,3110038L02Rik	5.52E-08	2.30001
BB724781	Iitm1,AA408947,BB081708	1.51E-15	2.66203
NM_021359	Iitgb6,2210409C20Rik,4831415H04Rik	0.00003	2.34388
NM_010580	Iitgb5,[b]5,[b]-5,[b]5A,[b]5B,beta5,ESTM23	0.00046	4.16048
AV352983	Iitgb3,CD61,INGRB3	2.74E-12	20.62538
U37029	Iitgb1,CD29,FnrB,gplla,AA409975,AA960159,4633401G24Rik	7.66E-27	5.05866
NM_021334	Iitgax,Cr4,N418,Cd11c,AI449405	1.69E-19	7.77869
NM_008402	Iitgav,CD51,1110004F14Rik,2610028E01Rik	0.00034	3.15768
BG067332	Iitga9,(alpha)9,D130073C02,D9Erd428e,2610002H11Rik	5.20E-07	5.03639
NM_008398	Iitga7,[a]7,alpha7	0.00067	2.99432
BB493533	Iitga5,Fnra,Cd49e	0.00002	11.17935
BB668008	Iitga4,CD49D	2.22E-10	5.89284
AV071536	Iitga1,Vla1,CD49A,E130012M19Rik	0.00015	2.06533
NM_023627	Isyna1,AU018670,1300017C10Rik	0.00001	4.63648
NM_012043	Islr,AW553146	3.66E-08	2.3947
BQ176915	Isl1	0.00079	6.33495
BG069095	Irf8,Myls,ICSBP,IRF-8,Icsbp1,AI893568	0.00001	3.8381
NM_016851	Irf6,mirf6,AI876454,E230028I05Rik	3.80E-43	77.26624
NM_016849	Irf3,IRF-3,MGC91046,C920001K05Rik	0.00008	3.70608
AV241470	Irak2,IRAK-2,AI649099,MGC102586,6330415L08Rik	9.07E-11	2.18084

NM_016721	Iqgap1,AA682088,mKIAA0051,D7ErtD237e,D7ErtD257e	1.24E-11	2.40961
BB499356	Ipo9,Imp9,C78347,Ranbp9,mKIAA1192,0710008K06Rik	2.79E-12	4.55894
BG922298	Ipo7,Imp7,Ranbp7,C330016G14,A330055O14Rik	3.48E-08	2.15838
NM_008386	Ins1,Ins-1,Ins2-rs1	0.00058	3.63173
AV033355	Inpp5f,SAC2,cl-27,AI115354,AW561896,	0.00012	2.3126
U39203	Inpp5d,SHIP,145kDa,SHIP-1,s-SHIP,AI323613,MGC117680	9.49E-14	8.72322
NM_008380	Inhba	1.07E-08	4.14325
NM_010564	Inha,AW555078	1.81E-20	8.63945
BC016573	Ing1,mING1h,p33Ing1,AA407184,AI875420,2610028J21Rik	0.00003	1.69938
BB418702	Incenp,C77457,AU019509,C130081E20,2700067E22Rik	1.63E-06	4.17644
NM_008378	Impact,E430016J11Rik	3.14E-09	2.19189
BC011427	Ilkap,PP2C-DELTA,0710007A14Rik,1600009O09Rik	2.20E-13	2.69446
NM_010562	Ilk,ESTM24,AA511515	3.28E-23	2.03889
BG069530	Ilf3,NF90,MPHOSPH4	1.02E-06	3.10016
AI573431	Ilf7r,CD127,MGC107557	0.00012	2.54298
AF000304	Il4ra,Il4r,CD124	3.68E-08	10.84125
L20048	Il2rg,[g]c,CD132,gamma(c)	2.77E-18	12.48898
L20048	Il2rg,[g]c,CD132,gamma(c)	0.00009	2.37188
M57525	Il1rn,IL-1ra,F630041P17Rik	1.03E-08	22.44435
NM_010743	Il1r1,T1,St2,DER4,Ly84,ST2L,Fit-1,T1/ST2,St2-rs1	0.00005	74.77483
NM_008362	Il1r1,CD121a,CD121b,Il1r-1,MGC129154	1.22E-20	18.99059
BC011437	Il1b,Il-1b,IL-1beta	3.03E-06	3.08832
NM_134159	Il17rc,Il17rl,IL-17RC,IL17-RC,IL17-RL,1110025H02Rik	0.00027	3.13657
BB730912	Il13ra1,NR4,Il13ra,CD213a1,AI882074,IL-13r[a]	6.93E-10	7.32586
BI559093	Ikbkg,NEMO,IKK[g],AI848108,AI851264,AW124339,1110037D23Rik	0.00063	1.62988
BC014739	Ik,MuRED	8.77E-07	1.51001
AK005166	Ihpk2,AW050208,1500005N04Rik	0.00025	2.84876
NM_030691	Igsf6	0.00026	6.14523
NM_018770	Igsf4a,BI2,ST17,Igsf4,Nec12,Tslc1,	1.57E-06	3.17645
BB484576	Igsf3,V7,Cd101,Igsf2,	0.00063	6.25414
AV245981	Igsf1,AI747649,mKIAA0364,5330413N23,5530402E03,InhBP/p120	3.43E-12	6.17756
AF065325	Igh-VJ558,MGC6727,AI893585,MGC118142	0.00027	3.54071
AI481026	Igfbp7,Fstl2,mac25	3.18E-42	3.87232
NM_010517	Igfbp4,Deb2,IGFBP-4,AI875747	0.00025	7.81164
AV175389	Igfbp3,IGFBP-3,IGfbbp3,AI649005	5.01E-17	6.03826
BG092290	Igf2r,CD222,C1-MPR,Mpr300,AI661837,M6P/IGF2R	1.06E-06	3.85356
NM_010514	Igf2,Mpr,M6pr,Peg2,Igf-2,Igf-II,AL033362	0	16.37525
AW553541	Igf1r,CD221,IGF-1R	0.00017	3.7524
NM_010512	Igf1,Igf-1,Igf-I,C730016P09Rik	0.0001	2.06866
NM_009879	Ift81,Cdv1,CDV-1,CDV-1R,AW060663	1.50E-14	3.22981
BC013814	Ift80,Wdr56,mKIAA1374,4921524P20Rik	7.16E-09	2.78104
AV319292	Ift122,Wdr10,C86139	4.53E-06	3.96721
NM_010511	Ifngr1,Ifgr,CD119,Ifngr,Nktar,IFN-gamma R	0.00006	1.98733
NM_010508	Ilnar1,Ilnar,Ilnar,CD118,Ilnar,Ilnar	4.47E-11	2.0269
BC010291	Ilfitm3,Fgls,IP15,Cd225,mil-1,Cdw217,1110004C05Rik	1.55E-06	1.89058
BC027285	Ilfitm1,Mil2,MGC107121,1110036C17Rik	1.53E-23	8.90181
NM_008332	Ilfit2,Ili54,AV302338	9.32E-15	3.24527
NM_008330	Ili47,47kDa,Ilgp4,Ilgp4,IRG-47,Olf56	0.00009	5.22798
NM_030244	Ier5l,2610524G09Rik	1.53E-06	2.78749
BF147705	Ier5	0.00002	1.68794
BB114402	Ier3ip1,AI644142,AL022842,AL022863,AV026606,1110057H19Rik	0.00089	1.51228
NM_133662	Ier3,cl-3,IEX-1,gly96,AI663993	9.23E-07	2.47082
NM_010499	Ier2,ch1,pip92,AI317238	0.00056	2.00368
BB121406	Id4,Idb4	5.65E-18	4.91341
NM_008321	Id3,Idb3,HLH462	1.42E-27	6.651
NM_010496	Id2,Idb2,C78922,AI255428	1.03E-20	7.23516
U43884	Id1,Idb1,AI323524,D2Wsu140e	1.22E-09	5.7462
BB523428	ICRFP703B1614Q5.6,BCA3,C11orf17	0.00001	2.06697
BB376918	Ick,AI848300,2210420N10Rik	0.00022	2.02965
AK005965	Ica1,69kDa,ICA69	0.00085	2.30813
L20232	Ibsp,BSP	8.01E-11	100
NM_010489	Hyal2,AI256841,AU020858,AW555733	0.00036	3.8494
NM_019564	Htra1,L56,HTRA,Prss11,RSPP11,AI429470	1.17E-42	6.42832
NM_008311	Htr2b,5-HT2B,AJ012488,AV377389	5.76E-09	13.94861
AF061972	Htatip2,CC3,30kDa,TIP30,AW111545	0.00017	2.03284
NM_008305	Hspg2,Pcn,Plc,per,AI852380,perlecan	0.00016	1.60819

C77384	Hspca,hsp4,86kDa,89kDa,Hsp89,Hsp90	6.15E-11	4.75502
AF250139	Hspb8,H11,Cryac,E2IG1,HSP22,D5Ucla4	0.00093	1.547
BC006722	Hspa8,70kDa,Hsc70,Hsc71	0.00024	1.52826
NM_133804	Hspa5bp1,R74613,6720481D13Rik	5.53E-06	3.85335
NM_022310	Hspa5,Bip,Sez7,mBiP,78kDa,Grp78,SEZ-7	3.40E-10	2.56325
NM_011020	Hspa4I,94kDa,APG-1,Osp94,AI461691,MGC117843	8.74E-32	4.64017
M12573	Hspa1b,70kDa,Hsp70,hsp68,HSP70A1,Hsp70-1,Hsp70.1	1.36E-10	5.01561
BI499717	Hsp110,105kDa,Hsp105,hsp-E7I,AI790491	6.66E-06	4.06405
AK016553	Hsf2bp,4932437G14Rik	2.56E-12	5.81952
BM208677	Hsd17b12,Kik1,KIK-I,AI172963,2610510O05Rik	0.00095	2.91943
BG918344	Hs3st3b1,3Ost3b,3OST3B1,Hs3st3b,3-OST-3B,	1.89E-07	9.80155
AV346600	Hs2st1,Hs2st,AW214369,mKIAA0448	2.13E-09	3.90116
BC022899	Hrmt1I6,PRMT6,AW124876,BB233495	5.61E-07	3.69133
AK020120	Hrmt1I2,Mrmt1,Prmt1,AW214366,6720434D09Rik	0.00003	1.62479
NM_133182	Hrmt1I1,Prmt2,AI504737	3.48E-08	4.05871
BB130716	Hrb,RAB,Rip,C85612,AU045498,C130049H11Rik,D730048C23Rik	1.52E-06	1.61208
BG094050	Hpse,Hpa,HSE1,Hpr1	0.00003	5.67632
NM_019424	Hps1,ep,Hps,BB405864,MGC102063,6030422N11Rik	0.00015	5.07215
NM_013556	Hprt1,Hprt,HPGRT,C81579,MGC103149	7.13E-14	1.83563
AF193796	Hoxc13	5.48E-06	9.20732
NM_010450	Hoxa11,Hox-1.9,Hoxa-11	0.00025	4.76351
BC005773	Homer3,AW146114	0.00016	2.91129
BF228203	Hnrpu,SAFA,Sp120,C86794	5.67E-21	1.74653
BB822465	Hnrpr,hnRNPR,2610003J05Rik	0.00071	3.12166
NM_025279	Hnrpk,NOVA,hnRNPK,MGC102032	1.24E-10	1.71553
AW412441	Hnrpf,AA407306,MGC36971,MGC101981,4833420I20Rik	3.56E-25	2.27324
NM_016884	Hnrpc,Hnrpc,Hnrpc1,Hnrpc2,hnRNPC1,	2.95E-16	1.85214
BC024454	Hnrpa3,hnRNPA3,MGC37309,MGC101940,	0	2.47062
BI663320	Hnrpa1,Hdp,hnrnp-A1,MGC102127,MGC102128	7.49E-13	2.24371
BI453712	Hn1	3.61E-13	1.70356
NM_010442	Hmox1,HO-1,Hmox,Hemox,Hsp32,D8Wsu38e	0.00009	3.53641
X64550	Hmmr,CD168,Rhamm,AA386826	0.00027	3.1875
BF464696	Hmgn1,Hmg14,HMG-14,MGC103397	2.31E-15	2.04902
BB123978	Hmgcr,Red,HMG-CoAR,MGC103269	2.66E-06	3.01986
AU018946	Hmgb2I1,AI316803,E430025G12,4733401K04Rik	1.99E-15	1.83623
X67668	Hmgb2,Hmg2,HMG-2,C80539,MGC103184	6.65E-06	3.28984
X58380	Hmga2,pg,Hmgic,pygmy,HMGI-C,MGC103393,9430083A20Rik	3.52E-06	3.18969
BB459907	Hmg20a,lbraf,1200004E06Rik,5730490E10Rik	0.00076	2.95531
NM_010438	Hk1,dea,Hk-1,Hk1-s,mHk1-s,BB404130	2.22E-06	9.97592
BB164127	Hivep3,Rc,Krc,KBP1,Zas3,AI848000,A130075N07	0.00002	2.72289
W91024	Hist1h2ao	4.33E-09	8.33147
BB320674	Hip1,HIP-1,KIAA4113,MGC27616,	0.00002	3.86271
X95580	Hif1a,MOP1,AA959795,HIF-1alpha	7.69E-06	2.05273
NM_133680	Hiat11,AU045608,AW539692,5730414C17Rik	1.72E-13	2.14277
NM_020259	Hhip,Hip,Hip1,Hhip1	4.79E-13	30.58277
BB751267	Hhat,Skn,AI462858,MGC11697,2810432O22Rik	0.00023	6.81539
BB476818	Hgf,NK1,NK2,HGF/SF,SF/HGF,C230052L06Rik	2.92E-13	20.30538
BB310549	Heyl,Hrt3,hesr3	2.28E-15	3.46851
NM_010423	Hey1,HRT1,Herp2,hesr-1,AI316788,AI414254	1.32E-21	7.37224
AV225808	Hexb	0.00001	2.1834
U07631	Hexa,Hex-1	2.27E-16	1.85836
AI326893	Hes6,AI326893	0	39.96836
BC018375	Hes1,Hry	0.00013	1.89231
AW208668	Herc5,CEB1,Herc6,	0.00063	2.80773
AV230520	Herc4,mKIAA1593,1700056O17Rik,4921531D01Rik	0.00025	2.13457
BG070273	Helb,AI447783,D10Ertid664e	0.00063	3.50634
BB291880	Hdgrp3,HRP-3,2700022B06Rik	0.00048	2.1645
NM_010413	Hdac6,Sfc6,Hdac5,mHDA2	0.0005	2.94583
NM_008228	Hdac1,HD1,RPD3,Hdac1-ps,MGC102534,MGC118085	2.28E-18	3.22375
BM246401	Hck,Bmk,Hck-1,AI849071,MGC18625	0.00076	3.71675
BB053418	Hbxap,RSF1,XAP8,p325,Gm164,MGC90806	2.08E-07	3.11827
L07264	Hbegf,DTS,Dtr,Hegf,HB-EGF,AW047313,MGC107656	4.05E-06	4.40718
NM_008216	Has2	1.32E-07	4.34316
BB451746	Hars,MMHRS	3.62E-22	1.90615
AK005204	H47,H4,H-4,H-47,Sels,C78786,1500011E07Rik	8.36E-06	1.59454
BI903743	H3f3b,H3.3B,9430068D06Rik	1.61E-27	2.82193

NM_010398	H2-T23,37b,37c,Qa1,Qa-1,T18c	0.00007	1.7661
NM_008205	H2-M9	6.64E-08	12.83887
NM_010382	H2-Eb1,Ia4,H2Eb,Ia-4,H-2Eb,H2-Eb,E-beta-b,H-2E beta	0.00014	7.1906
NM_010388	H2-DMb2,H-2Mb2,H2-Mb2	1.29E-11	13.01168
AW547431	H2afy2,macroH2A2,4933432H23Rik	0.0002	3.01012
NM_010379	H2-Ab1,Rmcs1	0.00035	2.61989
AV086906	H2-Aa,Ia1,Ia-1,H-2Aa,Aalpha,IAalpha	7.35E-11	3.2029
NM_010376	H13,Spp,H-13,PSL3,AV020344	3.57E-06	1.75342
BF683028	Gyk,GK,D930012N15Rik	4.77E-08	2.97214
AK002832	Gusb,g,Gur,Gus,Gut,asd,Gus-r,Gus-s,Gus-t,Gus-u,AI747421	3.51E-06	3.5403
BB138485	Gulp1,Ced6,GULP,CED-6,3110030A04Rik,5730529O06Rik	3.39E-06	2.01356
BF472806	Gucy1b3,GC-S-beta-1	3.78E-15	2.89957
NM_008187	Gtl3,T10-2A2,AL024127,2600014O15Rik	0.00034	2.23781
Y13832	Gtl2,Meg3,R74756,R75394,AI425946,	1.54E-31	15.54576
AI550317	Gtf2ird1,BEN,GTF3,ESTM9,Cream1,Gtf2il,	6.42E-06	8.42928
AV325174	Gtf2f1,RAP74,C76800,2810405L04Rik	1.16E-24	1.95673
NM_026584	Gtf2e2,34kDa,AI462509,C330006J08Rik	1.21E-25	1.82238
BI408524	Grit,RICS,GC-GAP,KIAA0712,mKIAA0712,p200RhoGAP	0.00006	2.82128
BC013080	Grhl1,MGR,LBP-32,Tcfcp2l2	3.27E-12	10.74944
AF022072	Grb10,Meg1,AI325020,mKIAA0207,5730571D09Rik	4.97E-07	1.84592
NM_024198	Gpx7,GPX6,AI327032,3110050F08Rik	2.62E-43	2.13813
NM_008161	Gpx3,GPx,AA960521	0.00001	3.34828
BI219063	Gpx1,Gpx,CGPx,GPx-1,GSHPx-1,AI195024,AL033363	6.78E-10	1.55556
NM_134116	Gpsm3,AGS4,AA960287	0.00011	2.10327
BC026486	Gpsm1,Ags3,AW107933,1810037C22Rik	0.00001	6.85033
BC019379	Gprk5,GRK5	6.70E-17	2.51718
BC020004	Gprc5b,Raig2,AW125761	2.89E-28	4.11827
BC027187	Gprasp1,GASP,GASP1,MGC100209	1.60E-06	2.30539
BB538372	Gpr68,BB131428	4.83E-09	10.75514
NM_008152	Gpr65,Dig1,TDAG8,Gpcr25	1.19E-09	5.78139
BQ175510	Gpr37,Pael-R,AI848630	2.40E-10	6.72152
AK004377	Gpr153,PGR1,AI449320,1110065N12Rik	0.00003	2.59105
NM_054044	Gpr124,Tem5,mKIAA1531,8430414C08Rik,9530074E10Rik	1.42E-13	16.43591
NM_008156	Gpld1,AW546131,6330541J12Rik	1.11E-10	8.90549
BE981338	Gpiap1,P137,Gpiap,AL022980,MMGPIP137	0.00028	1.63491
BB493031	Gpc6,AI480529,MGC32221,6720429C22Rik	0.00011	3.01107
NM_010327	Gp1bb	5.31E-07	6.4147
BI659593	Gopc,CAL,FIG,PIST,GOPC1,AI844555,2210402P09Rik	0.00004	2.98871
BE981485	Golph4,P138,GIMPC,GPP130,MGC102202,3110027H23Rik	2.93E-10	2.78632
BM213299	Golgb1,AU042952,KIAA4151,mKIAA4151	1.75E-06	1.83308
D78270	Golga3,Mea2,Mea-2,AI449376,AW490576	0.00014	2.9677
AV347903	Gng4,4	3.29E-10	8.7431
BB522409	Gng2,82,1110003P13Rik	0.00001	9.13731
AW228775	Gng12,AA536815,AI115529,AI314170,AI842738,2010305F15Rik	0.00005	1.54829
NM_025277	Gng10,AV006524	3.01E-06	1.84776
BQ174397	Gnb4,G(beta)4,6720453A21Rik	0.00005	9.2992
BM210111	Gnb2l1,p205,Rack1,GB-like,Gnb2-rs1	2.11E-20	1.81733
NM_008142	Gnb1,Gnb-1,C77571,AA409223,MGC98074	1.38E-16	1.92578
AI326356	Gnaz,Gz,AI847979	9.85E-07	6.81835
AV253089	Gnas,P1,P2,P3,GSP,Gsa,POH,GPSA,Nesp,	3.79E-06	5.3034
W41916	Gnaq,Gq,Dsk1,Dsk10,Galphaq,	2.00E-07	2.04497
BM207342	Gnai3,Gnai-3,AI158965,AW537698	1.69E-12	2.18689
U38501	Gnai1,Gnai-1,AU046200,Gialpha1	0.00026	2.35789
BG073165	Gna13,AU024132,AU043124,Galpha13	1.16E-06	1.79612
NM_134075	Gmpr2,AA959850,1810008P16Rik,5730544D12Rik	9.32E-14	2.40158
BI410722	Gmppb,AI317178,E430010H19	0.00055	2.28747
BB039426	Gmeb1,AI256615,AI481278,1110050A04Rik	0.00004	4.72709
AI747296	Gmds,C87208,BC031788,MGC18773,MGC103045	0.00002	2.61828
BB053232	Gm944,KIAA4238,mKIAA4238	3.22E-12	2.00191
BE629676	Gm885	7.43E-14	6.99377
BE690988	Gm837	0.00029	2.92188
BG065026	Gm784,Fndc3c,MGC100196,MGC100347	6.44E-08	7.01642
BG066456	Gm542	4.42E-28	5.44863
BB527649	Gm484	0.00037	4.00109
AI449447	Gm1805,Gm407,Gm721,MGC102209	0.00045	2.75607
BB626288	Gm1752,Gm611,MGC15606	0.00054	2.63191

BB213765	Gm1126	4.62E-06	4.881
AK010388	Glt8d1,AI450005,2410004H05Rik,5430414N14Rik	0.00003	1.77147
BB207363	Glis3,E230012L24,4833409N03Rik,E330013K21Rik	3.85E-09	4.86738
BM208214	Glipr2,C77180,GAPR-1,5730414A08Rik	1.11E-06	4.32559
BC025083	Glipr1,RTVP1,RTVP-1,mRTVP-1,2410114O14Rik	1.41E-28	6.8883
AW546128	Gli2,AW546128	2.31E-09	3.35417
NM_010296	Gli1,Zfp5,Zfp-5,AV235269	8.77E-04	2.34901
BG074127	Glg1,CFR,CFR-1,ESL-1,MG160,Selel,MG-160	0.00092	1.71288
NM_008122	Gja7,Cx45,Cnx45,Gja-7,C130009G16Rik	0.00006	1.72721
NM_016975	Gja3,Cx43,Cx46,Cnx46,Gja-3	4.45E-06	4.19641
M63801	Gja1,Cx43,Npm1,Cnx43,Gja-1,AU042049,AW546267	1.58E-18	23.53074
AW413620	Gig1,C030026M03,C030034L19Rik	0.00056	4.12069
NM_011820	Ggtla1,GGL,GGT-REL,AI551243	4.48E-10	4.46967
BC005772	Ggtl3,MGC12004,1110017C11Rik,6330563L03Rik	0.00056	6.77908
AI604259	Ggps1,C79210,AI843169,1810026C22Rik,9530089B04Rik	5.66E-12	2.98704
AV311526	Ggcx	0.00003	3.12492
U10551	Gem,AV020497	6.31E-06	3.18437
NM_010275	Gdnf,AI385739	0.00014	4.63767
BF660710	Gdi2,GDIB,Gdi3,GDI-B	4.26E-08	1.50703
NM_020619	Gcs1,AI181835,1810017N02Rik	2.69E-06	2.1011
BM239196	Gcnt2,IGnT,IGnTA,IGnTB,IGnTC,5330430K10Rik	0	15.00056
AK017462	Gcnt1,IGnT,B130048E03,C2 GlnAct,5630400D21Rik	4.31E-06	3.00075
BC019374	Gclc,Glcl,GLCL-H,Ggcs-hs,D9Wsu168e	4.47E-08	2.55044
BM239632	Gcl,mgcl-1,2810049L19Rik	0.00014	1.58441
NM_008094	Gba,GC,GBA1,GLUC,GCase	0.00001	1.76388
AW108522	Gatm,AT,AI314789,1810003P21Rik	1.34E-28	13.1663
NM_018855	Gas8,Gas11	7.44E-07	4.70355
AW547050	Gas5,Gas-5,MGC6251	4.55E-06	3.05761
BB770972	Gas2l3,Gm240,8430435B07Rik	0.00022	2.65987
BB769886	Gas2l1,GAR22,D0Jmb1,TU-71.1,RP23-64E17.7,4930500E24Rik	2.23E-18	3.46862
AU067654	Garnl4,Gm1561,AU067654,MGC130388	1.79E-14	3.66755
NM_008060	Ganab,G2an,Glull,AU042638,mKIAA0088	3.02E-24	3.07497
NM_010254	Galr2,mGalR	0.00024	5.25831
AV238718	Galnt4,BC024988,MGC32465,2900011G21Rik	1.18E-10	3.23533
BG064057	Galnt2,AI480629	3.34E-22	1.75221
BC021504	Galnt11,AI648252,A430075I06Rik,E430002F06Rik	0.00069	1.93022
BM217066	Galnt1	0.00002	1.71173
BC004002	Galns,FLJ00319,mFLJ00319	1.11E-06	2.09298
BB771515	Galk2,Gk2,AI327030,2810017M24Rik	3.62E-12	2.67353
NM_016905	Galk1,Gk,Glk,GALK,Glk1,AA409894	0.00007	3.02324
U18975	Galgt1,Ggm2,Ggm-2,GalNAct,GalNAct-T,GalNAct-T,	2.31E-11	16.6544
BE310730	Gak,MGC31204,D130045N16Rik	0.00092	3.00303
AK003937	Gadl1,1110027M19Rik	1.31E-06	3.7396
NM_007836	Gadd45a,Ddit1,GADD45,AA545191	3.06E-20	3.30953
BQ177003	Gabpb1,E4TF1,GABPB,BABPB2	0.00003	1.6882
BG172318	G630055P03Rik	3.76E-08	3.98163
BM232738	G630041M05Rik	0.00009	1.84392
BM234433	G431001E03Rik	1.43E-06	3.61439
BG069073	G430041M01Rik,AL022798	0.00001	1.5819
AK019325	G1p2,IP17,Irfp,UCRP,15kDa,IGI15,Isg15,MGC103144,MGC130321	0.00039	4.37772
BB371406	Fzd2,Fzd10,Mfz10,Mfz10a,AW456835	1.35E-12	15.71632
NM_021457	Fzd1,FZ-1,AW227548	4.88E-07	3.62185
AW909391	Fyn,AI448320,AW552119,MGC115870	0	3.11285
AB032010	Fxyd6,Php,0610030I18Rik	2.70E-11	4.54457
NM_016893	Fut8	2.53E-16	2.20876
AV264909	Fut11,AI317183,3110009G03Rik	0.00025	1.8099
AF224264	Fus,Tls,Fus1,D430004D17Rik,D930039C12Rik	0.00038	2.66782
BB488001	Fubp1,FBP,Fubp,Fubp4,D3ErtD330e,9530027K12Rik	0.0001	4.71195
NM_031380	Fstl3,Fllrg,E030038F23Rik	0.00027	5.34014
BI452727	Fstl1,Fstl,TSC-36,AI316791,AW107808	5.51E-06	2.32829
NM_008046	Fst	1.85E-32	12.02255
NM_007984	Fscn1,Fan1,AI663989	1.91E-11	4.40685
BM213356	Frmpr1,BC031840,mKIAA0967	4.66E-06	15.76631
BC019939	Frmr6,AW212977,2610019M19Rik,4930488L10Rik	0.00001	1.80166
BB099015	Frmr3,4.1O,P410,EPB41L4O,9430066I12Rik	6.34E-06	4.0604
BB831042	Frk,BSK,GTK,RAK,C85044,BSK/IYK	0.00002	3.3331

BE990928	Freq,Ncs1,Mfreq,NCS-1,AI836659,9430075O15Rik,A730032G13Rik	2.43E-12	7.05466
BI452538	Frem1	1.52E-09	5.59795
BB541392	Fras1,bl,mKIAA1500,E130113P14Rik	0.00005	2.97879
AV009267	Foxq1,sa,Hfh1,HFH-1,Hfh1l	1.42E-10	8.69741
BG962849	Foxp1,AI461938,AW494214,3110052D19Rik,4932443N09Rik	0.00006	3.34531
AV221013	Foxn2,HTLF,Fkh19,Foxn1,3230402J05Rik,6030465J18Rik	1.31E-08	1.66611
NM_010225	Foxf2,LUN,Fkh20,FREAC2	2.93E-22	14.33202
BB437522	Foxf1a,Hfh8,Foxf1,HFH-8,FREAC1,Freac-1,AI450827	0	14.14466
NM_013519	Foxc2,Mfh1,Fkh14,MFH-1,Hfhbf3	9.40E-11	12.11644
BM245170	Fosl2,Fra-2	0.00031	2.1133
BG245669	Folr1,FBP1,Folbp1,Folbp-1	3.27E-08	3.03713
AK013203	Fndc4,FRCP1,Fnmp1	1.34E-07	4.94418
BG067230	Fndc3b,Fad104,AW550168,KIAA4164,mKIAA4164,1600019O04Rik	1.99E-16	12.47713
BC022140	Fndc3a,Fndc3,D14Etd453e,1700094E19Rik,F730017H24Rik	8.91E-08	2.75767
BG064340	Fnbp3,FBP11,Fnbp11,2810012K09Rik	0.00005	2.3931
AW548221	Fnbp1l,TOCA1,AW548221,MGC30506,2610318I01Rik	2.13E-13	1.81477
BM234360	Fn1,Fn,Fn-1,MGC117493,E330027I09	1.37E-10	5.06037
BB138853	Fmnl3,Wbp3,FBP11,mKIAA2014,2700073B04Rik	0.00001	2.23049
BB817332	Flrt2	9.79E-11	3.75249
AW538200	Flnb,AL024016	8.41E-06	2.20779
BM233746	Flna,Fln1,ABP-280,F730004A14Rik	8.96E-20	3.00431
AF279263	Fkbp9,FKBP60,FKBP63,AW549641,1810014L23	4.53E-16	1.79928
NM_010222	Fkbp7,23kDa,FKBP23	4.67E-08	2.37025
NM_008020	Fkbp2,13kDa,mFKBP2,mFKBP13	0.00001	1.8077
NM_024169	Fkbp11,1110002O23Rik	4.87E-08	2.45909
NM_010221	Fkbp10,65kDa,Fkbp6,FKBP65,AI325255,Fkbp-rs1,Fkbp1-rs	7.68E-31	26.20703
AV230815	Fjx1	0.00027	5.52412
BM204835	Fip1l1,Rje,1300019H17Rik	0.00047	2.45705
NM_021891	Figl1	0.00025	7.08697
NM_010212	Fhl2,SLIM3,C76204	4.59E-22	9.60371
BG873440	Fgfr2,Bek,Fgfr7,Fgfr-2,Fgfr-7,KGFRTr,AU043015,	5.87E-10	6.83771
AW046863	Fgf9	1.04E-34	9.82613
NM_008008	Fgf7,Kgf	2.10E-15	4.15183
NM_053072	Fgd6,Etohd4,ZFYVE24,AA123052	0.00002	3.07455
BC011462	Fgd1,ZFYVE3	0.00005	2.70557
NM_021564	Fetub,Gugu,D17980,AI255764,2310011O17Rik	0.00011	3.57538
NM_008000	Fert2,Fer,Fert,AV082135,C330004K01Rik	5.60E-09	2.91458
BI555209	Fer1l3,2310004N10Rik,2310051D19Rik,E030042N20Rik	6.42E-38	19.73226
NM_010188	Fcgr3,CD16	0.00015	2.84264
M14216	Fcgr2b,CD32,Fcgr2,	9.85E-06	3.31498
AF143181	Fcgr1,CD64,IGGHAFc,AI323638,AV092959,FcgammarI	4.76E-21	5.63344
BF455337	Fbxo4,AI851261,AW494535,1700096C12Rik	0.00004	2.06443
BE914442	Fbxo38,Moka,SP329,AU044865,AW214031,6030410I24Rik	8.43E-06	1.6931
AK006369	Fbxo30,1700026A16Rik	2.78E-19	2.3982
AK013142	Fbxl2,Fbl3,2810423A21Rik	2.40E-14	9.49028
NM_010181	Fbn2,sy,sne,Fib-2,BC063774,KIAA4226,mKIAA4226	0	44.06173
AF007248	Fbn1,Tsk,Fib-1,AI536462,B430209H23	0.00002	2.2305
NM_011812	Fbln5,A55,EVEC,DANCE	1.54E-07	2.3251
BC007140	Fbln1	0.00032	5.78176
BG070068	Fblim1,Cal,Gt10,2410043F08Rik	8.95E-16	15.41426
NM_007990	Fau,MNSFbeta	3.53E-11	1.75274
AV088463	Fath,Fat1,mFat1,AU023433,2310038E12Rik	5.77E-17	5.12122
BE652876	Fads3,AI464531	2.07E-08	6.49133
BB277583	Fads1,DSD,AI317215,MGC37858,0710001O03Rik,A930006B21Rik	0.00084	2.12636
NM_021272	Fabp7,MRG,BIbp,B-FABP	1.54E-08	9.86165
BB327547	F730031O20Rik	0.00099	4.33301
BB042422	F730008N07Rik,	0.00019	1.63705
BC024886	F3,TF,Cf3,Cf-3,CD142,AA409063	0	11.20216
NM_007974	F2r1,Par2,PAR-2,Gpcr11	0.00005	8.53807
AV024285	F2r,Cf2r,Par1,ThrR,AI482343,MGC28086	9.95E-39	10.03393
NM_010168	F2,Cf2,Fil,Cf-2	2.14E-11	7.21262
BC021876	F11r,JAM,Jcam,JAM-1,JAM-A,Jcam1,	0.00066	1.7158
BC003755	Eya2,AI327163	0.00056	2.98568
BG071142	Extl3,Extl1,AU040105,KIAA0519,mKIAA0519,2900009G18Rik	2.16E-08	2.57776
NM_010162	Ext1,AA409028	0.00004	2.2878
BC024423	Exosc1,AI447561,2610035C18Rik,2610104C07Rik,2610312F07Rik	0.00008	1.61355

AK010620	Exoc2,Sec5,Sec5l1,AI648199,2410030I24Rik,RP23-213G18.3	0.00009	1.61711
NM_007965	Evi,AI528774	0.00022	2.56987
AI255184	Evi5,NB4S	5.44E-08	1.83788
AK003461	Etv5,ERM,1110005E01Rik,8430401F14Rik	0.00001	2.33671
BI901633	Etv1,ER81,Etsrp81	2.60E-13	6.78542
BB151715	Ets1,Tpl1,Ets-1,MGC18571,p42Ets-1,p51Ets-1	0.00013	1.54531
NM_007956	Esr1,ERa,ESR,Estr,ER[a],Estra,Nr3a1,ERalpha,	0.00006	21.81222
BC020038	Esm1,ESM-1,AV004503,0610042H23Rik	9.13E-23	27.83684
NM_016903	Esd,Es10,Es-10,sid478	1.41E-13	2.11657
AK013303	Erp29,Erp28,Erp31,PDI-Db,AW209030	9.55E-17	2.17117
BB071632	Erh,Mer,Prei1,MGC103398,MGC130271,MGC130272	4.42E-10	2.55784
NM_007950	Ereg,MGC36144	2.64E-07	13.63502
BF140685	ErbB3,Her3,C76256,ErbB-3,ErbB3r,MGC117742	0.00002	3.41374
BC028256	ErbB2ip,ErbIn,mKIAA1225,1700028E05Rik	6.34E-09	2.13685
BC027080	ErbB2,Neu,HER2,HER-2,c-neu,ErbB-2,c-erbB2,mKIAA3023	0.00021	2.68945
NM_007680	Ephb6,Mep,Cekl	0.00016	4.11174
BC014822	Ephb3,EtK2,HEK2,MDK5,Sek4,Cek10,Tyro6,AW456895	5.20E-16	13.45781
BE553881	Epha5,bsk,Cek7,Ehk1,Els1,Hek7,Rek7,AI854630	0.0003	1.64382
M68513	Epha3,Hek,Cek4,ETK1,End3,Hek4,Mek4,Tyro4,AW492086	5.50E-29	21.86194
BB873170	Entpd7,LALP1,Lysal2,1810012B13Rik	0.00028	3.0404
BI151440	Entpd1,Cd39,AA408691,NTPDase-1,2610206B08Rik	2.66E-22	7.80058
C76301	Enpp1,Pca,tw,twy,M6S1,NPP1,Npps,PC-1,Ly-41,Pca-1	4.27E-10	3.75867
NM_013509	Eno2,NSE,Eno-2,AI837106,D6Etd375e	0.00026	3.57985
AK018588	Eng,CD105,AI528660,S-endoglin	0.00035	1.72617
BM120053	Enc1,Nrpb,PIG10	9.92E-27	20.09614
AV329519	Enah,Mena,WBP8,Ndpp1,AI464316,AW045240	0.00001	2.25425
BC001999	Emp3,H4,H-4,Ymp,MI-35,HNMP-1	4.20E-09	2.8857
AF083876	Emp2,XMP	1.01E-14	11.24832
U25633	Emp1,TMP	0.00015	2.14553
NM_133918	Emilin1,gp115,AW229038,BB105748,EMILIN-1,5830419M17Rik	1.41E-21	51.39017
BC002218	Emid2,Emu2,Col26a,Col26a1,MGC7475,BC002218,9430032K24Rik	0.00006	4.11586
NM_080595	Emid1,CO-5,Emu1,AW122071,RP23-338J18.3	0.00003	3.09591
AB034693	Emcn,Muc14,AI315669,0610012K22Rik	8.23E-06	1.92759
BG064842	Emb,Gp70,AL022799,MGC21425	5.70E-35	10.0476
BB338945	Elov17,AI840082,9130013K24Rik	1.94E-06	2.31656
BB748075	Elov1,Ssc1,AA407424,BB151133	2.96E-14	3.33547
BM118719	Elk3,Erp,Net,Etrp,Sap-2,D430049E23Rik	0.00038	2.82647
BF320852	Eif4a1,Eif4,Ddx2a,BM-010	1.97E-23	2.52372
NM_018749	Eif3s7,eIF3p66,66/67kDa,AA407891,MGC115774	3.22E-06	1.65055
BC024463	Eif3s6ip,PAF67,HSP-66Y,MGC37328,0610011H21Rik	2.80E-13	1.64444
AW701127	Eif3s10,Csma,Eif3,mKIAA0139,A830012B05Rik	1.31E-07	10.47412
AV122850	Eif2s3y,Spy,Tfy,Eif-2gy	0.00049	2.85609
NM_010121	Eif2ak3,PEK,perk,AI427929	0.00017	1.7081
BM200591	Eif1a,Ef1a,Eftu,Eif4c,C76390,eIF-1A	8.23E-11	3.05249
BM200591	Eif1a,Ef1a,Eftu,Eif4c,C76390,eIF-1A	1.97E-10	2.81062
BM234719	Ehd3,Ehd2	3.31E-17	6.1104
AV346607	Egr3,Pilot,MGC124006,MGC124009	1.72E-15	7.25578
X06746	Egr2,Egr-2,Zfp-6,Krox20,NGF1-B,Zfp-25,Krox-20	1.47E-06	4.04278
BB284358	Egln3,SM-20,AI505553,AI648162,2610021G09Rik	2.08E-08	3.89479
BB315355	Eftud2,116kDa,Snrp116,U5-116kD	7.38E-07	2.15297
NM_010112	Efs	1.59E-10	4.34237
AK007560	Efhd2,AA408606,D4Wsu27e,2600015J22Rik	1.08E-06	4.03149
AA409309	Efhd2,AA408606,D4Wsu27e,2600015J22Rik	3.56E-12	3.45676
BQ176617	Efha1,Smhs2,AU041871,1110008L20Rik,4833427E09Rik	2.29E-10	2.05826
NM_021474	Efemp2,MBP1,0610011K11Rik	5.65E-10	3.65934
BC018223	Eef1a1,MGC7551,MGC8115,	1.06E-10	1.58558
AW558570	Ednra,ETa,ET-AR,Gpcr10	0	20.33941
BB377340	Edil3,Del1	0.0001	5.33595
NM_022983	Edg7,lpA3	0.00008	3.86794
AV310929	Edg5,H218,LPb2,S1P2,Gpcr13,1100001A16Rik	8.56E-06	4.29513
U48235	Edd2,Kdt2,lpA1,vzg-1,Gpcr26,AI326300,MGC29102,5031439C20	5.81E-06	2.42464
BG073486	Edd1,Edd,C77315,AW549941	2.76E-09	1.66433
AV246296	Eda2r,Xedar,TNFRSF27,MGC124099,9430060M22Rik	1.13E-25	12.70118
NM_007900	Ect2,AI528536,KIAA4037,mKIAA4037	0.00029	4.39112
NM_007899	Ecm1,p85,AI663821	5.98E-09	6.15286
AW553715	Ece1,ECE-1a,ECE-1b,ECE-1d,AW322500	8.44E-06	1.96325

NM_007898	Ebp,Td,mSI,Pabp,AI255399	0.00008	1.69934
BM242490	Ebi2	0.00033	5.72959
BC010442	E430018J23Rik,AI480612	4.19E-12	5.77114
BM119343	E430012K20Rik,AI662170,KIAA1223,mKIAA1223,mKIAA3019	3.33E-11	3.25662
BB555250	E330018D03Rik,FLJ10126	0.00086	2.09115
BM247465	E2f8,AA410048,4432406C08Rik	1.51E-12	8.42789
BB543028	E2f2,E130207A07	2.66E-14	6.4448
BB308071	E130306M17Rik	1.46E-10	8.06534
BF464487	E130114P18Rik	0.00003	5.8971
BG066858	E030041M21Rik,	2.12E-09	2.18615
BB794845	E030018N11Rik	6.84E-18	3.9868
BB529627	E030003F13Rik,AI450814	1.72E-17	3.79214
NM_019682	Dynll1,Pin,DLC8,Dncl1	0	2.46683
AK008822	Dync2li1,LIC3,D2lic,CGLI-60,mD2LIC	0.00008	1.59932
BM212035	Dync1li2,LIC2,Dncli2,Dncli2,AA409702,C920003I06	8.93E-14	1.92495
BC023347	Dync1li1,LIC-1,Dncli1,MGC32416,1110053F02Rik	1.10E-15	2.21515
NM_010063	Dync1i1,DIC,IC74,Dncic1	0.00023	6.04253
NM_030238	Dync1h1,Loa,P22,DHC1,DNCL,DHC1a,Dnec1,	3.55E-07	1.65359
NM_026268	Dusp6,MKP3,MKP-3,PYST1,MGC98540,1300019I03Rik	5.67E-06	2.56505
AK012530	Dusp4,AI844617,BB104621,2700078F24Rik,E130306H24Rik	0.00018	2.63735
L11330	Dusp2,PAC1	4.44E-09	6.35595
AK009744	Dusp14,Mkp6,MKP-L,D11Ert395e,1110014C10Rik,2310042C07Rik	4.20E-45	14.92894
BE951717	Dusp11,AI481497,2010300F21Rik	0.00025	1.71846
BB218727	Dus2l,2310016K04Rik	0.00054	3.08794
AW122183	Dtx4,RNF155,AI449438,BC044798,D930042H13	6.49E-06	2.79568
AV270035	Dtl,Ramp,2810047L02Rik,5730564G15Rik	0.00031	5.66063
NM_019771	Dstn,ADF,Dsn,com1,sid23p,AU042046,2610043P17Rik	3.27E-12	1.84287
NM_134448	Dst,ah,dt,Bpag,BP230,Bpag1,Macf2,	8.26E-07	6.14551
NM_007834	Dscr3,Dcra,MGC5833,AW538125	4.93E-11	1.94609
AW495265	Drp2,AW495265	6.28E-14	7.18071
NM_053090	Drctnbn1a	0.00092	1.77841
NM_009468	Dpysl3,TUC4,Ulip,Ulip1,CRMP-4	6.18E-28	8.36032
BE949451	Dpy19l1,AI225861,AW558481,6030402K12,1100001I19Rik	5.49E-07	2.80734
NM_133803	Dpp3,C86324,4930533O14Rik	0.0002	1.72083
AV341904	Dok4	0.00002	4.6281
BC013066	Dok1,p62DOK,AW557123	0.00023	2.06027
NM_026082	Dock7,Gm430,mKIAA1771,3110056M06Rik	0.00005	2.93168
BG065288	Doc2a	0.00098	2.39443
BB542096	Dnm3os,Hag2,Npn1,P/L01,6030416H16Rik,neoplastic progression 1	0	17.26858
BB038556	Dner,BET,Bret,MGC39059,A930026D19Rik	4.15E-10	21.68896
AK003892	Dnajc8,AL024084,AU019262,AU044514	3.56E-08	2.02315
BB108239	Dnajc5,Csp,AU018536,2610314I24Rik	1.34E-09	1.80076
BE624323	Dnajc3,p58,mp58,Prkri,AA408985,AU067833	2.80E-07	3.62638
AV114239	Dnajc10,JPDI,ERdj5,D2Ert395e,1200006L06Rik	3.29E-13	1.80628
BM240862	Dnajc1,MTJ1,ERdj1,Dnajl1,AA960110,	0.0005	1.5764
AI552982	Dnajb9,Mdg1,mDj7,ERdj4,AA408011	4.04E-11	6.39465
AK010861	Dnajb11,Dj9,ABBP-2,AL024055,1810031F23Rik	4.35E-06	1.92426
AK002290	Dnajb1,HSPF1,Hsp40,0610007I11Rik	0.00015	1.68417
BB698273	Dmwd,59,Dm9,DMR-N9,MGC37679,MGC115779	0.00033	5.43141
BB357590	Dmtf1,Dimp,Dmp1	3.36E-06	3.2132
U65020	Dmp1,PP,Dmp,AV020965	3.43E-08	8.51088
U79738	Dlx3,Dlx-3,AV237891	5.55E-08	3.50157
NM_010052	Dlk1,FA1,ZOG,pG2,Peg9,SCP1,Ly107,pref-1,AW742678	0	29.47471
NM_016747	Dlgh3,DLG3,SAP102,mKIAA1232	8.93E-21	3.95421
BB622767	Dlgh2,PSD93,Gm1197,A330103J02Rik,B330007M19Rik	0.00007	2.85508
BG066219	Dlgap4,DAP4,WBP16,	9.98E-06	1.90401
BC021314	Dlg5,T25557,mKIAA0583,4933429D20Rik	3.83E-11	2.26553
AK004853	Dkk3,C87148,AW061014	0.00007	5.23396
AF177196	Dio2,AI324267	1.59E-09	3.18658
Y15910	Diap2,DIA3,E430022I22Rik	0.00008	3.67212
U91922	Dhx9,RHA,Ddx9,NDHII,NDH II,AI326842,MGC90954	0.00004	2.85035
BB397009	Dhx29,Ddxx,AU043276,3732415M03,E130202M19Rik	0.00053	2.19522
BC003745	Dhx15,DBP1,HRH2,Ddx15,mDEAH9,MGC117685	2.59E-18	1.6169
BG295389	Dhcr24,mKIAA0018,2310076D10Rik,5830417J06Rik	0.00012	4.4144
AI646503	Dgkg,90kDa,Dagk3,	0.00001	5.17158
BB523554	Dgcr8,Gy1,N41,D16Wis2,D16H22S788E,D16H22S1742E	0.00051	2.23264

BB523554	Dgcr8,Gy1,N41,D16Wis2,D16H22S788E,D16H22S1742E	0.00001	1.61949
NM_018769	Dfna5h,DFNA5,2310037D07Rik,4932441K13Rik	2.06E-06	7.0241
NM_033562	Derl2,Flana,F-lana,CGI-101,BC005682	7.43E-06	1.77014
BC005799	Depdc1a,Depdc1,5830484J08Rik	0.0003	6.44204
AV260555	Dennd2a,mKIAA1277,C130031G22,B930096L08Rik	0.0004	1.94376
AV286991	Degs1,Degs,Des1,Mdes,AA536663	1.82E-19	1.88992
BG063981	Ddx58,RIG-I,C330021E21,6430573D20Rik	0.0002	1.98442
BB224909	Ddx50,GU2,RH-II,4933429B04Rik	3.08E-07	2.35292
AA210261	Ddx3y,Dby,D1Pas1-rs1,8030469F12Rik	0	36.45127
AV111502	Ddx39,BAT1,DDXL,URH49,2610307C23Rik	8.16E-07	1.62988
BB401872	Ddx31,Gm997,5830444G11Rik	0.00017	3.15793
BC011321	Ddx27,C86129	0.00006	2.40721
BB381966	Ddx26,HDB,DICE1,Notch2l,AI480962,2900075H24Rik	2.86E-18	6.12753
BB476615	Ddx17,Gm926,	0.00017	1.56157
BF225985	Ddr1,Cak,Nep,PTK3A,CD167a,AI323681,6030432F18	1.03E-08	5.68369
NM_007838	Ddost	0.00016	1.66577
AF071068	Ddc,Aadc	0.00019	3.34259
NM_015735	Ddb1,127kDa,AA408517,p127-Ddb1	2.34E-09	2.37403
BB770857	Ddah1,AI987801,AW050362,2410006N07Rik,2510015N06Rik	0.00017	3.96927
BB418548	Dcx,Dbct	3.76E-13	32.71583
BQ176904	Dcun1d4,AI836376,MGC117952	8.72E-07	3.50805
AK017809	Dcp2,2410015D23Rik,5730537H01Rik	0.00095	3.7378
AK014521	Dcblid1,4631413K11Rik	0.00002	3.80239
AW105916	Dcamk1,DCLK,Cpg16,mKIAA0369,1700113D08Rik	0	35.16696
AV328035	Dbnl,Abp1,SH3P7,mAbp1	1.02E-07	2.22276
AF187147	Dbn1	4.40E-07	3.98251
BC022165	Dapk2	1.11E-06	1.76697
BC024876	Dap,MGC6998,AI789753,AU040360,MGC19154,4921531N22Rik	3.33E-09	3.13911
BB374930	Dach1,Dac,Dach,AI182278,E130112M23Rik	0.00001	3.49647
AK017619	Dab2,p96,Doc2,Doc-2,AA960054,AI957090	0.00045	3.44079
BC025514	D9Ucla1,D130038B21Rik	0.00009	2.98983
BQ175713	D930050A07Rik	0.00003	6.02017
BM195829	D8ErtD82e,FLJ00269,MGC100334,mFLJ00269,9830148H23	1.23E-06	3.59966
BG068292	D8ErtD594e,C85457,AU022508,5330431C14Rik	3.71E-13	2.64097
AI480533	D7Wsu130e	0.0006	1.90857
BC011313	D7Wsu128e,Ubph,AI467302,D7Wsu105e	0.00034	1.63211
AK016470	D6Wsu176e,Fam3c	1.58E-06	2.43993
BB503633	D630044F24Rik,Gm1114,MGC106805	0.00032	4.51714
AK011230	D4st1,2600016L03Rik	0.0005	2.35132
BF321707	D3Wsu161e	0.0002	2.09144
BF658806	D3Ucla1,RAMP4,Serp1	1.83E-14	2.18391
BF658806	D3Ucla1,RAMP4,Serp1	0.00004	1.58325
NM_019995	D3ErtD300e,AA667204	3.44E-12	9.56643
BB449568	D330027G24Rik	2.34E-06	3.64726
BB098407	D330017J20Rik,FAM40B,mKIAA1170	2.78E-07	5.61311
AK016563	D2ErtD435e,76p,MGC28085,4932441P04Rik	0.00002	2.21732
BM238456	D230040A04Rik	0.00002	3.773
BB468551	D230019N24Rik	0.00096	1.9154
BB466171	D230007K08Rik,CLR16.2,FLJ00348,mFLJ00348	8.65E-06	4.35432
BB386177	D230005D02Rik,B230207J08	0.00005	2.39925
BG070219	D1ErtD646e	0.00099	2.23569
AK006466	D1Bwg1363e,AI414328,1700028N03Rik	7.94E-07	2.40945
AI314709	D19Bwg1357e,AA675048,KIAA0020,1110069H02Rik	3.14E-11	2.50642
BQ032363	D18ErtD653e,C18orf1,A430083H02,	0.00004	4.53806
AV116987	D17ErtD441e,Hn1l,AL022629,AY358078,	0.0002	1.84916
AK009258	D16ErtD472e,AI256766,AW536354,	5.11E-26	5.032
AF096898	D15Mit260,260,D15N2e,MIRab13	8.28E-06	2.73625
BM235412	D15ErtD621e,AV220772,BC033609,MGC40987,mKIAA0493	1.53E-12	3.0307
AV114522	D15ErtD366e,Eplin,1110021C24Rik,3526402A12Rik	3.59E-14	3.65778
AK008216	D130073L02Rik,Gm64,C10orf42,2010012O16Rik	4.93E-06	1.95045
BQ176320	D130072O21Rik,C86528,AI662855	0.00014	1.75036
BI102044	D12ErtD551e,CHR2SYT,KIAA1228,2410017M09Rik	7.81E-08	1.5732
BC027266	D11Moh35,AW049199,C030047H17Rik	9.50E-14	3.57663
AV025581	D10Wsu102e,AI747614,C430041118Rik	7.26E-09	2.86676
AK005026	D10Ucla1,Reep3	0.00026	3.78305
AU014694	D10ErtD610e,GEFT,2410008H17Rik	5.34E-08	1.684

BE949414	D10Ert438e,MGC7199,AU019165,AW538011,BC003223,	0.00012	1.59254
BF682730	D030029J20Rik,AW111866	0.00027	1.8432
NM_010516	Cyr61,CCN1,Igfbp10,AI325051	0.00015	1.96953
NM_007825	Cyp7b1,hct-1,AW261589,D3Ert4552e	5.83E-13	2.87329
AK009445	Cyp4f16,AI746515,2310021J05Rik	1.59E-09	11.73031
AB039380	Cyp3a44	0.00014	2.04408
AK020848	Cyp20a1,Cypm,A930011N14Rik	0.00081	2.58715
BI251808	Cyp1b1,CP1B,P4501b1	0.00033	3.07163
BM119209	Cyld,EAC,CDMT,CYLD1,mKIAA0849,2010013M14Rik	2.17E-06	3.69766
NM_011370	Cyfp1,Shyc,Sra-1,KIAA0068,P140SRA-1	1.28E-14	1.8037
BE945607	Cybrd1,Dcytb,2210407P13Rik	1.93E-09	8.25112
NM_007807	Cybb,Cgd,Nox2,C88302,gp91phox,gp91<phox>	9.43E-06	2.7775
AK018713	Cyba,b558	1.29E-07	2.00394
AF332060	Cyb5r3,Dia1,Dia-1,C85115,0610016L08Rik,2500002N19Rik	0.00071	6.21187
NM_019720	Cyb561d2,Tsp10,AW049681	7.43E-08	2.2089
NM_030712	Cxcr6,BONZO,STRL33,BB217514,BONZO-like	1.35E-06	6.32495
D87747	Cxcr4,CD184,LESTR,Cmkar4,PB-CKR,PBSF/SDF-1	2.63E-39	4.94348
BC019961	Cxcl16,SR-PSOX,AV290116,BB024863,0910001K24Rik	2.14E-06	5.5295
AF252873	Cxcl14,KS1,Kec,BMAC,BRAK,NJAC,MIP-2g,Scyb14,	2.07E-09	2.51955
BC012653	Cx3cr1	4.20E-31	26.39593
AA023906	Cutl1,CDP,Cux,Cux1,	2.23E-08	3.64448
NM_025611	Cul7,p185,p193,AA409809,2510004L20Rik,C230011P08Rik	1.59E-11	3.74568
BM241206	Cugbp2,ETR-3,Napor,C88023,Napor-2,B230345P09Rik	0.0002	2.47298
BI652465	Cttnbp2nl,MGC7720,AA552995,	1.58E-07	3.14113
BC011434	Cttn,Ems1,1110020L01Rik	7.41E-20	2.87562
NM_022325	Ctsz,CTSX,AI787083,AU019819,D2Wsu143e	0	2.34603
NM_021281	Ctss	0.00009	3.22472
J02583	Ctsl,fs,MEP,nkt,1190035F06Rik	3.18E-15	1.57841
NM_007802	Ctsk,Ms10q,MMS10-Q,AI323530	9.70E-06	3.25567
BF580235	Ctse,CE,CatE,A430072O03Rik,C920004C08Rik	2.07E-06	7.52053
NM_009982	Ctsc,DPP1,DPPI,AI047818	3.18E-06	1.88853
NM_016748	Ctps	6.42E-13	3.03179
NM_007615	Ctnnd1,P120,Catns,Ctnnd,AA409437,AU019353,mKIAA0384	1.85E-08	2.98517
NM_007614	Ctnnb1,Mesc,Catnb	0.00047	1.51894
BG066669	Ctnna1,Catna1,AA517462,AI988031	7.56E-08	3.82376
NM_007796	Ctla2a,Ctla-2a	0.00051	1.84434
AK003674	Cthrc1,1110014B07Rik	4.03E-13	44.50333
NM_010217	Ctgf,Hcs24,Fisp12,fisp-12	4.20E-45	12.01685
BG070878	Ctdspl2,D2Ert485e	0.00011	2.38594
AK016213	Ctdp1,AW553592,4930563P03Rik	3.78E-11	2.3492
BC003241	Cstf3,C79532,MGC6373,4732468G05Rik	5.91E-08	2.33407
BM120662	Cstf2,64kDa,Cstf64,C630034J23Rik	0.00079	1.69972
NM_007793	Cstb,Stfb,AA960480	2.88E-07	2.04371
AK003744	Cst6,ichq,N28197,1110017E11Rik	5.73E-09	3.85803
NM_013808	Csrp3,MLP,CRP3,MMLP	0.00001	4.53863
BF124540	Csrp1,CRP1,Csrp,AA408841,AA959891,AW545626	0.00002	3.29778
BB377873	Cspg4,AN2,NG2,4732461B14Rik	7.70E-11	4.60767
BM251152	Cspg2,NG2,hdf,PG-M(V0),PG-M(V1)	6.51E-31	12.13044
BG070990	Csnk2a2,CK2,C77789,1110035J23Rik	1.68E-07	1.84821
BB283759	Csnk2a1,MGC102141,Csnk2a1-rs4	0.00001	3.75135
BM215803	Csnk1g3,3300002K07Rik	1.35E-09	2.7637
BB529152	Csnk1d,AA409348,1200006A05Rik,D930010H05Rik	0.00049	1.94252
BG070544	Csnk1a1,Csnk1a,	1.65E-11	2.18393
BG094076	Csk,AW212630	0.00031	2.59142
BF661863	Csf2rb1,Bc,Il3r,AIC2B,Il3rb,Il5rb,CDw131,Il3rb1,Csfgmrb,AI848964	0.00041	7.91311
AK010433	Cryz11,2210407J23Rik,2410006O11Rik	0.00014	1.53827
NM_019922	Crtap,CASP,5730529N23Rik	1.18E-07	2.2392
AK017702	Crry,Mcp,mCRY,MGC102484	0.00038	2.38967
NM_018827	Crlf1,CLF-1,CRLM3,NR6.1	4.78E-15	12.70859
NM_024223	Crip2,Crp,Hlp,CRP2,ESP1,C77570,AW743261,0610010I23Rik	3.35E-12	2.74213
NM_007763	Crip1,CRHP,CRP1,Crip	6.59E-11	2.37317
BC010712	Cri1,EID1,EID-1,ORF12,PTD014,PNAS-22,2610002K20Rik	3.45E-14	2.573
BB230757	Creb3l2,BBF2H7,C530025K05Rik	0.00061	2.30026
AU044960	Creb3,Luman,C80076,LZIP-1,LZIP-2,AU044960,AW538053	1.56E-24	3.23326
AK014391	Creb1,Creb,Creb-1,AV083133,2310001E10Rik,3526402H21Rik	2.95E-06	1.5442
BC018397	Crabp2,Crabp-2,CrabplI,AI893628	0.00002	54.73571

BE956581	Cpt1c,MGC101932,6530437J22Rik,9630004I06Rik	2.87E-08	3.79086
AI987925	Cpt1a,CPT1,Cpt1,C730027G07	1.13E-09	1.85131
BB377034	Cpsf6,CFIM,CFIM68,AI256641,HPBR11-4,HPBR11-7,4733401N12Rik	1.06E-06	2.83389
BC023348	Cpne2,MGC30751,MGC37787	4.13E-11	3.44313
AK004327	Cpm,MGC118152,1110060I01Rik,5730456K23Rik	0.00007	3.80959
NM_009946	Cplx2,921-L,AI413745,AW492120	0.00073	2.19848
NM_007754	Cpd,AA960140,AW322530,D830034L15Rik	3.92E-11	1.93287
AK003061	Cpb1,AI504870,0910001A18Rik,1810063F02Rik,2210008M23Rik	7.22E-08	8.69835
BB072673	Cpa6,9030616D13Rik	0.00003	5.07334
BB332449	Cp,D3ErtD555e	3.35E-07	3.17722
AV013496	Cox6b2,COXVIB2,BC048670,MGC130249,MGC130250	1.54E-10	3.64452
AW548837	Coro1c,AL022675,AW455561,AW548837,MGC102522	6.80E-21	4.89503
NM_011778	Coro1b	6.98E-11	2.925
BC002136	Coro1a,p57,TACO,Clabp	2.85E-21	6.71645
NM_019877	Copz2,zeta2-COP,1110012D12Rik	0.00019	1.51108
BC024686	Copg,Copg1,AU019265,BC056168,D6Wsu16e,	2.43E-06	2.07046
AV109541	Copb2,AI256832	8.29E-06	1.766
BF147382	Copb1,2610019B04Rik	7.07E-08	1.7863
BM204808	Copa,xenin,AU040324	6.40E-07	3.25636
BB765132	Colec10,MGC123727,MGC123950,MGC123951	0.00002	4.59366
BG229308	Col8a2,AI429819,MGC90765	0.00005	3.93178
NM_007739	Col8a1,Col8a-1	1.47E-37	16.92749
AF064749	Col6a3,Col6a-3,AI507288	0.0001	2.19916
BI455189	Col6a2,Col6a-2,MGC36205	5.59E-12	3.64076
NM_009933	Col6a1,Col6a-1,AI747156	3.69E-13	3.12735
AV229424	Col5a2,D230017N05,1110014L14Rik	2.18E-06	4.00033
AW744319	Col5a1	6.42E-27	5.60128
BB794645	Col4a6,BB116301	2.94E-21	23.70033
BM250666	Col4a5	1.11E-11	5.22341
BC013560	Col4a2,Col4a-2,MGC7371,AU019502,canstatin	2.62E-13	2.50418
BF158638	Col4a1,Col4a-1	3.31E-25	3.44987
BG075843	Col3a1,Ms10w,Col3a-1,MMS10-W,AW550625,	5.69E-39	12.62933
BB044654	Col27a1,AI449266,mKIAA1870,5730512J02Rik	3.22E-17	21.6827
AI429655	Col23a1,AI429655,2810458L13Rik	1.98E-06	6.43902
BF227507	Col1a2,oim,Cola2,Cola-2,Col1a-2,AA960264,AI325291	0.00095	2.25732
U08020	Col1a1,Cola1,Mov13,Cola-1,Mov-13,Col1a-1	0.00002	2.58047
NM_007733	Col19a1	0	19.80542
D17546	Col18a1,endostatin	0	33.65449
BB766878	Col16a1,CA1F,AI838662,2700007F12Rik,A530052M23Rik	5.21E-09	3.42852
AW412729	Col12a1,AW743884	7.80E-09	6.56639
BB731671	Coch,AW122937,Coch-5B2,D12H14S564E	0.00003	5.85122
AI415085	Cobl,mKIAA0633,4732460E13,C530045F18Rik	1.68E-10	3.521
NM_007727	Cntn1,CNTN,F3cam,AW495098	0.00009	3.80757
BQ177934	Cnr1,CB1,CB>1<	4.45E-07	7.71568
BC018506	Cnot6l,MGC29037,DKFZp434K098,4932442K20Rik	7.65E-10	2.94441
BM940481	Cnot6,CCR4,AA407540,AW456442,MGC98472,A230103N10Rik	1.50E-23	2.51749
AI314104	Cnn3,C85854,1600014M03Rik	0	7.66769
BI663014	Cnn2,AA408047,AI324678	3.70E-08	3.0827
AV351864	Cnksr3,Magi1,BC024086,MGC37681,6820402C05	0.00072	1.77718
NM_133978	Cmtrm7,Cklfsf7,AI481279	0.00002	3.22854
BF140275	Clta,AV026556	8.08E-06	2.84307
AI448973	Clstn2,Cs2,CSTN2,Cst-2,AI448973,KIAA4134	0.00007	3.29858
AV290890	Clock,mKIAA0334,5330400M04Rik	0.0004	2.21219
BC015080	Clk2,AU041688	0.00004	1.53535
BB398988	Clic4,TU-74,mc3s5,D0Jmb3,mtCLIC	0.00003	2.71204
NM_033444	Clic1,G6,Clcp	2.96E-20	2.89021
NM_021364	Clec5a,Mdl1,Ly100,MDL-1,Clecsf5,MGC129446,MGC129447	0.00037	3.48811
AF240358	Clec4n,Clecsf10,dectin-2	1.06E-24	21.262
NM_010819	Clec4d,mcl,Mpcl,mMCL,Clecsf8,MGC117678	3.78E-11	13.10337
BB035924	Clec1a,5930406N14Rik	0.00001	3.70567
NM_009131	Clec11a,Scgf,Clecsf3,AW457320	0.00083	2.55244
BB026487	Cldn9	1.60E-09	8.76915
NM_016675	Cldn2,AL022813	0.00024	6.27592
BB202611	Cldn10,D14ErtD728e,6720456I16Rik	0.00028	3.78328
BB794830	Cicn5,Cic5,T25545,5430408K11Rik,D930009B12Rik	0.00032	2.50942
BB825816	Clcf1,CLC,Bsf3,MGC129162,MGC129163	3.76E-07	10.15293

NM_025415	Cks2,CKSHS2,1110038L14Rik	8.61E-07	8.55709
AY046597	Cklf,C32,CKLF1,CKLF3,CKLF4	0.00097	1.97739
BG967663	Ckb,B-CK,Ck-3	8.21E-10	3.44699
BB312117	Ckap4,P63,CLIMP-63,5630400A09Rik	1.84E-19	18.25611
BM208103	Ckap2,LB1,AI461656,AW228814	0.00083	5.64145
NM_025548	Ckap1,CG22,TBCB,CKAPI,AU041393,2410007D12Rik	6.42E-10	1.64041
BC003714	Cib1,Kip,Cibkip,Prkdcip	1.69E-32	3.18728
BE979542	Chtf18,Chl12,MGC38008,6030457M03Rik	0.00011	5.71957
BQ174991	Chsy1,KIAA0990,mKIAA0990	2.03E-08	3.3869
NM_018763	Chst2,Chts2,GST-2,Gn6st,AI428561,AW121776	1.55E-10	11.37479
AK003880	Chst11,C4s,C4ST,C4ST1,C4ST-1,1110020P09Rik	5.24E-35	9.15577
NM_023850	Chst1,C6ST,Gst1,GST-1,AW125896,KSGAL6ST,2610008E20Rik	1.55E-07	2.76012
NM_009604	Chrng,Acrq,Achr-3	0	53.09158
NM_021600	Chrnd,Acrd,Achr-4,L10076	6.83E-06	3.78851
NM_007389	Chrna1,Acra,Achr-1,AI385656,AI608266	0	14.03428
AK006398	Chn2,Bch,ARHGAP3,1700026N20Rik	0	29.43799
NM_029716	Chn1,ARHGAP2,AI413815,0610007I19Rik,	4.23E-21	6.51488
AK003313	Chmp5,AW545668,2210412K09Rik	7.35E-10	1.55721
NM_013490	Chka,Chk,ChoK,EtnK-alpha,Chetk-alpha	0.00016	2.28125
NM_028850	Chic2,BTL,1700081B18Rik,4930502K01Rik	7.05E-07	1.55026
BG065782	Chic1,Brx	5.05E-22	6.84786
BC005611	Chi3l1,Gp39,Brp39,brp-39,AW208766	1.24E-09	3.8281
AW553385	Chfr,RNF116,C230082M18,5730484M20Rik	2.59E-08	1.50562
AK011183	Chd3,Chd7,Prp7,Prp9-1,AF020312,MGC40857,2600010P09Rik	0.0001	1.74406
NM_007690	Chd1,AI851787,AW555109,4930525N21Rik	2.01E-06	2.36821
BB458460	Chchd6,0710001P09Rik,1700021B03Rik	0.00021	1.991
BE991735	Chchd5,AW045710,1110027L01Rik	0.00007	6.0712
NM_009890	Ch25h,m25OH,AI462618	0	36.95177
BC023116	Cgref1,CGR11,AW045201,1110004G24Rik	0.00009	5.51899
BI654095	Cggbp1,AA960172,AL023996,AW045841	0.00005	1.55032
NM_007687	Cfl1,Cof,cofilin,AA959946	1.24E-09	3.09083
AI987976	Cfh,NOM,Sas1,Mud-1,Sas-1	3.33E-06	2.57857
BI905090	Cerk,AI848610,mKIAA1646,D330016D08Rik	4.73E-06	3.67875
AW457682	Cep57,Tsp57,AI467480,mKIAA0092,	0.00014	1.82147
BE688580	Centg2,Ggap1,R75364,mKIAA1099	0.0009	3.59675
BC027165	Centa2	6.96E-06	2.15409
NM_007683	Cenpc1,Cenpc	0.00064	1.96109
AA285490	Cdr2l,Gm21,D030068L24Rik	0.00021	3.34131
NM_007672	Cdr2,AA617262	0.00008	1.96114
NM_021339	Cdon,CDO,Cd0,Orcam,MGC129383	1.42E-06	5.06421
AF059567	Cdkn2b,p15,MTS2,INK4b,AV083695,p15INK4b,p15(INK4b)	9.01E-24	12.64717
NM_009877	Cdkn2a,Arf,p16,MTS1,p19ARF,p16INK4a,	3.75E-14	8.90985
NM_007669	Cdkn1a,P21,CDKI,CIP1,SDI1,Waf1,mda6	2.03E-24	35.25872
BC025046	Cdk8,MGC37111	0.00035	1.62214
BM238926	Cdk6,Crk2,AI504062,5830411I20	4.57E-22	9.1219
BB177836	Cdk5r1,p35,Cdk5r,D11Bwg0379e	8.55E-10	6.32708
NM_009870	Cdk4,Crk3	1.19E-22	2.79357
AK004852	Cdk2ap1,Doc1,ST19,Apc10,DORC1	0.00065	1.73218
NM_016756	Cdk2,A630093N05Rik	0.00001	2.15997
BC021473	Cdipt,Pis,Pis1,D7Bwg0575e,9530042F15Rik	0.00008	1.93143
BB311117	Cdipt,Pis,Pis1,D7Bwg0575e,9530042F15Rik	2.73E-10	1.82789
BC022107	Cdh2,CDHN,Ncad,N-cadherin	6.39E-24	9.06017
NM_007662	Cdh15,Mcad,Cdh14,AI323380	7.57E-07	2.57108
NM_009866	Cdh11,Cad11,MGC25339,2810038F24,2610005L07Rik	1.84E-39	14.9272
NM_009864	Cdh1,Um,UVO,Ecad,AA960649,MGC107495	2.60E-12	3.3507
AV307110	Cdca8,BOR,MESRGP,AU044747,D4Ert421e,4831429J16Rik	2.21E-06	12.1173
BC006933	Cdca7l,JPO2,BC006933,MGC11998	7.91E-06	3.03347
NM_026410	Cdca5,C85404,AL024086,AW536684,2610036L13Rik	0.00032	6.24263
AF322238	Cdca4,HEPP,2410018C03Rik	6.89E-06	5.042
BI081061	Cdca3,C8,Grc8,Tome-1,2410005A12Rik	0.00005	4.9462
NM_011799	Cdc6,CDC18L	0.00013	4.19986
NM_009862	Cdc45l	0.00003	2.91853
AK008084	Cdc42se1,SCIP1,Spec1,Cdcse1,AW558204,1300002M12Rik	3.90E-10	3.03951
NM_020006	Cdc42ep4,CEP4,Borg4,1500041M20Rik	0.00079	2.88885
BI651416	Cdc42bpg,BC046418	0.00002	2.50313
BI154551	Cdc42bpb,DMPK-like	0.00083	10.13557

BG518726	Cdc42bpa,DMPK-like,A930014J19Rik	4.23E-08	3.75044
BG070538	Cdc2l5,2310015O17Rik	0.00012	3.55205
NM_007659	Cdc2a,CDK1,Cdc2,p34<CDC2>	0.00005	12.20806
BB754492	Cdc27,APC3,HNUC,CDC27Hs,AI452358,BC023187	0.00024	2.03543
NM_023117	Cdc25b,AI604853	5.48E-32	5.74776
BB041150	Cdc20,C87100,p55CDC,2310042N09Rik	0.00004	3.73868
BB334959	Cd99l2,Xap89,Mic2l1,AW548191	7.13E-06	5.10897
AK002762	Cd99,D4,pilr-1,1110061M03Rik,2410026K10Rik	0.00008	4.86073
NM_011925	Cd97,TM7LN1,AA409984	7.35E-12	3.6943
NM_007657	Cd9,Tspan29	2.94E-26	3.30203
NM_019388	Cd86,B7,B70,MB7,B7-2,CLS1,Ly58,Ly-58,Cd28l2,TS/A-2	0.0001	4.88907
NM_007656	Cd82,C33,Kai1,Tspan27,AA682076,AL023070	2.17E-21	5.0212
NM_133655	Cd81,Tapa1,Tapa-1,Tspan28	3.17E-08	1.61355
BC003476	Cd74,li,CLIP,DHLAG,HLADG,la-GAMMA	0.00045	2.31556
X66083	Cd44,Ly-24,Pgp-1,HERMES,AW121933,AW146109	1.39E-27	27.99852
BB220422	Cd40,IGM,p50,Bp50,GP39,IMD3,TRAP,HIGM1,	5.73E-10	11.62753
M58149	Cd3g,T3g,Ctg3,Ctg-3	0.00003	4.53104
NM_025422	Cd302,AI159627,1110055L24Rik	0.00002	1.81744
AF251705	Cd300d,CLM4,DlgR1,Igsf7,Lmir2,Cd300c,MAIR-II	4.96E-07	2.28812
AI536469	Cd300a,CIm8,LMIR1,MMAC8,Pigr4,mcpir1,MAIR-la,B230315M08Rik	8.45E-08	4.45218
NM_009841	Cd14	0.00022	2.60187
AV246882	Cd109,GARP,AI480638,9930012E15Rik	7.40E-09	67.72136
NM_009840	Cct8,Cctq,AI132397	0	1.58835
NM_007638	Cct7,Ccth,Cctz,AA408524,AL022769	4.10E-06	1.59079
AI325146	Cct6a,Cct6,Cctz-1	1.14E-20	1.62629
BM206269	Cct4,A45,Cctd,C78323,2610204B21Rik	0.00008	3.12915
NM_009836	Cct3,Cctg,Tric-P5,AL024092,Tcp1-rs3	2.10E-26	1.57221
NM_007636	Cct2,Cctb	2.21E-15	1.81743
NM_010490	Ccrn4l,Ccr4,AU043840,nocturnin	0.00005	1.97436
BB543291	Ccr1l,PPR1,CCBP2,CCR11,VSHK1,CCX-CKR,	0.0001	2.50583
BB148128	Ccr2,CKR2,CCR2A,CCR2B,CKR2A,CKR2B,mJE-R	0.00014	2.55667
AV231648	Ccr1,Cmkbr1,Mip-1a-R	0.00007	4.07655
BM250672	Ccnl1,Ccnl,ania-6a,AU018493,2610030E23Rik	2.31E-17	1.66386
NM_017367	Ccni	0.00002	1.64079
U95826	Ccng2,MGC113793	1.86E-12	1.98851
BE691816	Ccnd3,C78795,AA682053,AL024085,AW146355	1.47E-21	11.71015
NM_007631	Ccnd1	0.00067	2.32211
AK014079	Ccnc,CG1C,AI451004,AU020987	0.00009	3.68138
AK013312	Ccnb2,CycB2	5.54E-08	8.8158
NM_007629	Ccnb1-rs1,CycB1,Cycb-5,Cycb1-rs1	0.00033	14.54338
X75483	Ccna2,Ccn1,Ccna,Cyca,Ccn-1,AA408589	1.05E-06	9.81633
AF128193	Ccl7,fic,marc,mcp3,MCP-3,Scya7	0.00057	4.4075
NM_011337	Ccl3,Mip1a,Scya3,G0S19-1	0.00003	5.45841
AF065933	Ccl2,JE,HC11,MCAF,MCP1,MCP-1,Scya2,Sigje,SMC-CF,AI323594	0.0004	4.53613
U50712	Ccl12,MCP-5,Scya12	0.00002	12.18343
AK011186	Ccdc9,2600011L02Rik	0.00078	2.75953
BQ174391	Ccdc39,AI447426,D3Erd789e,4921507O14Rik	0.00053	2.09887
AV295080	Ccdc32,Gm631,MGC60849	2.35E-08	1.96638
AW538049	Ccar1,Carp1,MGC90759,2610511G16Rik,9430036H15Rik	2.03E-14	1.82359
NM_007626	Cbx5,HP1,HP1a,C75991,2610029O15Rik	5.19E-23	3.47349
BB458874	Cbl,cbl,Cbl-2,c-Cbl,4732447J05Rik	0.00013	3.31432
BC023022	Cbara1,CALC,MGC29229,MGC36365,	0.00008	2.24801
NM_007617	Cav3,Cav-3,M-cav,AI385751,M-caveolin,caveolin-3	0	4.13877
NM_009814	Casp2,ESTM52,AA033488,AW146219,MGC115896	3.17E-23	6.78721
NM_009811	Casp6,Mch2,mCASP-6	1.78E-08	2.30405
D86352	Casp3,Lice,Yama,CPP32,Apopain,Caspase-3,A830040C14Rik	1.19E-09	7.35831
NM_007609	Casp11,Casp4,Caspl,ich-3,Caspase-11	1.52E-06	6.28993
Y17137	Cask,LIN-2,Pals3,DXPri1,DXRib1,mLin-2,MGC7449	0.00053	4.0559
AV311104	Casc4,VGFG2573,D130060C09Rik	1.83E-31	7.91579
BB766747	Card6,D730008L15	9.09E-08	2.87696
NM_007606	Car3,Car-3,BB219044	9.61E-16	2.86859
AK010166	Car13,2310075C21Rik	3.52E-10	4.34806
AI463215	Capza1,CAPZ,CAZ1,Cappa1	8.95E-16	1.58161
AW743924	Capns2,2310005G05Rik	1.33E-07	10.68003
AI747133	Capn6	1.36E-37	65.9057
BC014767	Capn5	3.80E-06	4.5419

NM_009794	Capn2,Capa2,Capa-2,AI326419,m-calpin	1.35E-26	2.02975
BB136012	Capg,mh1,gCap39	5.55E-09	3.48514
NM_007598	Cap1	1.55E-15	1.67908
AI988026	Canx,CNX,AI988026,D11Erd153e,1110069N15Rik	7.17E-14	3.58602
AI510077	Cand1,Tp120a,AI195005,AI846556,	2.01E-17	2.6336
AK005444	Camsap11I,mKIAA1078,1600013L13Rik,4930541M15Rik	2.56E-19	2.36714
AW061083	Camkk2,AW061083,mKIAA0787,6330570N16Rik	2.45E-06	1.97526
BB373572	Camk2d,KIAA4163,MGC60852,	0.00073	1.97868
BG862223	Camk2b,Camk2d,MGC90738	0.00009	5.78483
BB230839	Camk1d,CKLiK,A630059D12Rik,E030025C11Rik	5.05E-09	2.05967
NM_007594	Calu,9530075H20Rik	3.05E-31	2.87031
AW544960	Calr,CRT,Calregulin	2.71E-13	2.03834
NM_027416	Calml3,AI326174,2310068O22Rik	3.91E-15	22.32328
AK014755	Cald1,AI195384,AV071549	4.96E-21	15.93808
AK010453	Cad,Cpad,AU018859,2410008J01Rik	2.56E-09	4.28651
NM_007581	Cacnb3,Beta3,Cchb3	3.75E-17	4.67064
NM_009785	Cacna2d3,Cacna3	0.00008	6.68266
BB464523	Cacna2d1,Cacna2,Cchl2a	0.0001	2.43553
BB730977	Cachd1,Vwcd1,AI852726,mKIAA1573,	6.04E-07	2.51825
BM213777	C920006C10Rik,	0.00012	2.45223
BQ031259	C79267,MGC36549	2.21E-15	7.92354
C77805	C77805	1.27E-07	3.29778
BB001490	C77604,G10,EDG2,EDG-2	1.38E-17	1.5332
BG075041	C730024G19Rik,A230083D09	0.00005	2.06233
NM_009779	C3ar1,AZ3B,C3AR,HNFAG09	0.00044	4.19787
BI104294	C330027G06Rik	5.85E-06	2.34964
AU018569	C330027C09Rik,AA408511,AU018569	0.00005	2.0996
BE985366	C330008K14Rik,1700003A01Rik	1.41E-07	2.85716
BG075755	C230098O21Rik,AI836570,AW557042	0.00031	2.17129
BG064982	C230096C10Rik,mKIAA0090	0.00062	1.55411
BC026466	C230081A13Rik,AA690169,BE132841	0.00002	3.67291
BC022123	C1s,C1sa,AA959438,AI255193,AI327365,MGC37773	0.0002	1.6418
AK012868	C1qtnf6,CTRP6,AI415568,AW743441,2810036M19Rik	0.00002	4.28006
BC023068	C1qtnf5,CTRP5	2.38E-15	3.26097
NM_030888	C1qtnf3,Cors,CTRP3,Corcs,CORS-26,	1.03E-17	27.55547
BB768838	C1ql3,C1ql,K100,AI661623,1110065A22Rik	0	25.47951
NM_007574	C1qg,C1qc,AI385742	2.90E-11	2.50181
NM_009777	C1qb	3.79E-25	2.69943
BM116147	C130089L09Rik	0.00069	5.83176
BG068916	C130086A10	6.64E-06	6.68487
BB202655	C130076O07Rik,NrCAM,mKIAA0343,C030017F07Rik	8.66E-14	6.84286
AV320517	C130075A20Rik,AV320517	2.13E-15	3.84954
BC026562	C130052I12Rik,Crr9,MGC36304	7.94E-14	1.68578
BB526251	C130009A20Rik	8.96E-10	3.44896
BB771017	C030033M12Rik	0.00003	2.36832
BQ174247	C030032C09Rik,MGC102232	2.50E-06	3.42192
BB358264	C030027H14Rik,AI836126	6.43E-09	1.96341
AV144956	Bzw1,MGC6434,mKIAA0005,1200015E15Rik	0	2.81481
AV101079	Bzrp,IBP,PBR	4.50E-28	2.09115
BE986800	Bub3,C78067,AU019800,AU021329,AU043350,AW146323	5.20E-07	1.53934
AU045529	Bub1b,BUBR1,AU045529,MGC36092	0.00031	7.19769
AF002823	Bub1,Bub1a,C80208,D2Xrf87,AL022991	0.00009	11.05099
NM_009770	Btg3,ANA,tob5	6.36E-07	2.94646
L16846	Btg1,AW546738	0	2.91495
BQ175196	Btbd9,AI464421,4930402L05,1700023F20Rik	0.00026	2.06688
BC018174	Btbd3,MGC25591,mKIAA0952	0.00009	2.65623
AW987520	Brwd3,Brodl,Gm596,D030064D06Rik	0.00076	1.74816
BM219644	Brd8,SMAP,2610007E11Rik,4432404P07Rik,4933408B17Rik	1.15E-10	1.83517
BG072367	Brd3,ORFX,Fsrg2,RINGL3,AW060456,2410084F24Rik	0.00034	3.10769
BB327307	Braf,B-raf,Braf2,Braf-2,C87398,	0.00015	2.30282
BE992311	Bola2,BolA-2,1110025L05Rik	0.00003	2.76911
NM_016778	Bok,mtd,matador,AI847676,AU021146	2.32E-11	9.02267
AI450929	Bnc2,MGC124423,MGC124424,5031434M05Rik	4.73E-14	1.6508
AW546137	Bmpr2,BMP-2,BMPR-II,AL117858,AW546137,	2.85E-16	1.55452
NM_007557	Bmp7,OP1	2.76E-20	20.67635
NM_007556	Bmp6,Vgr1,Vgr-1,D13Wsu115e	0.00003	1.85145

NM_007555	Bmp5,se,AU023399	6.02E-19	6.72692
NM_007554	Bmp4,Bmp2b,Bmp2b1,Bmp2b-1	2.59E-19	4.67218
AV239587	Bmp2,Bmp2a,AI467020	3.56E-24	6.60108
BG248060	Bmp1,TLD	0.00054	3.25323
BB212341	Bmf,AW260063,AW411872	0.00003	2.08074
BB303939	Blmh,BH,BMH,AI035728,MGC36899,MGC37104,MGC39026	0.00084	1.88488
BC004702	Birc5,Api4,TIAP,AAC-11,survivin40	1.28E-09	25.00239
NM_021328	Bin3,1700015F07Rik	0.00003	2.23328
NM_007544	Bid,AI875481,AU022477,2700049M22Rik	0.00048	4.99125
NM_029791	Bicc2,KIAA0699,mKIAA0699,0610027D24Rik,1110005D12Rik	0.00046	7.32873
BM217996	Bicc1,bpk,jcpk,Bic-C	2.38E-28	3.72242
BB028100	Bhlhb9,2700087I09Rik	3.39E-08	5.08889
BC019502	Bgn,BG,PGI,DSFG1,PG-S1,SLRR1A	3.32E-36	7.55114
NM_009052	Bex1,Bex4,Rex3,AA407839,AU018692,MGC107097	0	4.22093
NM_018742	Bet1,Gs15,2610021K23Rik	1.65E-06	1.8263
AF240460	Bean	8.69E-12	3.66256
AW490711	Bdkrb2,B2,B2R,BK2,B(2),BK-2,BK2R,BKR2,BRB2	1.69E-13	13.1627
BI965039	Bclaf1,Btf,AI450190,AW556225,KIAA0164	1.95E-06	1.90021
AV173898	Bcl9,Gm130,2610202E01Rik,8030475K17Rik,A330041G23Rik	0.00015	4.25756
BM120925	Bcl2I11,Bim,Bod	1.96E-13	5.21189
L16462	Bcl2a1a,A1,Bfl-1,Hbpa1,Bcl2a1,BB218357	2.43E-07	5.74768
BI664467	Bcl2,Bcl-2,AW986256,C430015F12Rik	0.0001	2.59452
AF100339	Bcl10,CLAP,ME10,cE10,CIPER,BCL-10,C81403,CARMEN,AI132454	1.29E-15	1.54587
BB251739	Bcar1,Cas,Crkas,AI385681	0.00054	2.17788
AV357135	BC065123	9.50E-21	9.87662
BB151460	BC065085,A030013D21	2.48E-26	7.03431
BM207348	BC063749,KIAA1754,mKIAA1754	1.71E-09	6.64605
BG076273	BC057627,Gm768,KIAA1064,MGC67629,mKIAA1064	0.00081	4.13915
AV121345	BC055368,D430005B17	8.03E-06	2.45683
AV167328	BC054438	1.25E-09	1.75373
AW122690	BC052688	7.94E-21	1.832
BM224662	BC052328,MGC59004,9830126M18	1.08E-26	7.21862
AK006395	BC051628,MGC58365,1700026M20Rik	0.00042	2.29703
BM933144	BC046404,MGC59632	2.33E-11	3.66305
BM120580	BC043098,KIAA4042,MGC58017,mKIAA4042	1.15E-08	1.86457
BG066664	BC032204,C79673,MGC36836,MGC38286	0.00012	3.52046
AW124853	BC030183,MGC29254	3.02E-07	8.61065
BG173681	BC029169,Fam20a,AI606893	1.93E-06	8.23051
AV012073	BC027309,MGC28139	2.74E-09	2.86219
BC027231	BC027231,MGC27931	0.00013	4.32475
BB445523	BC027092,KIAA1052,MGC38792,mKIAA1052,D030051D21	1.32E-06	6.62587
BB258011	BC027061	1.19E-06	4.17336
BB459141	BC026590	6.67E-08	3.05744
BB452429	BC025575	7.64E-06	5.38611
BC025076	BC025076,AI852046,MGC36859	8.73E-12	5.7692
BC024969	BC024969,Kiaa0863,MGC38953,mKIAA0863	0.00029	2.78612
BB165030	BC024063,A130081B01	0.00004	2.6043
BC022687	BC022687,AW050009,Flj20080,C130001I08Rik	4.64E-06	3.47927
BI150732	BC022641	0.00028	1.73057
BC017643	BC017643,MGC28978,MGC37062,MGC37382	8.17E-06	2.2338
BC027150	BC014699,MGC25911,MGC37042	1.26E-25	7.7964
BE853170	BC006779,MGC63178,mKIAA1769	0.00002	1.6145
BI155782	BC005537,C78201,MGC7474,RP23-92G13.4,8030460C05Rik	3.71E-19	1.99453
BC005471	BC005471,MGC6652	0.00039	3.04727
NM_030565	BC004044,C76981,Fam20c,MGC7673,KIAA4081,mKIAA4081	1.11E-17	3.18976
BB532946	BC003993,MGC7531,AA684037	1.20E-21	2.41707
BI526818	BC003940	2.46E-06	1.52905
AV260123	Bbs5,1700049I01Rik,2700023J09Rik	2.22E-10	2.70514
AF342737	Bbs2,AI447581,2410125H22Rik	0.00004	2.99679
BB164513	BB164513	0.00005	2.83723
BC025893	BB146404	3.44E-06	2.42482
BB125219	BB125219	3.91E-07	2.99398
BG069319	Baz2a,Tip5,Walp3,C78388,AA415431,mKIAA0314,C030005G16Rik	1.60E-06	2.56415
BM239162	Baz1a,Acf1,Gtl5,cbp146,Wcrf180,BC065123,B930060C03	1.27E-08	2.39767
BC018228	Bax	5.47E-07	2.56513
BI083627	Bat2d,Bat2d1,	0.00056	2.37153

AK011545	Basp1,CAP23,Ckap3,NAP22,CAP-23,NAP-22,2610024P12Rik	2.21E-08	3.88088
AF153440	Bambi,2610003H06Rik	0.00002	3.31544
BC015459	Baiap2l1,AI585895,1300006M19Rik	7.32E-14	13.32693
NM_007522	Bad,Bbc2,AI325008	0.00002	3.64037
AV324314	Bach1,AI323795	4.33E-13	1.54692
AF200346	Bace1,C76936	0.00022	11.40698
BB175696	Baalc,2810457D07Rik	3.46E-07	18.495
BM239301	B930068K11Rik	0.00032	2.29746
BB521146	B930062P21Rik	7.47E-16	3.11661
AW556301	B930007L02Rik,AI447437,mKIAA0800	2.62E-12	2.48341
BB333487	B830012L14Rik	0.00021	3.65054
BG066773	B4galt6,AA536803,AU022389	1.78E-10	8.07878
BF780384	B4galt5,AW049941,AW539721,9430078I07Rik	8.05E-10	4.15434
BC027370	B430108F07Rik,AI448092	2.28E-07	2.04253
BM214359	B3gnt5,beta3GnT5	8.02E-08	6.88615
AV306734	B3gnt1,B3Galt6,AA408337,AA409404,AW260308,	1.79E-09	4.97661
BB223909	B3galt2	2.13E-08	2.74293
BB827631	B230396K10Rik	1.37E-09	3.45883
AW554529	B230308N11Rik	0.00002	1.72516
BM898653	B230209C24Rik	0.00011	3.17133
BB211377	B230114P05Rik,AI585901	1.09E-07	4.25523
BC024141	B130052G07Rik,MGC38004	3.10E-09	4.34216
BE626090	Azin1,Oazi,Oazin,AI414949,1700085L02Rik	5.81E-11	2.32281
AA500897	Axl,Ark,Ufo,Tyro7,AI323647	3.73E-11	2.02723
AW556912	AW822216	0.00041	3.93869
BQ178166	AW742931	1.37E-08	4.86161
AW492303	AW492303	0.00004	2.53154
AV300228	AW491445	4.63E-06	2.71304
BB795103	AW228836	0.00003	1.60658
BB539028	AW124694	0.00004	2.70915
AW120464	AW060763	8.49E-21	15.1175
BE995447	AW045895	3.77E-08	9.37128
BI649826	Avpi1,esu,VIT32,mVIT32,AA410041,2310008N12Rik	0.00002	1.72818
BB313689	AV344025,AI852629	1.73E-06	4.47233
AK012475	Auts2,2700063G02Rik,A730011F23Rik,D830032G16Rik	0.00011	5.36216
AU042950	AU042950	0.00026	2.77016
BG068103	AU041783,C86904,KIAA1914,MGC28084,mKIAA1914	4.00E-06	3.74775
BG069874	AU021025	0.00095	2.03427
BG070741	AU016977,9530023G02	2.15E-09	6.57439
BG070233	AU015263	3.06E-09	3.95282
BQ175324	AU014645,Ncbp1,AW538051	2.41E-07	1.60989
AV309164	Atxn10,E46,Sca10,C77170,AI325283	9.26E-09	1.84676
BB730600	Atrx,XH2,Xnp,ATR2	0.0008	1.89998
NM_007512	Atpif1,If1,Atpi	2.62E-12	2.35826
AF011336	Atp9a,Ila,mKIAA0611	0.00013	3.15276
BQ178970	Atp8b2,Id	2.24E-08	2.32768
BF451402	Atp8b1,Ic,FIC1,AI451886	0.00003	2.23793
U03434	Atp7a,Mo,br,Blo,l14,MNK,blotchy,mottled,brindled,DXHXS1608e	2.12E-26	2.61985
C85064	Atp6v1e1,E2,P31,Vma4,Atp6e,Atp6e2,Atp6v1e	1.89E-07	1.50563
AA987147	Atp6v1c1,U13839,1700025B18Rik	2.82E-12	1.62181
NM_007508	Atp6v1a,VA68,VPP2,Atp6a1,Atp6a2,AI647066,Atp6v1a1	1.23E-09	1.53269
NM_025272	Atp6v0e,M9.2,Atp6k	6.67E-25	1.97903
AV121721	Atp6ap2,M8-9,Atp6ip2,APT6M8-9,ATP6M8-9,5730403E06Rik	2.42E-13	2.06415
BI080417	Atp2b1,Pmca1,2810442I22Rik,E130111D10Rik	2.24E-10	1.92569
AA245637	Atp2a2,SERCA2,KIAA4195,D5Wsu150e	0	3.4717
BC025618	Atp1a1,Atpa-1,BC010319,MGC38419	1.09E-08	2.05015
BB427761	Atp13a5,C630015F21Rik	0	27.29369
BF470853	Atp13a5,C630015F21Rik	2.71E-26	7.06986
AI593492	Atp11c,Ig,MGC117487,A330005H02Rik	0.00021	2.05315
NM_009720	Atox1,ATX1,AI256639	4.36E-06	1.70341
AK016909	Atoh8,Hath6,Math6,okadin,4933425C05Rik	1.63E-09	14.66482
NM_007499	Atm,C030026E19Rik	3.80E-12	6.91598
AV168389	Atg5,App5l,Atg5l,Paddy,C88337,AW319544	5.09E-07	2.14765
AK010773	Atg16l2,2410118P20Rik	0.00012	2.78207
BB129063	Atf6,ESTM49,AA789574,9630036G24,9130025P16Rik	7.41E-16	7.23967
BE956516	Asxl1,mKIAA0978,DKFZp434N0535	0.00002	1.82575

NM_007494	Ass1,ASS,Ass-1,AA408052,MGC103151	5.22E-34	32.55058
AV145167	Aspscr1,TUG,ASPC,ASPL,ASPS,RCC17,ASPCR1,1190006K01Rik	0.00009	4.50739
NM_025711	Aspn,PLAP1,SLRR1C,AA986886,4631401G09Rik	0.00056	2.95326
NM_009791	Aspm,Sha1,MCPH5,Calm1p1,FLJ10518,D330028K02Rik	0.00004	4.57269
BB410403	Asph,BAH,cl-37,	4.59E-08	1.74315
BC005552	Asns	4.29E-06	1.70462
BC003428	Asf1b,AA409591,1700003K02Rik	0.00034	4.56165
NM_019734	Asah1,AC,Asah,AL022942,AU044555,2310081N20Rik	7.80E-09	1.81693
BB322201	Arx	0	21.26159
BC019117	Ars2,Asr2,ASR2A,ASR2B,ASR2C,ASR2D	0.00002	1.79451
AK004614	Arrib1,AW208571,MGC124269,MGC124270	0.00053	2.63233
BB234224	Arpp21,Tarpp,ARPP-21,AI853636,D9Bwg1012e,0710001E13Rik	2.39E-07	3.34477
BB159263	Arpp21	8.71E-26	7.61597
NM_026369	Arpc5,165kDa,p16-Arc,5830443F10Rik	0.00001	2.32017
BC013618	Arpc3,21kDa,p21-Ar,p21Arc,AA408672,AI788639,1110006A04Rik	2.31E-13	1.89813
BG967632	Arpc2,34kDa,p34-Arc,2210023N03Rik	8.88E-15	1.94021
BC011080	Arntl,MOP3,Arnt3,Bmal1,BMAL1b,bmal1b'	1.06E-07	1.95271
AK014338	Armet,D17914,AA407711,AA408789,3230402M22Rik	2.15E-06	3.46295
AK004598	Armxc3,ALEX3,AI450003,1200004E24Rik	6.86E-18	3.08681
NM_026139	Armxc2,ALEX2,AI043003,3230401N03Rik	3.82E-12	4.05846
BC021410	Armxc1,ALEX1,3010033I09Rik	5.89E-08	3.16265
NM_019665	Arl6,1110018H24Rik,2210411E14Rik	0.00003	1.84516
BB811124	Arl5a,Arl5,T25534,AA408731,AW610751,	0.00011	1.67542
BB699910	Arid5b,Mrf2,Desrt,AI467247,Mrf2beta,	9.27E-07	4.58176
BC027152	Arid5a,Mrf1,MGC36895,D430024K22Rik	4.38E-07	7.5413
BC025127	Arhgef5,Tim1,AA717842,AW495314,2210412D05Rik	1.26E-06	2.13977
NM_008487	Arhgef2,GEF,Lfc,P40,GEFH1,LFP40,Lbcl1	0.00005	7.56607
BG067578	Arhgef12,Larg,AU019857,KIAA0380,mKIAA0382,2310014B11Rik	0.00012	1.79323
AK002516	Arhgdb,D4,Gdid4,Ly-GDI	2.62E-07	2.40751
BG074320	Arhgap29,Parg1,C76601,AU040217,A830014I19	5.32E-07	2.23526
BB546574	Arhgap28,AU044757,AW550892,E130310N06	9.79E-08	7.3465
BC025502	Arhgap24,MGC38749,0610025G21Rik	8.43E-19	3.36113
BE988299	Arhgap23,4933428G20Rik,A330041B18Rik	2.56E-14	2.62192
BG295243	Arhgap22,RHOGAP2,MGC47316,p68RacGAP,B230341L19Rik	0.00005	4.8931
BC006592	Arhgap1,C76222,MGC7050,MGC101942	0.00005	1.89771
AV087417	Arfip1,AW123087,Arfap1in,D3Ert598e,2310030I10Rik	3.08E-08	1.89213
AK018680	Arfgap3,Arfgap1,0610009H19Rik,1810004P07Rik,	0.00051	4.93586
BI248938	Arf6,AW496366,MGC102530	0.00006	2.06237
BI653265	Arf4,AA407803	1.14E-09	2.2605
NM_007477	Arf2	1.15E-09	1.83648
NM_009704	Areg,AR,Sdgf	0.00002	5.44282
M11310	Aprt,C85684,MGC11749	1.61E-06	1.93356
BB553604	Appbp2,PAT1,AI465480,mKIAA0228,1300003O07Rik	6.28E-06	2.59472
BB023775	App,Adap,Cvap,Abeta,amyloid,appican,betaAPP,AL024401,	2.03E-06	3.60634
AK019319	Apoe,AI255918	2.77E-14	3.02899
AI848048	Aplp1	1.42E-11	4.97694
AV100480	Apex1,APE,Apex,HAP1,Ref-1	1.39E-07	1.51193
NM_007462	Apc,Min,AI047805,AU020952,AW124434	1.19E-06	4.91199
BB534411	Apbb2,TR2L,Zfra,Rir1,2310007D03Rik	1.58E-06	7.49802
NM_009684	Apaf1,fog,Apaf-1,Apaf1I,KIAA0413,mKIAA0413,6230400I06Rik	0.00074	2.70667
NM_009681	Ap3s1,[s]3A,MGC117528	0.00048	1.92119
BM222025	Ap3b1,pe,Hps2,rin2,pearl,C78395,AU015684	8.39E-09	1.76678
AV271093	Ap2b1,AI788979,1300012O03Rik	2.07E-06	2.90629
AK009735	Ap2a2,L25,Adtab,C78001,AF006990,AW146353,2410074K14Rik	1.18E-06	1.9946
BE655707	Ap1s2,EST1,AI853648,1500012A13Rik	0.00022	2.10599
BG230208	Ap1g1,Adtg,AA409002,AU041323,AW551707,D8Ert374e	0.00032	3.45879
NM_023617	Aox3,AOH1,Aoh2,AI326299,1200011D03Rik	1.89E-11	8.83632
AK007763	Aof2,AA408884,mKIAA0601,D4Ert478e,1810043O07Rik	5.70E-07	3.96213
AV333182	Anxa7,Anx7,synexin,AI265384,AI316497	1.87E-08	3.32798
AK013026	Anxa6,Anx6,Cabm,Camb,AnxVI,AW107198	3.18E-06	3.00485
D63423	Anxa5,Anx5,R74653	5.86E-32	2.30876
NM_013471	Anxa4,AIV,Anx4,Xanx-4,AI265406,AW106930	3.89E-23	2.82797
AW702161	Anxa3,Anx3	8.94E-13	3.31009
NM_007585	Anxa2,Cal1h,AW215814	2.68E-22	2.85043
NM_010730	Anxa1,Lpc1,Anx-1,Lpc-1,Anx-A1	1.80E-14	3.00151
NM_023210	Anp32e,CPD1,LANPL,LANP-L,mLANP-L	1.81E-16	2.4507

NM_130889	Anp32b,PAL31,Ssp29,PHAPI2a,MGC103080,2410015B15Rik	0.00001	1.50609
BI690018	Anln,C78101,Scraps,ANILLIN,1110037A17Rik,2900037I21Rik	3.68E-06	3.91249
BE653749	Ankrd32,AW545819,MGC102362,C730024G01Rik	0.00003	1.94849
BC010245	Ankrd25,MGC7734,AI504612,BC010245,MGC12143	0.00026	2.55808
BQ032773	Ankrd15	6.47E-10	2.60591
BF161506	Ankrd10,AW549277,4833425P12Rik	6.28E-07	6.04409
AK009959	Ankrd1,Alrp,CARP,Crap	0	34.16776
NM_019805	Anapc7,APC7,AW545589	4.85E-07	1.76691
AV113524	Anapc1,Apc1,Mcpr,tsg24,AI047775,AI853536,AW547281,	0.00005	1.62928
AV330806	Ampd2,Ampd-2,AI552571,1200014F01Rik	1.25E-18	3.36312
NM_033603	Amn,AV002116,5033428N14Rik	0.00008	5.26646
BM235514	Ammecr1,6230420G18Rik	5.14E-08	8.25448
AF253409	Aldh1a3,V1,ALDH6,RALDH3	2.60E-06	9.12359
NM_009652	Akt1,Akt,PKB,PKB/Akt,PKBalpha	0.00002	2.97772
AF177041	Akr1c12,AI266976	0.00018	8.25208
NM_008012	Akr1b8,FR-1,Fgrp,Fgfrp	1.18E-15	9.1972
AK009462	Akr1a4,Akr1a1,2610201A18Rik	1.72E-16	2.03673
BC003735	Akap2,AKAP-KL,AA959716,AI649048,B230340M18Rik	0.00074	1.63939
BB109690	Akap13,BRX,LBC,Ht31,AKAP-Lbc,PROTO-LB	0.00028	2.00784
AW555068	Akap11,Gm80,PRKA11,AKAP220,mKIAA0629,6330501D17Rik	2.88E-06	1.97173
BM120178	AK129302,Gm372,KIAA1166,MGC105164,mKIAA1166	3.22E-17	2.7214
AV376983	AI851076,AL022898,MGC107323,8030451K07,RP23-100P23.2	0.00001	2.37558
BM240173	AI788777	1.27E-06	1.93741
AA958965	AI788669	1.59E-09	2.63781
AV340788	AI605517	0.00027	2.13533
AK005698	AI597468	2.51E-07	2.36398
AV381143	AI585793	0.00058	3.10543
BB191000	AI505012	0.00002	2.79034
AU018180	AI481316	5.11E-08	3.52025
AU018180	AI481316	0.00036	2.11881
BB234337	AI467606	0.0001	6.22004
BB234337	AI467606	0.00001	2.70293
BB795235	AI427138	0.00029	1.86574
BE632903	AI426953	0.00066	3.50099
NM_134044	AI413782	2.11E-06	1.92273
BB494618	AI413782	0.00026	1.68875
AV246911	AI413331	3.20E-10	2.99672
BI453502	AI315068,AU040738,MGC38232,mKIAA0804	0.00009	2.31427
BE991175	AI314604	2.42E-07	5.33731
BE989096	Ahr,Ah,ln,Ahh,Ahre	2.28E-18	3.38661
BQ175532	Ahi1,Ahi-1,D10Bwg0629e,1700015F03Rik	4.05E-10	4.7002
BB534486	Agtr1b,AT1B,AT2R1B,Agtr-1b,Angtr-1b,MGC129325	4.05E-10	9.03061
BM208224	Agrn	6.93E-08	2.4347
AK005139	Agpat4,1500003P24Rik	0.00029	2.3804
NM_007424	Agc1,Agc,cmd,Cspg1	1.13E-15	13.41537
BM239026	Aff3,Laf4,LAF-4,3222402O04Rik	0.00002	2.68906
NM_009636	Aebp1,ACLP	0.0001	4.38384
NM_007422	Adss,Adss2,AI314886	3.04E-13	2.18209
AI503324	Adprh1,Arh2,D330008N11Rik	8.83E-08	5.19531
AF244347	Adprh,Arh1	2.94E-06	1.57801
AV330236	Add1,AI256389	0.00032	2.26306
NM_007406	Adcy7,AA407758	1.62E-13	19.81036
BQ176297	Adcy7,AA407758	0.00065	2.21936
BG063470	Adamts9,AW743315,1810011L16Rik,	4.47E-13	4.44246
AL359935	Adamts7,ADAM-TS7,ADAMTS7B	2.43E-07	3.43608
AV286717	Adamts6,ADAM-TS6,5031426K13,A930019D11Rik	8.45E-30	15.45025
BB443585	Adamts4,ADMP-1,ADAM-TS4,ADAMTS-2,mKIAA0688,3830423K05	2.39E-18	16.70441
BB004039	Adamts12,AI605170,ADAMTS-12	9.95E-06	2.35703
NM_021475	Adamdec1,Dcsn,AI574231,2210414L24Rik	0	100
AW107807	Adam32	1.15E-06	3.19822
NM_009616	Adam19,M[b],Mltnb,AL024287	5.37E-21	8.04148
C76813	Adam17,Tace,CD156b	1.49E-08	2.82354
NM_007400	Adam12,M[a],Mltna,KIAA4001,mKIAA4001	4.74E-06	3.21644
AV327574	Adam10,kuz,MADM,kuzbanian,1700031C13Rik	0.00013	1.7161
BB818297	Acvr2a,Acvr2,ActRlla,tActRll	0.00028	1.9486
NM_007394	Acvr1,ALK2,Acvr,Alk8,SKR1,Alk-2,	8.81E-09	4.69867

BE372352	Actr3,Arp3,MGC118188,1200003A09Rik	1.38E-06	2.04964
AK014859	Actr2,Arp2,AA409782,MGC36604,D6Etrd746e,4921510D23Rik	2.00E-12	2.07012
NM_016860	Actr1a,Arp1,alpha-Arp1	2.15E-07	2.19484
BM234779	Actn4,C77391,MGC102374	0.0002	2.51707
BC003232	Actn1,3110023F10Rik	8.92E-06	5.63422
AK013221	Actl6a,Actl6,Baf53a,C79802,AI851094,2810432C06Rik	0.00002	2.04324
AW537707	Actb,Actx,beta-actin,E430023M04Rik	2.26E-09	2.70894
NM_007392	Acta2,Actvs,a-SMA,0610041G09Rik	5.52E-30	2.67016
AK006541	AcsI5,ACS2,ACS5,Faci5,1700030F05Rik	1.99E-06	1.98152
AB033886	AcsI4,ACS4,Faci4,Lacs4,AU018108,9430020A05Rik	4.29E-10	4.52246
AK012088	AcsI3,ACS3,Faci3,C85929,PRO2194,2610510B12Rik	0.00002	2.60743
BB008092	Acpp,Lap,PAP,Ppal,AI324033,A030005E02Rik	0.00012	4.76333
BB183525	Acpl2,BB177120,MGC38214,9430094M07Rik	2.57E-10	6.27551
NM_019736	Acot9,U8,p48,Acate2,C76421,MT-ACT48,0610041P13Rik	1.69E-08	1.55322
NM_022816	Acot10,p48,Acate3,MT-ACT48,MGC124133,MGC124134	3.99E-21	1.86381
AW743006	Accn3,ASIC3,TNAC1,DRASIC,SLNAC1,AW742291	1.44E-10	9.567
BB621938	Abtb2,AW539457	5.77E-13	2.22767
BB422726	Abr,AU042359,6330400K15Rik	1.28E-21	1.90195
BM900139	AbIim3,AW990719,KIAA0843,MGC69876,D930036B08Rik	0.00003	1.5235
AK008928	Abi3,NESH,AI987680,2210414K06Rik	0.00015	3.77254
BB051811	Abi2,AI839867,MGC90836,MGC90855,C130078H13,8430425M24Rik	0.0001	3.83148
AW912678	Abi1,E3B1,NAP1,MGC6064,Ssh3bp1	0.00004	1.61697
NM_018811	Abhd2,LABH2,Labh-2,MGC107122,2210009N18Rik	0.00037	5.42702
AV309591	Abcf1,Abc50,GCN20,AU041969,D17Wsu166e	0.00097	4.04388
AV256613	Aard,A5D3,AV328152,MGC107188	2.90E-07	7.90407
AW476171	AA959742,C78668,RP23-290B5.2	3.23E-14	1.77055
U73200	AA536749,RIP3,C76423,Rhoip3,p116Rip	2.42E-30	2.55115
BI248354	AA536743	1.77E-10	2.9362
BG063085	AA409587	0.00096	1.75655
BG070043	AA408296,AW045375	2.78E-09	2.34464
BG063148	AA407270,AV006038	0.00003	1.89849
BE632850	A930038C07Rik	0.00003	3.28545
BB283644	A930025H08Rik	0.00046	3.04986
BB277600	A930006D11	0.0003	2.75368
BG073439	A830073O21Rik	1.77E-10	3.16099
BB561008	A730017D01Rik	5.11E-06	4.04916
BB238335	A630071D13Rik,AI848282	0.00005	2.80767
BC011135	A630065K24Rik,MGC19056	0.00003	5.5559
BB391874	A630033E08Rik,C730040L01Rik	2.09E-10	10.4316
BG064632	A4galt	1.53E-12	15.20332
X01134	A430107P09Rik,TRAV9-3	0.00033	4.08581
BB470362	A430107O13Rik,6720481P07	0.00017	2.27597
BB498608	A430106J12Rik,Ape,Giv,Hkrp1,	1.60E-19	3.18238
AV016279	A330104H05Rik,AI854460,KIAA1189,MGC107206,mKIAA1189	9.72E-13	8.87551
BB446952	A330103N21Rik	0.00011	2.55251
AW455902	A230083H22Rik,KIAA0367,mKIAA0367,6330414G02Rik	1.37E-12	7.8271
BB387783	A230046K03Rik,AA589518,mKIAA1033	2.67E-21	2.16024
BB119177	A130040M12Rik,VL30,CA782090,VL30 retroelement	0.00035	2.71469
BI149851	A130022J15Rik,AI447490,AW214473,AW259391	1.40E-07	2.88359
AK018112	9930013L23Rik,AY007814,12H19.01.T7,6330404C01Rik	2.13E-14	22.27715
BB131315	9630050M13Rik,AA409679	1.02E-08	2.70331
BC027796	9630042H07Rik	7.00E-25	3.13082
BB667304	9630020C08Rik	0.00058	4.2247
BB102291	9430081I23Rik	3.61E-12	3.39357
BQ175905	9430080K19Rik,AU043147,AW046177	4.24E-06	2.97244
BG865652	9430077D24Rik	3.11E-10	1.61527
AK020485	9430073N08Rik	1.31E-12	5.46231
AV374669	9430063L05Rik,C87016,KIAA0477,mKIAA0454,4732458A06Rik	8.87E-08	2.84185
BB094583	9430047G12Rik,AW742331,AW743025	0.00007	2.05856
AV162270	9430041P20Rik	4.67E-13	5.12507
BM220702	9430028L06Rik,5930434P17	1.90E-24	12.42806
AJ414562	9430022F06Rik,Cx39,connexin 39	0.00005	4.91649
AK020412	9430012M22Rik	2.31E-20	14.68779
BB169371	9330118A15Rik	5.27E-08	4.81369
BB075402	9330107J05Rik	1.68E-10	8.29194
AI467525	9230110C19Rik	9.03E-06	2.67492

AK018685	9130422G05Rik,AI450603,AW215585	2.20E-17	7.15849
BF166604	9130404D14Rik	4.94E-40	6.58144
AK018610	9130011J15Rik	0.00075	1.52547
NM_026667	9130005N14Rik,MGC117924,1190001N04Rik	0.00004	2.36957
AV373606	9030625A04Rik	1.02E-06	3.46068
BC007154	9030624J02Rik,2610029J22Rik	0.0007	1.65211
BG797916	9030425L15Rik	0.00001	2.91988
BG072972	9030425E11Rik,ACAM,ASP5,CLMP,AW557819	1.42E-07	2.24153
BC021408	9030416H16Rik,mKIAA0648,E230024D05Rik	1.52E-31	2.53643
BM221159	8430438M01Rik,AW108467	0.00011	4.92084
BC007160	8430437G11Rik,AI462344,AI504145,5730526F17Rik	0.00013	1.97103
AK018466	8430436O14Rik	0.00018	1.57927
BG066131	8430420C20Rik	8.07E-06	2.42442
BG141912	8430417A20Rik	8.14E-14	2.84563
BB003393	8030463A06Rik	5.17E-19	19.78017
AV352121	7030402D04Rik	1.09E-06	1.80236
NM_026551	6720485C15Rik,AI849483,FLJ22955,3010024O21Rik	0.00055	2.35287
AW549928	6720475J19Rik	0.00007	2.82619
AV350862	6720467C03Rik	9.38E-07	2.9503
AK020138	6720463M24Rik,AI317232	0.00003	4.12586
BC011208	6530411B15Rik,AI463522,RP23-480G5.1	5.63E-24	9.43968
AK018285	6430590I03Rik	0.00002	3.2868
BM248637	6330583I20Rik	0.00008	1.95528
BM502719	6330549D23Rik	2.29E-10	3.33271
AV328515	6330442E10Rik,AU019070,9830138K24	0.00009	3.81828
BG066220	6330412F12Rik,BS4,Nub1,NY-REN-18,4931404D21Rik	0.00097	2.58579
BB345680	6230400D17Rik	0.00024	2.66757
AV343569	6030443C007Rik,AU014917,3632432H19	2.55E-06	2.47649
BM123748	6030408C04Rik,AW046379,mKIAA1333,9030416F18,	0.00002	3.08599
BB037457	5930427L02Rik	5.80E-07	9.66093
BB309117	5930418K15Rik,mKIAA1423	3.17E-11	4.06953
BB457797	5930412E23Rik	0.00053	2.0773
AK014262	5830472M02Rik,3110080A02Rik	1.61E-14	3.09199
AI314626	5830471E12Rik,AI314065,AI464126	5.41E-07	2.59277
BB165850	5830443J22Rik	0.0006	2.10432
AV316469	5830436I19Rik	8.13E-06	4.50497
BM202530	5830428H23Rik	0.00002	1.55682
BF142017	5730601F06Rik,5330440G10Rik	0.00009	1.58856
AK017795	5730528L13Rik,2410046L14Rik,2810429P03Rik	0.00004	7.38814
BB702347	5730507H05Rik,Hcapg,MFT.M05.13	3.11E-06	13.92915
BC004090	5730470L24Rik,AI839862,2810005O12Rik	2.47E-06	2.34969
BE308547	5730427N09Rik,Yr29,LNR42,Nsa2p,MGC118054	2.42E-14	1.50522
BB257344	5730408K05Rik	0.00018	2.16673
AK014201	5730405I09Rik,1700025H17Rik,3110050L10Rik,4631402G10Rik	0.00011	1.93715
NM_134114	5630401J11Rik,AA409698,MGC102361,RP23-29H5.3	1.74E-06	1.71219
BB128517	5430435G22Rik	7.64E-11	4.98317
AK017390	5430434G16Rik	4.97E-11	2.50669
BB322233	5430433G21Rik,AV354986	0.00015	5.01914
AK005776	5430432M24Rik,AI747080,MGC30344,1700008J10Rik	0.00028	8.27239
BB028755	5430417L22Rik	0.00007	2.53884
AI120070	5430406M13Rik,AI607429	0.00001	4.47845
AK017277	5430405N12Rik	0.00051	2.1027
AU067780	5330421F07Rik,AU067780,mKIAA3015	0.00005	4.25614
AK019900	5330421C15Rik	1.02E-06	2.55566
AK017223	5133401H06Rik	0.00028	3.69764
AI553303	5033418A18Rik	0.0005	2.39102
BM241735	5031439A09Rik,AI173978,AI987742	0	8.5732
AK017143	5031425E22Rik	1.83E-12	2.86157
AV303037	4933440N22Rik	3.91E-08	1.60898
BB085906	4933439C20Rik,MGC65558,MGC103350	6.77E-06	2.30738
AK013967	4933434L15Rik,MGC74393	1.88E-18	5.76944
AK017056	4933434I06Rik,AU016229,MGC117794	3.49E-06	4.93878
AK017049	4933433P14Rik,FLJ20789	9.57E-09	4.34608
BB667633	4933430F16Rik	8.30E-06	2.49988
BM199807	4933427D14Rik,C85113,RP23-207N15.3	2.10E-08	4.27637
BB361436	4933426L22Rik,Cep170,AI195353,A330004A13Rik	7.97E-09	2.82456

AK016704	4933406N12Rik,AI413378	0.00013	2.21482
AW049283	4932442K08Rik,AW049283,AW413338,KIAA1838	0.00019	2.17384
AK015136	4932415G12Rik	8.24E-06	3.7877
BC005731	4931428D14Rik,2300003H10,RP23-393O10.2	1.91E-06	1.51087
BG063053	4930595D18Rik	2.91E-08	2.79108
BB510904	4930520K10Rik	0.00009	2.54246
AV266695	4930519N13Rik,Gm1004,Gm1634,mKIAA0980	0.00068	3.57031
BB472574	4930512H18Rik	0.00003	2.45666
AI450962	4930503L19Rik,BB148262,9930107F24	5.09E-07	3.64928
BG073177	4930470D19Rik,AI608258	0	2.06595
AV209678	4930451A13Rik,W51689,AU015720,AU043671,AU043778	0.00003	2.15236
BB167877	4930428B01Rik	0.00048	6.99349
BG068263	4930422I07Rik	0.00005	2.65843
C78926	4930402H24Rik,C78926,AI413763,2810487F15Rik	0.00006	2.38386
AI835491	4921533L14Rik,AI835491,KIAA1411	0.00001	2.07745
AK019545	4921529O18Rik,4930432K16Rik	0.00021	4.42797
BG073340	4921524J06Rik,Salf,Sblf,C86231	4.93E-21	2.80801
BM116703	4921517N04Rik,AU014935,BB233739,E430033K04Rik	0.00003	1.84179
AK014883	4921513I08Rik	0.00014	3.04324
AK014853	4921509J17Rik,6330544N02Rik	2.50E-12	4.08454
AK014817	4921505D17Rik	0.00031	1.93523
BB167921	4921504N20Rik,mszf31,mszf89	0.00008	1.58862
NM_133923	4833441J24Rik,AI450050	0.00055	2.57945
AV251009	4833428M15Rik	3.76E-08	4.74696
AW764291	4833423F13Rik	5.88E-08	5.27661
BG067119	4833420G17Rik,C85193,AW107518,2210017J06Rik	1.66E-14	8.59892
AV250006	4833420G11Rik,AI451474	0.00002	1.70222
BI076733	4833417J20Rik	1.34E-06	5.80752
BM239430	4833416J08Rik	4.96E-06	2.17395
AW910504	4833416E15Rik,AI428932	2.62E-19	7.57688
AV112912	4833408C14Rik,AI447451	0.0002	1.5189
BB012037	4832420M10	5.52E-10	15.5859
BB004441	4732460K03Rik,AI448302,mKIAA0543	7.67E-06	2.42293
BB463610	4632434I11Rik	0.00013	4.638
BC003967	4632428N05Rik	0.0003	2.4155
AV227569	4632419I22Rik,RP23-50E4.1	1.55E-07	3.18793
BG067859	4632413K17Rik,Os-9,AU022351,1300007E20	1.38E-06	1.93493
AK019480	4632404H22Rik,AI256344	1.04E-29	7.40123
AK019474	4631426J05Rik,BRAG,mKIAA0598	9.05E-07	6.93603
AK014527	4631422C13Rik,D430014P18Rik	0.00006	3.27705
BI695596	4121402D02Rik,AA682082,2810017F12Rik,4930463F05Rik	0.00028	1.88238
BC005522	3830408P06Rik,Drim,mDRIN,AA617408	0.00001	1.98148
BF228051	3321401G04Rik,AI848529,KIAA0738,A230020K05Rik	0.00029	4.521
BG066193	3230402G14Rik	2.02E-06	4.25886
BE225664	3222401M22Rik,KIAA0084,2700010E02Rik	9.60E-15	6.63409
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AK014167	3110041P15Rik	2.12E-06	5.19294
AK014134	3110037I16Rik,AV297100	0.00007	2.50083
BB753814	3110027N22Rik	0.00029	3.60147
AK013984	3110003A17Rik,MGC107537,1700028I04Rik	8.08E-07	3.74129
AK019372	3000003F02Rik	1.02E-06	2.28254
AK013855	3000002B06Rik,Gm331,MEGF10	3.33E-19	17.41666
AK013788	2900075A18Rik	0.0008	2.72304
NM_026064	2900073G15Rik,C80200,AI838292	4.17E-19	2.88667
BB532219	2900073C17Rik	1.42E-27	10.45305
BG063651	2900070H08Rik	0.00008	3.3309
AV153660	2900056M20Rik	0.00022	2.50263
BI739725	2900045N06Rik,C85544,FLJ10707,MGC90828,	3.73E-15	2.38757
AK019313	2900011L18Rik	4.49E-11	4.51531
AK013495	2900006N09Rik,MGC54823,9230106G13Rik	0.00009	3.2245
BM232998	2810474O19Rik,GET,AA536804,AU020969,	1.34E-18	4.69608
AW045947	2810457I06Rik,p70,BB125008	0.00005	2.75807
BQ175669	2810455D13Rik	0.0002	1.62196
BB168446	2810446P07Rik,AI843389	9.80E-06	2.25295
AF332866	2810441K11Rik,AI482550,1110017C22Rik	0.00064	2.4862
AK017673	2810417H13Rik,Ns5apt9,Ns5atp9,AA409629,	9.58E-08	4.95411

AK013101	2810417D08Rik,AA408260,AI987735,mKIAA1287	6.11E-13	2.06888
AK013345	2810402A17Rik,AI448995,AI841128,2310046F18Rik	0.00003	3.69955
NM_133746	2810048G17Rik	8.25E-06	1.79112
BM232345	2810028N01Rik	0.00031	1.97707
AK012825	2810026P18Rik,4933428I09Rik	2.67E-06	1.99448
BC014764	2810022L02Rik,AA987173,AI480531,AI842453,AW413586	1.77E-10	4.1725
BE951772	2700083E18Rik,Gm411,AA387377	1.20E-10	2.80618
BB480651	2700050L05Rik,AU022667,AW558805,MGC27934,MGC58090	0.00081	5.27573
AV127581	2700049H19Rik,AI848570	3.03E-17	4.07107
AV122663	2610528G24Rik	1.21E-18	2.79135
AW494389	2610524H06Rik	2.18E-07	4.26586
BI082843	2610524G07Rik,Preli	3.77E-15	2.99809
BM293412	2610319H10Rik	3.54E-29	3.56048
BB703070	2610312B22Rik,FM22,Ierepo4,1700006A17Rik,1810012H02Rik	0.00024	1.76425
AV300716	2610307O08Rik	4.41E-07	7.41757
BB538449	2610300B10Rik,AW121806,AW550697	0.00001	3.63342
BI104583	2610208M17Rik,MGC6869,BC004835,MGC101949	0.00009	1.64099
BM234799	2610204M08Rik,AA589465,AW125550,MGC107363	0.00008	1.86255
BM220421	2610203C20Rik	8.41E-07	3.3962
BM247469	2610101N10Rik	0.00001	1.5283
AK012533	2610039C10Rik,MGC100039,2810018N07Rik	1.34E-07	2.99983
BB085604	2610031L17Rik,MGC11655,MGC36967,MGC38351,1190003A07Rik	9.60E-06	1.8196
BB429625	2610030H06Rik,AI840175	1.65E-06	2.08927
BI409701	2610027C15Rik,MGC36197	2.35E-07	2.92498
AK011480	2610020C11Rik,mszf12,AI327407,mszf23-1,A630094N24Rik	0.00055	2.61582
AK011474	2610019P18Rik	6.98E-06	2.50753
BE692399	2610005L07Rik,2810038F24Rik,6720476A01Rik	0.00074	2.72058
AK011292	2610002J23Rik,AI746380,AW546936,C230060L03Rik	0.00002	1.79132
AV218922	2610002J02Rik	5.08E-08	5.00953
BG074158	2610001E17Rik,Urb,Ssg1	1.70E-08	2.1118
AV328634	2600003E23Rik,Afap,AI848729,mKIAA3018,9630044L16Rik	0.00001	1.96416
AV109006	2510049I19Rik,AW822030	6.37E-07	2.34712
AV107461	2510038A11Rik,S19BP,AI604923	1.91E-06	2.13351
BC011230	2510015F01Rik	2.27E-15	6.22034
BB770006	2410193C02Rik,P7	0.0001	2.19333
AK010736	2410081M15Rik,AI480941	4.33E-06	2.45526
BB143137	2410042D21Rik,AA166487,AA473307,AI467442	3.73E-22	5.67486
AK010551	2410018M08Rik	0.00014	6.67154
C76835	2410018L13Rik,2810480C08Rik	0.00069	2.4522
AA939619	2410006H16Rik	1.60E-06	2.84661
BB772929	2410002O22Rik,AI451892,AU017229,2610524F24Rik	0.00073	1.75807
BC016099	2410002F23Rik	0.00004	2.70372
BB197581	2310076G05Rik	0.00036	6.26165
AK010185	2310075M15Rik,C85409,mKIAA0230,E330004E07	0.00005	2.53084
BI734389	2310067E08Rik,C85344,2210414F18Rik	1.38E-33	4.59535
BG061080	2310050P20Rik	4.24E-06	3.15572
BC022925	2310050N11Rik	1.08E-10	1.88051
NM_024185	2310047O13Rik,AI447827,AW111958,1810041E18Rik	0.00052	1.73412
BM231657	2310047C04Rik,A230104G20,6430549P11Rik	4.42E-07	2.51044
AK009785	2310043M15Rik	0.00015	2.23197
AK009756	2310042L06Rik,AW208859	0.00007	2.61429
NM_026509	2310039E09Rik,MGC107637	1.78E-10	2.47567
BE981853	2310037P21Rik	3.58E-10	7.0488
BB526046	2310035C23Rik,mKIAA1468,6430401N10	0.00005	1.90485
NM_025864	2310028N02Rik,AI118576	0.00051	3.47206
BI328156	2310022B05Rik	2.40E-43	3.80226
BC019664	2310016C16Rik,AU017063	8.57E-20	2.97689
AK009333	2310014D11Rik,AA589508,AI256723	4.51E-24	2.73671
NM_025509	2310008M10Rik,5730557H03Rik	1.12E-11	1.90825
BC026877	2310008H04Rik,MGC30630,MGC115787	2.42E-06	4.16359
BG070464	2310007F12Rik	0.00001	1.69898
AW495410	2310003P10Rik,AI314202,AI317350	0.00047	1.54654
BI157086	2300006M17Rik	8.04E-22	6.67133
BE457744	2210412D01Rik,AL023007	1.80E-08	3.1745
BG067388	2210410P13Rik,C86188,AI415447	0.00005	1.96873
BM207133	2210409B22Rik	3.03E-31	3.75776

AK008825	2210404D11Rik,AI462440,mKIAA0887	0.0002	2.37722
BE852759	2210020M01Rik	3.59E-08	15.64048
AV075452	2210013M04Rik,AW046744	3.82E-07	8.13319
AK008617	2200002D01Rik,IMUP,H2RSP,IMUP-1,IMUP-2,2010005J02Rik	5.02E-13	16.47499
AF353245	2010315L10Rik,Ed2,mED2,AV002165,5730403H22Rik	3.87E-18	1.52959
AK008415	2010200O16Rik	0.00011	1.99479
BC027288	2010111I01Rik,Aopep,2300006M17Rik	3.18E-23	3.51621
AK008392	2010110P09Rik,Chp2,Cbhp2	3.74E-24	13.69292
BB174749	2010109K11Rik,AV375874	0.00015	1.70528
AK008190	2010011I20Rik,AI430961,AV108736	7.56E-08	2.51632
AV325310	2010003J03Rik,AI131644	0.00072	1.84445
BI963682	2010002N04Rik,cl-41,AI195350,AW561905	1.89E-13	7.32677
BB275943	1810057P16Rik,E130302J09Rik	1.16E-12	3.92643
BB397062	1810054D07Rik,AV103077,RP23-17O21.2	4.95E-06	6.90944
AV273819	1810048J11Rik,AU017192,4932413O10	0.00002	4.59856
BQ177117	1810041L15Rik	0.00009	3.56474
AK017572	1810036I24Rik,RP23-428I5.3	2.90E-08	1.739
BG069448	1810035L17Rik	0.00013	1.67937
BG921306	1810030O07Rik	2.19E-08	2.07917
AK007503	1810015A11Rik,4930521M19Rik	3.03E-07	3.26184
NM_133706	1810014L12Rik,AI115531,AL022956,MGC102369,	0.00001	9.51861
AK017634	1810014B01Rik	0.0002	2.03259
NM_023056	1810009M01Rik,Lr8,Clast1	0	8.82172
BE994488	1810006K23Rik	0	2.85547
BB476677	1700065D16Rik	3.05E-09	2.38661
BC024705	1700054N08Rik,AI853424	0.00092	3.76654
AV296285	1700051C09Rik,MGC11788,4921513J16Rik,5430417M23Rik	1.57E-06	1.69749
AB047759	1700036D21Rik,79H19A,TESSP-4,AU043574,AU043597	0.00069	4.07013
AV259599	1700029I08Rik,AV259599	0.00004	5.79215
BC019423	1700027N10Rik	0.00011	4.60187
AK006115	1700019E19Rik,R75064	0.00094	1.73425
BI690175	1700018M17Rik	3.73E-25	2.04419
BG920261	1700017D01Rik	6.21E-07	4.56949
AW488914	1700016A09Rik	0.00051	3.91378
BE952061	1700014B07Rik	0.00025	3.11834
BB496291	1700012H17Rik,AW049855,5031405P22	0.00001	2.18991
AW121714	1700010H15Rik,Dnal1,AW121714,E330027P08Rik	2.57E-06	1.86147
AK005772	1700008I05Rik,TCP11,C77164	1.10E-10	6.60708
AV210477	1700003F12Rik	2.83E-08	6.29568
AK005401	1600002O04Rik,AK129450,KIAA1822,mKIAA1822	2.01E-09	6.80303
NM_023831	1500035H01Rik,R75047,c11orf2,AA408110,AI663846	1.27E-11	2.24437
BC019498	1500011H22Rik	0.00023	2.33959
AV216011	1500009L16Rik,2700050C19Rik	6.30E-32	13.92392
BQ174720	1500005P14Rik,AI844915	4.84E-23	3.88155
AI467583	1300007F04Rik	0.00005	2.78813
BG297038	1300007C21Rik,gag protein,murine leukemia retrovirus	0.00011	3.01859
AK007779	1300007B12Rik,1700020N19Rik	5.01E-06	2.27481
BI076834	1200016E24Rik	0.00018	3.75088
BB252479	1200011O22Rik,AU042569,AW548074	1.41E-07	2.11402
AK006283	1200009F10Rik,lkip,D18354,1700023M03Rik	0.00004	1.929
AK004655	1200008O12Rik,2700032M20Rik	0.00029	4.0568
AV309085	1190002N15Rik	0.00015	2.59502
AV224550	1110067M19Rik	4.48E-20	21.63213
BM120737	1110064P04Rik,AI450991,FLJ36626	2.08E-07	1.99427
AV015858	1110059M19Rik	2.15E-19	32.25096
BB766817	1110059G02Rik	0.00001	3.24713
BE307471	1110055N21Rik,mKIAA1698	0.00022	1.56308
AV014636	1110055J05Rik	0.00001	5.08976
AK004221	1110050K14Rik	7.99E-40	10.00274
BE133150	1110038B12Rik,0610009C20Rik,0910001G04Rik	0.00013	1.73497
AK012768	1110037F02Rik,mKIAA1429,4930422M05Rik	2.76E-06	1.51927
BE951265	1110036O03Rik,Sc65,AI413214	7.31E-18	7.09851
AW544518	1110034B05Rik,FLJ37953,MGC117744	8.48E-08	1.67433
AV011961	1110034A24Rik,AV032410,2810020C19Rik	0.00023	2.13757
AI450803	1110033F14Rik,AI450803	7.53E-11	10.00764
AV217222	1110031B06Rik,RP23-378H5.4	8.30E-08	1.54821

BB765875	1110029L17Rik	1.09E-06	1.93848
AK003824	1110019K23Rik	0.00017	1.96358
AV008900	1110014L15Rik	0.00026	2.09642
BB765852	1110013L07Rik	5.19E-13	2.23633
BB795266	1110012J17Rik,MGC77963,t8219b25,mKIAA0802,D130071O13	0.00059	2.08098
BB489180	1110012D08Rik	1.21E-07	2.29719
BC020080	1110007F12Rik	5.51E-09	1.54958
AK003491	1110006E14Rik	3.75E-34	13.11351
AK003403	1110004B13Rik,RP23-19I2.5,2810049P21Rik	0.00006	4.75144
BB752416	1110002L01Rik	0.00002	2.01414
BB229269	0910001A06Rik,AW122079	8.85E-06	2.04286
BC024352	0610041E09Rik,AU041184,AW537806,5730424F14Rik	7.98E-25	1.76338
AV010467	0610025L06Rik,AI413966	0.00056	2.24561
NM_021554	0610012D09Rik,Drev,MNCb-5680	5.60E-06	1.55295
BC006049	0610011I04Rik,Keg2,AU040201,AU041743	3.73E-30	6.61778
BC022145	0610008L10Rik,AI043106,BC022145,MGC30290,MGC37887	2.52E-06	2.26175
AK002308	0610007P14Rik,ORF11,C77855,AU019315,1190004E09Rik	0.00031	1.91075

2394 genes down-regulated in rhabdomyosarcoma (>1.5 fold and P-value < 0.001)

Accession #	Sequence Name(s)	P-value	Fold Change
BM228797	Zranb3,AI316834,C730006D09,4933425L19Rik	1.99E-07	-4.1058
BM123092	Zranb1,Gm1956,Trabid,D7Wsu87e,9330160G10Rik	7.53E-09	-1.88422
BG071922	Znrf2,AU044205,MGC129274,MGC129275,	4.09E-06	-2.63801
BB026596	Znrf1,Rnf42,Zrfp1,nin283,MGC101991,B830022L21Rik	8.00E-08	-6.46183
AK003721	Znhit3,Trip3,Myohd1	7.00E-10	-1.92298
BQ174722	Zhx2,mKIAA0854	0.00037	-1.65581
BB532985	Zfyve9,NSP,SARA,Madhip,SMADIP,E030027L17	0.00002	-2.28444
BB319935	Zfpn1a2,Helios,Znfn1a2	9.90E-16	-3.1636
NM_023322	Zfp99,MGC117641,2310046C23Rik,2810437E14Rik	0.00003	-2.01982
AI430439	Zfp91,Pzf,AL024263,AW545902,9130014I08Rik,A530054C17Rik	3.39E-14	-1.5567
BG069330	Zfp710,AI324798,9830165K13,5430400N05Rik	0.00003	-3.38061
AA165749	Zfp706,C77232,AA793007,AW536850,3110006P09Rik	0.00009	-1.64108
AK016830	Zfp689,4933416E05Rik	1.62E-15	-2.51735
BC003258	Zfp672,4930488P06Rik,4930511N19Rik,RP23-386K17.2	4.03E-13	-1.83023
BC027760	Zfp654,1600021C16Rik,1810008K20Rik	1.66E-06	-2.01902
BC003941	Zfp639,ZASC1,ANC-2H01,6230400O18Rik	0.00028	-1.64923
BQ176690	Zfp612,B230354B21Rik	1.33E-07	-7.15708
BB447914	Zfp503,Nolz1,AI181838,B830002A16Rik	7.14E-15	-2.11688
NM_020589	Zfp467,EZ1,AB041616,AI426952,	0.00058	-1.94396
BI729900	Zfp445,ZNF168,mszf29,mszf50,AW610627	0.00055	-1.50412
NM_019565	Zfp386,Kzf1,KIAA4205,mKIAA4205	1.17E-08	-1.61635
BE629588	Zfp367,ZFF29a,ZFF29b,8030486J21Rik	6.54E-06	-1.79565
BB252481	Zfp364,AU042696,2610028E05Rik	4.08E-16	-2.20309
X14678	Zfp36,Ttp,Gos24,TISII,Nup475,TIS11D,Zfp-36	0.00027	-2.26931
AF184112	Zfp354b,Kid2,Tcf1711,MGC130408,MGC130409	9.87E-06	-2.01127
BE979655	Zfp3,Fnp-1,Zfp-3,AI854635,B230309J24,RP23-326P7.13	0.00009	-2.70598
BM231649	Zfp294,C87237,AV266914,KIAA0714,4930528H02Rik	1.11E-12	-1.64604
AV224554	Zfp27,mkr-4,Zfp-27,mszf76	9.09E-09	-2.07706
AK017929	Zfp198,FIM,MYM,RAMP,SCLL,MGC51607,5830413P05Rik	0.00016	-1.73084
BB579760	Zfp191,KOX17,ZF-12,Znf191	2.90E-13	-1.54874
AV244432	Zfp142,BB154236,mKIAA0236,9330177B18Rik	0.00015	-2.52049
BB224658	Zdhhc2,5730415P04Rik,6430583A19Rik	0.00005	-2.07445
BG869825	Zcsl2,DESR1,DELGIP1	6.16E-39	-2.90658
AK019473	Zc3h6,Zc3hdc6,AU024389,	0.00022	-2.33911
BE852171	Zc3h12a,MCPIP,BC036563,MGC41320	4.56E-06	-3.55012
BB767069	Zbtb4,mKIAA1538,2310026P19Rik,9230111I22Rik,RP23-422L16.16	0.00009	-1.61074
BM200153	Zbtb24,Bif1,Bsg1,ZNF450,BC055367	0.00005	-1.50845
AI327364	Zap70,Srk,TZK,70kDa,ZAP-70,AI327364	2.58E-07	-2.74427
BB667090	Zadh1,AI838763,1810016I24Rik,9630002F03Rik,B830026H24Rik	1.51E-08	-1.53163
NM_022985	Za20d3,Awp1,3110005P07Rik	7.53E-08	-1.53473
AA124553	Za20d2,Zfp216,AA415485,2310057A04Rik,5830475F03Rik	0.00001	-3.4403
BB800086	Ywhag,D7Bwg1348e	0.00075	-1.61077
BB183208	Ythdf3,9130022A11Rik	3.48E-13	-1.84016
NM_023784	Yipf7,Yip1b,MGC107572,2310016N21Rik	1.81E-38	-8.66562
AK008774	Yars2,AW259696,2210023C10Rik	5.17E-06	-2.12991
NM_010247	Xrcc6,Ku70,70kDa,G22p1	1.06E-14	-1.60996

AF166486	Xrcc5,Ku80,Ku86,AI314015	1.25E-07	-2.50754
AV337591	Xpr1,XR,Sxv,Rmc1,Syg1,Rmc-1	1.60E-07	-1.62494
AV124537	Xlkd1,Lyve-1,1200012G08Rik	0.00005	-5.01214
L04961	Xist,A430022B11	0.00029	-92.27805
BG806300	Xist	0.00028	-29.18203
NM_025275	X83328,Amz2,ESTM12	3.86E-35	-2.67928
BI102531	Wwp1,AIP5,SDRP1,Tiul1,8030445B08Rik	0.00041	-4.86794
NM_009523	Wnt4,Wnt-4,MGC123964	0.00011	-3.59808
AK007980	Wnk2,AW122246,mKIAA1760,1810073P09Rik	0	-6.84407
AV298358	Wdt2,dsu,Gm974,MGC92980	4.45E-40	-20.67925
BB795506	Wdr7,TRAG,AI462727,mKIAA0541	5.98E-14	-1.94944
BB123403	Wdr42a,H326,C76055,D1Ucla4	8.17E-15	-1.8615
AV222037	Wdr37,AI481191,mKIAA0982,	0.00004	-2.12966
AK009297	Wdr33,WDC146,1110001N06Rik,	5.35E-13	-1.74297
NM_133734	Wdr23,GLO14,C76035,D14Ucla1,0710008A13Rik	0.00003	-2.25326
BM234499	Wdr22,BCRG2,BCRP2,AI325023	0.00065	-2.26363
NM_025362	Wbscr18,1300007M11Rik	4.61E-18	-1.92368
NM_016852	Wbp2	3.60E-13	-2.2722
NM_011707	Vtn,Vn,AI256434	7.65E-30	-15.82587
AK008752	Vps37a,AW261445,D8Erd531e,2210018P21Rik,4930592A21Rik	0.00002	-2.14928
AK013045	Vps36,Eap45,1700010A24Rik,2210415M20Rik,2810408E15Rik	1.90E-10	-2.18495
AI790396	Vps13d,BC037490,KIAA0453	2.08E-20	-2.27619
BB127955	Vldlr,AA408956,AI451093,AW047288	0	-10.10324
AV308858	Vezf1,db1,AI848691,AW046909	7.74E-08	-1.91751
U48800	Vegfb,Vrf,VEGF-B	2.94E-07	-7.97537
AI606078	Vegfa,VPF,Vegf,VEGF-A,VEGF120	0.00043	-2.11381
NM_011696	Vdac3,MGC102096	0	-2.18676
AV020390	Vdac1,Vdac5,AL033343	0	-2.33531
BF303544	Vapb,R75548,VAP33b,D2Abb2e,	3.16E-07	-1.75297
AK009266	Vamp5	2.49E-14	-3.82423
BB531498	Vamp3,ceb,D130027G05Rik	1.84E-08	-1.6139
NM_013840	Uxt,0910002B17Rik	3.98E-10	-2.08689
AW554408	Usp9x,Faf1,Dffrx,FAF-X,AA407302	3.01E-12	-1.89922
BM249286	Usp45,Gcap7,AI843191,3110003C05Rik,4930550B20Rik	1.58E-10	-1.70701
BG071170	Usp32,Car4,AW045245,2900074J03Rik,6430526O11Rik	0.00018	-2.25784
NM_013918	Usp25	1.13E-06	-2.3946
AI196993	Usp24,C79851,AI414051	3.85E-27	-1.8394
AI553394	Usp2,Ubp41,Usp2-45,Usp2-69,B930035K21Rik	2.44E-42	-13.70393
BB252881	Usp19,Zmynd9,AI047774,8430421I07Rik	3.50E-10	-2.09614
AK014891	Usp15,Gcap18,AI327321,	0	-2.41168
AV347341	Usp13,ISOT3,IsoT-3,AI848077,MGC107670,2700071E21Rik	5.12E-15	-4.2677
NM_009462	Usp10,UBPO,Uchrp,mKIAA0190,2610014N07Rik	4.86E-15	-1.72564
BC024355	Usmg5,2010301L15Rik	9.94E-14	-1.88626
NM_031401	Usmg4,D3Bwg1078e	1.62E-10	-2.78582
AW545289	Uros,Uros3,AI415298	0.00035	-2.01493
AV292769	Urod,AI323803	0	-2.10176
AK003160	Uqcrq,Qpc,QP-C,Uqcrb,9.5kDa,	4.86E-16	-2.24459
AK019085	Uqcrh,2210416J04Rik,2310021J10Rik,2610041P16Rik	1.18E-11	-1.83348
AK003966	Uqcfs1,AI875505,4430402G14Rik	2.20E-11	-2.6231
BG075002	Uqcrc2,1500004O06Rik,4930408O21Rik	5.27E-25	-2.08085
AK004031	Uqcrc1,MGC97899,1110032G10Rik	1.88E-19	-3.69483
NM_026219	Uqcrb,QPC,QP-C,UQBC	2.16E-23	-2.1038
NM_025650	Uqcr,AL022707,0710008D09Rik	1.97E-08	-2.42693
BC004037	Ung,UNG1,UNG2	0.00004	-3.47937
BB355934	Unc84b,SUN2,AI551766,C030011B15,B230369L08Rik	9.55E-10	-2.01118
NM_013881	Ulk2,Unc51.2,AU015340,mKIAA0623,A830085I22Rik	2.87E-06	-2.29183
NM_011674	Ugt8a,Cgt,Ugt8,mCerGT,AI850488,AW455908	1.35E-11	-1.50634
AW146314	Ugp2,MGC38262	3.70E-14	-2.10131
AF053352	Ucp3,UCP-3,Slc25a9,AI645527	0.00088	-14.014
BC012701	Ucp1,Ucp,Slc25a7,AI385626	5.61E-11	-60.09784
AV313813	Uchl5,Uch37,5830413B11Rik	6.41E-21	-1.83478
AB033370	Uchl3	1.57E-11	-1.64049
AV174556	Ubx4,MGC7992,6330407P03Rik	0	-3.65022
NM_024432	Ubx4,Ubx4c2,AU040909,1200008L11Rik,2210415J11Rik	7.16E-07	-1.67852
BB764994	Ubqln4,A1u,UBIN,AI663987	0.00002	-1.65929
BC016456	Ubl7,2300004C15Rik	0.00048	-1.95766

BI650739	Ubl4,Gdx,DXS254E,DXS254Eh,DXHXS254E	7.08E-12	-1.68145
AV328436	Ubl3,HCG,AW108023	0.0008	-1.64484
BB703414	Ubie,Gm921,Ubie2	0.00003	-3.66552
AU067784	Ube3b,AI449831,AU020130	2.41E-08	-2.13462
AV010904	Ube2v2,MMS2,C81524,	8.07E-19	-2.60358
AU040151	Ube2v1,CROC1,AI256840,D7Bwg1382e,0610011J09Rik	9.83E-13	-1.64943
NM_026024	Ube2t,C80607,2700084L22Rik	9.88E-06	-3.65988
AV054417	Ube2r2,Ubc3b,Cdc34b,1200003M11Rik	0	-2.65136
BE980685	Ube2n,AL022654,BB101821,1500026J17Rik	0.00054	-2.12941
BC026581	Ube2m,UBC12,Ubc-rs2,MGC25453,MGC37197	0.00007	-2.01671
BG066549	Ube2l3,UbcM4,Ubce7,C79827,MGC118100	1.60E-08	-2.43824
NM_025985	Ube2g1,AI256795,	7.76E-28	-2.22103
NM_009455	Ube2e1,UbcM3,Ubce5,ubcM2	2.62E-07	-1.53746
AK009276	Ube2d3,AA414951,1100001F19Rik,9430029A22Rik	1.19E-14	-1.57659
BC019464	Ube2d1,UBCH5,MGC28550	0	-5.65532
AK010432	Ube2b,HR6B,Rad6b,E2-14k,2610301N02Rik	1.24E-22	-2.15598
BG868960	Ube2a,HR6A,HHR6A,Mhr6a	5.62E-28	-1.6334
BC007179	Ubap2,AA408600,AU045235,mKIAA1491,1190005K07Rik	3.96E-08	-1.61496
NM_133835	Ubadc1,GBDR1,Gdbr1,AA407978,1110033G07Rik	7.97E-36	-2.76057
BI100077	Txndc4,Erp44,AI849526,AL033348,1110001E24Rik	0.00009	-1.5031
BF162157	Txndc10,AV259382,mKIAA1830,6430411B10Rik,A730024F05Rik	0.00014	-1.53227
AF422244	Txlnb,Mdp77,2310001N14Rik	1.43E-19	-6.26563
AF422244	Txlnb,Mdp77,2310001N14Rik	0	-6.55018
BG067445	Txlna,Txln,AI425952,AW209241,	4.68E-08	-1.60473
NM_018879	Tusc4,G21,NPR2L,NPRL2,2810446G01Rik	0.00001	-1.60196
NM_019742	Tusc2,PAP,Fus1,Lgcc,Pdap2,AA407686,1190001E22Rik	0.00002	-1.74551
AV097965	Tufm,EFTU,C76308,C76389,EF-TuMT,2300002G02Rik	3.76E-06	-2.13021
NM_017379	Tuba8	8.04E-25	-100
AW491660	Tuba4,M[a]4	5.08E-10	-2.87887
BC025840	Ttn,mdm,shru,	6.21E-08	-1.70347
BB329157	Ttc7b,Ttc7l1,AA408451	4.15E-17	-4.63552
BC025435	Ttc4,L62,AF007005,2810002P21Rik	9.13E-09	-1.71816
BB078627	Ttc19,AI505442,2010204O13Rik,2810460C24Rik,RP23-330N10.4	3.42E-06	-3.09638
BC005644	Tst,Rhodanese	1.41E-31	-6.49786
C76990	Tspan8,C76990,Tm4sf3,MGC38363,E330007O21Rik	0.00024	-6.51611
AF201288	Tsc22d3,DIP,Gilz,Dsip1,TSC-22R	1.43E-06	-2.0832
NM_019510	Trpc3,Trp3,Trpp3,MGC124333	6.74E-07	-9.34878
AK003956	Trp53inp2,1110029F20Rik	2.92E-22	-3.19453
NM_134125	Trip10,Cip4,AI646975	0.00087	-3.20372
BB825733	Trim7,AI790312	3.62E-12	-8.32737
NM_021447	Trim54,MURF,Rnf30,	0.00004	-2.66112
BB611004	Trim24,TIF1,Tif1a,AI447469,A130082H20Rik,D430004I05Rik	2.33E-06	-1.80713
AV276781	Trim23,Arfd1,AI450195,6330516O20Rik	3.63E-08	-2.40182
BB033733	Trim16,EBBP,AI482483,9130006M08Rik	1.38E-09	-2.94808
AF223415	Trdn,TDN,triadin-1,triadin-2,triadin-3,2310045H21Rik	9.87E-12	-3.58956
AK007951	Trappc2,Sedl,TRS20,MIP-2A,AW496358,	7.97E-14	-1.95801
BB297636	Trap1,HSP75,2410002K23Rik	0.00099	-1.75197
AK011869	Tprt,TPT,mDLP1,2610203G20Rik,2700031G06Rik	2.71E-06	-2.74841
AI266910	Tpp1,Cln2,TPP-1	0.00083	-1.59494
NM_022314	Tpm3,Tpm5,Tm5NM,Tpm-5,hTMnm,	0.00002	-1.93559
AK003186	Tpm2,Tpm-2,Trop-2	2.65E-27	-2.49321
AV209969	Tpm1,Tmpa,Tpm-1,AA986836,alpha-TM	1.93E-27	-8.58132
AW537828	Tpi1,Tpi,Tpi-1,AI255506	0	-3.79948
NM_009413	Tpd52l1,D53	7.68E-07	-2.75582
BG072270	Tom1l2,Srebf1,AU042072,2900016I08Rik	8.62E-07	-1.73655
AV174616	Tob2,AV071822,mKIAA1663,2900090N22Rik,4930545K18Rik	1.65E-06	-2.39386
BQ266486	Tob1,Tob,Trob	3.79E-30	-3.31944
NM_031176	Tnxb,Tnx,tenascin-X	2.82E-10	-9.22699
BB788270	Tnrc6b,MGC28739,A730065C02Rik,D230019K20Rik	5.19E-11	-1.52552
NM_011620	Tnnt3,fTnT	3.71E-12	-3.06336
NM_009405	Tnni2	3.41E-11	-3.13825
AI662480	Tnks2,AA517131,AI662480,5430432P15Rik	1.11E-14	-2.29186
BB156756	Tnik,AI451411,1500031A17Rik,4831440I19Rik,C530008O15Rik	0.00034	-2.7332
AK004939	Tmprss6,1300008A22Rik	0.00023	-2.79917
NM_016712	Tmod4,MTMOD,Sk-Tmod	1.13E-34	-10.09039
NM_021883	Tmod1,Tmod,E-Tmod,MGC124125,MGC124126	6.79E-07	-2.16759

BC027354	Tmem87a,A930025J12Rik	0.00007	-1.61117
BC024458	Tmem77,Al647667,2010305N14Rik,2610318G18Rik	5.61E-45	-1.76264
BC011320	Tmem70,1110020A09Rik,2210416J16Rik	0	-2.88053
BC027828	Tmem60,BC027828,MGC38035	6.93E-35	-1.92817
BB768133	Tmem56,AU018104,AW109744,4930577M16Rik,C730036B01Rik	0.00004	-3.61269
AK009779	Tmem52,2310043I08Rik	0.00002	-36.27717
BC020100	Tmem5,MGC28135,MGC103359,6330415D21Rik	7.87E-14	-1.69354
BC026654	Tmem45b,BC018222,MGC25912,MGC37581	0.00044	-21.31984
BB311030	Tmem41b,AU018901,MGC38847,	0.0001	-1.79395
AW540790	Tmem38b,AA437809,D4Ert89e,1600017F22Rik	0.00001	-1.64569
BC014728	Tmem38a,Al413399,1110001E17Rik	1.54E-20	-4.44444
BB262218	Tmem32,BC032271,MGC40705,9630048L06Rik	2.07E-16	-1.74584
AK002841	Tmem25,Al429491,0610039J01Rik	0.00034	-3.49159
BM238389	Tmem23,MOB,SMS1,Sor1,C80702,	1.18E-06	-2.46719
BC026973	Tmem15,BC026973,MGC36683,mKIAA1094	2.34E-07	-2.2997
BG075225	Tmem11,AA409091,5730466P16Rik	0.00002	-2.11983
AV246773	Tmeff2,4832418D20Rik	2.93E-07	-2.615
BC020076	Tmed5,3110020O18Rik,4432412D15Rik	2.24E-28	-2.04649
BB463345	Tmed4,Al326346,1110014L17Rik,RP23-198N14.6	1.29E-08	-1.59257
BB711990	Tmcc3,Tmcc1,C88213,AW488095,MGC30586,C630016B22Rik	0.00002	-2.14768
AK004359	Tmcc2,KIAA0481,1110063G11Rik	0.00039	-1.77167
AA244468	Tmcc1,mKIAA0779,3632431M01Rik	5.50E-11	-4.07536
BB428982	Tmc7,C230064B05,C630024K23Rik	3.83E-18	-6.41537
BQ176328	Tm2d3,Blp2,1110025I09Rik,5930422O05Rik	0	-10.95317
AF353993	Tm2d1,Bbp,AA990549,2310026L18Rik	0.00025	-1.91393
AU045006	Tle4,Bce1,Grg4,Bce-1,	7.31E-07	-2.284
AV103412	Tkt,p68	7.61E-08	-1.88586
BB365296	Tirap,Mal,wyatt,Tlr4ap,AA407980,C130027E04Rik	3.84E-07	-2.00201
BB707122	Tiparp,DDF1,PARP7,PARP-7,AW558171	0.00002	-2.29315
BB381550	Timp4,TIMP-4	1.24E-06	-7.99561
BM878039	Timp2,Timp-2,D11Bwg1104e	0.00023	-2.83729
BC028435	Timm9,Tim10a,Timm10,2810011L15Rik	0.0005	-3.93992
AK004190	Timm8b,Tim8b	0	-2.62029
AV102008	Timm44,Tim44,Mimt44,D8Ert118e,0710005E20Rik	6.84E-29	-2.45511
NM_016897	Timm23,Tim23,MGC46821	0	-1.96506
AF106620	Timm17a,17kDa,mTim17a	4.55E-20	-1.67778
BB373351	Tigd2,3632410O17Rik	3.57E-06	-1.5301
BB350618	Thtpa,AW122966,MGC38198	1.20E-16	-2.05817
NM_009381	Thrsp	2.75E-06	-8.95851
BC009165	Thrsp	1.15E-29	-15.05626
BB523900	Thrb,Nr1a2,Thrb1,Thrb2,T3R[b],T3Rbeta,c-erbAbeta	0.00002	-2.09493
BI525006	Thra,Rvr,Erba,Nr1a1,	1.79E-08	-2.47936
BG066490	Thoc1,NMP-84,AW107452,MGC28284,3110002N20Rik	5.60E-09	-1.85862
NM_025790	Them2,RP23-92G13.5,0610006O17Rik	0	-5.80195
BB130418	Thap4,2010320B01Rik	1.92E-06	-3.02711
BG794571	Tgfr3,TBRIII,AU015626,AW215636,1110036H20Rik	0.00084	-2.6457
AK011596	Tfr3,TFR,p90,CD71,TFR1,	2.33E-06	-2.88011
BM246377	Tfdp2,DP3,DP-3,A330080J22Rik	3.62E-07	-1.7132
Al429207	Tfb1m,Al429207,MGC41387	0.00002	-1.6061
NM_009360	Tfam,Hmgt5,mtTFA,tsHMG,Al661103	1.24E-21	-1.72253
BG976649	Tex2,TEG-27,AW539211,MGC103362,MGC118625	1.27E-09	-2.03434
Al553404	Tex2,Taz4,Def-5,Al553404,4930568E07Rik	5.31E-10	-1.97579
BM124391	Terf1,Pin2,Trf1,Trbf1	0.00084	-2.07146
BC017689	Tef,2310028D20Rik	3.37E-22	-3.01215
BG070567	Tdrd3,6720468N18,4732418C03Rik	0.00006	-1.78422
BM245221	Tcp11I2,MGC39016,E430026E19Rik	9.27E-19	-1.65137
NM_013687	Tcp11,Tcp-11,D17Ken1,MGC107229	2.56E-06	-2.49723
NM_009341	Tcp10c,T66C-a,Tcp-10c,D17Leh66C,D17Leh66ca	7.14E-06	-5.52112
AV143687	Tcn2,Tcn-2,AW208754	0.00004	-2.16582
NM_011549	Tcf3b,TFEB	0.00071	-5.35455
NM_009328	Tcf15,Meso1,paraxis,bHLH-EC2	3.49E-28	-9.25779
AV264059	Tceb3,110kDa,Tceb3a,AA408125	6.21E-07	-1.83579
Al891570	Tceb1,AA407206,	2.08E-16	-2.39219
BC010807	Tcea3,S-II	0	-44.44577
NM_009323	Tbx15,de,Tbx8,Tbx14	6.41E-39	-4.21478
BB139935	Tbrg4,Cpr2,TB-12,	5.81E-10	-2.16647

BB043465	Tbpl1,STD,TLF,TRP,	0.00009	-2.21808
AF023098	Tbc1d4,As160,AV295684,KIAA0603,A930035N22,5930406J04Rik	1.70E-08	-2.61508
BC020138	Tbc1d19,2810453K03Rik	2.37E-10	-1.56274
AV060417	Tbc1d10c,AI428527,1810062O14Rik	0.00008	-3.92921
NM_133682	Taz,G4.5,XAP-2	1.14E-07	-1.7753
AK005193	Tatdn3,1500010M24Rik	3.10E-08	-2.12636
BG083270	Tatdn1,CDA11,2310079P03Rik	1.26E-10	-1.66483
AK011540	Tarsl1,AI429208,2610024N01Rik	2.86E-06	-1.8747
AW538183	Tardbp,C85084,1190002A23Rik	5.44E-14	-1.63353
BC019453	Taf9,Taf2g,AA673500,	5.14E-25	-3.64635
BC004057	Tacc2,KIAA4180,mKIAA4180	5.80E-12	-3.24334
NM_018802	Syt8,MGC124104,MGC124105	3.50E-13	-5.74809
NM_008596	Sypl2,Mg29,AI552439	4.47E-23	-16.01813
AI848603	Synpo2,Myo,AI848603,myopodin,1110069I04Rik,9530006G20Rik	3.09E-25	-5.08481
AI849322	Synpo,AW046661,9330140I15Rik	1.58E-10	-10.28316
BG065785	Synj2,SJ2,AI481647,mKIAA0348	1.79E-08	-2.02334
BC004829	Syngr2,Clast2,cellugyrin	2.61E-18	-3.08328
NM_009303	Syngr1,p29,R75468,Syngr1b	0.00006	-3.99802
BF582734	Syne2,NUA,AW546258,MGC96690	3.85E-20	-3.75105
BM899344	Sycp3,Cor1,Scp3	3.16E-42	-2.78524
BM203457	Svil,AU024053,B430302E16Rik	1.10E-14	-2.05655
AI452098	Supv3l1,6330443E10Rik	6.89E-06	-1.60583
BB822310	Supt7l,2610524B01Rik,6030455L14Rik	1.87E-06	-1.81066
NM_020564	Sult5a1,Sultx1,Sult-x1	0.00085	-2.6335
AK002700	Sult1a1,PST,Stp,Stp1,AI266890	3.28E-10	-6.05182
BB401995	Suhw2,D10Jhu82e	0.00099	-1.83812
BE853371	Sugt1,SGT1,2410174K12Rik	4.29E-21	-3.01972
BF608645	Suclg2,AF171077,AW556404,MGC91183,D6Wsu120e	3.22E-15	-2.90631
NM_019879	Suclg1,Sucla1,1500000I01Rik	0	-3.58165
AK005273	Sucla2,4930547K18Rik	1.25E-28	-2.2445
NM_019637	Styx,hStyxb,MGC106795,0610039A20Rik	0	-2.24862
BG245414	Stxbp4,Synip,6030470M02Rik	5.75E-06	-5.49521
NM_011504	Stxbp3a,Stxbp3,Sxtbp3,MGC86097,Munc-18c	1.86E-06	-1.51647
NM_018768	Stx8,CARB,0610007H08Rik,1110002H11Rik,4930571E13Rik	0.00091	-1.6555
AK018158	Stx17,AW048351,4833418L03Rik,6330411F21Rik,9030425C21Rik	6.46E-07	-1.79942
AK006314	Strbp,Spnr,C86322	0.00018	-2.37994
NM_023231	Stoml2,MSLP2,0610038F01Rik	3.99E-07	-1.73312
BB748611	Stk38,Ndr1,AA617404,5830476G13Rik,9530097A09Rik	0.00054	-2.33454
AV375248	Stk35,CLIK1,1700054C12Rik	0.00021	-2.23395
NM_054098	Steap4,Tiarp,Tnfaip9,AI481214,dudulin 4,1110021O17Rik	4.67E-06	-2.68728
BB774473	Stc2,Stc2l,mustc2	0.00001	-3.42358
BC024319	Stat5b	0	-7.14946
BM119481	Stard8,KIAA0189,mKIAA0189	2.55E-10	-2.99334
AI852671	Stard7,AI852671,AL022671,AW544915,MGC27663	1.78E-18	-1.90105
BI076697	Stard5,AI607880,D7Erd152e,2310058G22Rik	0.00002	-2.59619
NM_019990	Stard10,PCTP2,Pctpl,CGI-52,PC-TP2,TISP-81,	0.00008	-2.76617
BB135364	Stac3,9830125E18	0.00019	-3.87515
NM_013666	St8sia5,Siat8e,ST8SiaV,MGC41119	8.89E-14	-11.1285
BB122084	St7l,St7r,MGC130399	5.13E-06	-1.51215
BB532866	St3gal6,Siat10,AI930218,AW552396,St3galVl,1700023B24Rik	6.93E-10	-3.47095
BB829192	St3gal5,3S-T,[a]2,Siat9	0.00001	-2.42238
BG064390	Ssh1,SSH-1,Gm1394,Gm1395,mSSH-1L,AW551225	0.00024	-3.93288
BC021839	Srpr,1300011P19Rik	1.18E-27	-3.02803
BG795043	Srl,sar,AW108387,9830004M20Rik	0	-2.12899
AI326423	Srebf1,ADD-1,SREBP1,SREBP-1,	0.00001	-2.43966
AF174535	Sqrdl,0610039J17Rik,4930557M22Rik	1.38E-30	-2.92012
BB815380	Spop,TEF2,Pcif1,AI315626	3.40E-07	-1.75102
BB428424	Spock3,AI428471,KIAA4039,mKIAA4039,2900045C01Rik	0.00048	-5.93239
AK005880	Spata3,Tsarg1,Mtsarg1,	0.0004	-2.62348
BM204396	Spata2,AI504642,MGC38980,mKIAA0757	1.77E-06	-1.89296
BI903628	Spata11,2310045B01Rik,2510008E23Rik	0.00006	-3.6094
AK007793	Spast,Spg4,mKIAA1083	7.40E-07	-1.68045
BB239907	Spag7,ACRP,FSA-1,Fsa1l,MGC67704,5730443G10	6.48E-36	-2.0581
BG061840	Spag16,Pf20,Wdr29	1.67E-07	-2.6297
NM_011446	Sox7	7.77E-09	-2.55956
D61689	Sox6,AI987981	4.16E-14	-4.11415

AK004781	Sox17,Sox	1.37E-08	-2.4138
Z11664	Sos2	1.40E-15	-1.94561
AV247637	Sort1,Ntr3,Ntr3,Al852375,2900053A11Rik	4.31E-29	-3.61902
BI143942	Sord,Sdh1,Sdh-1,Sodh-1,MGC31355	8.88E-25	-5.92376
NM_013671	Sod2,MnSOD,Sod-2,MGC6144	8.45E-43	-2.36253
BG067098	Socs7,Nap4,C85125,2310063P06Rik	8.80E-08	-1.70471
AV270982	Snx19,Al195321,Al848208,mKIAA0254,3526401K03Rik	0.00001	-1.67483
BC019424	Snx16,Al117577,Al747675,4930522N22Rik	8.98E-14	-1.53537
AV377013	Snx13,mKIAA0713	5.49E-35	-2.03253
BB308395	Sntg1,SYN4,G1SYN,4933426D16Rik	0.00081	-2.92213
NM_009228	Snta1,Snt1,AW228934	0.00046	-4.96063
NM_013670	Snrpn,SMN,Peg4,HCERN3,MGC18604,MGC30325,2410045I01Rik	5.75E-16	-4.27191
AW046420	Snrpd3,SMD3,AW046420,1700043E15Rik,2310009E13Rik	0	-3.93956
BC020189	Snrk,R74830,Al448042,	2.79E-06	-2.05491
BB154631	Snf1lk2,Sik2,G630080D20Rik	3.01E-10	-2.45436
NM_011430	Sncg,C79089,persyn	0.00041	-4.05488
AI324124	Snca,NACP,alphaSYN	0.00006	-2.35209
BB461550	Snapp2,AU015675,0610007H10Rik	0.00002	-2.6241
BC023119	Smyd2,Zmynd14,4930402C15,1110020E07Rik	9.59E-06	-2.07286
AW744143	Sms,Gy,gyro,Al427066	1.21E-40	-3.22066
U82380	Smr2,MSG2	0	-16.00721
NM_011422	Smr1,MSG1,AA589601	9.32E-06	-4.56679
NM_020561	Smpd3a,ASM3A,ASML3,ASML3A,Al529588,0610010C24Rik	6.49E-19	-2.11518
NM_021491	Smpd3,fro,nSMase2,Al427456,AW537966,4631433G07Rik	1.24E-09	-4.94157
NM_022315	Smoc2,Smoc2l,1700056C05Rik,5430426J21Rik	3.50E-23	-5.34166
AV281575	Smc6l1,SMC6	0.00068	-1.88397
BI646741	Smad3,Madh3,AU022421	1.21E-07	-1.79273
BM200011	Sltm,Met,5730455C01Rik,5730555F13Rik,9130215G10Rik	7.18E-10	-2.87266
BG066440	Slco6c1,C79179,4933404A18Rik	0.00073	-3.10036
BE686667	Slco5a1,AA407151,4732454B15,A630033C23Rik	0.00005	-2.19445
BM237089	Slco3a1,Anr1,MJAM,OATP-D,R75096,Slc21a11,5830414C08Rik	0.00008	-3.07974
AV237157	Slco2b1,OATP-B,Slc21a9,Al060904,Al852653,MGC106224	0.00076	-4.39136
BB611738	Slc9a6,mKIAA0267,3732426M05,6430520C02Rik	1.23E-12	-2.25754
AV373598	Slc9a3,NHE3,Al930210,9030624O13Rik	0.00088	-1.74283
AV274006	Slc9a2,NHE2,AV333884,	6.28E-20	-4.54624
AV361504	Slc8a3,Ncx3,AW742262,MGC90626	2.88E-10	-5.25206
NM_017394	Slc7a10,Asc-1,AL024237,D7Bwg0847e	0.0004	-4.921
BG069516	Slc6a8,CRT,CT1,CRTR,Creat,AA589632	1.80E-33	-1.99693
BE655147	Slc4a4,NBC,Al835705	0.00097	-3.19427
NM_011403	Slc4a1,Ae1,CD233,Empb3,l11Jus51	0.00002	-4.79932
BC024519	Slc45a3,PRST,IPCA-6	7.17E-08	-2.713
BB378464	Slc43a1,PB39,Pov1,R00504,AA986141,2610016F07Rik	3.33E-12	-4.29882
BC011108	Slc41a3,Al480742,SLC41A1-L2,1010001P06Rik	6.41E-15	-10.61364
BF134253	Slc41a1,Al573938,B230315F01Rik	7.09E-24	-2.67228
NM_027052	Slc38a4,Ata3,mATA3,1110012E16Rik,1700012A18Rik	4.14E-14	-10.27803
NM_023805	Slc38a3,Nat1,D9Ucla2,Slc38-3,0610012J02Rik	0.00015	-8.46303
NM_008063	Slc37a4,G6PT,G6pt1,mG6PT,GSD-1b	0	-22.48098
AI596194	Slc36a2,PAT2,Tramd1,A530067G19Rik	0.00017	-10.35131
BB117951	Slc30a9,HUEL,GAC63,AL024256,2310024J23Rik	1.37E-07	-1.50604
AB008453	Slc2a4,Glut4,Glut-4	8.82E-07	-14.20015
NM_021520	Slc28a2,Cnt2,BB152493,B430217P18,2010208B10Rik	2.11E-21	-12.23774
AI156620	Slc27a1,Fatp,FATP1	1.13E-13	-2.96537
BC026925	Slc25a4,Ant1,AU019225	1.90E-11	-2.00685
BC019996	Slc25a35,1810012H11Rik,RP23-396M19.7	0.00025	-2.63441
NM_133668	Slc25a3,PTP,Phc,5730556H19Rik	9.47E-27	-1.74433
BB832209	Slc25a29,CACL,mCACL,C030003J19Rik	0.00005	-3.85641
BC019170	Slc25a26,Slc25a6,AW557176,	3.55E-08	-6.65933
BB186319	Slc25a25,MCSC,MGC36388,mKIAA1896,1110030N17Rik	9.65E-06	-7.85778
AV008091	Slc25a20,Cact,mCAC,C78826,1110007P09Rik	0	-2.43443
BC018167	Slc25a19,DNC,MUP1,2900089E13Rik	2.19E-09	-4.31453
AW541300	Slc25a15,Ornt1,D630044L02Rik	0.00002	-1.90723
AK019150	Slc25a12,Al839531,2610002D09Rik	1.40E-44	-4.7718
AI647500	Slc25a11,2oxoc,2310022P18Rik	2.43E-07	-3.36083
NM_009201	Slc1a5,R16,AAAT,ATBO	6.59E-11	-4.93011
NM_030696	Slc16a3,Mct3,Mct4	0.00001	-5.08691
BG066654	Slc16a10,TAT1,PRO0813,9830169E08,2610103N14Rik	3.46E-06	-2.08041

NM_009196	Slc16a1,Mct1,AL022710	1.79E-16	-2.55001
AK012158	Skiv2l2,mKIAA0052,2610528A15Rik	2.11E-16	-1.50528
AI893638	Six4,AREC3,TrexBF,AI047561	7.60E-09	-2.05439
NM_012029	Sitpec,ECSIT	3.31E-14	-4.87858
AK002609	Sirt5,AV001953,0610012J09Rik,1500032M05Rik	3.20E-06	-2.10129
NM_022433	Sirt3,Sir2l3,AI848213,2310003L23Rik	1.10E-07	-2.56845
AV332957	Shox2,OG12,Prx3,SHOT,Og12x,6330543G17Rik	0.00077	-2.68463
AF237702	Shmt1,Shmt,mshmt,C81125,mshmt1,mshmt2,AI324848,AI385541	5.66E-13	-5.79484
BC016203	Sharpin,SIPL1,RBCKL1,AW121341,0610041B22Rik	1.24E-06	-1.84717
AW910872	Sh3rf2,RNF158,AI452083,2310046K19,9130023G24Rik	2.98E-07	-4.63726
NM_015825	Sh3bgr	8.41E-25	-12.61015
AK008803	Sh2d4a,SH2A,2210402M20Rik	0.00041	-4.21737
NM_011361	Sgk,Sgk1	0	-2.25493
AI844814	Sgcb,43kDa,beta-SG,AI747103,AI844814	6.25E-07	-2.20389
NM_009161	Sgca,Asg,50DAG,59kDa,adhalin	8.25E-16	-3.31303
BB772209	Sfrs14,MGC66544,mKIAA0365	6.89E-07	-1.84961
NM_013651	Sf3a2,66kDa,PRP11,SFA66,Sap62	2.06E-06	-2.54374
BM114815	Set7,mKIAA1717,1600028F23Rik	8.54E-12	-1.85945
AV016566	Sesn1,PA26,SEST1,AU044290,MGC118148,1110002G11Rik	0.00001	-1.60824
NM_008458	Serpina3c,1A1,Kalbp,Klkbp	0.00017	-7.12492
AK002313	Serhl,AU019786,0610008B10Rik,1110019M09Rik	0.00076	-2.22965
BC006030	Serbp1,Pairbp1,AL022786,1200009K13Rik,9330147J08Rik	9.69E-06	-1.88401
NM_013759	Sepx1,SELX,SelR,Sepr,Msrb1,D17Wsu82e	4.44E-06	-3.01572
BB464434	Sepw1,selW	1.72E-19	-2.32947
BE200310	Sephs2,Sps2,Ysg3	4.29E-22	-2.14842
AK018606	Senp8,Den1,Nedp1,Prsc2,AU020827,9130010J17Rik	5.42E-07	-2.00785
AV230864	Sema4c,Semaf,Semai,Semac1,AI426163,mKIAA1739	0.00065	-2.40469
BB114323	Sema4a,SemB,Semab,AI132332	0.00001	-2.08837
NM_019414	Selenbp2,AP56,Lpsb2	8.49E-17	-3.80048
NM_009150	Selenbp1,Lp56,Lpsb,MGC18519	2.56E-10	-3.84301
NM_021305	Sec61a2	1.97E-18	-2.06165
BM233963	Sec24a,AI504915,9430090N21Rik	2.72E-09	-2.03449
BE197945	Sdpr	2.99E-21	-4.00044
NM_025321	Sdhc,AI316496,AU019277,MGC103103,0610010E03Rik	2.72E-08	-2.67612
BC013509	Sdhd,0710008N11Rik	9.11E-26	-2.68163
BF585357	Sdha,FP,SDH2,SDHF,C81073,4921513A11,2310034D06Rik	0	-2.92882
BG064675	Sdf4,Cab45	0.00004	-1.72782
AU016501	Scyl1,Ntkl,p105,C85140,2810011O19Rik	0.00009	-2.06635
BM211317	Scrn3,Ses3,AI427019,AV002033,4833415E20Rik	2.09E-42	-4.34477
C76618	Scp2,SCPx,SCP-2,C76618,C79031,	2.51E-09	-2.13165
BM932452	Scoc,AA415030,0610011C06Rik,2810002J11Rik	8.32E-07	-1.57096
BB452990	Scn7a,NaG,Nax,Nav2,Scn6a,Nav2.3,AI642000,1110034K09Rik	0.00014	-1.88835
BE993937	Scn4b,Gm1471	4.64E-34	-22.01772
BQ175340	Scn2b,Gm183,MGC116602,2810451E09Rik	0.00032	-2.00645
BC009652	Scn1b	1.78E-07	-6.61459
NM_013928	Schip1,Nf2ip,SCHIP-1	8.90E-16	-1.5386
NM_009130	Scg3,Chgd,SgIII,1B1075,AI385542	7.88E-06	-10.48483
BE133651	Scd3,4930513N16Rik	0.00065	-2.01979
NM_009127	Scd1,ab,SCD,Scd-1,AA589638,AI265570	2.67E-33	-8.67416
AB016248	Sc5d,A830037K02,A830073K23Rik	8.35E-09	-1.82027
AV172776	Satb1,AW413156,2610306G12Rik	1.29E-12	-2.53184
AK010187	Sar1b,CMRD,Sara2,Sara1b,2310075M17Rik,2900019I22Rik	4.38E-26	-3.36751
BB085063	Samm50,1110030L07Rik	1.02E-23	-1.81628
BQ176258	Samd8,MGC118303,1110053F04Rik,1700010P07Rik	1.06E-08	-1.64573
NM_020568	S3-12,mKIAA1881	2.31E-08	-26.0367
BG793713	Ryr1,Ryr,skrr,AI528790	0.00011	-2.98338
BQ175050	Rxra,Nr2b1,RXRalpha1,9530071D11Rik	0.00003	-2.3663
AK003262	Rwdd1,0710001K08Rik,2610002D06Rik,2700069A07Rik	2.54E-15	-1.61176
AF005936	Runx2,Cbf,LS3,AML3,Osf2,Cbfa1,	0.00012	-2.40646
AB046930	Runx1,AML1,Cbfa2,Pebp2a2,Pebpa2b,AI462102	0.00017	-3.01916
AV156392	Rufy1,Rabip4,ZFYVE12,3000002E04Rik	3.69E-06	-1.77335
NM_130892	Rtn4ip1,NIMP,D10Erd690e	1.56E-08	-4.31528
AK003859	Rtn4,ASY,NOGO,NSP-CL,	3.82E-23	-1.53479
AF038538	Rtn2,Ms10p,Nspl1,MMS10-P,MGC35990	0.00009	-4.73708
AW120535	Rtf1,Gtl7,cbp82,	0.00012	-1.69232
AV273445	Rsnl2,1700024K14Rik,	1.28E-13	-5.61165

AI503514	Rsn,CYLN1,C81039,	1.88E-07	-3.03051
BI110088	Rsc1a1,RS1,mRS1,1700027M01Rik	1.75E-11	-3.62296
AV304745	Rrs1,Rrr,AA415037,D1Erd701e,5730466A07Rik	3.58E-07	-1.79078
BB354941	Rragd,AI467523,D4Erd174e,5730543C08Rik,C030003H22Rik	0.00031	-2.87224
BB737182	Rps6ka2,Rsk3,90kDa,p90rsk,pp90rsk,D17Wsu134e,Rps6ka-rs1	0	-5.34075
BG069849	Rpp30,TSG15,Rnasep2	8.26E-08	-1.68771
NM_009087	Rpo1-3,16kDa,mRPA16,MGC107156,1110003G10Rik	1.77E-10	-1.57859
NM_009086	Rpo1-2,RPA2,128kDa,RPA116,RPA135,D630020H17Rik	1.37E-06	-1.91639
NM_025425	Rpl3l,1110057H16Rik	0	-100
NM_009075	Rpia,RPI	4.69E-14	-2.21031
BM244983	Rpa1,Rpa,RF-A,RP-A,70kDa,AA589576,AW557552,5031405K23Rik	0.00037	-1.76413
BB050663	Rora,sg,ROR1,ROR2,ROR3,Nr1f1,staggerer,9530021D13Rik	3.25E-10	-3.38681
BB540667	Rnpep1,AI894167,1110014H17Rik	1.60E-07	-1.92229
AK014739	Rnmtl1,HC90,AI255153,RP23-147P4.7,4833420N02Rik	9.22E-10	-1.87027
BC021778	Rnf8,AIP37,3830404E21Rik	0.00006	-2.04849
BG069791	Rnf7,SAG,Rbx2	0.00009	-7.49583
NM_030564	Rnf34,RIFF,C88279,MGC7670,AW061037,AW536122,BC004042	2.14E-07	-1.74365
AK012288	Rnf32,Lmbr2,	6.36E-06	-2.05914
BG817292	Rnf28	8.16E-17	-3.2264
AK016137	Rnf139,4930555P18Rik	2.47E-18	-2.48956
AK011088	Rnf130,GP,G1rp,G1RZFP,GOLIATH,2510042A13Rik	0.00008	-1.62874
AK004847	Rnf128,GRAIL,Greul1,AI987883,1300002C13Rik	3.19E-33	-11.19261
BB765679	Rnf123,Kpc1,BC003945	1.61E-42	-4.93205
AI835553	Rilp,Gm857,AI835553,RP23-384C18.10	1.27E-11	-10.92765
BB667093	Ric8b,Ric-8,BC051080,MGC58970	1.80E-12	-2.05637
AF378088	Rhou,Arhu,G28K,WRCH1,mG28K	0.00046	-2.1475
BM201133	Rhot2,Arht2,Miro2,MGC31216	0.0001	-3.94468
BB612707	Rgmb,DRAGON,1110059F19Rik	0.00023	-1.8262
BB827685	Rgma,BC059072,MGC38550,MGC69915,C230063O06	3.70E-25	-5.19777
BC023147	Rg9mtd1,Rnmt1,MGC118020,D16Erd454e,1300018J16Rik	0.0001	-1.71219
NM_019437	Rfk,KOI-4,AF031381,0610038L10Rik	6.42E-15	-1.6397
NM_019570	Rev1l,Rev1,AU022044,MGC66950,1110027I23Rik	3.65E-28	-2.00141
NM_020509	Retnla,HIMF,Xcp2,Fizz1,RELMa,cytokine,	3.65E-10	-38.82521
NM_022984	Retn,ADSF,Rstn,Xcp4,Fizz3	8.34E-22	-45.08131
BF471533	Ret,PTC,RET9,RET51	3.01E-11	-8.46173
AW556696	Rere,ARG,ARP,Atr2,DNB1,	2.11E-08	-2.07447
NM_025654	Rdm1,Rad52b,AW212028,2410008M22Rik	0.00059	-3.2396
NM_023697	Rdh14,PAN2,AW215439,3110030G19Rik	2.99E-28	-3.44839
BC025872	Rcsd1,BC025872,MGC32399,A430105K13Rik	0.00001	-2.35457
BC004574	Rcl1,Rnac,RPCL1,C76567,AI789745,2310040A02Rik	0.0002	-1.66408
NM_019712	Rbx1,AA517855,1500002P15Rik	3.35E-24	-1.86949
U47333	Rbl2,Rb2,p130	3.10E-23	-2.118
BB557382	Rbed1,RBM29,ELMOD3,AI844780,MGC27575,C330008I15Rik	0.00077	-2.62449
BE570980	Rb1cc1,Cc1,FIP200,	5.88E-37	-1.86272
NM_009028	Rasl2-9,M2,Ran,Ran/M2	7.00E-06	-2.1409
AK014511	Rasl12,4631404I11Rik	1.88E-07	-1.60203
BB042252	Rasgrp3,Gm327,BC066069,MGC74365,MGC79207	0.00013	-2.89665
BC026377	Rasd2,Rhes,TEM2,TEM-2,AU045414,4930526B11Rik	0.00033	-6.8004
BB266455	Rarb,Hap,Nr1b2,RARbeta2,A830025K23	1.03E-12	-3.20337
BC020532	Rapgef3,Epac,Epac1,MGC19192,2310016P22Rik,9330170P05Rik	0.0001	-2.21708
AW108431	Ranbp6,FLJ111120,C630001B19	3.59E-09	-1.66132
AW536621	Ranbp5,IMB3,IPO5,Kpnb3,	1.12E-09	-1.53707
BB770528	Rai2,3f8	4.98E-07	-2.53194
AU040322	Rai16,G430067P06Rik	8.63E-20	-2.00836
NM_029780	Raf1,Craf1,Raf-1,	0.00063	-1.52964
BI256061	Rad23a,mHR23A,AL024030,2310040P19Rik	5.89E-07	-2.85129
BC012214	Rabgga,gm	3.04E-06	-2.278
BB280137	Rabgef1,Rin2,Rab5ef,Rabex5	2.75E-08	-1.81104
AV377824	Rabgap1,Gapcena,KIAA4104,MGC30493,mKIAA4104	0.00002	-3.22876
NM_019773	Rab9,AI195561,Sid6061p,2410064E05Rik	2.00E-06	-1.52044
NM_009003	Rab4a,Rab4,AI848268	0.00006	-2.26824
AV235634	Rab3ip,Rabin3,Gtpat12,MGC90794,B230311A06	2.82E-21	-3.35136
NM_009001	Rab3a	0.00006	-3.05962
AK012286	Rab28,MGC8039,AW496496,2700023P08Rik	0.00015	-1.65083
BB767504	Rab21,9630024B22	0.00036	-1.65005
BI083615	Rab11a	1.42E-24	-1.86622

BF465974	Rab10,AW107754	1.35E-08	-1.70244
AW550283	Rab1,Gtbp,Ypt1,Rab-1,Rab1A,mKIAA3012	1.58E-16	-1.64144
BB517855	Qrs1,GatA,C80053,2700038P16Rik	0	-2.1599
BC002107	Qdpr,Dhpr,PKU2,D5Erd371e,2610008L04Rik	0	-3.26118
BB314594	Qars,GLNRS,C80286,MGC105238,	5.39E-07	-1.76304
NM_011224	Pygm,AI115133	2.72E-25	-12.94885
NM_133198	Pygl	2.49E-09	-3.01673
NM_021534	Pxmp4,Pmp24,3010018P03Rik	0.00038	-2.33818
AF309644	Pxmp2,22kDa,PMP22	1.01E-10	-5.84794
NM_013645	Pvalb,PV,Pva	0.0001	-14.69298
BB470225	Ptx3,TSG-14,AI607804	5.91E-08	-5.64297
NM_011220	Pts,PTPS	6.67E-12	-1.78413
AA921444	Ptpn6,me,hcp,Hcph,Ptp1C,SHP-1,motheaten	0.00011	-2.14445
BI247018	Ptpmt1,PLIP,1110001D10Rik,2810004N20Rik	0	-2.21031
BB014781	Ptpla	0.00013	-1.65315
AK014601	Ptp4a3,Prl-3,AV088979	0.00016	-2.15253
BE134116	Ptp4a2,Prl-2,MGC102154,MGC103400	5.27E-15	-1.76139
BB397672	Ptk9l,Twf2,Ptk9r,AU014993,A6-related	4.66E-10	-1.87125
NM_011196	Ptger3,EP3,Pgerep3,Ptgerep3	0.00001	-9.25387
NM_008961	Pter,Mpr56-1,AI790318	5.53E-06	-2.32085
BB490580	Ptdss2,PSS2,AI481134,AI988017	0.00072	-2.23644
BC002123	Pstpip2,MAYP	4.14E-28	-4.52486
AV298428	Pstk,Gm1099,R75284,5430423O14Rik,5730458D16Rik	1.98E-10	-3.78557
NM_133900	Psph,PSP,PSPase,AI480570	5.85E-08	-1.61669
BM195254	Psme4,TEMO,AA409398,AU041366,KIAA0077,mKIAA0077	1.19E-12	-1.59756
NM_011189	Psme1,PA28a,AW413925,MGC113815	1.27E-10	-1.70732
BC004694	Psm12,P55,AI480719,1500002F15Rik	8.94E-12	-1.58575
AW208944	Psmc6,AI451058,2300001E01Rik	4.67E-13	-1.70805
AF113598	Psg28,MGC117566,MGC117567	0.00057	-2.10838
AB013464	Pscd1,CLM1,CTH-1,CYTIP,KIAA4240,mKIAA4240	4.81E-15	-2.30836
BC024903	Prss32,mT5,tryptase-5,2010001P08Rik	0.00026	-1.86377
BB175323	Prrg4,TMG4,MGC117538,993011118Rik	0.00035	-4.43819
BB164509	Prrg3,Gm368	3.73E-10	-2.62794
AK014046	Prr6,AA671303,3110013H01Rik,RP23-234K24.4	3.95E-16	-3.52966
AK011304	Prps1,C76571,C76678,Prps-1,2310010D17Rik	1.31E-25	-2.21904
AA409562	Prp19,PSO4,Snev,	1.48E-11	-1.85428
BC024104	Proz,1300015B06Rik	5.11E-09	-4.71198
BB091323	Prnp,PrP,PrPC,Sinc,CD230,PrPSc,Prn-i,Prn-p	0.00003	-2.06009
AK005458	Prlpn,PLP-N,1600014J19Rik	2.91E-08	-5.11392
BF457576	Prkrir,Dap4,Rpkrir,MGC31389,2900052B10Rik	5.14E-13	-1.59282
AB062122	Prkcq,PKC-0,AW494342,PKC-theta,A130035A12Rik	0	-11.21904
BB335101	Prkce,PKC[e],R75156,5830406C15Rik	4.25E-06	-2.11438
NM_008837	Prkcbp,Pick1	1.01E-08	-3.76419
BM246539	Prkca,Pkca	1.14E-21	-3.27932
AK004336	Prkar2a,AI317181,AI836829,Rll(alpha),1110061A24Rik	0.00019	-1.89689
AV223660	Prkab2,AW049591,BB124140,5730553K21Rik	8.16E-07	-2.23889
BB612385	Prkaa2,A830082D05,2310008I11Rik	4.30E-19	-4.90299
BM246706	Prei4,mKIAA1434,2310004G06Rik,2310032D16Rik	2.60E-07	-3.47159
BC008174	Prdx5,AOPP,PrxV,Pmp20,Prdx6,AOEB166	1.15E-10	-1.68954
NM_007452	Prdx3,Aop1,Ef2l,Mer5,Prx3,SP22,TDXM,D0Tohi1,AW822249	6.14E-11	-2.11735
BB356786	Prdm16,mel1,KIAA1675,mKIAA1675,5730557K01Rik	3.50E-08	-3.20369
BG065679	Ppp6c,2310003C10Rik	0	-2.31815
NM_008915	Ppp3cc,Calnc	0.00052	-2.13754
AK004360	Ppp3cb,Calnb,CnAbeta,1110063J16Rik	6.13E-17	-1.72384
AI313926	Ppp3ca,CN,CnA,Caln,Calna,AI841391,AW413465,2900074D19Rik	0.00013	-2.01431
BM247370	Ppp2r5c,AI060890,AW545884,	0.00005	-1.5182
BC023062	Ppp2r5a,MGC38798,PR61alpha	2.80E-07	-2.25217
AF366393	Ppp2r2d,MDS026,D7Erd753e,1300017E19Rik	0.00009	-1.63634
BF730541	Ppp2r1b,AI790395,2410091N08Rik	1.26E-07	-2.51208
BQ176864	Ppp1r3c,PTG,Ppp1r5	0.00001	-5.37328
NM_080464	Ppp1r3a,GM,RG1,RGL,MGC124391,MGC124392	2.73E-09	-3.71966
NM_021391	Ppp1r1a,I-1,0610038N18Rik	2.08E-23	-47.30107
AW492237	Ppp1r12b,AI132431,A330043L12,B230333M12,1810037O03Rik	2.54E-13	-4.56231
AK017392	Ppp1cb,1200010B19	2.48E-07	-1.91847
AV255921	Ppm2c,Gm1024	2.60E-06	-3.04794
BB035578	Ppm1I,PP2C,Pp2ce,	0	-4.63927

AK013741	Ppm1k,MGC115965,2900063A19Rik,A930026L03Rik	6.14E-11	-2.15126
AK009235	Ppm1j,Ppp2cz,2310008J22Rik	1.19E-06	-7.88464
AJ271836	Ppm1b,PP2CB,MGC106489	6.77E-13	-1.58945
AV209130	Ppifs,4930520F12Rik	9.81E-45	-4.98103
NM_134084	Ppif,PPlase,AW457192	0	-12.89572
AV338634	Ppgb,PPCA,AU019505	3.31E-11	-3.54781
AV305746	Ppat,C79945,AA408689	2.63E-07	-2.58929
BB752393	Ppargc1a	1.12E-19	-14.54856
NM_011146	Pparg,Nr1c3,PPAR-gamma,PPAR-gamma2	6.15E-07	-8.13405
BC016136	Ppapdc3,D830019K17Rik	5.48E-09	-9.78669
NM_026398	Pop5,Rnasep3,AW049989,1500019J17Rik,2700077E03Rik	3.03E-15	-2.91788
NM_008897	Pon3,AI786302,2810004E20	2.57E-09	-2.14501
NM_011134	Pon1,Pon	9.53E-07	-8.28446
BB739221	Polrmt,4932416K13,1110018N15Rik	6.49E-12	-2.3803
BC027083	Polr3gl,AI131619,2010003I19Rik	0.00027	-2.00349
AV102258	Polr2l,2510029B14Rik	1.78E-08	-1.76445
NM_011293	Polr2j,Polr2i,Rpb11a,Rpo2-4,14.5kDa	4.54E-17	-1.89693
NM_009090	Polr2c,33kDa,Rpo2-3,mRBP31,MGC118242	0.00015	-1.77226
BB797282	Poldip2,Pdip38,RP23-399H5.6,1300003F06Rik	5.40E-22	-2.27288
BG094331	Polb	0.00001	-1.52629
BI410130	Pnrc1,B4-2,PRR2,Prol2,5730463C12Rik	2.33E-08	-1.97682
AK003207	Pnpla2,TTS-2.2,0610039C21Rik,1110001C14Rik	0.00033	-4.99886
NM_021549	Pnkp,PNK,1810009G08Rik	0.00015	-2.17973
AI157548	Pmpcb,MPPB,MPP11,MPPP52,3110004O18Rik	9.12E-18	-1.59005
AK004549	Pmpca,P-55,Alpha-MPP,1200002L24Rik,4933435E07Rik	8.09E-30	-2.07967
BB768495	Plp1,jp,Plp,msd,rsh,DM20,jimpy	7.30E-07	-2.35194
AK002622	Pln,PLB	0.00064	-1.93826
BM208085	Plekhg3,BC030417,MGC40768	0.00063	-1.59594
AF189817	Plekhb2,Evt2,Phdc,evt-2,AU018239,2310009M15Rik	6.78E-09	-2.63115
NM_013746	Plekhb1,PHR1,evt-1,Phret1,AI315628	0	-9.08752
NM_008876	Pld2	0.00027	-1.90183
BM207017	Plcl2,Plce2,PLC-L2,mKIAA1092	9.61E-07	-4.73545
AV257260	Plcd4	4.64E-43	-100
BB794831	Plcb1,Plcb,AI132408,mKIAA0581,3110043I21Rik	0.00026	-2.08528
AI508243	Plac9,MGC41689	0.00052	-3.01449
AV235932	Pla2g4e,C230096D22,2310026J01Rik	1.26E-33	-8.79192
BC023004	Pla2g1br	0.00095	-2.35346
BQ175824	Pknox2,Prep2,D230005H23Rik	0.00002	-2.1017
AK010212	Pkia,AI415001,PKIalpha	1.03E-10	-1.69303
AV020525	Pitpnc1,RDGBB,Dnr411,RDGBB1	0	-10.82031
AF316872	Pink1,BRPK,AU042772,AW557854,mFLJ00387,1190006F07Rik	0	-3.37863
BF318238	Pigp,Dcrc,Dscr5	8.83E-44	-2.84548
AB046537	Pi16,Cripi,1200009H11Rik	0.00066	-2.81019
NM_010726	Phyh,PAHX,Lnap1,AI256161,AI265699	0	-6.74978
BE852433	Phf2,C77923,AI447096,1110054G21Rik,9530062N20Rik	0	-4.66357
BB650419	Phpt1,Php14,1700008C22Rik	3.84E-08	-2.42927
BC025612	Phospho2,Phos2,AI661517,AU021728,AV006103,1700048E23Rik	7.07E-10	-1.60433
BC024670	Phlpp,SCOP,Plekhe1,AI836256,mKIAA0606	0.00032	-1.57887
NM_011079	Phkg1,Phkg	0	-74.05472
BM233125	Phkb,AI463271,MGC62514	0	-6.75151
AA422311	Phka1,Phka,5330411D17,9830108K24Rik	4.81E-10	-12.65071
BB308157	Phf20,6820402O20Rik	2.96E-06	-1.83684
BG065238	Phf17,Jade1,AU041499,mKIAA1807,D530048A03Rik	8.46E-10	-1.63331
BB791424	Phb2,BAP,REA,Bap37,Bcap37,AU044498	4.06E-06	-1.57107
AK010619	Phb,BAP32	6.77E-07	-2.28936
BB183423	Pgm2l1,BM32A,AI553438,4931406N15Rik	1.84E-09	-2.11352
BC008527	Pgm2,Pgm1,Pgm-2,AA407108,AI098105,2610020G18Rik	0	-14.47657
AV305101	Pgk1,Pgk-1,MGC118097	1.74E-12	-1.82806
NM_018870	Pgam2	5.07E-16	-6.06368
NM_019410	Pfn2,Pfn	1.33E-32	-3.43293
NM_021514	Pfkm,Pfka,PFK-M,AI131669	1.79E-09	-3.20129
BE136572	Pfkfb4,C230090D14	1.45E-19	-4.73003
AV282911	Pfkfb3,iPFK-2,E330010H22Rik	0.00017	-2.5375
X98848	Pfkfb1	1.42E-16	-19.79454
NM_008822	Pex7,MmPEX7	0	-3.4161
BB252740	Pex6,MGC6455,AI132582	1.75E-07	-1.96093

NM_023041	Pex19,Pxf	8.09E-07	-1.70148
NM_134025	Pex12,AI451906	0.00002	-1.54825
AV377516	Pex11a,PEX11alpha	0.00005	-2.78256
BG068580	Pet112I,MGC11629,9430026F02Rik	0.00069	-2.94263
BB757992	Per3,mPer3,2810049O06Rik	9.43E-08	-2.38327
NM_008820	Pep4,Pep-4	4.72E-11	-2.19813
BB356493	Penk1,ENK,PPA,Penk,AI326464	0.00049	-2.36659
NM_023523	Pecr,2400003B18Rik	1.48E-26	-3.1881
AK009478	Peci,DRS1,ACBD2,HCA88	4.63E-13	-1.64096
NM_018884	Pdzm3,LNX3,Semcap3,AI429718,AL023082,1110020C07Rik	1.15E-29	-2.43668
BG063905	Pdxk,C77999,AA119688,2310036D04Rik	8.86E-06	-1.68008
NM_026131	Pdlim7,Enigma,AV007930,1110003B01Rik,2410002J21Rik	3.35E-14	-4.54431
AK009464	Pdlim5,Enh,LIM,Enh1,Enh2,Enh3,C87059,AI987914,1110001A05Rik	3.26E-27	-2.54285
NM_016798	Pdlim3,ALP,Actn2lp,AI463105	0.00002	-1.58854
NM_133667	Pdk2	4.12E-14	-18.81544
BB553369	Pdk1,B830012B01,D530020C15Rik	3.24E-06	-1.92058
BB667859	Pdhx,E3bp,Pdx1,AI481367	1.44E-12	-2.55093
AK011810	Pdhh,C81408,AL024199,2610103L06Rik	1.10E-11	-4.85175
BF681901	Pdha1,Pdha-1	1.02E-29	-1.92983
BB699957	Pdgfrl,AV013190,1110039P19Rik	1.53E-22	-3.12015
AU015378	Pde7a,AU015378,AW047537	2.86E-16	-1.85693
BG793493	Pde4b,Dpde4,dunce,R74983	1.32E-06	-2.3233
BC003292	Pdcd8,Hq,AIF,mAIF,MGC5706	1.52E-28	-2.28025
BI526195	Pdcd2,Pcd2,RP-8,AI528543	3.22E-06	-1.63431
BB280291	Pcyt1a,Ctpct,CTalpha,Ctalpha	1.17E-41	-2.08489
NM_008797	Pcx,Pc	7.05E-06	-4.84106
NM_008791	Pcp4,Pcp-4,P16Rimb19	3.68E-04	-2.21573
AF352788	Pcolce2,Pcpe2,2400001O18Rik	1.24E-22	-6.51134
BG073499	Pcnx,Pcnx1,AF096286,AI327143,AI413187	0.0001	-1.79631
BG069597	Pcnt,KEN,Pcnt2,C86676,kendrin,AW476095	5.89E-08	-2.07591
BM117243	Pcmt2,AI314201,MGC36470,5330414D10Rik	2.36E-24	-2.16535
AK018402	Pcmt1,MGC117877,8430411F12Rik,A030012M09Rik	0.00002	-1.7301
AV009995	Pcmt1,PIMT,C79501	1.58E-07	-2.12599
NM_023662	Pcm1,2600002H09Rik,9430077F19Rik,C030044G17Rik	0.0004	-1.8561
AW106963	Pck1,PEPCK,Pck-1,AI265463	0.00083	-45.40705
AK002387	Pcgf5,AI324127,0610009F02Rik,	9.14E-20	-1.89755
BB787147	Pccb,R74805,AI314687,1300012P06Rik	0.00044	-3.02517
AY046947	Pcca,C79630	3.11E-17	-2.44781
AW556977	Pcbp2,Hnrpx,AW412548,alphaCP-2	6.34E-06	-1.99776
AV094898	Pcaf,AI461839,AW536563,A930006P13Rik	7.42E-07	-1.68262
AV220340	Pbxip1,MGC38361,4732463H20Rik	4.35E-07	-1.64086
AW989410	Pbef1,Pbef,Nampt,AI314458,1110035O14Rik	1.24E-12	-2.95211
AK014142	Parp6,1700119G14Rik	0.00076	-1.9239
AF126717	Parp1,PARP,PPOL,	0.00002	-1.95908
BB255468	Park7,Dj1,DJ-1	0	-3.89507
AV103696	Paqr9,1700020G04Rik	2.03E-09	-3.19165
BM119773	Pank4,R75150,D03003112Rik	1.08E-14	-2.72965
BF456404	Pak1,Paka,PAK-1,AW045634	1.06E-09	-3.90872
NM_026420	Paip2,AU045972,2310050K10Rik	6.54E-32	-1.51479
BC019726	Paip1	0.00011	-1.93642
BE688382	Pafah1b1,Lis1,Mdsh,LIS-1,Ms10u,Pafaha,	1.94E-27	-1.63371
NM_008812	Padi2,Pdi,Pdi2,mKIAA0994	0.00038	-2.20238
NM_130881	Pabpc4,MGC6685,MGC11665	0.0001	-2.07105
AK013132	Oxsr1,Osr1,AI462649,AW209236,	0.00019	-1.79009
AW548944	Oxr1,C7,C7B,MGC103081,MGC107466,2210416C20Rik	2.34E-25	-1.53921
AV213379	Oxct1,Oxct,Scot-s,2610008O03Rik	0	-2.69067
AU017520	Ovgp1,OGP,MOGP,muc9,Chit5,120kDa,AU016433,AU019448	0.00094	-1.53325
BC017609	Otx2,E130306E05Rik	0.00009	-3.62608
AK004546	Ostm1,gl,HSPC019,AW123348,1200002H13Rik	1.98E-08	-1.71036
BG067251	Osgepl1,AA416452,MGC13061,2610001M19Rik	9.15E-36	-4.2693
NM_133676	Osgep,GCPL-1,PRSMG1,1500019L24Rik	4.73E-07	-1.50976
BB113429	Osbpl9,ORP-9,AU015843,MGC30367,MGC38458,2600011I06Rik	0.00028	-2.34115
BG070848	Osbpl6,ORP-6,AI596402,KIAA4128	5.54E-18	-3.90169
NM_020573	Osbpl1a,Gm753,Osbpl1b,G430090F17Rik	3.55E-10	-2.16337
BC003443	Osbp,AW559088,KIAA4220,mKIAA4220,1110018F06Rik	0.00002	-1.55566
BC025572	Ormdl1,C730042F17Rik	8.55E-07	-1.96954

BE628912	Orm1,Agp-1,Agp-2,Orm-1	8.32E-13	-13.51781
BC005604	ORF28,BC020175,MGC27620	1.56E-29	-5.21383
NM_011959	Orc5l,Orc5,MmORC5,AL033327	0.00063	-1.70813
BB770843	Optn,NRP,FIP2,HYPL,4930441O07Rik	5.54E-07	-3.15707
NM_008106	Opn1mw,Gcp	0.00001	-12.10337
BB383296	Opcml,Gm181,Obcam,	0.00041	-6.58373
BB475273	Opa3,Gm472,Gm1425,D630048P19Rik	0.00003	-1.64908
BB324282	Opa3,Gm472,Gm1425,D630048P19Rik	9.63E-13	-3.73964
BC025160	Opa1,AI225888,AI847218,mKIAA0567,1200011N24Rik	6.86E-10	-1.77771
NM_012050	Omd,SLRR2C	0.00096	-3.63512
BC016238	Oma1,MPPR-1,ZMPOMA1,2010001O09Rik	5.47E-12	-1.90539
NM_019485	Olfir70,mOR6,MOR262-10	0.00053	-3.238
AI427540	Ogfrl1,2210417C17Rik	1.13E-10	-3.63685
BC013670	Ogdh,AA409584,	1.05E-21	-4.16773
BM937735	Ociad2,MGC51598,1810027I20Rik	2.93E-06	-3.46449
BM124337	Obscn,Gm878,UNC89,BC046431,MGC51514	7.94E-14	-6.21613
BB396657	Nupl2,CG1,Nlp1,NLP-1,AV116043	0.00012	-2.36031
NM_018815	Nup210,gp190,gp210,Pom210,AI836801,9830001L10	1.14E-10	-9.75947
BB314153	Nup133,4832420O05Rik	2.41E-07	-1.7732
AK011172	Nudt7,1300007B24Rik,2210404C19Rik	0	-11.61166
BB043522	Nudt6,Asfgf2b,MGC27904	0.0006	-1.97897
NM_027722	Nudt4,DIPP2,HDCMB47P,DIPP2beta,DIPP2alpha,4933436C10Rik	6.28E-15	-2.87692
NM_025539	Nudt2,APAH1,AA939917,2310051L06Rik	3.01E-40	-2.06967
BG070689	Nudt19,D7Rp2,RP2-r,RP2-s,D7Rp2e,D7Rp2-r,D7Rp2-s	0.00035	-2.72775
NM_026341	Nudt13,4933433B15Rik	2.55E-13	-2.34175
AK018117	Nudt12,0610016O18Rik	4.16E-09	-6.00614
AK010827	Nubpl,2410170E07Rik	1.72E-09	-2.60892
NM_008747	Ntsr2,NT2R,NTRL	0.00001	-3.74499
AI462899	Ntf5,NT4,NT-4,Ntf4,NT4/5,Ntf-5,AI462899,2900040K06Rik	0.00038	-6.99547
AV037573	Ntf5c3,p36,Ntf5y,PN-1,	1.50E-39	-3.8637
NM_010444	Nr4a1,Hmr,N10,TR3,	3.28E-09	-6.9462
BQ174990	Nr3c2,MR,Mlr	7.83E-10	-11.65565
AW908839	Nr3c1,GR,Grl1,Grl-1	4.73E-10	-1.66235
BB547741	Nr2c1,TR2,80.3,Eenr,Tr2-11,4831444H07Rik	0.00003	-2.94152
AV225789	Nr1i3,CAR,CAR1,CAR2,MB67,	4.37E-07	-1.76685
NM_011584	Nr1d2,RVR,beta,Rev-erb	4.16E-19	-1.83688
NM_016902	Nphp1	0.00099	-1.73395
AK010446	Npepps,Psa,goku,MP100,R74825,MGC102199	7.68E-08	-1.80409
BB627486	Nova1,Nova-1,9430099M15Rik	2.91E-08	-15.56005
AK004120	Nola3,NOP10,NOP10P,1110036B12Rik	1.35E-14	-1.64296
AK020079	Nol9,AI449622,AW490720,4632412I24Rik,6030462G04Rik	3.50E-07	-5.45199
AW060738	Nol7,NOP27,RARG-1,2210008F15Rik,5730556I21Rik	0.00008	-1.71417
AK006371	Nnmt	4.81E-07	-2.36604
BC005737	Nmnat3,PNAT3,MGC102340,4933408N02Rik	0.00002	-2.40361
AF260924	Nmnat1,nmnat,D4Cole1e,2610529L11Rik,5730441G13Rik	7.84E-06	-5.64626
NM_018757	Nme6,nm23-M6	0.00037	-2.43452
NM_026523	Nmb,3110023K12Rik	0.00074	-5.72367
AK010285	Nkiras1,KBRAS1,kappaB-Ras1,2400004O09Rik	7.04E-18	-2.45545
BC020153	Nit2,D16ErtD502e,1190017B19Rik	1.02E-10	-1.73404
BB309133	Nhlrc1,AI505271,B230309E09Rik	4.18E-15	-2.77354
NM_021504	Ngly1,Png1,PNGase,1110002C09Rik	2.41E-09	-1.58348
AV250496	Nfyb,Cbf-A,AA985999	0.00005	-1.53219
NM_010911	Nfs1,m-Nfsl,AA987187	0	-2.8863
AW049660	Nfix	6.89E-22	-1.91595
BI687652	Nfib,6720429L07Rik,E030026I10Rik	2.49E-15	-3.83739
BB089547	Nfia,NF1-A,1110047K16Rik,9430022M17Rik	0.00002	-2.30888
BB356861	Nfatc1,NFAT2,NFATc,NF-ATc,	2.90E-43	-3.74491
BM225804	Nexn,NELIN,AA553326,1110046H09Rik	2.58E-26	-2.13898
AK004524	Neurl2,Ozz,Ozz-E3	7.00E-15	-7.59643
AK009828	Neu2,MBS,MSS,MTS	5.29E-06	-28.88873
AI595938	Neb,AI595938	9.26E-09	-1.8235
AV046532	Ndufv2,2900010C23Rik	1.20E-25	-2.43174
NM_133666	Ndufv1	3.32E-13	-2.65611
BG244243	Ndufs8,TYKY,BC021616,MGC37950,MGC101957	0.00024	-1.72601
BC013503	Ndufs7,1010001M04Rik	0	-3.22499
C88200	Ndufs6,IP13,BC059730,MGC107676	3.06E-37	-3.4543

NM_134104	Ndufs5,NADH dehydrogenase Fe-S protein 5 pseudogene	0	-2.29625
BM898749	Ndufs4,C1-18k	0	-5.91222
BC027270	Ndufs3,0610010M09Rik	8.38E-40	-3.10495
BC016097	Ndufs2,AL033311,MGC27667	0	-2.24042
BC006660	Ndufs1,MGC7850,MGC19199,5830412M15Rik,9930026A05Rik	0	-3.2602
AK008502	Ndufc2,G1,R75094,1810004I06Rik,2010300P09Rik	2.58E-10	-1.58403
NM_025523	Ndufc1,KFYI,MGC106656,2310016K22Rik	0	-3.32636
W29413	Ndufb9,1190008J14Rik	5.61E-44	-2.66175
NM_026061	Ndufb8,AI987932,2900010I05Rik	0	-3.374
NM_025843	Ndufb7,1110002H15Rik	1.41E-12	-1.82951
C78790	Ndufb6,Gm137	0	-2.44795
BC025155	Ndufb5,SGDH,AU015782,0610007D05Rik	1.60E-26	-2.44609
BG968046	Ndufb4,0610006N12Rik,1300010H20Rik	8.00E-23	-2.51085
NM_025597	Ndufb3,AI415450,2700033I16Rik	2.98E-42	-2.46409
AA940525	Ndufb2,8kDa,AGGG,AI325567,1810011O01Rik	2.10E-08	-2.37948
BC027265	Ndufb11,Np15,NP15.6,D5Bwg0566e,D5Bwg0577e	3.29E-11	-2.02118
BI905689	Ndufb10,PDSW,22kDa,0610011B04Rik	0	-3.45519
BC018422	Ndufaf1,CIA30,CGI-65,2410001M24Rik	0	-3.26959
AV221509	Ndufab1,8kDa,SDAP,2210401F17Rik,	0.00007	-2.26927
NM_025358	Ndufa9,1010001N11Rik	0	-2.5097
BC012416	Ndufa8,AW261656,0610033L03Rik	0	-2.95712
C88880	Ndufa7,14.5kDa,2400007M02Rik	1.15E-14	-1.82155
NM_025987	Ndufa6,14kDa,2700038D15Rik,B230217P19Rik	0	-2.64855
NM_026614	Ndufa5,2900002J19Rik	5.87E-23	-2.31095
BC011114	Ndufa4,MLRQ	3.52E-07	-2.21472
AV048277	Ndufa3,1010001M12Rik,1700022J01Rik	5.88E-08	-2.20689
NM_010885	Ndufa2,B8,C1-B8,AV000592	2.00E-16	-1.8358
AI429575	Ndufa13,CDA016,CGI-39,Grim19,GRIM-19,	0	-1.90379
AV124207	Ndufa12,MGC7999,AW112974,MGC107642,2410011G03Rik	7.70E-12	-2.12788
AA596846	Ndufa11,B14.7,AV006275,11,14.7kDa,2010012C24Rik	6.27E-32	-2.72004
NM_024197	Ndufa10,2900053E13Rik	4.12E-29	-2.29284
NM_019443	Ndufa1,MWFE,1810049F12Rik	3.11E-16	-1.7678
NM_013864	Ndr2,Ndr2,SYLD,AI182517,AU040374	9.44E-24	-5.31547
BB522483	Ndn,Peg6,AI528698	3.88E-07	-2.83634
AI647775	Ndg2,AI267078,1620401E04Rik	8.77E-10	-6.68462
NM_010875	Ncam1,CD56,Ncam,E-NCAM,	0.00043	-2.52383
NM_013752	Nbn,Nbs1	3.95E-07	-1.93437
AV275156	Narg1,mNAT1,Tbdn-1,MGC29428,	3.84E-18	-1.67724
NM_026238	Narf1,PRN,AI504405,9030612I22Rik	3.37E-08	-2.56656
BI452475	Narf,4430402O11Rik	0.00062	-3.75166
BI452475	Narf,4430402O11Rik	1.02E-08	-4.93712
BM212838	Mybn,AI853556,KIAA4170,mKIAA4170,9830112J03,	2.60E-14	-4.04882
BB216883	Myoz1,FATZ,Myoz,AV090278,2310001N11Rik	2.80E-44	-70.03686
NM_021484	Myot,Ttid,5530402I04Rik	9.42E-26	-2.53385
AV241307	Myom2,AW146149	3.87E-12	-1.6585
NM_010867	Myom1,D430047A17Rik	4.11E-13	-2.12341
AW125804	Myoc,TIGR,GLC1A,AI957332	0	-13.51003
AB026497	Myo18a,MyoPDZ,MysPDZ	0.00044	-1.57053
BC019408	Mylk2,BB138278,9830004H17Rik	1.19E-09	-38.304
NM_021611	Mylic2p,PLRLC,PLRLC-A,PLRLC-B,PLRLC-C,1700027I08Rik	0.00043	-1.63491
AK002312	Myl3,Myic,VLC1,MLC1s,MLC1v	1.81E-11	-11.24529
NM_010861	Myl2,MLC-2,Mlc2v,Myipc,MLC-2v	0.00046	-2.34111
BG794681	Myh8,Myhsp,Myhs-p,MyHC-pn,AI327267	0.00001	-23.09808
AJ278733	Myh4,MHC2B,Myhsf,AI506973,MyHC-IIb	4.04E-07	-12.20394
AJ002522	Myh1,Ild,MdMs,Ild/x,Myhs-f,Myhsf2,	0.00017	-1.63585
NM_008657	Myf6,MRF4,herculin	3.07E-09	-1.66445
AI326984	Mybpc2	1.47E-16	-18.7439
AW228043	Mybbp1a,P160,p67MBP,p160MBP,AL024407,AU019902	6.92E-07	-1.77062
BB825697	Mxi1,Mad2	0	-2.26545
NM_008650	Mut,D230010K02Rik	1.51E-09	-3.50587
AF425647	Mus81,AI182501,AW045863,1200008A18Rik	0.0007	-2.134
BF322785	Mup5	1.43E-06	-3.99898
M16359	Mup3,MUP15,Mup-3,MUP III,MGC117854	0.00047	-10.00718
NM_031188	Mup1,Up-1,Ltn-1,Mup-1,Mup-a,Lvtn-1,2610016E04Rik	6.08E-08	-23.37976
NM_010739	Muc13,Lrrp,Ly64,NJ-1,14/A10,114/A10,AI159736	5.83E-10	-5.06847
BB747681	Mtus1,MD44,Atip1,MTSG1,C85752,ATBP135,AI481402	1.19E-14	-2.67015

NM_026658	Mto1,2310039H01Rik,5730419A02Rik	0.00023	-1.89701
BB381813	Mtmr1,AW049210,AW548191	1.38E-21	-1.78758
NM_019926	Mtm1,Mtm,AF073996,KIAA4176,mKIAA4176	1.19E-07	-2.15733
NM_133767	Mtif2,IF-2mt,2310038D14Rik,2410112O06Rik	2.33E-16	-1.89624
NM_138745	Mthfd1,DCS,Mthfd,NEUT2,E430024A07Rik	1.49E-15	-2.18524
BB359043	Mterfd3,1700007D05Rik	1.09E-32	-3.39304
AV083741	Mtdh,3D3,Lyric,AV353288,3D3/Lyric,D8Bwg1112e,2610103J23Rik	0.00002	-1.68847
AV067008	Mtch2,HSPC032,2310034D24Rik,4930539J07Rik	5.90E-10	-1.61992
AV272180	Mtap1a,Map1a,Mtap1,moth1,Mtap-1,AI853608,6330416M19Rik	5.81E-30	-3.28439
AV286522	MsrB3,MsrB2,D430026P16Rik	2.49E-19	-2.31758
BC021619	MsrB2,Mrsb,MsrB,Pilb,2310050L06Rik	1.65E-25	-4.20013
NM_026322	MsrA,MSR-A,MGC101976,2310045J23Rik,6530413P12Rik	6.04E-28	-3.31415
M80360	Msh3,Rep3,Rep-3,D13Em1	0.00068	-2.70938
BB539042	Msc,MyoR	1.13E-12	-5.66943
AV093466	Mrrf,RRF,MRFF,MTRRF,2400002D02Rik	3.29E-14	-1.92556
BC022587	Mrps9,mg637,AW322516,2310002A08Rik	7.56E-11	-1.54812
AV035110	Mrps6,AW046321	4.54E-25	-1.63699
BE627004	Mrps36,1110018B13Rik	0	-5.71111
AV304074	Mrps35,MDSO23,MRPS28,MRP-S28,MGC28446	1.48E-10	-2.2235
NM_023260	Mrps34,Tce2,AV001970,0610007F04Rik,5330430D13Rik	2.67E-07	-2.16315
Y17852	Mrps33,Gdap3,PTD003,CGI-139,MRP-S33,AI841153,MGC106490	3.44E-14	-1.66219
NM_020560	Mrps31,AA960481,Imogen38,Imogen44,1500002D03Rik	1.96E-22	-2.09447
AV095945	Mrps30,PAP,Pdcd9,AA968347,2610020A16Rik	1.34E-06	-1.98965
AK011036	Mrps28,AW061224,1500012D08Rik	0	-3.26698
AI648866	Mrps26,GI008,Rpms13,MRP-S13,MRP-S26,AI648866	1.63E-11	-1.88547
BG074954	Mrps25,Rpms25,2810429N01Rik	0.00054	-2.00716
BF167852	Mrps24,Rpms24,AI414579,3110030K20Rik	1.66E-18	-2.28274
NM_024174	Mrps23,Rpms23,D11Bwg1153e,2310047I09Rik	0.00002	-1.92511
NM_025485	Mrps22,Rpms22,3100002P07Rik	1.98E-06	-1.58289
NM_078479	Mrps21,1810031B19Rik	8.58E-27	-2.86232
AK004139	Mrps18c,1110037D14Rik	4.09E-11	-1.60037
NM_026768	Mrps18a,C79712,MGC66832,1110004O20Rik	1.51E-06	-2.4298
AK003008	Mrps17,Mprs17,1810006P02Rik	7.24E-16	-1.51177
NM_025440	Mrps16,Mprs16,1500011E11Rik	3.47E-09	-2.18978
BB314055	Mrps15,Mprs15,1500003E24Rik,2410002B11Rik	3.44E-19	-2.08029
BI246587	Mrps14,Rpms14,AL022847,1810032L21Rik	8.36E-08	-1.90549
NM_011885	Mrps12,rps12,Rpms12,AI327385	0.00016	-1.73929
BB315668	Mrpl9,L9mt,AA409733,8030480E20Rik,C330013D18Rik	0.00052	-1.76173
BM209870	Mrpl55,2810038N09Rik	4.04E-07	-2.09237
NM_025317	Mrpl54,D10Sut1e,0610008M19Rik	0.00002	-2.34582
BC022162	Mrpl53,1110007K17Rik	2.27E-20	-1.57158
AI594880	Mrpl51,CDA09,Mrp64,HSPC241,2610511M02Rik	0	-1.95925
BC021318	Mrpl50,AA408971,AI317351,D4Wsu125e	1.74E-10	-1.62561
BB540526	Mrpl48,CGI-118,D4ErtD786e,1810030E20Rik,2610028L11Rik	0.00002	-1.74124
AK009257	Mrpl47,NCM1,CGI-204,MTF/L47,4833424P18Rik	3.92E-08	-2.23223
NM_023331	Mrpl46,C80107,LIECG2,P2ECSL,C15orf4,3110052F15Rik	2.31E-10	-2.11597
C79823	Mrpl45,R75241,AU043542,2600005P05Rik	0.00007	-1.80968
AK007652	Mrpl44,AI463302,1810030E18Rik,5730593H20Rik	7.85E-06	-1.59721
BI135190	Mrpl38,Rpml3,MRP-L3,R75240,	4.67E-06	-2.88409
BC011065	Mrpl37,Rpml2,MRP-L2,AI132596,2300004O14Rik	0.00058	-1.92498
AB049655	Mrpl36,AI646041	5.27E-15	-1.92135
BF787384	Mrpl35,1110066C01Rik	8.23E-31	-2.01204
AF279255	Mrpl32,0610033O15Rik	2.97E-14	-1.75671
BC004614	Mrpl30,Rpml28,MRP-L28,2310001L22Rik	1.47E-19	-2.05572
NM_024227	Mrpl28,p15,MAAT1,MGC8184,1110015G04Rik	8.92E-09	-1.96905
NM_053161	Mrpl27,D11Moh47,A630055F16Rik	3.39E-16	-1.80828
NM_011288	Mrpl23,Rpl23,L23mrp,Rpl23l	1.91E-36	-2.20497
NM_025302	Mrpl2,CGI-22,Rpml14,MRP-L14	2.55E-08	-2.90858
BB041267	Mrpl19,RLX1,Rpml15,	3.96E-12	-1.59073
NM_026310	Mrpl18,C79879,HSPC071,MRP-L18,1010001C05Rik	3.24E-22	-2.46179
AK004034	Mrpl16,2310039D06Rik	1.16E-12	-2.0126
BI791064	Mrpl15,Rpml7,MRP-L7,HSPC145	3.89E-19	-2.5028
BC027021	Mrpl14,Rpml32,MRP-L32,AI846816,1110006I11Rik	0.00003	-2.74164
AB049641	Mrpl13,1110002D09Rik	6.81E-14	-1.72864
AK002757	Mrpl12,Rpml12,MRP-L12,0610034O11Rik,1500031N16Rik	1.63E-10	-1.78473
NM_025553	Mrpl11,2410001P07Rik	1.38E-13	-1.86507

AK010343	Mrpl1,AI462572,2410002L03Rik,5830418D04Rik	1.74E-22	-2.66271
AY079153	Mrap,Falp,ORF61,1110025G12Rik	0.00021	-17.71819
AI385618	Mpz,P0,Mpp,P>0<,P-zero,P>zero<	0.00027	-45.15576
NM_138670	Mpst,Mst	0.00002	-4.71525
AF199010	Mpp6,P55t,Pals2	9.95E-11	-2.63978
NM_007863	Mpp3,Dlgh3,6430514B01	0	-7.20058
AK019164	Mpdz,MUPP1,AI225843,B930003D11Rik	2.90E-10	-2.19584
BC018329	Mospd1,MGC103065,1810018L05Rik	2.67E-21	-1.58554
NM_133684	Mosc2,2810484M10Rik	2.66E-10	-1.89005
BF319573	Mopt,MGC107136	3.82E-07	-1.79376
AK006387	Mod1,Mdh-1,Mod-1,MGC91072,D9ErtD267e	1.60E-30	-4.89163
AI839848	Mobp,MOBP69,MOBP73,MOBP81	1.24E-04	-2.55593
BB234631	Mn1,AA003644,AA009236	1.53E-12	-6.13612
BB035005	Mmrm1,Mmrm,Emilin4,4921530G03Rik	0.00045	-2.43271
AV174022	Mme,NEP,CD10,CALLA,C85356,6030454K05Rik	4.39E-28	-14.71628
BC021914	Mmd,AA690185,1200017E07Rik,1810073C06Rik	0.00008	-1.68347
BB772682	Mmab,ATR,9130222L19Rik	4.60E-07	-4.90939
NM_019966	Mlycd,Mcd,AI324784	0.00019	-4.05075
AF245479	Mlxip1,ChREBP,WS-bHLH,Wbscr14	8.68E-39	-27.70056
AF265663	Mlxip,Mir,Mondoa,AW228700,mKIAA0867,B930074I24	9.78E-11	-2.04159
AK008707	Mllt3,Af9,D4ErtD321e,	1.22E-06	-1.80296
AF100171	Mlf1,HLS7	0	-38.99574
BI134671	Mkrm2,C81377,2610002L04Rik	5.80E-12	-2.76617
NM_021461	Mknk1,Mnk1,2410048M24Rik	4.33E-06	-1.68849
BF581250	Mkks,Bbs6,AI463362,AI957237,1300013E18Rik	0	-4.63191
BM227771	Mipol1,D12ErtD19e,1700081O04Rik,6030439O22Rik	2.80E-22	-1.61772
AK017491	Mipep,5730405E07Rik	7.00E-07	-2.07337
AK013451	Mina,AI449204,1810047J07Rik,2410057H13Rik,3830408E23Rik	0.00002	-1.63433
BI150149	Mgst1,Gst,1500002K10Rik	1.03E-09	-1.96252
BI411560	Mgll,Mgl,AA589436	0.00064	-1.80469
NM_010796	Mgl1,Mgl	0.00023	-9.51935
BB703735	Mgea6,MEA6,Mgea,MGC30562,D12Bwg0579e	1.55E-12	-1.85618
BC011344	MGC5739	0.00027	-2.32592
BC019171	Mfsd3,2310010G13Rik	1.64E-13	-3.82283
NM_133201	Mfn2,Fzo,D630023P19Rik	1.04E-30	-3.90704
C79511	Mfn1,HR2,KIAA4032	5.73E-30	-3.47344
AK013063	Mettl5,2810410A08Rik	1.28E-09	-1.91535
BG060788	Met,HGF,HGFR,Par4,c-Met	9.81E-08	-2.10792
BC002076	Meox2,Gax,Mox2,Mox-2,AI528662	0.00039	-2.54782
AV000569	Mel13	2.17E-21	-3.66063
AV334508	Mef2d,C80750,MGC31718	0.00028	-1.57004
NM_025297	Mecr,Nrbf1,AI195831	0.00005	-2.7657
AK006146	Me3,MGC107389,1700020C08Rik,B230207H15Rik	0	-5.81884
AV016940	Mdh2,MDH,Mor1,Mdh-2,Mor-1	0	-2.15674
NM_008618	Mdh1,MDHA,Mor2,MDH-s,Mor-2,D17921,B230377B03Rik	3.13E-16	-1.83203
AI427762	Mcrs1,P78,MSP58,C78274,ICP22BP,MGC103140,MGC117915	0	-4.94865
NM_134160	Mcoln3,Va,MGC124245,MGC124246,6720490O21Rik	0.0004	-3.72826
AA960125	Mcee,1110007A04Rik	1.81E-29	-3.50455
BI155184	Mccc2,MCCB,4930552N12Rik	0.00027	-3.19645
NM_023644	Mccc1,Mcca,R75106,MCCalpha,1810045E08Rik,2310058B18Rik	9.64E-10	-3.03562
AW212577	Mcart1,Gm138,MGC115765,D130005A03Rik	6.15E-11	-1.73952
NM_010777	Mbp,mld,shi,Hmbpr,C76307,R75289,golli-mpb	1.16E-24	-5.01998
BM207891	Mbnl2,MBLL,R75232,	1.31E-14	-3.1777
NM_020007	Mbnl1,Mbnl,mKIAA0428	3.63E-10	-1.62182
NM_134017	Mat2b,TGR,MAT-II,	1.64E-06	-1.8457
BB488978	Mat2a,MGC6545,D630045P18Rik	0.00003	-1.52451
AI642422	Mast4,AI642422,mKIAA0303,4930420O11Rik	0.00016	-1.86191
AV028487	Mas1,Mas-1	2.19E-06	-3.592
BM211104	Mars,MTRNS,MetRS,MGC90747	0.00012	-1.52201
NM_010766	Marco,Ly112,Scara2,AI323439	0.00002	-3.4894
BQ176049	March6,mKIAA0597,3830408G03,F830029L24Rik	0	-2.31543
AK009364	March5,Rnf153,MARCH-V,	8.77E-13	-1.6117
BC002144	March2,MGC7259,9530046H09Rik	4.16E-08	-2.25527
BC027056	Mapre2,EB1,EB2,RP1,AI314113,D18Abb1e,C820009F03Rik	0.00009	-1.52386
BQ174980	Mapkbp1,Jnkbp1,AW123212,mKIAA0596,2810483F24Rik	0.00003	-2.69662
NM_010765	Mapkapk5,MK5,PRAK	1.16E-06	-1.72523

AW909414	Mapk8,JNK,JNK1,Prkm8,SAPK1,AI849689	0.00003	-2.0731
AK009250	Mapk1ip1,MISS,AU043776,2310009E07Rik	1.67E-14	-4.38527
BC012235	Mapk14,p38,Crk1	1.72E-23	-2.03853
BC021640	Mapk12,Erk6,Sapk3,Prkm12,AW123708,P38gamma	1.05E-18	-4.87193
NM_031248	Mapbpip,P14,Rab25,AL022628,2010111E04Rik	0.00001	-1.62405
BB667222	Map4k2,GCK,BL44,Rab8ip,AI385662	0.00085	-2.51786
BB370469	Map3k12,DLK,MUK,Zpk	4.93E-24	-1.57721
BB540608	Map2k6,MEK6,MKK6,Prkmk6,SAPKK3	0.00072	-4.19629
AI481780	Map2k3,MEK3,MKK3,Prkmk3,mMKK3b,AW212142	3.29E-10	-2.43698
BB549292	Maob,6330414K01Rik	1.06E-22	-6.48609
AK013287	Mak3,Mak3p,AW112078,2600005K24Rik,2810441M03Rik	4.53E-31	-1.72671
NM_025571	Magmas,CGI-136,AV006767,2010110I09Rik	8.43E-20	-1.9979
AV352375	Maf,c-maf,AW047063,2810401A20Rik,A230108G15Rik	3.48E-08	-3.32509
AV284857	Maf	0	-4.89763
AK011037	Mad2l1bp,CMT2A,CMT2B,	0.00024	-1.95015
BC013536	Lypla1,Pla1a	4.14E-11	-1.63015
BI693511	Luc7l2,Cgi74,CGI-59,CGI-74,AA522013,AU015269,4930471C18Rik	8.36E-13	-1.67925
BE949068	Lsm6,AI747288,MGC117708,1500031N17Rik,2410088K19Rik	5.12E-10	-1.97412
NM_008515	Lrrfip1,Fliiap1,AU024550	5.65E-08	-2.63541
BC019794	Lrrc3b,LRP15,BC019794,MGC30505	1.21E-22	-2.21388
AK008119	Lrrc39,2010005E21Rik,9430028I06Rik	0	-5.46327
BB311440	Lrrc38,A230053A07Rik	1.73E-17	-30.89041
BB143476	Lrrc20,BC036304,MGC25719	3.47E-31	-6.72217
BC004681	Lrprrc,LSFC,GP130,C76645,Lrp130,3110001K13Rik	1.53E-30	-2.03466
BB075157	Lrp2bp,MegBP,1700113N17Rik,2310006J04Rik,4930479L12Rik	2.79E-08	-10.6745
BG071205	Lrig1,Img,LIG-1,D6Bwg0781e	0.00006	-4.77431
BB371739	Lrfn5,AI427653,AI604817,KIAA4208,mKIAA4208,C130061B21	4.24E-06	-4.08465
NM_030695	Lrba,Lba,C80285,Lab300,D3Erd775e	3.42E-06	-2.23346
BC003305	Lpl	6.97E-22	-5.33972
NM_015763	Lpin1,flid,Kiaa0188,mKIAA0188,4631420P06	3.44E-12	-6.34643
BM240205	LOC548102	0.00078	-1.8066
BG064696	LOC545365	0.00014	-1.83464
BQ174579	LOC545085	1.38E-06	-3.16493
BB229114	LOC544932	0.00001	-4.6208
BB317953	LOC434076	3.58E-08	-2.62103
BB411302	LOC433594	9.36E-09	-1.97874
BB609792	LOC433237	4.34E-09	-7.7533
BB327336	LOC433231	1.91E-14	-5.16911
BB477614	LOC432989	0	-47.00805
AV307961	LOC380843	1.13E-20	-1.93995
BM235840	LOC329575	7.22E-11	-1.74321
BB705689	LOC244421	0.00001	-2.35217
BE995608	LOC237403	4.93E-18	-9.46054
NM_010727	Lnx1,Lnx	0.00025	-2.08375
BM200788	Lnp,Ul,AI666268,ulnaless,2310011O18Rik,4921514L11Rik	0.00004	-1.88409
BM230794	Lmtk2,BREK,KPI2,cprk,KPI-2,2900041G10Rik,A330101P12Rik	7.02E-10	-2.66959
BC019124	Lmcd1,dyxin,AW455500,AW553074,MGC29184	0.00069	-2.04131
BG070844	Lmbr1,AU017641	2.55E-14	-2.09437
BG065702	Lin10,MGC6480,BC006874,D230025D16Rik	3.67E-06	-1.83835
BC010816	Lims2,PINCH2	0.00064	-7.47666
C77512	Lias,mLip1,C77512,MGC7254,2900022L22Rik,4933425M12Rik	7.91E-18	-1.76072
BC025036	Lgtn,D1Erd5e	8.72E-12	-2.54172
BI107632	Lgr4,Gpr48,9130225G07,A930009A08Rik	0.00008	-1.83553
BM118120	Lgi2,mKIAA1916	3.14E-06	-3.0203
AF244979	Lgals12,Grip1,AW987437	0.00042	-12.71685
BG060855	Letm1	6.39E-24	-1.86948
U18812	Lep,ob,obese	0.00002	-27.48052
BC006806	Lenep,Lep503,AU018355	0.00033	-2.1274
AW105779	Ldhd,D8Bwg1320e,4733401P21Rik	1.16E-06	-6.51097
AV216324	Ldh2,Ldhd,Ldh-2,AI790582	0	-8.39768
NM_010699	Ldh1,Ldha,LDH-A,Ldh-1	9.94E-38	-2.03974
NM_011918	Ldb3,ZASP,PDLIM6,AW742271,cypher 1,cypher 2,MGC118603	3.72E-13	-4.82254
NM_025304	Lcmt1,Lcmt,AL033290,MGC11807	2.14E-10	-1.68588
AA867167	Lck,Hck-3,p56<lck>	0.00069	-6.01775
BB248430	Lbx1,Lbx1h	9.60E-06	-4.48683
NM_133815	Lbr,ic,AI505894	8.52E-06	-1.58479

NM_138647	Lass1,Uog-1	4.68E-07	-8.49264
BB773089	Lars2,LEURS,AI035546,Kiaa0028	7.04E-07	-2.11213
NM_133892	Lao1,AW990848	6.18E-07	-4.32026
BC026051	Lamb2,Lams,Lamb-2,AW211941	3.37E-06	-1.86083
BE691552	Lactb2,Cgi-83,MGC7674,E430032H21Rik	2.67E-07	-2.31964
NM_030717	Lactb,Lact1,LACT-1,Mrpl56	0.00029	-1.6271
AF397909	Lace1,CG8520,MGC107616	7.88E-15	-2.51715
BC016226	L2hgdh,BC016226,MGC28775	1.49E-17	-5.53628
BB126077	Ky,ky,CD1,D9Mgc44e	2.51E-18	-25.64533
BF162017	Ktn1	0	-2.02436
NM_029571	Kti12,AI326810,AU014758,1110001A12Rik	4.85E-26	-2.53937
BB522422	Ksr,hb,RSU2,B-KSR1,AW492498,D11Bhm183e,D11Bhm184e	1.06E-10	-2.47427
AF345295	Krtap16-5,A030006N06Rik	0.00003	-5.01648
AV082644	Krt2-4,Krt-2.4,AW108092	2.72E-16	-8.49578
AF312018	Krt2-19,AA589625	0.00005	-2.04885
BM213828	Kpna3,IPOA4	1.79E-24	-2.39816
U20619	Kpna1,NP11,Rch2,IPOA5,mSRP1,AW494490	0	-2.81072
NM_010653	Klrc2,NGK2C	1.99E-09	-6.06743
U49865	Klra3,5E6,Nk2,Nk-2,Ly49c,Nk2.1,NK-2.1,MGC123910	0.00066	-7.56639
BB231989	Klk6,Kal,Klk1,mGk-6,Klk1b6,0610007D04Rik	1.96E-25	-7.79325
BM942651	Klhl8,MGC102224,D5Ert431e,2310001P09Rik	3.36E-08	-4.4294
AK012326	Klhl7,Klhl6,SBB126,D5Ert363e,2700038B03Rik	1.01E-23	-2.3911
AK004187	Klhl24,C85082,1110046J11Rik,4930429H24Rik,6530402O20Rik	1.03E-18	-2.12181
AW548377	Klhl23,C130068N17Rik	0.00001	-3.66474
AK007786	Klhl21,mKIAA0469,D330008A20,1810045K06Rik	0.00015	-2.91274
BB229004	Klhdc3,Peas,1300011D16Rik	0	-2.70553
BC005581	Klhdc2,LCP,HCLP-1,D12Ert522e,2310022K15Rik	6.56E-11	-1.5775
BQ176961	Klhdc1	0	-6.2775
NM_008452	Klf2,Lklf	6.03E-08	-2.04055
BC013486	Klf15,CKLF,KKLF,AV048136,AW494632,1810013I09Rik	1.15E-08	-34.76517
BB753447	Klf12,AP-2rep,AI225908,AI315654,2700063E05Rik,B130052C06Rik	0.00003	-3.02625
BB528534	Kirrel3,SST4,NEPH2	1.34E-07	-5.69748
NM_016705	Kif21a,AI850764,mKIAA1708	2.73E-28	-2.53403
BQ174514	Kif1c,Ltxs1,D11Bwg1349e,B430105J22Rik	3.50E-07	-2.51035
AV104668	Kif1b,D4Mil1e,AI448212	1.13E-20	-2.53124
BG066903	Kif16b,C80253,C80902,AA623607,mKIAA1590,8430434E15Rik	4.54E-09	-3.76465
NM_008438	Kera,CNA2,SLRR2B	0.00003	-36.83734
AW764104	Keap1,INRF2,mKIAA0132	0.00094	-1.59757
BB252670	Kctd7,4932409E18,9430010P06Rik	0.00081	-1.74133
BB091366	Kctd15,BC031749,MGC25497	2.57E-06	-1.84353
BB461843	Kcnq5,D1Mgi1,AA589396,7730402H11,9230107O05Rik	0.0009	-2.55464
NM_080465	Kcnn2,SK2,SKCA2	0.00006	-8.73925
BB479183	Kcnma1,Slo,Slo1,mSlo,MaxiK,mSlo1	0.00082	-2.44219
BB099233	Kcnk7,Knot,Mlk3,Kcnk6,Kcnk8,MGC129259,2310014G03Rik	0.00004	-2.18351
BG069378	Kcnc3,Elk2,Melk2,AU019351,C030044P22Rik	0.00069	-2.3142
AK015001	Kcng4,KV6.3,KV6.4,AW049024,4921535I01Rik	1.29E-19	-9.12775
NM_145922	Kcnc4	4.50E-04	-1.56198
BB130746	Kcnc1,KV4,NGK2,Shaw,Kv3.1,Kcr2-1,KSHIIB,C230009H10Rik	5.99E-06	-16.89766
AF033003	Kcnab1,Akr8a8,Kvbeta1.1,mKv(beta)1	2.49E-08	-21.1559
NM_010596	Kcna7,Kv1.7	7.30E-23	-8.34869
BQ175978	Kcna1,MBK1,Mk-1,Shak,Kv1.1,mceph,Kca1-1,AI840627	3.30E-10	-10.56051
BG071725	Kcmf1,Pmcf,Debt91,1700094M07Rik	1.48E-24	-1.53295
AK003597	Kbtbd7,Gm295,AU045792,1110008P08Rik	0.00032	-1.51697
W78395	Kbtbd5,2310024D23Rik	0.00007	-2.01428
BB264869	Kbtbd3,Bklhd3,2200003A07Rik	0.00025	-2.39933
BC026972	Jtv1,AA407136,AA407225,MGC30261,	0	-5.37332
BC008139	Jtb,Gm622	1.88E-21	-1.58486
BB432934	Jph1,Jp1,JP-1	0	-4.15543
BG066575	Jarid2,Jmj,C79929,C79931,AI317256,AU045941	0.00012	-1.83549
AV221988	Jvd,AI463340,1300016K07Rik,6720455E18Rik	1.13E-14	-2.75564
AV239969	Itih5,E130106B02,5430408M01Rik	6.73E-07	-2.79514
AK009352	Itgb1bp3,Mibp,2310015C21Rik	2.16E-06	-4.00704
AK003906	Itgb1bp2,Chordc3	2.41E-08	-2.52352
NM_008403	Itgb1bp1,AI449260,AU019480	4.01E-11	-1.86201
AK010892	Isoc1,2610034N03Rik	0.00002	-2.10581
BB345784	Irs1,IRS-1	2.46E-13	-2.35827

AW492241	lqsec2,KIAA0522,mKIAA0522	0.00042	-3.91369
BG065062	lqcc,BC026978,MGC28034	0.00068	-1.90159
BB475675	lpo13,Imp13,Kap13,Ranbp13,MGC18698	1.56E-06	-3.84359
NM_009349	lnmt,Temt	0.00079	-14.30747
BF780381	lmmt,HMP,P87,P89,P87/89,1700082C19Rik	0	-2.61503
NM_053122	lmp2l,IMP2,AI853880	5.69E-36	-3.63004
BC008259	lmp1l,AU042386,MGC101970,1500034J20Rik,2610528O17Rik	0	-2.38122
BB809808	ll17d,ll27a,IL-17D,AI462269	0.00012	-2.3722
NM_008358	ll15ra,AA690181	0.00035	-2.98987
NM_008357	ll15,AI503618	3.82E-16	-8.60156
BE947079	ll12rb2,lfnm,IL-12RB2,A930027I18Rik	1.78E-07	-2.4705
BC004619	ll11ra1,NR1,GP130,Il11ra,AI314697	7.91E-13	-2.41141
AI326478	lgh-6,lgm,muH,lgh6	7.14E-11	-6.60192
BG092043	lgf2bp3,IMP3,IMP-3,	6.16E-07	-2.70819
BM068979	lfrg15,15kDa,C77739,	1.22E-06	-2.60577
BF537076	lfng2,lfng2	6.77E-09	-2.99492
AK017110	lfitm7,Mil4,4933438K12Rik	0.00028	-1.9759
AY090098	lfi27,lsg12,lsg12(b1),2310061N23Rik	3.05E-12	-6.13182
NM_008323	ldh3g	5.61E-44	-2.71207
C78231	ldh3b,C78231	7.59E-13	-4.471
AK003393	ldh3a,AA407078,AI316514,1110003P10Rik,1500012E04Rik	0	-3.65995
NM_008322	ldh2,IDPm,ldh-2,E430004F23	2.76E-27	-1.89798
NM_010497	ldh1,IDPc,ld-1,ldh-1,	2.41E-06	-2.21343
AK004972	lde,AA675336,AI507533,1300012G03Rik,4833415K22Rik	0.00007	-1.65591
NM_026729	lct1,1110001A02Rik,1110002E03Rik	5.00E-08	-1.57957
BG066210	lbrdc3,4930534K13Rik,4930555L03Rik	0.00023	-6.14708
AW553435	lars2,C79125,MGC63429,2010002H18Rik	2.10E-08	-1.65695
BB434117	lapp,amylin	0.00055	-2.92262
AK020653	ltra3,Prsp,Tasp,2210021K23Rik,9530081K03Rik	0.00007	-2.5944
BB755506	lspb6,Gm479,Hsp20,AA387366,MGC107687	4.77E-12	-11.52543
D11089	lspa9a,mot2,74kDa,GRP75,	3.57E-17	-1.65246
BM200015	hsdl2,2610207I16Rik	2.03E-14	-3.26642
BE985436	hsdl1,2700067E09Rik	5.61E-11	-2.22739
BB032410	hsd17b4,MFE-2,Mfp-2,AW208803,perMFE-2,17[b]-HSD	7.42E-22	-2.19402
AK005016	hrsp12,HR12,HRP12	7.42E-06	-2.30347
NM_010473	hrc	0	-5.26095
BB404920	hrasls3,C78643,Hrev107	2.15E-13	-2.23969
BQ176967	hrasls,A-C1,Hrasrs,2810012B06Rik	8.18E-36	-7.98157
BB779859	hoxc10,Hox-3.6,AI506621	1.16E-17	-3.93876
BB388649	hoxa5,Hox-1.3	1.48E-06	-5.40861
BB463518	hook1,azh,A930033L17Rik	5.33E-15	-4.55619
AB017136	homer2,CPD,Vesl-2,Cupidin,AW539445	1.87E-17	-2.83429
NM_011982	homer1,SYN47,Ves-1	0.00003	-4.11502
AK009007	hod,Hop,Ob1,Obl,Hdop,	0.0002	-4.6745
BB380198	hnrd,Auf1	0.00013	-2.14082
NM_080462	hnmt,AI788969,1500031F01Rik	2.51E-08	-6.45625
AV377334	hnga2-ps1,[y]i-c,Hmgic-ps1,	2.13E-06	-2.988
BB744589	hlf,E230015K02Rik	0.00023	-2.73248
NM_013820	hk2,HKII,AI642394	5.12E-29	-3.49698
BC010564	hist2h2aa1,Hist2,H2a-615,AI448581	1.72E-06	-3.00626
BC019757	hist1h4i	0	-8.94444
BC028550	hist1h4h,MGC41466,1700024H08Rik	2.38E-24	-12.21881
BI990622	hist1h3i,H3-H	0.00002	-7.86368
AK010121	hist1h3f,Hist1,H3.2-221	0.00025	-2.81692
NM_013550	hist1h3a	1.77E-41	-9.24245
M25487	hist1h2bp	0.00032	-1.58628
BE688907	hist1h2be	0.00006	-3.3555
NM_023422	hist1h2bc,H2bfs,R74621,2610022J01Rik	8.09E-29	-1.72065
BB533903	hist1h1c,H1c,H1.2,H1f2,	0	-3.0928
NM_025798	hint3,HINT4,HINT-4,0610010I17Rik	0	-4.03475
AF356874	hint2,1190005L05Rik	1.98E-23	-2.93232
BF464027	hint1,Hint,lpk1,PKCl-1,PRKCNH1,AA673479	0.00061	-4.60938
NM_025933	higd2a,AA690237,2010110M21Rik	1.40E-36	-2.50244
NM_019814	higd1a,Hig1,AI303276,AW049839,2210020B17Rik,7420700H20Rik	3.17E-07	-1.64931
BB726995	hif1an,FIH1,2310046M24Rik,A830014H24Rik	7.34E-21	-2.2662
BI737649	hic2,HRG22,AA409108,mKIAA1020	4.69E-19	-3.71955

BC026437	Hibch,Al648812,MGC31364,261050915Rik	0.00059	-2.93426
BB805796	Hibadh,Al265272,6430402H10Rik	0	-2.77946
AV290575	Hfe2,HJV,DL-M,Rgmc,	9.51E-34	-3.56474
BM239854	Herc3,Al646603,MGC30404,mKIAA0032,5730409F18Rik	6.53E-09	-2.27464
AW701798	Herc2,rjs,jdf2,KIAA0393	1.32E-43	-1.7921
AK009239	Hemk1,AW049265,2310008M14Rik	0.00008	-2.52678
AK009957	Hddc2,MGC129436,MGC129437,2310057G13Rik	0.00053	-1.94369
BF580567	Hcfc1r1,HPIP	3.03E-09	-1.59066
BB129992	Hccs	4.92E-42	-1.91296
AV209097	Hbld2,1810010A06Rik	0	-2.48951
BC022589	Hbld1,0710001C05Rik,5730594E03Rik	9.07E-14	-2.21751
BC027434	Hbb-b2,Al036344	1.87E-08	-3.85625
AF071431	Hbb,beta-globin	6.28E-16	-3.63897
AK011116	Hba-a1,Hba1	9.88E-08	-3.4271
NM_134248	Havcr1	3.40E-05	-2.11345
L07645	Hal,Hsd,his,histidase	2.31E-06	-31.19997
BC004749	Hagh,Glo2,Glo-2,Rsp29,BC019817	1.11E-19	-2.53626
NM_008212	Hadhsc,Hadh,AA409008,AU019341,AW742602	4.29E-32	-3.73111
AV150884	Hadhb,Mtpb,4930479F15Rik	7.77E-34	-1.91048
AV078914	Hadh2,Ads9,ERAB,17bHSD10,Hsd17b10	0.00043	-1.56815
BB202287	H60	3.37E-27	-8.29528
AI323545	H2-Ke6,Ke6, Ring2,H-2Ke6,MGC107650,D17H6S112E	0.0007	-1.78446
M58156	H2-D1,H-2D,H2-D,MHC B7.2	0.00009	-2.10277
NM_026230	H2afy2,macroH2A2,4933432H23Rik	3.79E-06	-2.14479
BG092470	H2afv,H2av,C530002L11Rik	3.89E-18	-3.35177
NM_008195	Gys3	4.97E-23	-9.28759
AU017667	Gyg,Gyg1,AU017667	0	-2.26632
BC024464	Gup1,1110011D13Rik	0	-18.99034
BC027306	Gtpbp7,Gm169,MGC28365	1.63E-24	-2.6928
AV173739	Gtf3a,2010015D03Rik,261011101Rik,5330403M05Rik	0.00065	-1.77327
BG075741	Gtf2a2,12kDa,Tfllg	8.73E-07	-1.62879
BG070887	Gtdc1,E330008O22Rik	3.94E-09	-1.76527
AB041613	Gstz1,MAAI	9.35E-11	-4.13112
BC012707	Gstt2,Yrs,mGSTT2,Al266894	4.67E-07	-2.23111
BC012254	Gstt1,Gstt1-1,Al255817	4.88E-19	-6.66692
NM_010360	Gstm5	1.13E-14	-2.57245
NM_008183	Gstm2,Gstb2,Gstb-2	0.00029	-1.76043
AK002661	Gstk1,AW260476,0610025I19Rik	4.92E-30	-5.89465
NM_010357	Gsta4,5.7,GST,mGsta4,GST 5.7	1.35E-07	-6.75751
AV025588	Gsn,MGC28083	3.02E-13	-3.09252
AV090328	Grsf1,C80280,D5Wsu31e,B130010H02	1.34E-15	-2.64667
NM_024478	Grpel1,MGC8152,AA408748,mt-GrpE#1,mt-Grpel1	7.07E-11	-1.62057
AW212189	Grina,Lag,1110025J15Rik	3.54E-21	-3.24674
BM114840	Gria1,Glr1,	0.0001	-2.81131
NM_080289	Grhpr,1110059D05Rik,6430629L09Rik	1.81E-25	-4.06223
NM_011825	Grem2,Prdc,Gremlin2	0.00008	-12.24927
NM_016719	Grb14,Al505286	8.79E-31	-5.42139
BB071890	Grasp,tamalin	0.00012	-1.76451
BI648645	Gpt2,ALT2,C87201,AU014768,AU041193,4631422C05Rik	2.09E-06	-7.91512
AK008086	Gpt1,Gpt-1,1300007J06Rik,2310022B03Rik	3.30E-12	-9.33921
BB100861	Gpsm2,Pins,6230410J09Rik	2.34E-10	-1.75773
BF159976	Gpr56,Cyt28,TM7LN4,TM7XN1	1.01E-08	-6.18949
BB520532	Gpr30,Ceprl,FEG-1,CMKRL2,GPCR-Br,6330420K13Rik	1.05E-06	-3.52366
BB762731	Gpr155,PGR22,DEPDC3,	1.82E-11	-3.63534
BQ177047	Gpr146,PGR8,MGC7035,BC003323	2.11E-12	-4.0417
AW547876	Gpr116,Al528491,mKIAA0758,9330185D23,8430401C09Rik	3.05E-13	-2.69901
BE992059	Gpi1,Amf,Org,Gpi-1,Gpi1s	5.83E-42	-1.96377
AA170590	Gphn,GPH,geph,	1.81E-24	-2.77943
BQ175968	Gpd2,GPDH,Gdm1,	2.18E-06	-2.98521
BB727537	Gpd1,D9Ertid660e,2210409H23Rik	3.32E-18	-2.15338
BB503189	Gpd1,Gdc1,Gdc-1,Al747587,KIAA4010,mKIAA4010	4.96E-41	-17.91979
BB530689	Gpc4,AF311610,Al385680,Al661372,K-glypican,9530073D23Rik	4.45E-08	-1.99384
NM_008149	Gpam,GPAT	7.01E-38	-4.5211
U82470	Got2,Got-2,mAspAT,FABP-pm,	3.70E-14	-2.91288
AA792094	Got1,Got-1,cAspAT,Al789014	8.39E-19	-4.49204
NM_018748	Golga4,Olp-1,Al225887,AU019508	2.38E-11	-1.90859

AK008566	Gnpnat1,EMeg32,Gpnat1,Gsnpat,AU017428,AU040593	0.00004	-1.78252
NM_010322	Gnpat,DAPAT,DHAPAT,AU019525,D1ErtD819e	1.26E-06	-1.85471
AV216608	Gng5,G(y)5	4.75E-11	-1.649
BC016135	Gnb5,GBS,flr,Gbeta5	2.77E-09	-1.83132
AW122571	Gmps,AA591640,AI047208	1.05E-07	-1.77571
NM_025508	Gmpr,AV028449,2310004P21Rik	1.20E-08	-4.90051
AU044197	Gmppa,1810012N01Rik	0.00011	-1.70733
BE647179	Gm967	2.85E-23	-3.55061
AV111575	Gm561	3.65E-38	-3.19626
BB829749	Gm266	0.00091	-4.77746
AW457248	Gm1646	0.00021	-2.731
BB667214	Gm114	9.24E-06	-1.81659
BB549174	Gm106	0.00073	-3.33014
BB314342	Gm1	0.00001	-2.42966
BQ044689	Gm1	7.17E-22	-14.65984
AI391218	Glul,GS,Glns	0.00017	-2.2313
AI391218	Glul,GS,Glns	0.00077	-4.14398
AK003894	Glt8d2,MGC100315,1110021D20Rik	0.00001	-2.32317
BB008997	Glt28d2,GLT28D1L,4732486J07Rik	0.00014	-2.34749
BE983473	Gls,6330442B14,B230365M23Rik	1.74E-06	-1.95439
BG069790	Glr5,AU020725,2310004O13Rik,2900070E19Rik	3.46E-09	-1.8891
NM_023505	Glr2,Grx2,AI645710,1700010P22Rik	7.28E-15	-2.54322
BC024663	Glo1,GLY1,Qglo,Glo-1,Glo-1r	1.84E-07	-1.76247
NM_019832	Gkap1,42kDa,Gkap42,4933400B15Rik	5.23E-07	-1.73032
NM_010284	Ghr,GHBP,GHR/BP,AA986417	2.89E-21	-2.31053
BC010224	Ghitm,C77840,PTD010,1010001P14Rik	0	-2.48038
BB026315	Gh	9.79E-06	-5.03258
AV279768	Ggnbp1	0.00062	-2.41284
AV221299	Gfra1,AU042498	1.86E-08	-2.76217
AK018125	Gfm1,Gfm,AW545374,D3Wsu133e	2.50E-14	-2.63177
AK018125	Gfm1,Gfm,AW545374,D3Wsu133e	2.19E-17	-3.52226
BB832885	Gemin7,AI120175,AI461688,2400008I04Rik	0.00002	-1.84282
NM_010268	Gdap10	1.82E-06	-2.95474
BB419318	Gdap1	0.00042	-2.33979
AU017649	Gdap1	5.41E-15	-11.7289
AU017649	Gdap1	6.85E-28	-17.39775
AK003189	Gcsh,1100001L02Rik,5730591C18Rik	2.39E-16	-1.78318
NM_008097	Gcdh,D17825,AI266902,9030411L18	1.59E-18	-3.26296
BC021450	Gca,AI573844,5133401E04Rik	0.00024	-4.07373
NM_028803	Gbe1,D16ErtD536e,2310045H19Rik,2810426P10Rik	1.40E-45	-2.88401
NM_008095	Gbas,AV006093,Nipsnap2	1.52E-07	-1.84428
BC026208	Gats,AW742413,7530428J21Rik	8.61E-06	-2.04636
BM214048	Gata6,GATA-6,AA410133	0.00082	-5.13365
BM507943	Gas2,Gas-2	6.92E-10	-4.34534
U01023	Gart,Gaps,Prgs	1.12E-07	-1.87773
AA119261	Ganc,FLJ00088,mFLJ00088,9330160A12,5830445O15Rik	0.00013	-3.24191
AF015887	Gamt,Spintz1,AA571402	2.78E-06	-3.66081
NM_134045	Galnt1,AI415388,5730405L21Rik,mpp-GalNAc-T16	7.24E-07	-2.99784
NM_144731	Galnf7	2.30E-05	-1.56914
BQ268470	Gabra1,Gabra-1	1.93E-15	-5.29851
BB357227	Gaa,E430018M07Rik	0.0007	-1.8822
BG065310	G3bp,C87777,AI849976	2.82E-27	-2.44753
NM_008059	G0s2,AI255151,AV006465	0	-4.39429
Y17709	Fzd9,mfz9	5.86E-06	-4.00647
AV292354	Fzd4,Fz4	7.18E-42	-2.7355
BM123442	Fyco1,Mem2,RUFY3,ZFYVE7,2810409M01Rik	0.00074	-2.73506
AV002675	Fxyd2,Atp1g1	0.00023	-7.18195
NM_019503	Fxyd1,PLM,PML,0610012C17Rik,1110006M24Rik	0.00001	-2.74467
BB385925	Fxr1h,Fxr1,Fxr1p,1110050J02Rik,9530073J07Rik	5.96E-06	-1.83293
AV007132	Fxn,FA,X25,FARR,Frda	0	-6.59811
AI510221	Func2,DC44,HCBP6,4833415N24Rik	0	-2.31858
AK007686	Func1,1500005J14Rik,1810033P05Rik	2.41E-08	-1.62816
NM_011936	Fto,AW743446,mKIAA1752	1.12E-12	-1.70333
NM_010239	Fth1,FHC,Fth,MFH,AL022624,AL033366	1.45E-09	-1.70881
U91905	Frzb,Frp,Sfrp3,fritz,frzb-1,frezzed	3.12E-07	-6.06915
BB353860	Frat2,MGC37615	2.68E-10	-11.26257

BB469140	Frap1,FRAP,flat,	0.00011	-4.83501
AV322952	Foxp2,CAG-16,D0Kist7,AI449000,2810043D05Rik	0.00033	-2.92831
AF323488	Foxn4	0.00082	-3.60308
BM206907	Foxk2,1110054H05Rik,5730434B08Rik,6230415M23Rik	0.00002	-1.57305
BC011229	Fmo1	1.04E-26	-4.41933
NM_010228	Flt1,Flt-1,sFlt1,VEGFR1,VEGFR-1,AI323757	0.00022	-2.06856
BB118974	Flot2,Esa,AI573412	1.05E-27	-2.30263
AV269574	Flcn,Bhd,FLCL,AU014660,MGC37841,B430214A04Rik	0.00001	-1.52656
BB763578	Fkrp,MDC1C,LGMD11,AI842067,AI847300,A830029B19Rik	1.86E-14	-2.22908
NM_013902	Fkbp3,25kDa,FKBP25	2.16E-20	-1.64454
AF126746	Fiz1,AI790204,FLJ00416,MGC117900,mFLJ00416	3.53E-06	-1.67073
NM_008016	Fin15	1.37E-09	-2.36848
BB479296	Fign,fi,fidget	0.00002	-3.07873
BG069603	Fiat,4932441K18	2.42E-10	-2.07216
BG066491	FHOS2,KIAA1695,mKIAA1695	3.55E-11	-2.42626
BC006048	Fh1,Fh-1	0	-2.81866
BF136544	Fgl2,AI385601,musfiblp	5.08E-09	-2.48522
NM_023304	Fgf22,FGF-22,2210414E06Rik	0.00086	-4.56125
AF020737	Fgf13,Fhf2	1.66E-10	-1.50951
AI649186	Fgf1,Fam,Fgfa,Dffrx,Fgf-1	8.65E-09	-2.34347
BM120195	Fgd5,ZFYVE23,FLJ00274,mFLJ00274,C330025N11Rik	2.06E-06	-1.85665
BM206792	Fez2,9030616F16,D17Erttd315e	0.00009	-1.60511
AY049085	Fev,Pet1,Pet-1,mPet-1	0.00064	-2.97109
BM211336	Fech,Fcl,fch,AI894116	5.22E-10	-1.77023
D43690	Fdx1	0	-4.23993
BB028312	Fdft1,SS,SQS	0	-3.31278
NM_007995	Fcna,Fcn1	0.00035	-3.57992
BB553906	Fbxw14,Fbx12,Fbxo12,AU045528,MGC117492,E330009N23Rik	0.00019	-3.78794
NM_023605	Fbxo9,AA986398,9030401P18Rik	3.89E-07	-1.71237
BG867006	Fbxo3,Fba,AI046358,1200002G09Rik,1700026K02Rik	1.76E-21	-2.16134
BB003709	Fbxl4,FBL4,FBL5,AI836810,4732456I21	1.61E-17	-2.04991
AV282462	Fbxl19,Fbl19,BC059812,6030430O11	0.00021	-4.07685
AK004419	Fbxl17,Fbx13,Fbxo13,AI452053,6330576B01Rik,C130023C01Rik	0.00005	-1.67769
NM_007994	Fbp2,Fbp1,Fbp-1	9.17E-15	-52.26894
BB496845	Fbp1,Fbp2,Fbp-2,FBPase 1	0.00019	-2.10431
BF228318	Fbln2	0.00021	-2.14407
AF127033	Fasn,FAS,A630082H08Rik	1.03E-09	-7.01687
AK020164	Fars2,Fars1,2810431B21Rik,6720478K01Rik	0.00093	-1.66595
BF018996	Fank1,AI850911,1700007B22Rik	0.00053	-3.73085
AV066322	Fahd2a,Cgi-105,1500003K14Rik,B430104H02Rik	9.50E-16	-2.84091
BC026949	Fahd1,AV002085,1110025H10Rik	2.60E-10	-3.28028
NM_007983	Faf1,Fam,Dffrx,AA408698	1.12E-08	-1.68827
BC002148	Fabp4,Ap2,Lbpl,ALBP/Ap2	1.52E-24	-3.63864
NM_010174	Fabp3,Mdgi,Fabph1,Fabph4,H-FABP,Fabph-1,Fabph-4	0.00012	-2.30588
NM_007978	F8a,DXBay18,DXUcsf1,AI852759	0.0002	-5.03412
BM119523	F830021D11Rik,AA408674,	3.54E-11	-1.82316
NM_028784	F13a1,F13a,AI462306,1200014I03Rik	0.00033	-2.58118
BB760085	Eya1,bor	1.20E-23	-5.14581
BB826950	Extl1,D430033M16Rik	3.58E-08	-3.14071
NM_025568	Exosc7,AV212732,mKIAA0116,2610002K22Rik	4.53E-10	-1.52013
BB749620	Exoc7,70kDa,Exo70,sec70,mKIAA1067	1.66E-11	-2.47135
BC026859	Exoc6,Sec15,	1.06E-07	-2.96164
BF457860	Exoc3,Sec6,Sec6l1,E430013E20Rik	0.00069	-1.61718
BB762153	Exdl1,4932702D22Rik	0.00005	-2.55287
AI840508	Evi2a,Evi2,Evi-2,AW491894	2.63E-20	-3.54446
BC010592	Ethe1,Hsco,MGC102424,0610025L15Rik	0.00016	-2.62124
BC012522	Etfhd,AV001013,0610010I20Rik	8.41E-45	-2.90871
BI692487	Etfb,0610009I16Rik,2810441H06Rik	4.89E-11	-3.83261
BC003432	Etfa,D9Erttd394e,2010200I21Rik	0	-3.09117
BM120846	Esrrg,ERR3,Errg,NR3B3,mKIAA0832	7.49E-07	-3.4851
AI505281	Eral1,Era,MEIRA-S,	0.00006	-1.9056
NM_007940	Ephx2,Eph2,AW106936	1.29E-34	-14.42835
NM_010145	Ephx1,Eph1,Eph-1,AI195553	0.00088	-2.20664
AF353717	Epdr2,Ucc1,Epdm2	0	-3.79641
BC017137	Epb4.1,4.1R,Elp1,Elp-1,	1.02E-07	-10.88565
AI551101	Ep400,p400,mDomino,AU023439,	9.74E-08	-3.39025

BB022415	Entpd4,Lysal1,AI414893,	0.00073	-1.85602
NM_009849	Entpd2,Cd3911,NTPDase-2	6.13E-08	-3.25766
BC011294	Enpp5,D17Abb1e,KIAA4152,mKIAA4152	3.25E-30	-7.90677
BG920295	Enpp4,Gm90,AA986363,	8.65E-07	-2.93422
NM_007933	Eno3,Eno-3	1.57E-14	-2.75159
NM_007931	Endog	8.01E-19	-5.87706
AV351746	Emx2os,empty spiracles 2 opposite strand	0.00004	-2.06551
AK012072	Elp3,2610507P14Rik	0.00016	-1.51613
BQ174957	Elov17,AI840082,9130013K24Rik	0.00055	-2.52258
BB139475	Ell,Men,Ell1	9.73E-06	-2.65758
BI453292	Eif4ebp2,4E-BP2,PHAS-II,BC010348,2810011119Rik	0.00002	-2.15409
BB406487	Eif4e,l4e,eIF-4E,Eif4e-ps,MGC103177	3.83E-27	-1.89412
AK002778	Eif3s5,AA409853,MGC90606,0610037M02Rik	2.14E-11	-1.67098
BB379268	Eif3s1,C78575,AA409117	2.35E-09	-1.95837
AA985754	Eif2s2,EIF2,38kDa,EIF2B,	2.80E-09	-1.71519
AI415184	Eif2b2,EIF2B,C85417,AA409345,EIF-2Bbeta	0.00013	-1.57043
BG073346	Eif1ay,AI426898,1500010B24Rik	9.53E-06	-2.48735
BI693609	Eif1,MGC6503,Sui1-rs1,MGC101938	2.27E-08	-1.78139
NM_023737	Ehhadh,HD,LBP,MFP,LBFP,PBFE,L-PBE,1300002P22Rik	4.47E-09	-3.32722
BE995700	Egln1,ORF13,SM-20,C1orf12,AI503754	0.00082	-1.88392
NM_010113	Egf,AI790464	9.97E-11	-7.27297
BC019531	Efhd1,PP3051,AI452351,MGC103094,4931430I01Rik	0.00045	-6.8145
BC025062	Efcab2,1700073K01Rik,D830011E08Rik	0.00082	-2.5383
C86191	Eef2k,C86191,eEF-2K	1.39E-14	-2.91083
NM_007906	Eef1a2,S1,wst,Eef1a,wasted	1.37E-11	-7.69306
BB005258	Ecm2,BC065151,MGC107322,9030618O22Rik	1.82E-07	-2.37523
BI111416	Echs1,C80529	0.00001	-3.76689
NM_025855	Echdc1,AI314462,AI930038,D10Ert667e,1700028A24Rik	0.00003	-2.50878
NM_016772	Ech1,AA617331,MGC107274	7.43E-29	-3.70271
AK014058	Ebf3,O/E-2,KIAA4201,mKIAA4201,3110018A08Rik	1.40E-06	-1.87828
U71189	Ebf2,Mmot1,O/E-3,D14Ggc1e	3.53E-11	-4.80707
BG069656	E430034L04Rik,G3BP,G3BP2,AA409541,KIAA0660,mKIAA0660	7.04E-16	-1.74961
BE628523	E430004N04Rik,BB160712,A430108D01	0.00025	-4.62134
BB820889	E230008J23Rik	1.75E-08	-2.80294
BB530633	E130010M05Rik	0.00053	-17.11174
AW060797	E030025D05Rik,RP23-398G11.2	0.00067	-3.83969
AY029255	Dynll2,Dlc2,C87222,	1.65E-08	-2.89202
BC018220	Dym,MGC18957,1810041M12Rik,4933427L07Rik,C030019K18Rik	2.29E-07	-5.18391
BB324672	Dvl1,Dvl,KIAA4029,mKIAA4029	0.00032	-2.99298
BC025048	Dusp7,MKPX,MKP-X,PYST2,AU015694	0.0003	-5.00396
BC018204	Dusp26,Skp3,2310043K02Rik	2.53E-11	-8.3488
AK004912	Dusp23,LDP-3,MGC73633,1300005N15Rik	7.37E-11	-3.12873
NM_134068	Dusp22,JKAP,JSP1,MKPX,AW212235,	0.00003	-1.97471
NM_024438	Dusp19,SKRP1,C79103,TS-DSP1,5930436K22Rik	5.33E-12	-2.53247
NM_022019	Dusp10,MKP-5,AI158871,2610306G15Rik	2.77E-10	-3.42972
NM_013642	Dusp1,erp,mkp-1,3CH134,Ptpn16,U19515	0.00027	-1.72363
BB396413	Dus1l,1110032N12Rik	0.00065	-1.61171
AK017400	Dtnbp1,sdy,AW048963,dysbindin,5430437B18Rik	1.20E-08	-1.77578
NM_030598	Dscr1l1,MCIP2,ZAKI-4	1.78E-13	-3.82253
BC002090	Drap1,2310074H19Rik	5.53E-14	-3.69289
NM_010072	Dpm1,AI118379,AI194292	2.08E-25	-1.83322
AI647687	Dpep1,MBD,AI327012	7.02E-11	-3.90534
BI249075	Dp1,Reep5,R74856,DP1/TB2,	1.11E-10	-2.25596
BB795072	Dock9,AA959601,AW538057,Zizimin1,	0.00035	-1.80815
BB656539	Dock4,AF263288,mKIAA0716	1.55E-10	-5.56308
BB795491	Dnmt3a,W91664,AU015806	0.00077	-1.96934
AK009174	Dnase1l1,G4.8,AI324885,2310005K03Rik	0	-6.72461
NM_020566	Dnajc4,Hspf2,Mcg18,2010301J22Rik	1.16E-08	-2.50077
AV053772	Dnajc19,Tim14,AA959924,1810055D05Rik	0	-3.18465
NM_025384	Dnajc15,Dnajd1,1110003P16Rik	1.70E-40	-3.1705
NM_013888	Dnajc12,Jdp1,mJDP1	1.90E-10	-4.41958
BB531733	Dnajc11,E030019A03Rik	0.00091	-1.60423
AI664344	Dnajb5,Hsc40,Hsp40-3,AI462558,1110058L06Rik	0.00011	-2.85711
AK004575	Dnaja3,Tid-1,Tid1l,C81173,1200003J13Rik,1810053A11Rik	6.06E-31	-2.2688
C77509	Dnaja2,DNAJ,DNJ3,mDj3,Dnaj3,HIRIP4,PRO3015,2010206B19Rik	2.75E-23	-2.15305
BB283300	Dnaja1,Hsj2,Nedd7	2.80E-07	-5.55013

AI594683	Dmn,Syn,AI852401,MGC56976,E130104F11,4930412K21Rik	2.38E-10	-4.66729
BB148868	Dmd,mdx,pke,Dp427,DXSmh7,DXSmh9	7.40E-22	-3.2188
AV338180	Dlx6os1,Evf1,Shhrs,mEvf-1	0.00016	-2.64157
BC006702	Dist,DLTS,1600017E01Rik,4632413C10Rik,4930529O08Rik	5.99E-11	-1.84587
BB131767	Dlgap1,Gkap,Sapap1	0.00047	-2.93838
AI647805	Dld,AI315664,AI746344	0	-2.17698
AV336908	Dlat,DLTA,PDC-E2,6332404G05Rik	0	-3.45559
AW988060	Dirc2,RCC4,MGC47126	0.00047	-2.74494
BM208197	Dicer1,D12ErtD7e,mKIAA0928,1110006F08Rik	0.00077	-1.60252
AB045132	Dhrs4,RRD,mouNRDR,D14Ucla2	3.58E-09	-2.01022
AK019346	Dgcr6,AU044152	0.00099	-3.03794
AK002443	Dgat2,DGAT-2,0610010B06Rik	5.70E-10	-9.02283
BB446076	Dffa,ICAD,DFF35,Dff45,ICAD-L,ICAD-S,A330085O09Rik	6.35E-11	-1.88944
NM_021428	Dexi,Myle,AI836170,AW413143,D16Bwg0586e,1810029J14Rik	7.99E-07	-1.79632
NM_007847	Defcr-rs2,CRS4C,CRS4C-1,	7.08E-07	-8.00603
BG067978	Defb8,mBD8,Defr1	0.00007	-2.25304
BM121177	Dedd,DEFT,KE05,FLDED1,Dedpro1,CASP8IP1	7.18E-09	-2.10203
NM_026172	Decr1,Decr,Nadph,1200012F07Rik	0	-3.97446
AK003863	Deb1,AI463209,1110020I04Rik	0	-2.7209
BB829482	Ddx59,1210002B07Rik,4833411G06Rik	2.65E-14	-2.51027
NM_017397	Ddx20,dp103,GEMIN3	0.00045	-1.67095
NM_010027	Ddt,C78655	3.09E-07	-2.39947
AF335325	Ddit4l,REDD2,Smhs1,RTP801L,1700037B15Rik,1700108M02Rik	5.56E-26	-26.31332
BB029606	Dcun1d1,Rp42,Tes3,pTes3,C85469	0.00034	-1.60576
NM_010023	Dci,eci	2.87E-35	-5.22597
BM119370	Dcdc2,RU2,MGC54817	0.00089	-2.81946
AV264369	Dcbld2,Esdn,CLCP1,AW146002,1700055P21Rik	7.13E-08	-2.16848
NM_010022	Dbt,D3Wsu60e	2.65E-10	-2.8575
BB550183	Dbp	3.02E-18	-4.20275
NM_007830	Dbi,Acbp,ACBD1	0	-3.28448
BM228846	Dars2,MGC99963,5830468K18Rik	2.71E-08	-3.0566
AK014889	Dap3,DAP-3,4921514D13Rik	9.48E-23	-1.71573
BG094386	Dag1,DG,D9Wsu13e	1.53E-27	-1.88256
NM_010016	Daf1,Daf,CD55,Daf-GPI,GPI-DAF	1.05E-26	-23.90103
NM_033605	Dach2	0.00009	-3.23433
BB522228	Dach1,Dac,Dach,AI182278,E130112M23Rik	0.00039	-3.97547
BM231046	Dab2ip,AI480459,KIAA1743,mKIAA1743,2310011D08Rik	0.00034	-1.91164
BM122201	D9ErtD402e,Gm1129,MGC91156	0	-4.41182
NM_134147	D930010J01Rik,AI604841,AW743046	2.12E-33	-6.45376
BB521491	D930001I22Rik,AI414861	1.11E-10	-3.32532
AW554709	D8Wsu49e,Cda08,AI314457,2310047C21Rik	0.00017	-1.65594
BB534613	D830044I16Rik	0.00016	-2.79996
BB519435	D830036C21Rik,Gm842	0.0001	-4.95014
BB314814	D7ErtD715e,AU018661	1.26E-06	-3.14555
BQ174328	D6ErtD253e,Reep1,C87808,AW558420	0	-6.19197
BQ180736	D6Bwg1452e	1.57E-29	-1.86998
BM206023	D630014A15Rik	0.0001	-1.53955
AV378849	D5ErtD585e,AI661024,1110001J12Rik	4.17E-20	-2.00115
BG073020	D5ErtD579e,mKIAA0232,9030221A05Rik,A930018H20Rik	3.07E-19	-1.6537
C77487	D5ErtD40e,Hype,MGC117722	0.00002	-1.9299
AK014348	D5ErtD33e,1810014G04Rik	0	-3.81644
AK021311	D530037P16Rik	0.00017	-5.94002
AK021289	D530015H24Rik	0.00017	-2.29609
BE652553	D4Wsu53e,D4Ucla2,2700043I21Rik	5.35E-08	-2.22948
BB713558	D4ErtD429e,AV028368,9430091K04	2.59E-06	-2.84536
BB433489	D430028G21Rik,Mavs,VISA,MGC25836	1.07E-17	-2.27283
BB482650	D430015B01Rik,Precm1,FAM13A1,AI462012	0.00048	-2.92998
AI854720	D330027H18Rik,AW455481	0.00053	-4.02466
BC019947	D2Bwg0891e,R74724,AU041050	2.30E-17	-2.58578
BB472163	D230044B12Rik	0.00004	-1.8833
BB051286	D19ErtD678e,4933411H20Rik,6720480F16Rik	1.86E-06	-2.2127
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AV227727	D16Bwg1543e,AW546090,5730448P06Rik	1.26E-15	-2.51157
BC011095	D14ErtD500e,AU016300,9430093H08Rik	1.70E-07	-1.84328
BB005209	D130058I21Rik,MGC47155,RP23-48A.2.1	0.00002	-3.90501

BE685813	D130029J02Rik,Gm585,CG1399-PB	0.0005	-1.71406
NM_030150	D11Lgp2e,B430001I08Rik	0.00057	-1.98408
NM_025918	D11ErtD707e,2610001E01Rik	4.44E-07	-2.00943
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BB514802	D11ErtD333e,3010027G13Rik	6.42E-08	-2.16259
NM_138601	D10Jhu81e,ES1,C21orf33	1.24E-36	-3.34869
AU015124	D10ErtD641e,2310005G07Rik	0.00028	-1.63092
NM_026065	D10ErtD322e,Mrpl42,2700009F22Rik,2900055D03Rik	0	-3.46471
NM_134007	D10ErtD214e,AU043990,AW743335	0	-3.9271
BB160479	D030011O10Rik,9330160C06Rik	0	-2.17525
AV264055	Cyt1,C17,Gm147,4930443F05Rik	5.99E-07	-5.44237
NM_007823	Cyp4b1	5.95E-20	-5.46337
NM_021282	Cyp2e1,Cyp2e	1.71E-40	-38.43403
NM_024264	Cyp27a1,Cyp27,1300013A03Rik	3.01E-11	-4.68658
BB323901	Cyhr1,Chrp,AU042374,1110031M01Rik	8.63E-10	-1.72171
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NM_025567	Cyc1,AA408921,2610002H19Rik	6.76E-18	-2.56017
NM_025797	Cyb5,0610009N12Rik	1.86E-10	-1.75857
AV370154	Cwf19I2,9030209E10,3230401L03Rik	4.32E-15	-1.87042
NM_008411	Cuzd1,USG,ERG-1,UO-44,UTCZP,ltnmap1	0.00057	-5.51047
BC026775	Cutc,CGI-32,AI326282,2310039I18Rik	2.84E-33	-2.89626
BB257147	Cul5,VACM1,VACM-1,AI852817,	0.00005	-1.72153
AV273804	Cul3,AI467304,AW146203,mKIAA0617	0	-4.33106
BC026779	Cul2,AI327301,KIAA4106	3.95E-20	-1.75993
BC024476	Cuedc1,AI841487,RP23-199A2.4,C330016O16Rik	1.07E-11	-4.57124
BC019483	Cth,Cys3,AI314617,BC019483,MGC28655,0610010I13Rik	1.20E-06	-4.10676
NM_007795	Ctf1,CT-1	4.08E-09	-6.96755
NM_009975	Csnk2b	0.0006	-1.66026
BC016898	Csde1,unr,D3Jfr1,MGC19174,mKIAA0885	5.66E-42	-1.7576
BB779100	Csda,Yb2,Dpba,MSY4,Ybx3,dbpA,oxyR	8.06E-11	-1.68088
AB056479	Cs,Cis,2610511A05Rik,9030605P22Rik	0	-3.19123
NM_023695	Crybb1,BB1CRY,3110006K12Rik	0.00035	-6.1526
AW124625	Crtc1,Mect1,R74955,AI413414,MGC90786,mKIAA0616	0.00099	-1.71474
AK017726	Crsp7,AI414941,AW495270,5730493L18Rik	0.00041	-4.84907
BB283187	Crot,1200003H03Rik	1.25E-07	-2.02689
BC027426	Creg1,Creg,AA755314	3.81E-15	-2.72355
BB752639	Crbn,piL,AF229032,AW108261,2610203G15Rik	2.14E-10	-2.2851
AU015319	Crb3,AU015179,AU041752,5730439B18	0.00098	-2.75587
BB515871	Crat,CARAT,AW107812	1.08E-21	-5.8921
NM_009949	Cpt2,CPTII,AI323697	7.14E-23	-4.62612
AF017174	Cpt1b,Cpt1,M-CPTI	6.18E-15	-10.28962
AW060701	Cpsf2,Cpsf,MCPSF,100kDa,AI662483,mKIAA1367,2610024B04Rik	0.00003	-1.91566
BG067254	Cpox,CPX,Cpo,HCP,clone 560	0.00006	-2.08048
NM_026252	Cpeb4,AI851572,mKIAA1673,4930447D24Rik	0.00019	-1.68606
BB249892	Cpeb3,KIAA0940,mKIAA0940,4831444O18Rik	2.03E-42	-10.39658
NM_007755	Cpeb1,Cpeb,mCPEB,AU024112	6.42E-10	-2.04092
BC010197	Cpe,CPH,fat,Cph1,Cph-1,R74677,MGC7101	1.15E-29	-5.3026
NM_007751	Cox8b,COX8H,MGC107661	3.50E-10	-4.47974
NM_007749	Cox7c,Cox7c1,COXVIIc,MGC102143	8.49E-11	-1.66559
AF037370	Cox7a1,COX7A,COX7AH,COX7AM	2.56E-40	-24.06176
AV1111078	Cox6c	5.55E-11	-1.65199
AV167903	Cox6b1,Cox6b,2010000G05Rik	3.13E-17	-1.58359
NM_009943	Cox6a2,VlaH,COXVlaH	4.84E-11	-5.82712
AV023206	Cox5b,MGC117683	3.74E-12	-1.84755
NM_007747	Cox5a,CcOX,AA959768	0	-3.19722
NM_009941	Cox4i1,Cox4,Cox4a,AL024441	4.81E-32	-1.87104
BC021498	Cox15,MGC18952,2900026G05Rik	7.07E-06	-1.69156
AK008096	Cox11,2010004I09Rik	0	-4.46882
AV369982	Cox10,AU042636,RP23-78H18.1,2410004F01Rik	0.00006	-2.31326
NM_028071	Cotl1,Clp,1810074P22Rik,2010004C08Rik	0.00015	-2.05209
BB317923	Coro2b,CLIPINC,E130012P22Rik	0.00031	-1.72805
AF098949	Coq7,clk-1	2.80E-45	-3.46001
BC024135	Coq6,5930427M12Rik	0.00061	-2.14108
BB108855	Coq3,C77934,4732433J24	0.00011	-2.46491
AK009092	Coq2,MGC91278,2310002F18Rik	5.05E-23	-2.51357
NM_011991	Cops3,Csn3,Sgn3	1.89E-19	-1.89091

BB264843	Commd9,AA409293,1810029F08Rik	6.34E-13	-1.68373
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NM_007734	Col4a3,[a]3(IV),alpha3(IV)	0.00064	-4.74106
AV294603	Cog7,Gm167,5630400E24Rik	0.00007	-1.73347
BC025427	Cog6,AU018618,mKIAA1134,4933405E16Rik	6.09E-25	-1.9315
AV080881	Cobl1,Cobl1r,1810047P18Rik,D430044D16Rik	4.59E-11	-2.42377
AU079588	Cntnap2,Caspr2,mKIAA0868,5430425M22Rik	0.00017	-4.35049
NM_053007	Cntf,AI429687,MGC41235	2.91E-06	-1.87183
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AV301999	Cnot10,MGC37693,2600001P13Rik	0.00085	-2.27691
AK010194	Cmya5,Tims,Srfsd,sr553	5.47E-31	-7.86059
BC023398	Clybl,Cib,AI256068,0610033J05Rik,2310014M14Rik	1.87E-41	-5.34883
AV341395	Clstn3,Cs3,CSTN3,Cst-3,mKIAA0726	0.00081	-2.33144
BF020441	Clpx,AU014732,E330029I21	3.58E-15	-2.5011
AW494443	Clmn,AI428889,KIAA1188,mKIAA1188,9330188N17Rik	0.00033	-2.73972
AA210377	Clc5,B330005L24,5730531E12Rik	1.26E-27	-3.08181
NM_011606	Clec3b,Tna	0.00066	-13.89029
AW554231	Cldn12	7.05E-26	-2.23909
BI739053	Clcn3,Clc3	7.40E-11	-4.38034
AJ011107	Clcn1,adr,mto,Clc1,Clc-1,SMCC1,myotonia	7.16E-11	-23.03662
BI412445	Clcc1,Mclc	0.00002	-1.64753
BC026688	Clasp2,mKIAA0627,CLASP2beta,1500004F14Rik	1.12E-27	-2.24874
AK009042	Ckmt2,ScCKmit,2300008A19Rik	2.23E-09	-11.781
NM_007710	Ckm,MCK,Ckmm,M-CK	0.00014	-8.21602
BB730767	Cit,CRIK,Cit-k,CRIK-SK,citron-N	3.50E-07	-3.84199
NM_009895	Cish,Cis,F17,F23,CIS1,AI385595	0.00004	-4.09832
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BC019472	Churc1,chch,My015,1700030P15Rik	1.14E-31	-3.26693
BB297047	Chrac1,YCL1,2410152E03Rik,2810406L04Rik	3.61E-10	-2.06747
BC016251	Chpt1,MGC28885	6.54E-32	-6.45171
BF180212	Chpt1	0	-5.57423
AF311699	Chodl,MT75,PRED12,3110074E07Rik	0.00004	-4.3456
BB263701	Chm,Rep-1	0.00003	-1.52536
AW556347	Ches1,Ches1l,HTLFL1	6.99E-32	-2.25971
NM_026539	Chd1l,Snf2p,4432404A22Rik	7.71E-07	-2.97588
BF020847	Chchd7,1810049H20Rik	0.00001	-1.82351
BC021941	Chchd3,AW558177,0610041L09Rik,1700039J09Rik	6.44E-38	-3.06526
NM_025366	Chchd1,MGC106657,1110001O19Rik,2400010G13Rik	0	-1.95217
BC025169	Chac1,1810008K03Rik	9.38E-07	-8.43805
AK004156	Cgrf1,CGR19,1110038G02Rik,1810009H17Rik	0.00021	-2.08108
AI323758	Cfl2	1.49E-26	-2.94616
NM_053200	Ces3,TGH	1.72E-10	-96.75845
NM_133869	Cept1,AI788721,BB118941,9930118K05Rik	4.54E-10	-1.88116
BG069719	Celsr1,Scy	0.00035	-2.36977
NM_033037	Cdo1,Cdo,D18Ucla3,1300002L19Rik	2.64E-41	-13.63664
BC027026	Cdkn2c,p18,INK4c,INK4d,C77269,p18INK4c	6.43E-06	-1.51667
BC016073	Cdkal1,RP23-202F3.2,1190005B03Rik,6620401C13Rik	1.52E-10	-2.0678
NM_025876	Cdk5rap1,2310066P17Rik	8.06E-32	-2.19157
AW543698	Cdh5,7B4,VEC,CD144,VE-Cad,AA408225	0.00024	-1.91059
NM_009867	Cdh4,Rcad,AW120700,R-cadherin	7.28E-10	-3.37416
NM_011800	Cdh20,Cdh7	6.41E-06	-3.60521
AK016527	Cdh13,Cdht,Tcad,T-cadherin,4932416G01Rik	0.00098	-2.84055
BB622571	Cdc73,Hrpt2,C81219,BC027756,MGC29274,MGC36559,8430414L16Rik,C	3.17E-08	-2.17622
BF467211	Cdc42,AI747189,AU018915	8.78E-11	-2.23099
BE952207	Cdc37I1,Harc,Cdc37I,BB159850,2700033A15Rik	0.00007	-2.26551
BI794243	Cdc34,UBE2R1,AI327276	1.72E-11	-2.56213
BB479310	Cdc14a,Cdc14,CDC14A2,CDC14a1,A830059A17Rik	2.53E-15	-6.89685
BB038546	Cd99I2,Xap89,Mic21I,AW548191	9.67E-07	-1.75165
NM_007652	Cd59a,Cd59,AA987121,protectin	0.00072	-1.66147
BB534670	Cd36,FAT,GPIV,Scarb3	2.02E-19	-4.1154
BF123439	Cd24a,HSA,Ly-52	0.00026	-2.54434
NM_007639	Cd1d1,Cd1a,Cd1d,CD1.1,Ly-38,AI747460	0.00013	-2.97502
NM_053094	Cd163,CD163v2,CD163v3	0.00062	-3.04442
AF199491	Ccrn4,Ccr4,AU043840,nocturnin	0.0001	-3.73343
AA068868	Ccnh,AI661354,AV102684,AW538719,6330408H09Rik	0.00054	-1.58236
BG065754	Ccng1,AI314029	4.27E-36	-3.88769

NM_011330	Ccl11,Scya11,eotaxin	3.29E-26	-2.23602
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AV100366	Ccdc28a,AI480677,MGC19351,1700009P13Rik	2.75E-06	-1.92835
NM_138603	Ccdc22,Sfc22,AI481216,DXImx40e	0.00003	-1.6681
BG094881	Ccbl2,BC037135,C430041M20	2.20E-06	-2.89846
BG072084	Cc2d1b,A830039B04Rik	1.07E-07	-2.50611
BC018472	Cbwd1,AV349248,BC018472,MGC28027,MGC59411	2.12E-07	-2.07283
BC010758	Cbr2,MLCR	1.07E-09	-3.76101
NM_007620	Cbr1,CR,Cbr,AW261796	0.00007	-1.70782
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AB029929	Cav1,Cav,Cav-1,caveolin 1,caveolin-1	0.00014	-2.23114
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NM_009813	Casq1,CSQ,CSQ1,CSQ-1	7.68E-12	-4.32327
NM_021531	Carm1,PRMT4,MGC46828	1.59E-19	-2.66125
NM_130859	Card10,Bimp1,CARMA3,AI449026	2.60E-08	-2.36964
X61397	Car8,Cals,Carp,Cals1,AW546993	0.00004	-12.3217
NM_007607	Car4,AW456718	1.92E-16	-6.77125
NM_011797	Car14,AW536446	5.80E-06	-25.76088
BI102231	Capza2,Cappa2,AW208808,1110053K06Rik	7.00E-09	-1.50467
BQ257745	Capn7,PalBH,AU022319	4.33E-20	-1.52199
AI323605	Capn3,p94,Lp82,Capa3,Capa-3,AI323605	5.16E-23	-6.12726
AF127766	Capn3,p94,Lp82,Capa3,Capa-3,AI323605	7.86E-39	-10.65168
BM238658	Cand2,Tp120b,mKIAA0667,2210404G23Rik	3.24E-08	-2.41268
BE989461	Camsap1,C77823,PRO2405,9530003A05Rik	0.00071	-1.77497
BM227770	Camk2g,Camkg,5930429P18Rik	0	-3.57868
AW490258	Camk2a,CaMKII,R74975,mKIAA0968	0	-5.98867
AW543361	Calm1,CaM,Calm,AI256814,AI327027,AI461935,AL024000	0	-2.39035
AK007393	Calcoco1,Cocoa,KIAA1536,mKIAA1536,1810009B06Rik	0.00094	-1.74737
AV091458	Cacng6,AW050150,2310033H20Rik	3.46E-29	-3.43355
BI106777	Cacna2d1,Cacna2,Cchl2a	0.00002	-1.67525
AK014605	Cabc1,AI462003,mKIAA0451,4632432J16Rik	0.00005	-2.84694
BG067367	C86090	0.00036	-2.61653
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C76213	C76213	3.73E-06	-4.63306
BB428892	C730029A08Rik	0.00055	-4.01979
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BC022606	C730025P13Rik	4.96E-07	-1.95968
BB021125	C630040K21Rik	3.76E-12	-7.94623
AU040402	C630002B14Rik,AU040402,AW540062	4.67E-06	-2.9006
BC025476	C530044N13Rik,MGC27760	0.00026	-1.7334
BB245422	C530030K21Rik	9.24E-06	-3.94562
AV023018	C430010P07Rik,KIAA4189,mKIAA4189,1190030G24	0.00015	-1.64646
BQ175552	C330021A05Rik,Rabj,AI639580	2.11E-13	-3.73226
BI664973	C330018D20Rik,AU018666	6.80E-08	-1.97814
K02782	C3,ASP,Pip,AI255234	3.17E-09	-6.68277
BB529153	C230009H10Rik	0.00009	-4.40688
BB296103	C130068O12Rik,STARS	4.79E-20	-6.64533
AI875682	C130065N10Rik	0.00007	-1.8863
AV089797	C030048B08Rik,AW548102	0.00044	-1.63497
BB090042	C030044C12Rik	7.75E-12	-2.47008
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BB283753	C030008P14Rik	0.00043	-2.80278
BM932775	Bzw2,HSPC028,MGC7203,1110001I24Rik	7.99E-13	-2.81903
AW552082	Bves,Pop1,Popdc1	0.00091	-2.40448
BC027138	Btbd15,6030404E16Rik	0.00017	-2.32718
AV223468	Brp44I,MGC117549,0610006G08Rik,3830411I18Rik	4.33E-38	-3.0527
BC018324	Brp44,ESTM43,AA108335,	0	-2.60807
BC008274	Brp17,MR-1,Tahccp2,AI854243	0.00004	-1.84643
NM_021555	Brp16,MNCb-5873,D15ErtD741e	0.00088	-2.38599
AI462244	Brcc3,C6.1A,MGC29148	1.01E-24	-2.3093
BC023146	Bphl,AI115341,2010012D11Rik,5730533B08Rik	8.34E-07	-2.34038
BB610351	Bola3,1810056O20Rik	0	-4.16755
BC027558	Bola1,1810037G04Rik	4.17E-07	-2.16539
NM_009760	Bnip3,Nip3	4.49E-09	-2.21695
AK014221	Bmper,Cv2,CV-2,Crim3,3110056H04Rik	2.55E-07	-1.99679

BG066334	Bmp4,Bmp2b,Bmp2b1,Bmp2b-1	2.09E-17	-16.76602
NM_016916	Bicap,Bc10,AI462828,MGC102074	4.13E-12	-2.50383
NM_011498	Bhlhb2,CR8,Dec1,Clast5,Sharp2,Stra13,Stra14,C130042M06Rik	0.00045	-2.0255
AK013874	Bfar,BAR,RNF47,AI666707,AW107665,3010001A07Rik	1.36E-07	-1.5484
AY057913	Bdnf	0.00011	-3.66209
BC019781	Bcs1l,9130022O19Rik	1.25E-08	-2.23822
U41465	Bcl6,Bcl5	2.66E-16	-2.80544
BC027307	Bcl2l13,Mil1,Mil-1,MGC38758,BCL-RAMBO,E430016C20Rik	0.00005	-1.5111
NM_009739	Bckdk,AI327402	0.00004	-3.10472
AW047304	Bckdhb	2.51E-20	-3.87339
NM_007533	Bckdha	0.00003	-3.42531
NM_007530	Bcap29,Bap29,AW208404	2.50E-34	-2.98399
AY092026	BC054059,SMAF1	4.19E-13	-11.73512
BQ031467	BC052040,MGC62402	1.77E-08	-2.91924
AV276428	BC043118,AU022790,MGC58045,5031404N19	2.50E-16	-2.7972
AV361804	BC042513,RIKEN cDNA 7630402D21 gene,1455783_at	0.00025	-2.79971
BB174540	BC040823,9430078B04	0.00012	-1.51538
AV367395	BC038479,MGC47419	1.37E-06	-23.65401
BM123013	BC038311	0.00002	-1.84089
BB211614	BC038167	0.00032	-3.25523
AV146691	BC038156,E230011F09	5.65E-23	-1.84267
BE952216	BC034664,Gm903,MGC38622	8.18E-06	-1.78647
BB327032	BC033915,AI447252	0.00077	-1.90527
BG276629	BC031353,AI553555,MGC38960,	0.00002	-1.9269
AK009222	BC029722	0.00003	-1.83329
BC028265	BC028265,Rslcan8	0.00002	-2.84219
BC027309	BC027309,MGC28139	0.00017	-1.84234
BC026996	BC026996,mKIAA0476	0	-7.909
BF318681	BC025575	0.00014	-5.34444
AV100801	BC024814,MGC38788	3.47E-18	-4.11198
BE626145	BC024683,MGC30464,MGC56792,MGC118167,mKIAA1089	0.00055	-2.5788
AV152395	BC024659,2900036K02Rik	5.03E-16	-2.11739
AW559011	BC023829	6.16E-16	-1.51924
AV341449	BC023818,Arg99	1.46E-06	-2.94453
BC023105	BC023105,MGC28198	6.22E-10	-26.06609
BM210917	BC021395,KIAA4077,MGC29396,MGC36325,mKIAA4077	0.00041	-1.51276
BB050507	BC021367,AI428876,BB161850,MGC29210	1.03E-06	-2.67689
BB467190	BC019943,MGC28346	0.00014	-1.74377
BB059395	BC019806,AW492292,MGC30933,2410002F01Rik	4.49E-13	-2.36116
NM_133214	BC017612,Fn5	0.00071	-1.69047
BC017133	BC017133,MGC27648,MGC49717	2.53E-07	-2.84741
BC016495	BC016495,AA408380,MGC25909,D630020N23Rik	2.64E-06	-2.37265
BC013529	BC013529,AA589616,MGC19209	5.97E-18	-1.88889
BI099836	BC013481,MGC18900,9530077J19Rik	0.00006	-1.97667
BC012278	BC012278,MGC18736	5.18E-11	-2.24634
BC009118	BC009118,Cbr4,MGC6971,A730083J17Rik	0	-2.8781
BC006662	BC006662,MGC7867	0.00093	-1.91498
W59564	BC003965,MGC7403	2.32E-11	-1.54644
BC003479	BC003479,C79874,C80074,MGC6908	5.20E-09	-2.24532
NM_030252	BC003266,MGC7764	0.00056	-1.85953
NM_024472	BC002216,MGC7473	4.52E-09	-2.54041
AV269187	BB182387	0.00078	-4.44392
BB144871	BB144871	1.23E-06	-18.60348
BG071718	Bat5,NG26,Bat-5,MGC19234,D17H6S82E	2.35E-16	-1.87697
BC016230	Bag2,BC016230,MGC36682,2610042A13Rik	0.00003	-1.97675
BM239035	Bach2,MGC117590	0.00053	-2.74018
AI853240	B3galnt2,C80633,MGC103263,A930105D20Rik,D230016N13Rik	2.59E-08	-2.60497
BB313577	B330016D10Rik	0.00004	-2.55304
BM120593	B230337E12Rik,AI115432	1.68E-17	-2.18691
AV234069	B230205M03,MGC130380,MGC130381	1.27E-08	-1.93787
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BB303952	B230107K20Rik,BB129864	8.01E-16	-11.52603
AK017382	AW743872	2.63E-12	-4.858
BC022157	AW548124,ESTM17,X83346,AI115348,MGC99930	7.79E-15	-4.39445
AV300673	AW495713	2.54E-16	-3.19701
AW495222	AW495222	3.01E-08	-8.51137

BB148302	AW320017	0	-9.18725
BM235411	AW320013,AW536799	0.00008	-1.61425
BB795363	AW215868	1.07E-13	-1.84462
BF715189	AW209491	0.00031	-2.02175
AW494980	AW124847	0.00096	-2.07027
AV246615	AW061234	5.01E-18	-2.63441
AI426175	AW049829,Hsc20,AI325508,MGC41340	2.66E-09	-2.09924
BM245529	AV312086,D430024J04	9.79E-06	-1.50532
BM213104	AV009015	2.89E-40	-3.66308
U80932	Aurka,IAK,Ark1,Ayk1,Stk6,AIRK1,AU019385,AW539821,Aurora-A	1.52E-07	-3.78833
NM_016709	Auh,C77140,W91705	5.03E-43	-19.52057
AV024806	AU040377,5930412K08	0	-9.83317
BG071197	AU040320,A730047D20Rik	0.00001	-1.66305
AV340615	AU023006	2.34E-10	-2.84924
AK013145	Atxn7I4,2810423G08Rik	0.00027	-2.53899
BB705334	Atxn2,ATX2,Sca2,AW544490,9630045M23Rik	2.49E-07	-1.63894
BC003341	Atpbd1c,D5Erd708e,A930018B01Rik	3.38E-10	-1.9101
AV333459	Atpaf1,ATP11,ATP11p,AI593252,6330547J17Rik	3.52E-28	-4.02699
BQ176779	Atp8a1,APLT,Atp3a2	1.29E-35	-5.7442
BI154058	Atp6v1g1,VAG1,ATP6J,Vma10,Atp6g1,AA960677,1810024D14Rik	3.43E-12	-1.92286
AV105788	Atp6v1d,VATD,Vma8,Atp6m,1110004P10Rik	4.49E-17	-2.14152
NM_026536	Atp5s,ATPW,facyor B,1110015E18Rik	7.82E-15	-2.90931
AV066932	Atp5o,ATPO,OSCP,D12Wsu28e	8.69E-16	-2.19301
NM_013795	Atp5l,MGC107313,MGC107547,4933437C06Rik	1.75E-24	-1.68387
AV216686	Atp5k,Lfm1,MGC107302,2610008D24Rik	1.27E-26	-2.38737
NM_020582	Atp5j2,1110019H14Rik	2.51E-12	-1.85042
NM_016755	Atp5j	5.82E-29	-2.03417
AF354051	Atp5h,0610009D10Rik	5.56E-22	-1.60839
AU080319	Atp5g3,MGC124584,6030447M23	4.59E-22	-1.72194
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AK019459	Atp5f1,C76477	0	-2.26382
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AV019894	Atp5d,C85518,AA960090,AI876556,	0.00013	-1.69341
NM_020615	Atp5c1,1700094F02Rik	7.31E-42	-2.2749
NM_016774	Atp5b	2.61E-11	-1.50138
BM213627	Atp5a1,Atpm,AI035633,AL022851,AL023067,D18Erd206e	2.25E-24	-2.06929
BB350662	Atp2b3,Pmca3,6430519O13Rik	0.00055	-2.71389
NM_007504	Atp2a1,SERCA1	5.30E-10	-6.02568
BG261955	Atp1b2,Amog,Atpb-2	5.68E-38	-10.5542
AI845177	Atp1a2,Atpa-3,AW060654,mKIAA0778	0	-8.21481
AU019532	Atg9a,Atg9,Apg9I1,Atg9I1,AU019532,MGC105176	0.00003	-3.36843
BB175634	Atg4d,Apg4d,Autl4,APG4-D,Atg4dl,MGC31226,9830134P12Rik	1.65E-08	-2.69233
NM_025770	Atg10,APG10,Apg10,Apg10I,Apg10p,Atg10I,AI852123,5330424L23Rik,543	5.08E-08	-2.20794
M94087	Atf4,Atf-4,C/ATF,CREB2,MGC96460,TAXREB67	3.54E-06	-1.8434
AV175293	Ate1,AI225793,AW547406	0.00002	-1.61918
AV381718	Atcay,ji,hes,CLAC,BNIP-H,BB077577,3322401A10Rik	4.86E-32	-6.58169
BB357220	Atad3a,Tob3,KIAA1273,mKIAA1273,2400004H09Rik	4.78E-06	-1.77145
BF467003	Asxl2,mKIAA1685,4930556B16Rik	2.88E-06	-4.36826
AU040643	Asrgl1,ALP,ALP1,AU040643,AW060375,2410004D18Rik	2.04E-06	-4.44898
AF289490	Asph,BAH,cl-37,jumbug,Junctin,AI848629	1.64E-31	-5.8291
BC024934	Aspa,Acy2,Acy-2	2.25E-06	-5.5154
AV312905	Asf1a,C79052,2310079C17Rik	0.00033	-1.75124
AF398969	Asb8,AI788835,4930539L19Rik,C430011H06Rik	1.40E-10	-3.49262
AK003566	Asb2,1110008E15Rik	2.38E-06	-8.58245
BB138331	Asb15,Asb-15,4930400E23Rik	0	-21.89543
NM_080856	Asb14,Asb-14	0	-17.65084
AF403041	Asb13,Asb-13,C85285,2210015B19Rik,6430573K02Rik	0.00016	-2.39815
NM_080858	Asb12,Asb-12,MGC130200,2310036C05Rik	1.19E-19	-34.46667
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AV233423	Asb10,Asb-10,BB137407	0	-54.34162
U60881	Art5,Yac-2	0.00002	-2.20918
AJ311773	Art3,4930569O04Rik	4.01E-43	-5.05375
U31510	Art1,ADPRT	0	-2.24901
BG796960	Arpc5l,ARC16-2,AI852867,AW555592,AW742746,2010015J01Rik	2.14E-39	-2.11713
BM232782	Armc8,HSPC056,1200015K23Rik	0.00059	-1.88565
AV233429	Arl8b,gie1,Arl10c,2610313E07Rik,3100002J04Rik	3.86E-06	-1.85242

AV334690	Arl6ip2,Aip-2,AA407293,AV334690,2010110I21Rik	0	-18.79244
NM_019718	Arl3	1.36E-35	-1.74756
BB140664	Arih2,ARI2,UIP48,TRIAD1,AI843547	1.79E-06	-1.50201
NM_133796	Arhgdia,Gdi-1,RhoDGI,MGC7904,Rho-GDI	0.00004	-2.18581
BM248774	Arhgap5,p190-B,D2Mgi50	0.00014	-1.95606
AK018317	Arhgap20,mKIAA1391,6530403F17Rik,A530023E23Rik	1.12E-08	-2.99756
BB757123	Arcn1,MGC27546,MGC102316,4632432M07Rik	0.00022	-1.9696
AK010060	Araf,A-Raf,Araf1,AW495444,1200013E08Rik	3.68E-17	-2.06309
AV232123	Ar,Tfm,AW320017	8.81E-24	-8.51759
AB056091	Aqp7,AQP 7,AQP7L,AQPap	2.97E-11	-9.75792
AI956846	Aqp6,AI790337	8.85E-07	-5.59551
BB193413	Aqp4,MIWC,mMIWC	5.60E-15	-87.73282
NM_007472	Aqp1	7.07E-11	-4.11473
BB442341	Aprin,AS3,AI646570,AW212954,mKIAA0979	3.24E-12	-1.74356
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AF215896	Apeg1,BPEG,SPEG,AW125581,	9.90E-38	-9.00819
AV328620	Apba3,Hs3st5	0.00001	-10.30269
BC001985	Ap4s1,AI314282	4.78E-22	-2.11983
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NM_013469	Anxa11,Anx11,A830099O17Rik	3.17E-07	-1.65017
BG793484	Ankrd23,Darp,MARP3,AI853437,1110058D09Rik,2310041C05Rik	2.20E-09	-5.78259
AI507196	Ankrd13b,AW124583,B930093C12Rik	6.57E-27	-3.742
BM217754	Ank3,AnkG,Ank-3,MGC14049,Ankyrin 3	3.03E-08	-2.55455
BQ174638	Ank2,Ank-2,AI835472	2.46E-14	-2.94102
M84756	Ank1,nb,Ank-1	9.06E-20	-7.28088
BC019148	Angel1,KIAA0759,mKIAA0759,1110030H02Rik	0.00005	-2.65938
AK003821	Anapc5,Anpc5,AA408751,AA536819,AA986414,2510006G12Rik	0.00071	-3.84368
BM122700	Anapc13,SWM1,APC13,1810004D07Rik	4.77E-14	-2.02846
AV019615	Anapc11,R75218,1110011I19Rik	0.00014	-1.5387
NM_007446	Amy1,Amy-1,C030014B17Rik	4.43E-27	-17.31289
AW146181	Ampd1,Ampd-1,AI553520	4.64E-19	-16.88831
BG067039	Amot,CAG-2,C81439,D0Kist1,mKIAA1071,E230009N18Rik	6.78E-18	-3.66412
BB387182	Amigo1,A,ali2,Amigo,MGC25558	0.00046	-4.07533
AK017403	Amid,PRG3,5430437E11Rik,D730001110Rik	0.00002	-1.86988
NM_009665	Amd1,Amd-1,AdoMetDC,MGC91044,MGC102468	0	-1.87878
BB277912	Als2cr2,Papk,ILPIP,ILPIPA,	0	-2.80536
BB106417	Als2cr2	0.00006	-2.04217
NM_054085	Alpk3,MAK,Midori,AW319487,KIAA1330,mKIAA1330,D330016D04	0.00028	-1.89387
AY044451	Alpk2,Hak	0.00002	-11.30793
BC008184	Aldoc,Aldo3,Scrg2,AI847350,AU040929	0.00035	-3.21253
AK006425	Aldoa-ps1,Aldo1-ps1,4933425L11Rik	2.35E-09	-3.09803
AV030922	Aldoa,Aldo1,Aldo-1,MGC107164	2.29E-11	-3.13319
NM_134042	Aldh6a1,AI314632,MGC37325,1110038I05Rik	0	-6.17036
BQ175320	Aldh5a1,Ahd1,Ahd-1,Ssdh1,6330403E24Rik,D630032B01Rik	1.07E-10	-2.3599
AI462635	Aldh2,Ahd5,Ahd-5	0.00004	-1.93922
AK007822	Aldh1I1,Fthfd,1810048F20Rik	3.14E-07	-7.35076
NM_011921	Aldh1a7,Aldhpb,Aldh-pb,Aldh1a4,AI987940,Ahd2-like	1.88E-08	-20.21603
BC024643	Alb1,Alb-1,albumin	0.00021	-3.80048
BC022110	Alas1,ALAS,Alas-1,Alas-h	4.82E-10	-3.7418
BC018236	Alad,Lv	2.74E-12	-3.19106
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BB206121	Akr7a5,Afar,Afar1,0610025K21Rik	1.97E-24	-5.93001
BC012692	Akr1e1,1810061I10Rik	0.00005	-2.0606
BB469763	Akr1b3,AR,ALR2,Ahr1,Ahr-1,Aldr1,Akr1b1,Aldor1	3.13E-13	-2.25486
BG067335	Akap1,Akap,AKAP84,C76494,C81186,AKAP121,S-AKAP84	0.00009	-2.16915
BC019174	Ak3,AK-3,Ak3I,Ak3I1,Ak3I,AA407498,AI506714,1700018L02Rik	1.12E-11	-1.8951
BB212351	AK129375,Npl4,KIAA1499,mKIAA1499	0.00084	-2.04684
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BI076615	AI875089	0.00005	-2.25513
AI847670	AI847670,4631428I10	2.88E-15	-2.19605
AI843755	AI843755	0.00022	-26.04469
AI661167	AI663975	9.24E-27	-5.13199
AV380966	AI663975	1.87E-34	-9.99216

AW494283	AI595406,MGC62475	2.15E-07	-3.01202
BM246326	AI553587,HZGJ,RP23-32H19.3	0.00003	-1.52339
AV304145	AI503564	0.00005	-6.15567
BG063189	AI464131,Gm762,AA408153,AI604836	0	-10.94217
BG794917	AI462493	9.82E-10	-1.84326
AW552254	AI428795,MGC7623,AI851761,BC002262,6030435N04	5.75E-08	-2.43788
AW495162	AI426330	5.79E-07	-2.4107
BQ174439	AI425999,AW544599	1.09E-07	-3.00981
BC024862	AI413631,MGC36453	3.17E-12	-1.87715
BB222646	AI325464,AA408776,AA408778	0.00032	-2.67008
BE980249	AI317395,AI482555,MGC25869	6.50E-11	-5.77494
AW228053	AI316807,EST-c39,BG694986	1.93E-12	-2.97344
BM119859	AI316787,R74819,AI848469	1.70E-08	-1.59013
AW558560	AI314976,AW558560	0.00003	-1.68605
BG076313	AI314180,AW558785,BB181316,KIAA0368,mKIAA0368	4.49E-29	-3.31839
AV244175	AI158848	4.38E-06	-2.1808
AI118064	AI118064,AW742785	0.00006	-2.28502
AK009866	Ahnak,DY6,AA589382	0.00003	-4.01653
AK005060	Agxt2l1,AI195447,1300019H02Rik	0.00001	-2.55763
BB487712	Agtpbp1,pcd,Nna1,	5.44E-07	-5.71115
BB758649	Agpat5,D8ErtD319e,1110013A05Rik	3.29E-08	-1.72685
AK010891	Agpat2,BSCL,BSCL1	0.00016	-5.42063
BB524140	Agpat1,1-AGP,1-AGPAT,AW047140	0.00082	-2.35677
BB006088	Agl,C77197,AI850929	0	-8.9201
AV052058	Aga,AW060726	1.02E-11	-1.78223
AW546149	Afg3l2,AW260507,2310036I02Rik	1.07E-08	-1.61531
NM_007421	Adssl1,Adss,Adss1,AI528595	1.67E-37	-9.87749
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AF333028	Adrbk1,GRK2,Bark-1,Adrbk-1,betaARK1	0.00002	-2.02835
BB224790	Adrb3,Adrb-3	0.00092	-8.35777
AV083350	Adrb2,Badm,Gpcr7,Adrb-2	1.19E-06	-2.54497
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BG311385	Adora2a,A2aR,A2AAR	0.00097	-5.68403
NM_013459	Adn,DF,factor D	3.01E-27	-11.40028
BB559878	Adk,AK,MGC6593,AI255373	0	-4.43837
BG074607	Adipor2,ADCR2,Paqr2,AI115388,	1.39E-08	-2.3872
BC026584	Adhfe1,Adh8,AI043035,6330565B14Rik	1.55E-28	-52.623
BC013477	Adh1,Adh-1,ADH-AA,Adh-1e,Adh-1t,Adh-3e,Adh1-e,	5.22E-38	-14.79924
AK013587	Adcyap1r1,PAC1,PAC1R,AI846590,PACAP1-R,2900024I10Rik	0.00086	-3.3452
BB795229	Adcy9,mKIAA0520	3.33E-33	-3.77677
BE952286	Adcy5,AC5,AW121902	0.00037	-4.90408
AK016299	Adal,MGC62428,MGC63264,4930578F03Rik	3.83E-07	-1.54541
BI730288	Acyp2,2310004B09Rik	1.12E-30	-4.24091
NM_025421	Acyp1,AI325944,1110039O14Rik	1.87E-28	-4.10122
BQ043509	Acvr1b,SKR2,ActRIB,ActR-IB,Acvrlk4,6820432J04	6.92E-11	-3.31948
NM_013456	Actn3	2.99E-13	-7.82062
NM_007393	Actb,Actx,beta-actin,E430023M04Rik	3.42E-08	-1.72615
NM_019811	Acss2,ACAS,Acs1,Acas1,Acas2,AceCS1,1110017C11Rik	1.06E-07	-2.89411
BI413218	AcsI1,Acs,Acas,FACS,Acas1,Faci2	1.07E-06	-7.42807
AB034914	Acox1,AOX,AI042784,D130055E20Rik	0.00003	-2.05473
AU019938	Aco2,Aco3,Aco-2,D10Wsu183e	0	-3.18521
BF122715	Acn9,0610005M07Rik,4933430A16Rik	5.84E-25	-3.19813
AK002470	Acbd6,MGC106946,0610010G04Rik,2610100E10Rik	1.74E-13	-2.17029
AV148646	Acat2,Tcp-1x,AW742799,Tcp1-rs1	1.59E-35	-2.14693
BG070487	Acat1,Acat,6330585C21Rik	7.48E-34	-3.04813
BC026559	Acadvl,vlcad	1.99E-06	-2.96705
BF228057	Acadsb,BB066609,1300003O09Rik	4.33E-13	-1.93706
NM_007383	Acads,Bcd1,SCAD,Bcd-1,AI196007	0.0007	-3.38831
NM_007382	Acadm,MCAD,AU018656	7.98E-23	-3.01368
BB728073	Acadl,LCAD,C79855,AA960361,AU018452	2.03E-12	-1.64377
AV235115	Acad9,NPD002,4732402K02,2600017P15Rik,C630012L17Rik	0.00006	-1.8321
AK010568	Acad10,2410021P16Rik	0.00063	-2.38516
BC022940	Acacb,Acc2,Accb,AI597064,AW743042	3.46E-16	-30.53787
BG921646	Acaca,Acac,Acc1,Gm738	2.46E-10	-3.18207
BB718075	Acaa2,AI255831,AI265397,D18ErtD240e,0610011L04Rik	4.55E-16	-7.27169
NM_130864	Acaa1a,PTL,Acaa,Acaa1,MGC7090,D9ErtD25e	0.00056	-1.86754

BB336053	Ablim2,AI606905,C230091L11	0.00047	-4.43635
AK004244	Abhd11,Wbscr21,1110054D16Rik,A630008N09Rik	2.56E-18	-3.33771
NM_021304	Abhd1,LABH1,LABH-1	0.00059	-2.19714
AW456685	Abcd2,ALDR,ABC39,ALDL1,ALDRP	0.00008	-9.10563
BG791642	Abcc9,Sur2,SUR2A,SUR2B,AI414027,AI449286	4.38E-12	-5.4257
BM119407	Abcb7,Abc7,AA517758,AU019072	0	-3.0303
NM_023732	Abcb6,1200005B17Rik	0.00005	-1.51296
NM_008830	Abcb4,Mdr2,Pgy2,Pgy-2,mdr-2	2.76E-20	-7.71479
AW046072	Abca9,D630040K07Rik	0.00005	-2.23797
AF213393	Abca8b,Abca8	0.00003	-2.3734
BC026496	Abca8a	8.92E-10	-2.70437
AB056443	AB056442,mOAT6-L,mOAT6-S	0.00007	-3.43212
AK013111	Aasdhpt,LYS2,	0.00013	-1.55046
AV369935	Aadac1,CPO-BP,B230106I24Rik	0.00016	-1.79583
C76423	AA536749,RIP3,	2.48E-10	-2.99865
BG063170	AA407881	7.85E-18	-2.7785
BB447764	A930035J23Rik,AU014659	4.33E-07	-1.67495
AI426503	A930031D07Rik,AI850289,A230072B04	0.00002	-12.74329
AK020898	A930028C08Rik	0.00017	-4.72954
AV359781	A930016D02Rik,MGC118429	9.22E-07	-3.3182
AV009179	A930005H10Rik	1.75E-10	-3.78348
BM246522	A930001N09Rik	0.00056	-1.53703
BB360713	A730024A03Rik,AI838773	0.00002	-1.97262
BB360886	A730009E18Rik	1.22E-11	-4.76919
AI790538	A530016O06Rik,AI790538	2.68E-07	-2.08949
BC005730	A330049M08Rik	4.49E-08	-4.57189
BQ176713	A2bp1,A2bp,fox-1,Hrnbp1	0	-8.46707
BB153043	A230061C15Rik	0.00029	-1.84438
BI111848	A130092J06Rik	0.0001	-2.16955
AA673177	A030007L17Rik,AA673177	5.97E-12	-2.75569
BB149729	A030001D16Rik	1.50E-07	-16.34188
BB008528	9930021J17Rik	1.09E-13	-6.92418
BE457750	9830160G03Rik	0	-15.51538
BM247060	9630058J23Rik,MGC31547	6.25E-09	-2.53433
BB276950	9630055N22Rik,FLVCR	6.87E-43	-2.56369
BB128741	9630033F20Rik,C79710,C85509,AA793651,AI595337	0	-13.41368
BB438526	9630025H16Rik	1.82E-19	-3.47287
AK020529	9430099H24Rik	0.00004	-4.03308
BC024334	9430083G14Rik	1.18E-23	-1.66621
BB235927	9430063L05Rik,C87016,KIAA0477,mKIAA0454,4732458A06Rik	0.00005	-2.09223
AV228487	9430016H08Rik,C78988,AA409999	0.00033	-3.35346
BB527078	9330186A19Rik,cg003,13CDNA73,AI462658,KIAA4143,	1.41E-41	-2.64904
AK020387	9330179C17Rik	0.00006	-4.2066
AV328072	9330159F19Rik	1.42E-26	-4.38268
BB078068	9330151E16Rik,Gm2,RP23-327G1.2	0.00034	-2.58706
BG076134	9330120H11Rik	1.36E-07	-2.06304
BC023401	9130404D08Rik,C77863,C79014,KIAA0892,mKIAA0892	3.62E-10	-1.87639
BB424872	9130227C08Rik,AI605259,mKIAA0323,6330555F21,2310014G06Rik	0.00005	-8.99112
AV376830	9130217G22Rik	0	-14.08031
AI881989	9130017A15Rik,TA-PP2C,AA672638,AI848390	3.51E-14	-3.29842
NM_134072	9030611N15Rik,Akr1c14,AW557061	0.00068	-9.41116
AV369969	9030204A07Rik	1.56E-10	-1.56351
AK020241	9030201C23Rik	0.00041	-4.49269
BQ175875	9030023J02Rik	5.35E-10	-3.03645
AK018397	8430408J07Rik	6.34E-06	-1.73001
BB040330	8430406I07Rik,AI426476	0.00089	-1.88082
AV363799	8030431A06Rik	1.61E-06	-6.53346
BB053380	6720462K09Rik	1.50E-14	-1.82295
BF011349	6620401M08Rik,1700006C13Rik	3.38E-10	-3.11982
BF011349	6620401M08Rik,1700006C13Rik	0	-8.6067
AK018322	6530404N21Rik,AI452315,AW060440,C10orf59,2810449D17Rik	9.67E-08	-3.91338
BB279146	6430704N06	1.61E-19	-15.07004
AV347367	6430601A21Rik	1.05E-08	-1.96284
AV342060	6430571L13Rik	5.61E-45	-41.89606
BB296225	6430510M02Rik	0.00002	-3.23129
BB667858	6330578E17Rik,1700001A24Rik	0.00001	-2.54138

AV330057	6330509M05Rik,AI450287	0.00003	-3.08043
AV327187	6330417G04Rik,AW048350	3.46E-07	-6.09536
AK018153	6330409N04Rik	3.12E-29	-3.24679
BB126127	6030458C11Rik,MGC118638	1.26E-07	-1.73509
AK003339	6030457N17Rik	0.00001	-1.64445
AV321994	6030439D06Rik	6.70E-18	-20.88294
AV380797	5930437A14Rik	0.00012	-4.08158
AI662241	5930418K15Rik,mKIAA1423	0.00063	-3.87038
BB223379	5830472M02Rik,3110080A02Rik	8.04E-10	-5.78906
BQ173965	5830457H20Rik	1.61E-09	-2.03248
BB030412	5830454D03Rik	5.33E-14	-2.33326
AI553531	5830446M03Rik,AI181014,AU020769	0.00014	-2.25473
BC002200	5830417C01Rik,DKFZp586C1019	1.84E-32	-1.89071
BC027051	5830415L20Rik,2900022K02Rik	0.0005	-1.50981
AV263881	5830411E10Rik,Nabp1,	0.00003	-3.80647
AK017917	5830410O09Rik	3.09E-06	-4.73171
BB005022	5830404H04Rik,AI314146,AI449533,BF168443,KIAA4045	0	-11.17937
BI737125	5730557B15Rik,0610012A05Rik	2.51E-11	-8.30222
AK017741	5730499H23Rik	0.00004	-2.03482
AK017706	5730480H06Rik	0.00001	-2.38259
AI790341	5730472N09Rik,R74766,C9orf54,AA408683,AI790341	2.52E-06	-1.91714
AK017688	5730469M10Rik,AU040822	3.67E-10	-8.9139
BI108098	5730455P16Rik,RP23-252E4.2	4.68E-10	-2.14832
BQ031255	5730439E10Rik,AI987948	5.07E-24	-3.82
BC011293	5730438N18Rik,MGC4399	3.97E-19	-2.73563
BC019420	5730437N04Rik,1110008A10Rik,2310046K16Rik	2.78E-09	-2.3251
AK017499	5730405O12Rik	0.00022	-1.67491
AK014507	5730405I09Rik,1700025H17Rik,3110050L10Rik,4631402G10Rik	0.00079	-2.10843
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BB463553	5430433E21Rik	0.00027	-4.6633
AA590213	5430420P03Rik,Plmp,mDLP1	2.63E-14	-4.72349
BB519768	5430420E18Rik	0.00002	-1.70731
BB224233	5430416O09Rik,AI481365	0.00013	-3.2821
AK017297	5430411K18Rik,AI661957,AW456499,mKIAA1632,4732475F16	3.04E-18	-2.34571
BC019948	5430405G24Rik,AU018890,mKIAA0553	0.0003	-1.50375
BQ031101	5330431N19Rik	0.00013	-1.55062
BB021589	5330420D20Rik,Ddo,AI467244,5730402C02Rik	0	-11.87894
AK017242	5330417H12Rik	1.84E-09	-7.15872
BC023501	5330408N05Rik,KIAA1800,mKIAA1800	8.12E-08	-2.03119
BC016597	5230400G24Rik,AI314724	3.58E-09	-1.71904
AK010168	5033425B17Rik,Nifie14,2010004E11Rik	0	-2.7815
AK018199	5033417F24Rik,6330419D11Rik	0.00009	-2.77515
BI408317	5031439G07Rik,AW554572,mKIAA0930	0.00089	-1.5359
BB385113	5031434O11Rik,AI481280	1.18E-06	-2.70365
AJ404329	4933439F18Rik,RP23-135F6.5	0.00008	-1.65767
AK017054	4933434G05Rik	0.00035	-3.44838
NM_025762	4933434E20Rik,NICE-3,NS5ATP4,AI462154,5730552F22Rik	8.75E-07	-1.52822
BB446073	4933425A18Rik,C80494	0.00062	-1.92726
AK016884	4933424C08Rik	0.00019	-2.25356
AV300264	4933408F15	3.50E-08	-5.79207
BM120298	4933403F05Rik,AA987140,AV134576,AW491926,MGC48232	0.00024	-1.99718
BB315720	4932416N17Rik,AW742259,KIAA0350,mKIAA0350	0.00035	-2.63277
AV273867	4932414K18Rik	7.37E-27	-1.68725
AK016424	4931402H11Rik	0.00002	-3.92092
AK005778	4930578I06Rik,AI429111	0.00051	-3.85648
BF019849	4930577N17Rik	0.0003	-4.56009
AK019739	4930544N03Rik	9.61E-08	-4.0835
AI666321	4930543C13Rik	0.00016	-1.81217
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AK015927	4930528G23Rik	0.00001	-3.8821
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AK015848	4930519P11Rik	0.00036	-2.85948
AK005645	4930517K11Rik,RPL39L	7.56E-06	-3.61197
BE980189	4930506M07Rik,KIAA1598,mKIAA1598	0.00096	-2.7482
AK015661	4930500G05Rik	0.00038	-6.26871

BC021522	4930469P12Rik,Ghiso,AL022899	9.55E-40	-2.73873
BG071611	4930461P20Rik,9930116P15Rik	2.17E-12	-2.78128
BC020029	4930453N24Rik,AI649104	2.40E-14	-1.85577
AK005798	4930448K20Rik,1700009K09Rik	3.20E-08	-2.57809
AK019598	4930435F05Rik	0.00077	-3.13061
BM245060	4930431H11Rik	1.17E-07	-2.45633
BG073646	4930430F08Rik,AW551239,4930571E09Rik,A730088G13Rik	0.00089	-1.58487
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BB079116	4930402E16Rik,AU018056,mKIAA1990	0.00002	-2.13615
BB795572	4921517B04Rik,C630030B20,1110049N09Rik	1.82E-18	-3.72224
AV281687	4921507P07Rik,TISP74	2.63E-06	-2.8903
NM_133797	4833439L19Rik,C81457,4930558H15Rik	0	-2.18662
AV334098	4833424O15Rik	0.00023	-2.58583
AV249898	4833419K08Rik	0	-57.52935
AV026232	4832428D23Rik,Gm991	5.87E-16	-37.77966
BC021511	4732486I23Rik,AI502974	0.00073	-1.71925
AV119970	4732479N06Rik	1.13E-12	-2.2423
BB027848	4732466D17Rik,AI098026	0.00006	-4.43265
BQ174442	4732416N19Rik	2.46E-14	-3.36087
BQ033255	4633402N23Rik,AA114801	7.26E-24	-1.99334
AK019501	4632418H02Rik	0.00011	-2.48859
AK018605	4631408O11Rik	6.64E-10	-2.85417
AW488762	4432406C05Rik,AI648175,AW210586,2810440M13Rik	0.00002	-2.30192
AK014378	3300002P13Rik	6.22E-15	-3.71501
AV171622	3300001H21Rik,Aam-B,2210414H16Rik	1.86E-12	-4.08913
BC028766	3300001G02Rik,AL033324,C16ORF33	0.00002	-4.81203
BF140684	3222402P14Rik,MGC29057,A730042E07	2.20E-16	-3.31417
AV317245	3110057O12Rik,AI645591,4732404H23,2310068E01Rik	0.00001	-3.19345
BB333439	3110056O03Rik,AW550292	0.00004	-2.33685
AV158652	3110021A11Rik	7.76E-11	-4.47589
AK013998	3110005G23Rik	0.00007	-2.66724
BM234253	3110004L20Rik	0.00008	-4.52641
BE915283	3110001D03Rik,1700027K24Rik,RP24-200F10.1	4.54E-09	-1.71444
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BC025937	2900084M01Rik,MGC37808	3.81E-10	-4.19128
AV230414	2900060K15Rik	0.00058	-4.37564
BC003957	2900046G09Rik	0.00014	-6.20319
AK013631	2900041A09Rik,Tppp,AI849835	6.02E-06	-5.28104
AK013580	2900024C23Rik,AI315274	4.09E-18	-3.39243
AA216953	2900016G23Rik	5.26E-06	-1.7484
AK013525	2900011F02Rik	0.00094	-3.55909
AV046927	2900010M23Rik	1.61E-16	-2.01887
AK011824	2900006F19Rik,1110033L15Rik,2610107G07Rik	7.57E-11	-10.57605
BC024461	2900006B13Rik,RP23-79E13.3	1.85E-35	-3.29002
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BC005638	2810453I06Rik,Sipar,AW047776,1500026F15Rik	0.00002	-1.62097
AV225967	2810439K08Rik,AW319712	6.27E-06	-2.20412
BC013800	2810432L12Rik,AI835809,9330170P15Rik	0	-2.94861
AK018444	2810429O05Rik,MGC36863,D12Erttd482e,8430427C03Rik	7.32E-09	-6.19823
NM_025577	2810428I15Rik	5.27E-07	-1.9221
AK013166	2810426N06Rik,AI256342,AI605193	0.00078	-1.56639
AV024565	2810423E13Rik,AI836898	1.25E-15	-3.48091
AK013137	2810422O20Rik,C78571	0.00088	-1.78293
AK013135	2810422J05Rik,C78305,0610030B01Rik	0.00005	-1.98921
AK013131	2810422B04Rik,AU045708,2610034F17Rik	9.32E-30	-2.3664
BB108987	2810421I24Rik	2.88E-12	-2.38203
BB667085	2810416G20Rik	3.89E-08	-6.67982
BC002240	2810410M20Rik,DPY30,C87842	3.47E-11	-1.67207
AK013022	2810407C02Rik,SelT,5730408P04Rik	0	-1.73939
AI836168	2810405K02Rik,AI836168	5.15E-26	-5.75696
BB363943	2810055G20Rik,D730043B02Rik	0.00049	-2.56944
AK012776	2810021G02Rik	4.92E-08	-1.74249
AW061011	2810012H18Rik,AA536681,AA960498,AW061011	5.42E-18	-2.21008
AK002873	2810002N01Rik,1700081D05Rik	2.60E-39	-2.30197
AK012621	2700097O09Rik,AW552125	0.00005	-2.05449

AV030118	2700089E24Rik,AI662692	2.36E-09	-2.02904
AK012852	2700088M22Rik, Madp-1	2.37E-39	-2.50079
AK020725	2700046A07Rik,A330042I05Rik	0.00052	-3.12747
NM_026202	2610529H08Rik,C3orf6,AW048328	6.50E-06	-1.68724
AK019979	2610528E23Rik,AV099812,AV122629,	0	-7.33237
BC011109	2610511E22Rik	1.95E-06	-1.75504
AK012087	2610510B01Rik,C21orf5,AI503246,mKIAA0933,0610038M01Rik	0.00016	-1.75721
BG065294	2610507B11Rik,E1,AU022687	1.41E-09	-1.58384
NM_026519	2610318K02Rik	1.69E-06	-1.53245
AI506568	2610306H15Rik	0.00043	-2.03692
BB304715	2610304G08Rik,2810446G03Rik	1.39E-12	-1.99792
BC027564	2610209M04Rik,Ry1,AI449063,AU022368	9.58E-29	-1.75354
AK013127	2610209A20Rik	0.00033	-1.69253
AB040489	2610204L23Rik,asp4	8.34E-22	-1.60661
AK009389	2610200G18Rik,2810426C15Rik	2.74E-10	-3.32785
AK011776	2610044O15Rik	6.24E-06	-1.88959
AI266964	2610042O14Rik,C87389,AI266964	8.60E-06	-1.88464
AK011692	2610036D13Rik,AI449463	1.63E-06	-2.50422
AK011611	2610029I01Rik	0.00004	-1.74723
AK003713	2610022G08Rik,AI847956	9.77E-11	-3.54812
AA790871	2610019N19Rik	3.66E-24	-2.04731
AK011462	2610019F03Rik	0.00001	-3.31829
AV006771	2600009E05Rik,AI326138,1110001I20Rik	3.49E-06	-2.42991
AK010986	2510019K15Rik	0.00033	-1.95504
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NM_026526	2510005D08Rik,AW045965	3.42E-08	-1.6192
BQ174647	2510003E04Rik,MGC107132,mKIAA1279,0710007C18Rik	0.00072	-1.53167
BG070940	2500002B13Rik	0.00003	-2.6488
BB787289	2410195B05Rik,AA617402,AW536475,MGC117832	4.85E-06	-2.2707
AI480750	2410166I05Rik,AI480750	3.80E-16	-1.83811
BI153133	2410129H14Rik,AI120158	0.0001	-1.55269
AV302436	2410127L17Rik	2.81E-18	-5.0703
AK010524	2410017I17Rik	0.00004	-2.57532
AK010472	2410012H22Rik,MGC130274,RP23-330N10.3	3.40E-11	-2.01504
BB348448	2410012C07Rik,VKIND,B830014K08Rik	0.00004	-3.46975
BB115225	2410005O16Rik,AI449062,	0.00036	-2.76226
NM_025555	2410004B18Rik,4930572C24Rik	4.62E-44	-1.60627
NM_018888	2410003P15Rik,Bfzb,Bfzp,mbFZb,2310079L17Rik,3110038N19Rik	0.00078	-2.41439
BF300229	2410003K15Rik	0	-3.8636
BB035728	2410002O22Rik,AI451892,AU017229,2610524F24Rik	1.04E-07	-1.57525
AA261399	2400009B08Rik	3.26E-08	-6.74249
NM_021329	2400006H24Rik,Mog1,Rangnf,MGC107268,RP23-396M19.8	7.29E-08	-2.98233
AV017653	2400002F11Rik,MGC41042	5.79E-10	-1.67323
BI152383	2310079P12Rik,L55,AF006998,RP23-268K22.3	5.23E-12	-1.57895
BB717485	2310076L09Rik,PAT-1,AI415325,AW109675	3.06E-08	-19.14464
BC026740	2310075G12Rik,1110014L05Rik	3.26E-10	-4.38533
NM_027343	2310066I10Rik,AI481039	0.00042	-7.89882
AK010044	2310065F04Rik	3.44E-25	-64.03367
BB379386	2310061I04Rik,MGC117734	0	-4.37784
AW045976	2310061C15Rik,DC13,1110046L09Rik	0.00026	-1.69902
BC010826	2310056P07Rik	2.98E-14	-1.57229
AW488885	2310051E17Rik	1.46E-07	-2.0444
AK009897	2310050B05Rik	4.31E-40	-12.9132
AW048687	2310047D07Rik	3.26E-12	-9.6881
AK009836	2310046A06Rik,AI931782,MGC107700	1.53E-13	-3.52995
AV364387	2310045N14Rik	1.21E-07	-2.63067
AK009800	2310044G17Rik,AI842544,AI853744,mKIAA1737	2.13E-14	-1.97899
BB667295	2310044D20Rik	3.44E-14	-2.10157
AK018202	2310043N10Rik	3.76E-08	-2.23233
AK009747	2310042D19Rik	5.51E-18	-22.20075
BG795494	2310040G24Rik	0	-35.6212
NM_025966	2310039H08Rik	1.38E-41	-2.23762
AK009547	2310030N02Rik	8.27E-30	-14.84962
AV213597	2310030G09Rik	0.00059	-1.93302
AV209841	2310028O11Rik	5.36E-09	-1.63354
AK009941	2310022A10Rik	2.71E-18	-2.43938

W42220	2310016M24Rik,AA959804,MGC106475	1.08E-20	-2.21433
BC024580	2310016A09Rik	7.92E-21	-11.00962
AK009351	2310015B20Rik	0	-7.84455
AK009335	2310014F06Rik	7.17E-09	-7.33005
AK009281	2310010M20Rik	0	-62.27506
AK009264	2310010B21Rik,AW048587	1.91E-07	-1.70435
AV004950	2310009A05Rik	0.00072	-2.05679
BQ176469	2310007O11Rik	0.00002	-1.89962
AK009207	2310007H09Rik	0.00003	-6.36641
AK009001	2310007F04Rik	4.50E-12	-7.98912
BB226589	2310005P05Rik,AI481005	6.79E-08	-4.18677
AK004527	2310005O14Rik,C78387	0	-6.04951
AK019906	2310005E10Rik,Akr1b10	0	-3.88321
AK009123	2310003L22Rik	1.24E-30	-4.43275
AK009097	2310002L09Rik,AV083437,2310003M01Rik	5.60E-16	-7.69136
AK010048	2310002J21Rik,2610002B11Rik,4930560M04Rik	3.92E-09	-2.66201
AK009071	2310001K24Rik	3.04E-06	-2.58345
AI467545	2310001H13Rik,AI467545,mKIAA1042	3.16E-29	-4.71226
BB221125	2310001A20Rik,AI314817	8.57E-06	-1.65158
AK009046	2300009A05Rik	4.31E-08	-2.24233
AK009016	2300003C06Rik,JP-45,2310032K21Rik	1.09E-06	-3.61604
BF318739	2210409M21Rik	6.49E-14	-1.64431
BC025858	2210021J22Rik	0.00044	-2.27743
AU021197	2210018M11Rik	0.00027	-2.90493
BM245369	2210015D19Rik,AI596465,1600028I17Rik	1.08E-07	-3.15793
AV288141	2010316F05Rik,RP23-92B18.3	1.19E-06	-1.79263
NM_133839	2010311D03Rik,AI314967	0.00068	-1.5376
BC012391	2010305A19Rik,AI451324	1.54E-10	-2.1369
AK008567	2010110K16Rik,AI596001,2010312P05Rik	1.20E-08	-2.23187
AV069567	2010107H07Rik	0.00012	-1.88542
BC016267	2010106G01Rik,Sppl2A,C130089K23Rik	3.82E-23	-1.89604
NM_025946	2010100O12Rik,AI853864	1.67E-23	-1.58319
BF585125	2010005J08Rik,AW060359	0.0001	-1.63695
AK008077	2010003O02Rik	0.00005	-4.17775
AK007977	1810073N04Rik	8.46E-07	-1.99648
BG975168	1810063B05Rik,AI447995	0	-2.33562
AA067702	1810060J02Rik,AU045683,AW555238,1700086G08Rik	5.22E-14	-1.76897
AV059466	1810058N15Rik	0.00042	-2.46268
AK007894	1810058I14Rik,C86051,mimitin	7.59E-12	-1.67021
NM_025560	1810049H13Rik	1.68E-08	-2.61362
AV370537	1810044O22Rik,Cyb5m,AU015618	0.00008	-1.75147
W41078	1810044D09Rik	7.29E-10	-2.51148
AV056885	1810043H04Rik	1.47E-09	-1.81919
NM_025962	1810037K07Rik	0	-3.67985
BG792484	1810030N24Rik,2810406B13Rik	1.21E-29	-2.48587
BG069652	1810029B16Rik	1.00E-10	-1.80899
BG088666	1810027O10Rik,3110009M16Rik,RP23-422L16.23	2.52E-21	-1.79364
BB027373	1810026J23Rik	1.29E-06	-1.66763
BC021795	1810023F06Rik,ISG12(b2)	0.00055	-2.82754
BF166756	1810020G14Rik,BB388670,MGC118423,1810055I05Rik	2.63E-18	-2.12127
BB667677	1810020E01Rik	5.50E-24	-3.14
BC026557	1810020D17Rik,1810037D19Rik	3.89E-13	-2.28782
AK007557	1810020C19Rik,1700108H04Rik	0.00003	-1.56425
AK007494	1810014F10Rik	7.95E-38	-4.36716
AW985991	1810014B01Rik	3.61E-12	-3.89217
BM227762	1810013L24Rik,R74903,	6.72E-08	-1.51636
C87702	1810013D10Rik,N28078	5.12E-15	-1.97223
BM250236	1810012P15Rik	0.00001	-4.36419
NM_025457	1810008A14Rik	0.00007	-1.72084
NM_025308	1810007E14Rik,AA238765	0.00035	-2.36042
BB211735	1700129L13Rik,AU019838	4.75E-15	-1.87305
NM_026628	1700120K04Rik	0.0001	-1.85348
AK007198	1700113I22Rik,1110069E20Rik	2.73E-35	-3.86058
BC025528	1700108L22Rik,AA690246,FLJ10378,MGC38253	3.45E-35	-4.96569
BG069192	1700106N22Rik	0.00062	-3.74343
BB104209	1700106J16Rik	4.61E-06	-2.77495

AK018926	1700094C09Rik,MGC58425	0.00015	-2.4829
BB633562	1700066J03Rik	0.00061	-2.71604
AW557010	1700065A05Rik,AA420392	8.94E-09	-1.85743
AK006658	1700040I03Rik	0.00007	-2.46494
AK006645	1700039M15Rik	0.00082	-6.06838
AK006602	1700034M03Rik,BLM,C87205,mKIAA1861,8430415E05Rik	4.99E-16	-1.92071
AK012203	1700034H14Rik,2700002I20Rik	1.00E-18	-2.30543
AW557527	1700025G04Rik,AV212693,2900042O04Rik	3.70E-09	-1.94641
AK006309	1700024N20Rik,RIKEN cDNA 1700024N20 gene,1430477_s_at	8.44E-08	-6.63875
BC027007	1700022C21Rik,AI746295	6.54E-14	-4.76384
BC013506	1700021F05Rik	0	-2.44748
AK004510	1700020I14Rik,AI451541,AI585852,	5.63E-23	-1.99862
BC019205	1700020C11Rik,Mtp18,AV005788,RP23-81P12.9,2610507A21Rik	0	-11.3474
AV266242	1700016C15Rik	0.00004	-3.65374
BC019967	1700013L23Rik	0.00001	-4.53367
AK005950	1700013G20Rik	6.90E-27	-5.40886
W59405	1700012G19Rik,AI481330,MGC103027	0.00004	-2.4103
AK005786	1700008P02Rik	0.0006	-3.18652
AK005765	1700008G05Rik	0.00012	-2.01251
AV220213	1700003F17Rik	2.29E-06	-2.10635
NM_019975	1600020H07Rik,Hpcl	2.36E-09	-2.14107
AK005450	1600014C23Rik	0.00087	-4.27672
BC019834	1600014C10Rik,AI428873	0.00015	-2.54965
AK018782	1500034E06Rik,RP23-5O23.3	4.36E-11	-1.86137
BG915677	1500032L24Rik,MGC106724	4.90E-08	-1.55822
BC019519	1500032H18Rik	9.04E-07	-1.95451
BC013640	1500032D16Rik	6.01E-39	-2.58429
BB391156	1500016O10Rik,AI413816,AW060769,MGC103222,A330104J06Rik	0	-25.1822
AV154001	1500011K16Rik	0	-4.07223
AK005310	1500009M05Rik,AI848398,	3.01E-11	-1.89938
NM_025435	1500006O09Rik,Nif3I1bp1,9230101K24Rik	1.20E-10	-1.67104
NM_033146	1500005A01Rik,Cgi112	1.48E-23	-3.83537
BF462791	1500004F05Rik	1.26E-11	-3.71621
AW556858	1500004A08Rik,Crkd,Hgfl,RP23-191E3.6	0.00004	-1.67447
AK005121	1500002K03Rik	0.00028	-1.91807
BB251429	1500001A10Rik,mKIAA1853	0.00082	-11.72058
AK005048	1300018J18Rik,Selo	0.00065	-2.08626
NM_026183	1300013J15Rik,AI036982,RP23-451A6.3	5.94E-32	-9.05373
BF018217	1300010F03Rik,AI957255,mKIAA0564,4932416F07Rik	3.72E-08	-1.55196
AK004884	1300003K24Rik,AU041262,mKIAA1002	1.90E-14	-1.95436
AK004870	1300003B13Rik	0.00084	-1.68985
NM_025827	1300002A08Rik,Lonp,AU015403	1.57E-06	-1.53484
AK004841	1300001I01Rik,mKIAA0664,RP23-194P5.1	0.00025	-3.32653
BB222127	1200007D18Rik,MGC102406	2.99E-12	-9.0586
AV088109	1200007B05Rik,AI325987	4.69E-10	-1.84249
BC019364	1200006O19Rik,AI467579,lpla2(gamma)	8.12E-09	-1.53065
BC006902	1200006F02Rik	0.00035	-2.82962
BC002238	1200003C05Rik,AI256468	0.00002	-2.67666
NM_138743	1190017O12Rik,C21orf51	4.14E-13	-2.233
BB783125	1110067I12Rik,MGC130183,MGC130184	2.82E-17	-4.3374
BC019131	1110067D22Rik,A530071M23,RP23-455B19.1	1.06E-19	-2.64344
AK016797	1110061L23Rik,4933413A04Rik	1.16E-08	-1.88469
BF660249	1110059H15Rik,Znf650,AA409735,	0.00026	-1.67356
NM_026503	1110058L19Rik,C6orf57,AI847425,1700001E18Rik	4.33E-29	-2.43719
BB513634	1110054M08Rik,AI481106	2.68E-16	-10.68372
BB537625	1110051M20Rik,MGC4707,AI586322,MGC40841,E130006N16Rik	0.00071	-3.31418
NM_025410	1110049G11Rik,Eso3,lba2	7.53E-06	-1.62522
BM898643	1110048D14Rik	1.81E-06	-2.89649
AK004153	1110038D17Rik	9.20E-08	-2.74241
BB609668	1110035M17Rik	0.00002	-3.52049
NM_023483	1110032A03Rik,c11orf1,4930500N06Rik	6.81E-06	-1.62331
NM_025402	1110031I02Rik	6.12E-13	-2.9342
NM_024230	1110030K22Rik,CHASM	2.08E-13	-3.83144
AB054000	1110028A07Rik,Cg10671,AV010547,MGC129516,MGC129517	1.29E-12	-13.16583
BF681728	1110020P15Rik,AA960494,RP23-280J3.4	8.95E-08	-5.95186
BB277742	1110020G09Rik,4933430B08Rik	2.80E-45	-4.3065

BI737205	1110020A21Rik	6.14E-07	-3.97975
AK003783	1110018J23Rik,Al646761,2010003H22Rik	5.85E-10	-2.14116
BE570477	1110014K08Rik,D030012E24Rik	1.28E-08	-1.80457
AK003645	1110012N22Rik,MGC107698	3.37E-06	-6.96112
BC024574	1110012L19Rik	7.75E-22	-1.80658
AV156568	1110007M04Rik,AW214064,3000003G13Rik	3.30E-15	-2.21029
BG795169	1110007A06Rik,AJ237586,AW125795,MGC59617,MTA.D02.090	8.97E-09	-1.60459
BB477208	1110006I15Rik,C77652,AA958958	6.87E-32	-2.14605
AK003497	1110006G14Rik	3.48E-19	-10.21012
BC026936	1110005A03Rik,4933424L15Rik	2.75E-12	-2.40854
AV165159	1110004E09Rik	0.00048	-1.85405
AK003388	1110003O08Rik	0.00003	-5.64974
BB069531	1110003F05Rik	1.34E-07	-1.93985
BB701294	1110003E01Rik,MGC7185,1700127H04Rik,5430439C17Rik	0.00019	-1.63243
AK003325	1110002N22Rik,FLJ22729	9.56E-22	-2.92163
AV012778	1110001P11Rik,Al120487,RP23-338M9.5	0	-31.98996
NM_025363	1110001J03Rik	0	-7.96111
BB609468	1110001A16Rik	3.46E-14	-2.31957
BI525016	0910001L09Rik,AV006840	6.92E-08	-1.8181
BG071645	0610040D20Rik,Ed1,mED1,c11orf5,2900052N06Rik	4.91E-09	-1.69452
BB775176	0610039N19Rik,MMT-7,C80029,RetSat	1.24E-14	-5.87168
AV078077	0610038F07Rik,AA407634,AW049997,MGC61338	0.00002	-1.64923
BC011300	0610037P05Rik	1.34E-13	-2.10399
BG271102	0610031G08Rik	3.33E-11	-14.31031
BC021536	0610012G03Rik,Al839730	7.12E-14	-2.74252
AK007178	0610012D17Rik,2410011K15Rik	0.00053	-1.70992
AK002535	0610011F06Rik	6.60E-09	-4.10475
AV092359	0610010O12Rik	0.00085	-2.01586
AK002437	0610009O20Rik,2700004E22Rik	3.50E-14	-4.40883
BE370605	0610009L18Rik	0	-12.69272
BC019516	0610009K11Rik,AV000801	0.00048	-1.78208
AK016165	0610009I22Rik,4930557M15Rik,5730490M08Rik	1.22E-09	-2.20276
BF162362	0610009E20Rik,0610025L18Rik,RP23-263M10.8	1.54E-10	-1.7652
NM_025319	0610009B22Rik	1.80E-11	-1.99799
AK002320	0610008C08Rik,MGC130105,MGC130106,1110019O03Rik	0	-5.61596
BC003916	0610007P06Rik,I7Rn6,1110002N09Rik	2.10E-26	-2.34903
BE689422	0610007L01Rik,AW557951,A930023A16Rik,G430067H08Rik	2.46E-25	-2.01219
NM_025791	0610006I08Rik	6.51E-06	-1.75117

Supplementary Table 2 Genes up- and down-regulated in BCC (>1.5 fold and P-value < 0.001)

1451 genes up-regulated in BCC (>1.5 fold and P-value < 0.001)			
Accession #	Sequence Name(s)	P-value	Fold Change
AK008144	Zwint,Zwint-1,D10ErtD749e,2010007E07Rik,2600001N01Rik	0.00004	4.38846
BG072903	Zranb1,Gm1956,Trabid,D7Wsu87e,9330160G10Rik	4.09E-07	1.69839
BM221751	Znrf2,AU044205,MGC129274,MGC129275,	0.00011	2.25865
BC026751	Znhit1,ZNFN4A1,2700001K05Rik	7.20E-09	2.55782
BB832996	Zmynd11,2210402G22Rik	2.91E-20	1.55573
AI326272	Zipro1,RU49,Zfp38,Zfp-38,CTfin51,Al326272	0.00001	2.04959
BC019521	Zfyve21,C85416,AW558780,1110013H04Rik	0.00015	2.28169
NM_011767	Zfr,C920030H05Rik	0.00008	2.62838
U62907	Zfp95,hKraba1,Al132486,Al326970	0.00008	2.8785
NM_011764	Zfp90,NK10,Zfp64,Zfp83,KRAB17,mKIAA1954,6430515L01Rik	3.21E-06	4.99707
BM230481	Zfp82,mszf3,KRAB16,A030010D05	0.00032	2.42421
NM_009564	Zfp64	0.00001	3.59639
BC003941	Zfp639,ZASC1,ANC-2H01,6230400O18Rik	4.46E-09	2.19788
BC022935	Zfp62,Al227021	8.98E-11	3.63169
AV270881	Zfp597,Al462383,Al666357,MGC118564,4933407K12Rik	0.00039	1.51421
BB668116	Zfp592,mKIAA0211,8430405N24,A730014M16Rik	6.59E-06	1.81265
BC019790	Zfp566,mszf4,2700043M03Rik	4.27E-19	6.70687

BB404446	Zfp532,mKIAA1629,C530030I18Rik	0.00002	1.89899
BM119467	Zfp496,Nizp1,BC040205,MGC36538,D130067D09,RP23-210M6.6	0.00006	2.74004
BI729900	Zfp445,ZNF168,mszf29,mszf50,AW610627	0.00006	2.37145
BM227942	Zfp422-rs1,AI842447,Krox-25-2,	0.00007	2.32404
BC004747	Zfp386,Kzf1,KIAA4205,mKIAA4205	9.76E-08	2.25112
NM_009554	Zfp37,Tzn,Zfp-37,AV042165	0.00074	3.15776
BB031791	Zfp36I2,Brf2,ERF2,Tis11d	7.43E-19	2.49393
M58566	Zfp36I1,Brf1,ERF1,cMG1,Berg36,TIS11b	0.00068	1.57582
BB818501	Zfp364,AU042696,2610028E05Rik	0.00051	1.74673
NM_018759	Zfp326,ZAN75,5730470H14Rik	3.67E-06	1.99938
BB476317	Zfp319,AI225750,AI413472,KIAA1388,mKIAA1388	0.00009	3.36943
NM_013705	Zfp30,Zfp-30,2610306P15Rik	1.05E-08	15.52919
AV071650	Zfp281,MGC7737,MGC70044	6.19E-08	2.32387
AK018372	Zfp278,Mazr,PATZ,AI447519,8430401L15Rik	0.00001	2.11121
BC019962	Zfp275,DXPas8,DXBay20,DXHXS52,AI593314,5430431L06Rik	0.00075	1.75618
AK018207	Zfp262,MYM,CDIR,Znf262,	0.00011	1.61065
L36316	Zfp260,Ozrf1,Zfp63,AI480997	3.06E-17	4.16605
AW987152	Zfp217,Gm562,ZABC1,Znf217,AW987152,4933431C08Rik	0.00002	2.81792
BC006693	Zfp212,Znf212,mKIAA3011	0.00003	1.76568
BB622498	Zfp207,Zep,8430401D15Rik	0.00012	5.01538
X98096	Zfp148,BERF-1,BFCOL1,ZBP-89,	1.70E-10	2.47205
NM_009542	Zfp101,AI316498,AI325003	0.00003	1.74605
BC013555	Zcchc8,5730565F05Rik	1.18E-14	1.98844
BM125518	Zc3h7b,Gm627,Scrg3,Zc2h7b,mKIAA1031	0.00005	2.689
AV328883	Zc3h11a,KIAA0663,Zc3hdc11a,	0.00097	2.53761
BB751546	Zbtb20,HOF,DPZF,Oda8,ODA-8S,Zfp288,	0.0001	3.07019
BB703880	Zbed3,AU018975,AU024588,0610037K01Rik,2610005H11Rik	0.00036	2.44796
AV027921	Ywhaz,AI596267,AL022924,AU020854,1110013I11Rik	8.28E-07	2.36408
BB455932	Ythdf2,HGRG8,NY-REN-2,9430020E02Rik	1.69E-06	1.53326
AI481820	Ythdc2,BC037178	1.75E-11	1.87764
BG069663	Ypel2,RP23-188E9.1,E130113K08Rik	0.00061	2.16514
BC013620	Ybx1,MSY1,Nsep1,C79409,mYB-1a,MGC118070,1700102N10Rik	4.99E-13	1.66151
AV337591	Xpr1,XR,Sxv,Rmc1,Syg1,Rmc-1	0.00006	1.53576
BC014727	Wwtr1,TAZ,C78399,2310058J06Rik,2610021I22Rik	4.22E-07	1.56461
NM_019573	Wwox,WOX1,5330426P09Rik,9030416C10Rik	0.00009	4.44875
NM_030215	Wrnip1,WHIP,Wrnip,4833444L21Rik	3.92E-12	2.20613
AV273409	Wnt9a,Wnt14	0.00077	3.57608
BC004048	Wif1,AW107799	7.84E-07	6.42879
BG075255	Whsc2,NELFA,Whsc2h	0.00045	1.75478
BB199080	Wdr79,BC021790,MGC28622,RP23-56I20.3	1.19E-06	3.57044
NM_031392	Wdr6	0.00001	3.58916
AK002371	Wdr57,Prp8bp,0610009C03Rik	1.75E-09	1.64647
BB123403	Wdr42a,H326,C76055,D1Ucla4,	0.00054	1.52286
AK004644	Wdr1,D5Wsu185e	0.00004	1.63449
BC007478	Wbp5,AL024233	6.51E-10	1.61937
C76969	Waspip,WIP,AI115543,D2ErtD120e	0.00083	2.10515
BF466143	Wasl,N-WASP,2900021I12Rik,3110031I02Rik	0.00008	3.41165
BM207372	Wasf2,WAVE2,AW742646,D4ErtD13e	5.48E-12	1.55129
NM_031877	Wasf1,Scar,WAVE,WAVE-1,AI195380,AI838537	0.00058	2.16564
AW556980	Wac,Wwp4,AI256735,AI256776,1110067P07Rik,A230035H12Rik	0.0002	2.17879
BB429200	Vps52,ARE1,Sacm2I,D130068D18,D430041K17Rik	0.00036	3.29245

M24849	Vim,MGC102095	4.32E-38	3.2119
AV308858	Vezf1,db1,AI848691,AW046909	2.38E-22	1.9862
AV290079	Vdr,Nr1i1	6.90E-09	4.10827
NM_009502	Vcl,AA571387,AI462105,AW545629,9430097D22	5.20E-23	1.50754
BC024687	Vangl1,Lpp2,STB2,stm,mStbm,KITENIN,strabismus	0.00019	2.38075
AI661876	Utrn,DRP,Dmdl,AA589569	0.0003	4.62287
BM235696	Usp34,Murr2,A530081C03Rik	0.00065	1.88127
BB206180	Usp32,Car4,AW045245,2900074J03Rik,6430526O11Rik	0.00019	1.87529
BC018179	Usp1,MGC25559	2.30E-11	3.33539
BB219662	Upk1b,UPIb,Upk1,Tspan20,AI413235	0.00087	3.76374
AW108044	Ucp2,Slc25a8	1.49E-07	7.77835
AV174556	Ubx4,MGC7992,6330407P03Rik	0.00079	4.18384
NM_133777	Ube2s,E2-EPF,AA409170,MGC101982,0910001J09Rik,	0.00028	3.16604
BM247269	Ube2q,NICE-5,PRO3094,AI854014,1110002C01Rik,2310012M18Rik	0.0005	1.93374
AW120830	Ube2e3,Ubce4,ubcM2	0.00007	1.6699
NM_019912	Ube2d2,ubc4,Ubc2e,1500034D03Rik	0.00049	1.54771
BI653033	Ubc,TI-225,AI194771,2700054O04Rik	6.69E-08	1.71608
AK003190	Ubb,Ubb2,AL033289	2.51E-29	1.50321
BI408204	Ubp2I,C77168,Nice-4,	1.09E-06	1.63731
AK004595	Tyki,TDKI,1200004E04Rik	0.00069	3.39626
AF173681	Txnp1,THIF,VDUP1,mVDUP1,Hyplip1,AA682105,1200008J08Rik	0.00073	3.47023
BC004850	Twsg1,Tsg,Twg	5.95E-11	1.53201
NM_007855	Twist2,Dermo1	1.23E-08	2.0816
NM_011657	Tulp3,AI316887	9.18E-10	3.51206
BB387906	Tubgcp2,1700022B05Rik	2.57E-14	1.70953
NM_011655	Tubb5,AA408537,AI596182,M(beta)5,B130022C14Rik	2.23E-37	1.9616
BF585303	Ttyh2,1110001A03Rik	1.06E-07	2.28925
BC025435	Ttc4,L62,AF007005,2810002P21Rik	0.00001	2.26184
BB833716	Ttc3,TPRD,	0.00001	2.29607
NM_031201	Tsta3,FX,AI256181,Tstap35b,MGC113801	0.00012	1.94678
AV325152	Tsply3,Gm36,AW212607,MGC58351	0.00001	4.45237
AF042180	Tsply1,Tsply	0.00009	1.51933
BC007185	Tspan2,AW048009,6330415F13Rik,B230119D02Rik	0.00011	2.46599
BB732603	Tspan11,1110014F12Rik	7.28E-09	5.43053
AV320241	Trpm7,CHAK,CHAK1,Ltpr7,Ltrpc7,TRP-PLIK	7.88E-08	2.2518
NM_011641	Trp63,Ket,p63,Trp63,p73L,TAp63,p51/p63,AI462811,Trp53rp1,	1.18E-35	1.57556
BB080177	Trio,AA408740	5.77E-13	3.35786
BG063064	Trim8,GERP,Rnf27,AA408830,BB006755	0.00018	7.44261
AF230385	Trim32,1810045E12Rik	5.83E-08	2.52579
BC027353	Trim29,AI119726,1110047J21Rik,2810431N19Rik,4732461M22Rik	0.00041	1.5666
NM_011588	Trim28,KAP-1,Tif1b,KRIP-1,AA408787,Tif1beta,MGC102100	2.62E-34	2.34474
AF230395	Trim26,Zfp173,Zfp1736,AI462198	0.00017	3.30758
BB354684	Trib2,TRB-2,AW319517	2.31E-24	5.00962
BG067120	Traf3ip2,Act1,AI429613	0.0002	4.45646
BE995678	Tra1,gp96,ERp99,GRP94,Tra-1	0.00083	2.44028
NM_013837	Tpst1,R75054	3.98E-06	1.82208
AW554765	Tpr,C77892,2610029M07Rik	9.30E-21	2.54116
AK003186	Tpm2,Tpm-2,Trop-2	0.00009	1.73679
M22479	Tpm1,Tmpa,Tpm-1,AA986836,alpha-TM	3.61E-07	2.30717
BQ177165	Tpbq,5T4,AW495680	2.07E-07	2.43023
BF018714	Topors,LUN,TP53BPL,AW105885,p53BP3/LUN	1.26E-06	5.15206

BB166592	Top2b,Top-2,D230016L12Rik	2.53E-06	1.71347
BB200147	Tns4,Cten,AU016405,9930017A07Rik	0.00049	3.76278
BB795102	Tnrc6c,mKIAA1582,9930033H14Rik	0.00096	1.51088
BG067897	Tnrc6b,MGC28739,A730065C02Rik,D230019K20Rik	0.00005	2.25088
BI080625	Tnrc6a,Tnrc6,CAGH26,A	1.19E-06	2.38146
AV306751	Tnpo3,C81142,Trn-SR,	2.08E-12	5.4291
BI696984	Tnpo1,MIP,TRN,IPO2,MIP1,Kpnb2,AU021749,D13Erd688e	0.0002	2.19439
BB042052	Tnks2,AA517131,Al662480,5430432P15Rik	0.00015	3.54149
NM_031880	Tnk1,Kos1	7.73E-09	3.90157
BB366863	Tnfrsf22,SOBa,Tnfrh2,Tnfrsf1a2,mDcTrailr2,	0.00014	2.90449
AF229434	Tnfrsf18,AITR,Gitr	0.00047	2.08228
BM241351	Tnfaip3,A20,Tnfp3	0.00024	3.63722
AA153892	Tmpo,TP,LAP2,	8.02E-15	1.55889
BB224629	Tmod3,UTMOD,U-Tmod	2.51E-08	5.79809
BB325257	Tmpai,STAG1,N4wbp4,PMEP1,AW455466,2210418I02Rik	1.53E-12	6.49596
AW489972	Tmem64,Al790744,AV300874,9630015D15Rik	0.00002	2.63894
Al505784	Tmem47,BCMP1,Tm4sf10,Al115536,3010015F07Rik	0.00035	1.95602
BC024118	Tmem46,9430059P22Rik	2.14E-11	3.46098
AV290482	Tmem17,Al503894,AW049890,MGC40971,RP23-401L13.4	5.02E-07	5.85071
BG074632	Tmem16f,AA407480,AW554778,2900059G15Rik,F730003B03Rik	0.00021	2.05218
AK004359	Tmcc2,KIAA0481,1110063G11Rik	7.84E-15	6.35126
BB428982	Tmc7,C230064B05,C630024K23Rik	6.49E-09	2.52211
BM240385	Tm6sf1,Al428514,BC023123,MGC25583,C630016D09Rik	0.00043	1.68058
AV049820	Tipr1,1810011K17Rik	2.86E-06	2.01879
BB707122	Tiparp,DDF1,PARP7,PARP-7,AW558171	1.06E-10	4.77427
BI111620	Timp3,Timp-3	0.00007	4.39325
M93954	Timp2,Timp-2,D11Bwg1104e	0.00095	2.70988
BM230269	Timeless,tim,C77407,Debt69	0.00012	3.41008
BG518542	Tia1,mTIA-1,Al256674,2310050N03Rik	0.00057	1.97069
AV028402	Thy1,CD90,Thy-1,Thy1.1,Thy1.2,Thy-1.2	0.00083	1.57306
BB350618	Thtpa,AW122966,MGC38198	0.00004	2.21738
BG075035	Thrap3,Trap150,	1.05E-10	2.73618
BB703762	Thoc2,Tho2,Gm1139,Gm1793,6330441O12Rik,D130005M13Rik	0.00001	2.91039
NM_011582	Thbs4,TSP-4	0.00025	5.5722
AW556273	Tgif2,C80753,C81206,4921501K24,5730599O09Rik	9.03E-18	4.05193
NM_009372	Tgif,AA959811,Al462167	4.05E-30	5.10358
BB465968	Tgfr2,DNIIR,RIIDN,AU042018,TbetaRII,TbetaR-II,1110020H15Rik	0.00022	3.70279
BM248342	Tgfr1,ALK5,Alk-5,TbetaRI,AU017191,TbetaR-I	9.78E-11	1.67879
AF004833	Tfpi,EPI,LACI,AW552122,A630013F22Rik	0.0005	2.0195
BM246377	Tfdp2,DP3,DP-3,A330080J22Rik	0.00005	1.94221
BC003808	Tes,TESS,Tes1,Tes2,testin2,D6Erd352e	3.12E-08	2.34678
BC017641	Terf2ip	0.00006	2.81208
NM_009353	Terf2,TRF2	0.00057	1.65725
D50563	Tead2,ETF,Etdf,TEF4,TEF-4,TEAD-2	0.00002	3.9705
AK014855	Tdp1,SCAN1,	0.00009	3.33849
NM_011561	Tdg,Jza1,JZA-3,E130317C12Rik	0.00004	1.67968
U81030	Tcof1,treacle,AA408847,AW209012	9.07E-06	2.88051
AF352579	Tcfe2a,A1,E12,E2A,E47,ME2,ALF2,Pan1,Pan2,TCF3,VDIR	3.62E-07	4.1505
AV334599	Tcfap2b,Al606113,AP-2(beta),E130018K07Rik	0.0001	3.47644
BB065975	Tcf7l2,Tcf4,TCF4B,TCF4E,Tcf-4,mTcf-4B,mTcf-4E	0.00038	8.2788
U16321	Tcf4	5.82E-07	2.23697

BE994269	Tcf3,Tcf-3,Tcf711	2.88E-11	9.38046
AW552808	Tcf20,SPBP,mKIAA0292,2810438H08Rik	0.0002	1.71641
BB540782	Tcf12,HEB,ME1,REB,ALF1,HTF4,HTF-4	6.55E-09	2.91933
AW046403	Tcerg1,p144,Taf2s,ca150,CA150b,FBP 23,	0.00005	2.15316
AI019214	Tceb1,AA407206,AI987979,AW049146	0.00031	1.70239
AK012980	Tbx18,2810012F10Rik,2810404D13Rik	1.37E-20	8.1838
NM_009323	Tbx15,de,Tbx8,Tbx14	1.30E-10	12.1044
AF326960	Tbx1	0	7.01482
BF682509	Tbl1x,Tbl1,5330429M20	5.93E-18	2.99046
BG967046	Tbc1d2,PARIS1,PARIS-1,BC022630	0.00077	2.46815
BC008166	Tax1bp3,TIP-1,1300011C24Rik,RP23-263M10.10	1.01E-11	2.57873
BE691515	Tap2,Y1,APT2,Ham2,MTP2,PSF2,ABC18,Abcb3,Ham-2,Tap-2	1.22E-10	4.83182
C76322	Tagln2,Sm22B,Sm22a,KIAA0120,SM22beta,2700094C18Rik	0.00041	2.26159
BC005618	Tacstd1,EGP,Ly74,TROP1,Egp314,Ep-CAM,Tacsd1,GA733-2	1.78E-15	2.44266
NM_011524	Tacc3,Aint,C86661	0.0001	2.02532
BC004057	Tacc2,KIAA4180,mKIAA4180	4.96E-13	1.65024
BQ176888	Tacc1,AA960202,4833447E04Rik,B230378H13Rik	0.00042	1.89073
BB426294	Synpo,AW046661,9330140I15Rik	4.40E-06	5.17324
BE944213	Synj2,SJ2,AI481647,mKIAA0348	0.00007	2.77759
BF582734	Syne2,NUA,AW546258,MGC96690,	8.62E-10	2.00391
BG066761	Syncrip,pp68,Nsap1,Nsap1l,GRY-RBP,	0.00003	1.78911
AV024531	Swap70,70kDa,AV235546	0.00029	2.80796
BG066534	Suz12,AI195385,AU016842,AW536442,	2.13E-09	3.01235
AF193862	Suv39h1,mIS6,AI852103,AL022883,DXHXS7466e	1.31E-06	2.08953
BF122782	Surf4,Surf-4,AL033340,AL033373	0.00008	1.74281
AW536705	Supt16h,Cdc68,Spt16,Fact140	0.00032	1.53901
AJ308624	Sufu,Su(fu),2810026F04Rik	0.00003	1.74896
BI143915	Stx8,CARB,0610007H08Rik,1110002H11Rik,4930571E13Rik	0.00002	2.79013
BQ174465	Stx6,AI415714,AI845861,2310039E05Rik,2410005I16Rik	1.37E-09	1.56238
BB004503	Stim2	0.00012	2.01121
AY029778	Steap4,Tiarp,Tnfaip9,AI481214,dudulin 4,1110021O17Rik	0.00005	2.55891
NM_021448	Statip1,Elp2,StIP1,AU023723	0.00006	2.93223
AI325183	Stat3,Apf,AW109958,1110034C02Rik	0.00055	2.83923
BB229853	Stat1,AA408197,2010005J02Rik	0.00033	3.03384
BQ174473	Stag1,SA-1,AU045003	1.82E-07	5.8245
BG071333	St8sia2,STX,Siat8b,AI323367,ST8Siall	0.00002	4.75679
BC024835	Ssrp1,T160,Hmgox,C81323,Hmg1-rs1,Hmgi-rs3	0.00049	1.96932
BC021484	Sspn,Krag	0.00032	1.67936
BB038915	Ssh2,SSH-2,mSSH-2L,BB104748,BC030940	3.98E-09	1.92809
AV295012	Ssbp3,LAST,SSDP1,AI854733,AW551939,	0.00008	2.60027
AY037837	Ssbp2,SSDP2,Hspc116,AU067692,AW558684	0.00082	2.44355
BG071865	Srrm1,POP101,Srm160,AA407769	4.86E-09	1.61152
AB028050	Srpx,drs,drs-1,mDRS-1,mDRS-2	6.05E-10	3.14114
BG805074	Srpk2,Wbp6,mSRPK2,AW226533,AW492537,AW547358	0.00003	1.86271
BG868120	Src,AW259666,pp60c-src	0.00024	2.51705
BM232298	Sqstm1,Osi,p62,A170,STAP,OSF-6	0.00026	1.66478
NM_011475	Sprr2i	3.24E-06	5.90626
AV229054	Spred2,C79158	3.73E-12	1.68548
AK017680	Spred1,AL024345,AW047647,5730461F13Rik	0.00002	2.76209
BQ175871	Spon1,AI666765,AW455831,BC020531,D330035F22Rik	0.00008	4.22086
BB292231	Spnb3,KIAA0302,MGC99874,mKIAA0302	8.08E-07	2.42109

BM213516	Spnb2,elf1,elf3,SPTB2,SPTBN1,Spnb-2,AL033301,	8.34E-19	6.91604
AK011566	Spna2,brain,Spna-2,2610027H02Rik	0.00051	1.68216
BB095517	Spg21,MAST,ACP33,GL010,BM-019,C78576,D9Wsu18e	0.00008	1.68982
BQ175052	Specc1,KIAA4061,mKIAA4061,2810012G08Rik	1.69E-06	2.08158
BC023432	Spats2,p59,59kDa,Scr59,2700012F11Rik	0.00021	1.91454
AK004607	Sp3,MGC105187	4.01E-06	2.21197
BC021759	Sp2,mKIAA0048,493048016Rik	5.25E-06	2.7181
BG916549	Sp1,Sp1-1,AA450830,AI845540,1110003E12Rik	6.91E-09	1.99068
BC024958	Sox9,AV220920,KIAA4243,mKIAA4243,2010306G03Rik	1.26E-09	2.2617
BG083485	Sox4,Sox-4,AA682046	0	3.28573
NM_009236	Sox18,Ra,Ragl,AI385749	8.89E-06	11.47888
NM_011439	Sox13,Sox-13,AA407916,AW259412,AW540933	0	20.66719
BC021458	Sostdc1,Sostl,ectodin,0610006G05Rik	1.56E-15	6.34958
BM211445	Sost,5430411E23Rik	0.00007	2.58392
AK013519	Sorl1,LR11,gp250,mSorLA,AI596264,AW261561,2900010L19Rik	4.34E-12	5.11084
NM_030889	Sorcs2,N28137,mKIAA1329	0.00011	6.06247
BM244966	Son,C81487,AA409051,mKIAA1019,2900011L12Rik	0.00031	1.86728
AA510713	Socs5,Cish5,KIAA0671,mKIAA0671,1810018L08Rik	4.33E-08	1.62815
BB241535	Socs3,CIS3,Cish3,EF-10,SSI-3,SOCS-3	0.00018	1.89733
AK011015	Snx7,MGC107328,2510028H01Rik	2.19E-07	4.55539
AI836293	Snrpn,SMN,Peg4,HCERN3,MGC18604,MGC30325,2410045I01Rik	0.00027	3.46261
NM_009225	Snrpb,SMB,SM-B,SM11,SNRNP-B,AU018828	0.00004	1.59987
BB487754	Sned1,SST3,Snep,AI197264,AI642697,6720455I24Rik	0.00004	4.1655
BF117241	Snape3,AI414457,1810020H02Rik,4930558A07Rik	1.72E-10	1.97805
NM_011415	Snai2,Slug,Slugh	3.11E-06	1.8076
AV344473	Snag1	5.87E-16	1.65552
AK010447	Smyd3,Zmynd1,2410008A19Rik	2.26E-06	2.37858
U76372	Smyd1,Bop,C78565,Zmynd18,4632404M21Rik	0.00059	2.62891
BF578669	Smtn,smsmo	2.01E-12	2.92789
NM_009214	Sms,Gy,gyro,AI427066	0	12.03521
NM_009213	Smpd2,nSMase,nSMase1,AW108287	0.0004	2.08972
BC004831	Smox,PAO,SMO,PAOh1,B130066H01Rik	3.82E-08	3.49488
NM_022315	Smoc2,Smoc2l,1700056C05Rik,5430426J21Rik	1.81E-09	3.15099
AW555326	Smo,bnb,Smoh,D13Mgi8,E130215L21Rik	7.69E-12	2.85691
BG071121	Smndc1,MGC106917,2410004J23Rik,4933440I19Rik	0.00081	2.15785
AU022584	Smc6l1,SMC6,AU018782,AW742439,KIAA4103,MGC96146,	1.45E-06	2.45014
AV257384	Smc5l1,SMC5,MGC7569,MGC30442,mKIAA0594	5.25E-14	2.33867
BI665568	Smc4l1,C79747,2500002A22Rik	0.00001	1.98386
AK018493	Smarce1,Baf27,2810417B20Rik,5830412H02Rik,9030408N19Rik	9.81E-09	1.61728
BI558117	Smarcc1,Rsc8,SRG3,BAF155,AI115498	1.03E-07	2.40994
NM_011418	Smarcb1,Ini1,Snf5,Baf47,AU020204,MGC132387,SNF5/INI1	0.00012	1.84649
BI661719	Smarca5,Snf2h,4933427E24Rik,D330027N15Rik	4.13E-06	1.61648
AK004804	Smad4,DPC4,Madh4,D18Wsu70e	4.78E-10	3.66303
BI646741	Smad3,Madh3,AU022421	0.00029	1.81351
NM_008539	Smad1,Mlp1,Madh1,Madr1,MusMLP,AI528653	1.65E-07	4.40851
NM_011414	Slpi	0.00003	4.2824
NM_032008	Slmap,Slap,KIAA1601,mKIAA1601,D330001L02Rik	6.66E-06	2.33281
BM570006	Slit3,Slil2	3.94E-16	3.34751
AV348121	Slco4a1,OATP-E,MGC28799,MGC28824,Slc21a12	0	29.58858
AV375182	Slco4a1,OATP-E,MGC28799,MGC28824,Slc21a12	1.06E-35	20.88155
NM_033314	Slco2a1,Pgt,mPgt,Slc21a2,2310021C19Rik	3.64E-22	3.40473

BB547620	Slc7a6,LAT3,LAT-2,AI643885	0.00021	2.63981
BB433596	Slc7a2,Tea,Cat2,Atrc2	5.74E-09	3.48685
NM_008202	Slc39a7,KE4,Ke-4,Ring5,H-2Ke4,H2-Ke4,	8.17E-06	2.20114
AV369681	Slc39a3,Zip3,MGC7461,AI845814,MGC109671	0.00063	2.0014
BB399837	Slc39a14,fad123,BC021530,MGC38539,G630015O18Rik	0	6.36103
AI854658	Slc35e3,AI481200,9330166G04Rik	9.02E-07	2.1536
AI156620	Slc27a1,Fatp,FATP1	0.00024	2.07027
BC026925	Slc25a4,Ant1,AU019225	0.00007	1.51089
AU043080	Slc25a26,Slc25a6,AW557176,D6Bwg0781e	3.73E-07	4.90049
BF578055	Slc25a24,2610016M12Rik	0.00012	3.96083
NM_009195	Slc12a4,KCC1,RBCKCC1,AW546649	2.44E-07	3.11615
BG069505	Slc12a2,Nkcc1,mBSC2,sy-ns	0.00004	4.32775
AV259620	Skp2,FBXL1,MGC102075,MGC116668	0.00004	2.89051
AK019148	Ski,MGC8300,AA062172,AA589460,	0.00012	1.93593
NM_013929	Siva,CD27bp	2.04E-10	4.99357
AV332957	Shox2,OG12,Prx3,SHOT,Og12x,6330543G17Rik	4.49E-11	4.03051
AF237702	Shmt1,Shmt,mshmt,C81125,mshmt1,mshmt2,AI324848,AI385541	8.15E-11	3.03527
AV353605	Shc4,RaLP,Gm685,6230417E10Rik,9930029B02Rik	0.00045	2.40612
BB753533	Shc1,Shc,p66,ShcA	0.00035	2.48823
BG072612	Sh3md2,Posh,R75531,2200003J05Rik	8.74E-07	10.34742
AK012114	Sh3gl3,EEN-B2,SH3P13,Sh3d2c,Sh3d2c2,MGC118269	0.00023	4.57752
NM_133816	Sh3bp4,BOG25,AI594717,AW227605	4.41E-17	6.22437
NM_019989	Sh3bgrl,1190008F14Rik	6.00E-24	1.80795
NM_011361	Sgk,Sgk1	0.00051	1.86523
AI844814	Sgcb,43kDa,beta-SG,AI747103,AI844814	0.00074	2.16225
BB278628	Sfrs8,SWAP,AI197402,1190005N23Rik,6330437E22Rik	0.00001	2.59192
AW539046	Sfrs6,AI314910,AW146126,1210001E11Rik	8.78E-08	1.93075
AW212917	Sfrs5,MGC96781	2.33E-07	1.89648
NM_020587	Sfrs4,AW550192,MNCb-2616,5730499P16Rik	3.51E-07	1.6439
AK012092	Sfrs2ip,SIP1,CASP11,SRRP129,AI462454,	1.15E-14	3.92931
AK011528	Sfrs2,SC35,MRF-1,Pr264,Sfrs10,D11Wsu175e	9.91E-06	2.35949
X66091	Sfrs1,AI482334,AW491331,1110054N12Rik,5730507C05Rik,	1.33E-07	3.09087
BF224766	Sfpq,PSF,MGC101933,D4Erttd314e,111	0.00003	2.10061
BC006603	Sf3b5,10kDa,Sf3b10,AU043053,1110005L13Rik	0.00072	1.54798
NM_133953	Sf3b3,RSE1,SAP130	5.95E-07	1.63673
BE951504	Sf3b1,TA-8,Prp10,Targ4	4.27E-14	3.56129
AK015776	Sf3a3,60kDa,MGC103282,4930512K19Rik	7.68E-08	2.6031
BC009091	Sf1,MZFM,WBP4,CW17R,Zfp162,BB094781	6.52E-07	2.3059
BB131588	Sesn3,SEST3,MGC7182,BC003348,5630400E15Rik	0.00002	2.82298
BQ174721	Sertad4,4833404A09,C130018M11Rik	8.29E-37	2.51149
NM_021372	Sertad2,AB041541,AU021878,Kiaa0127,TRIP-Br2,MNCb-1504	6.72E-06	2.03793
AF251276	Serpini2,1810006A24Rik	3.66E-08	4.37931
BI220012	Serpinh1,J6,Cbp1,Cbp2,gp46,Hsp47,BERF-1,Serpinh2,colligin	0.00002	3.09383
AW553625	Serpinb6a,Spi3,AI876477,Serpinb6,ovalbumin	0.00001	2.10152
BM239422	Serinc1,Tde2,Tms2,TMS-2,Tde1l,AI315070,mKIAA1253	6.14E-10	2.38701
NM_017380	Sept9,Msf,MSF1,Sint1,PNUTL4	5.27E-10	4.79297
AY043488	Sepm,SelM,A230103K18,1500040L08Rik	0.00002	2.41223
BG066990	Senp6,Susp1,MGC38009,mKIAA0797,2810017C20Rik,	2.83E-07	2.32807
AV375653	Sema5a,semF,Semaf,AI464145,5930434A13,9130201M22Rik	1.49E-18	7.64372
BB535044	Sema3g,AK129018	9.95E-06	7.18549
BM222383	Sec31l1,ABP125,ABP130,SEC31A,HSPC275,AU042160,	1.41E-14	1.94457

AK013962	Sdhd,C78570,AVLL5809,PRO19626,3110001M13Rik	1.25E-07	1.60427
NM_025321	Sdhc,AI316496,AU019277,MGC103103,0610010E03Rik	0.00023	1.77445
AV227603	Sdcbp,Sycl	0.00041	1.8897
BC005679	Sdc4,Synd4,AA959608,AW108331,ryudocan,syndecan-4	4.60E-08	2.1689
BI788645	Sdc1,Synd,CD138,Synd1,syn-1,AA408134,AA409076	0.00025	1.67315
BB271761	Scyl1bp1,AI467484	4.14E-06	1.58613
BM932452	Scoc,AA415030,0610011C06Rik,2810002J11Rik	0.00032	1.71081
NM_011326	Scnn1g,[g]ENaC	1.09E-06	6.09093
NM_011325	Scnn1b	3.02E-18	7.93475
AB030906	Scmh1,Scml1,Scml3,AI315320,AI851618	2.81E-07	3.41887
BB138434	Scarb1,CD36,Cla1,SRBI,Srb1,Cla-1,SR-B1,SR-BI,Cd36I1,mSR-BI	0.00016	3.65028
BI412871	Scap,mKIAA0199,9530044G19	0.00036	1.71862
BG065326	Sbno1,sno,Sbno	2.33E-13	1.66303
BC025837	Sbk1,Sbk	9.35E-08	3.88334
NM_021788	Sap30,30kDa	9.75E-06	1.57053
BB141248	Sacm1,SAC1,Sac1p,mKIAA0851	0.00003	2.46141
BI452674	S100pbp,AI851343,S100pbpr,4930429A08Rik	0.00003	1.96115
NM_009114	S100a9,p14,Cagb,GAGB,L1Ag,BEE22,MRP14,60B8Ag,AW546964	1.31E-20	29.14233
NM_013650	S100a8,p8,B8Ag,CFAg,Caga,MRP8,CP-10,60B8Ag,AI323541	8.75E-27	10.31785
BB450829	S100a10,42C,p10,p11,CAL12,CLP11,Cal1,AA409961,AL024248	2.46E-08	6.55851
M98547	Ryk,Vik,ERK-3,AW536699	3.12E-15	2.99061
AK010548	Rybp,YEAF1,MGC62213,2410018J24Rik	0.00014	2.31968
NM_019685	Ruvbl1,Tip49a,Pontin52,2510009G06Rik	0.00007	1.54454
D14636	Runx2,Cbf,LS3,AML3,Osf2,Cbfa1,Cbfa-1,PEBP2aA	1.45E-06	3.80207
NM_009821	Runx1,AML1,Cbfa2,Pebp2a2,Pebpa2b,AI462102	1.32E-09	5.95481
BB648600	Rtn4,ASY,NOGO,NSP-CL	3.90E-04	1.90123
AK014540	Rsn,CYLN1,C81039,Clip50,	0.00004	4.52053
BM239987	Rsl1d1,C76439,2410005K20Rik	0.00003	2.13042
AV139821	Rpl13,L13	4.17E-16	1.55691
AK012979	Ror1,mRor1,Ntrkr1,2810404D04Rik	1.44E-06	3.79431
BI662863	Rock1,Rock-1,1110055K06Rik	4.32E-09	1.71497
BB366379	Robo2,mKIAA1568,	0.0034	1.67871
NM_019996	Rnuxa,p55,Phax,	0.00067	1.62646
BB809469	Rnps1	1.59E-07	1.51463
BB203348	Rnpc2,caper,R75070,1500012C14Rik,2310040E03Rik	0.0001	8.16499
AK011864	Rnf38,Oip1,AA673263,1700065B19Rik,2610202O07Rik	2.09E-07	1.63049
BC020122	Rnf2,dinG,Ring1B,AI326319,AI450156,AU019207	1.28E-09	1.72714
AK017523	Rnf167,AU019305,AV328608	3.56E-13	1.85617
AK011088	Rnf130,GP,G1rp,G1RZFP,GOLIATH,2510042A13Rik	1.97E-09	1.77103
BB441213	Rnf12,Ha1r,RLIM,AL022832,AW743871	6.80E-06	2.69956
BI656279	Rkhd2,BM-013,BC035207	6.93E-11	1.5825
AF309564	Rhoj,TCL,Arhj,TC10L,AW210585,1110005O19Rik	0.00001	3.57426
BB005249	Rhbdl6,4732465117Rik	3.92E-08	6.71424
BM118307	Rhbdl4,Vrho,Rhomr1,AI847581,Ventrhoid	0.00004	4.69025
BC027346	Rhbdl1,Dist1,C16ORF8,Egfr-rs,KIAA4242,mKIAA4242	0.00029	1.76791
AF215668	Rgs2,GOS8	0.00024	1.73059
BC003838	Rgs19,GAIP,AI324841,AW547781,2610042F04Rik	0.00009	2.0078
AK004310	Rgmb,DRAGON,1110059F19Rik	0.00028	1.97346
BB827685	Rgma,BC059072,MGC38550,MGC69915,C230063O06	2.55E-08	2.32558
AK013095	Rfc3,38kDa,AU022547,2810416I22Rik	0.00001	3.08724
BF471533	Ret,PTC,RET9,RET51	0.00006	4.21876

BI153474	Rest,NRSF,2610008J04Rik	1.15E-06	2.56906
BC026463	Rerg	2.79E-13	5.50338
AW556696	Rere,ARG,ARP,Atr2,DNB1,ATN1L,AI414665	3.75E-08	1.85996
NM_009041	Rdx,AA516625	1.75E-07	1.52484
BC025602	Rcn3,RLP49,MGC102610,D7Ert671e,6030455P07Rik,	0.00092	1.73147
AV122997	Rcc2	0.00009	1.65896
NM_011254	Rbp1,Crbp,CRBPI,Rbp-1	1.20E-06	3.79399
NM_011252	Rbmx	5.22E-08	5.63236
BM117447	Rbms3,MGC118437,6720477E09Rik	0.00091	3.6272
BB758922	Rbm22,MGC91134,8430430L24Rik	0.00095	1.612
BE986909	Rbm17,2700027J02Rik	0.00032	1.60786
AW681705	Rbm16,AA408306,AI447644,AI448652,AU015035	2.26E-06	1.83412
NM_029397	Rbm12,SWAN,AI852903,	6.43E-07	2.40651
BF011461	Rbbp4,mRbAp48	0.00001	2.58072
BC004678	Rassf8,Hoj1,mHoj-1,AA815821,AW123240,5133400D11Rik	0.00014	3.86765
BC008101	Rasl11b,MGC103217,1190017B18Rik	4.47E-20	3.59767
AA124924	Rasa1,Gap,Rasa,RasGAP,MGC7759	0.00009	2.23011
BM230524	Rapgef5,GFR,Mrgef,C86120,mmr-gef,	0.00031	1.84993
BM246972	Rap1b,2810443E11Rik	0.00009	1.9436
NM_019930	Ranbp9,lbap1,IBAP-1,RanBPM	0.00023	1.81737
BF537798	Ramp2	1.84E-07	2.31587
NM_016894	Ramp1	1.32E-15	4.93903
BF681826	Ralgps1,RALGEF2,AI853783	0.00082	1.88382
NM_030690	Rai14,Norpeg,mKIAA1334,Ankycorbin,1700008J19Rik,	1.83E-14	8.73975
AK013909	Rai1,Gt1	1.64E-14	7.07007
AF332085	Rad21,SCC1,mKIAA0078	5.27E-13	7.31954
NM_012025	Racgap1,gtl11,Band25,GTPase,AI227039	2.41E-06	2.58203
BC003828	Rac1,AL023026,D5Ert6559e	9.09E-25	1.60239
BC022119	Rab6ip1,ORF37,AJ245569,AW496491,mKIAA1091,1500012B19Rik	3.68E-13	2.17465
AF327929	Rab34,Rah,Rah1,AI326479	2.24E-41	2.8717
NM_026405	Rab32,AU022057,2810011A17Rik	6.82E-07	1.6259
BC006596	Rab22a,Rab22,AI662177	0.00025	2.30444
BE945631	R74740	5.08E-08	2.30211
AW547988	Pygb,MGC36329	6.48E-32	7.60938
AF293882	Pxn,AW108311,AW123232	5.83E-08	2.74163
BM220305	Purb,Cager-2,AA114818,D11Bwg0414e,2310015K15Rik	0.00012	1.52494
BB837171	Pum1,Pumm,AA517475,mKIAA0099	9.56E-14	5.32755
AF069051	Pttg1,PTTG,Pttg3,C87862,Securin,AW555095	0.00012	1.62386
BC012674	Ptrf,AW546441,MGC118550,2310075E07Rik	1.32E-10	2.00834
D88187	Ptpu,PTP,Ptpri,RPTPlambda	2.11E-06	3.0477
AI893646	Ptprk,AI853699	2.99E-10	2.19988
BF235516	Ptprf,LAR,LARS,AA591035	4.03E-23	2.8755
BB509334	Ptpn1,PTP1B,PTP-1B	0.00031	1.7608
AW495875	Ptp4a2,Pri-2,MGC102154,MGC103400	7.47E-06	3.09508
BG073526	Ptov1,AU041779,1110030G05Rik	2.32E-09	2.8898
BF787570	Ptma,Thym,MGC102090,MGC103390	3.25E-05	2.02395
AI528614	Ptk2,FAK,Fadk,KIAA4203,mKIAA4203	0.00047	3.54699
BI685341	Pthlh,Pthrp,PTH-like	1.88E-29	10.50772
NM_008958	Ptch2,ptc2	1.39E-14	4.65671
BG071079	Ptch1,Ptc,mes,Ptc1,Ptch,A230106A15Rik	0	15.89396
BC025110	Ptcd2,1190005P08Rik	0.00023	2.18276

BC007472	Ptbp1,Ptb,PTB2,PTB3,PTB4,pPTB,HNRPI,PTB-1,AA407203	1.57E-08	3.54852
BG075584	Psme4,TEMO,AA409398,AU041366,KIAA0077,mKIAA0077	0.00037	2.8583
AV136581	Psmc11,S9,P44.5	0.00044	1.66609
NM_010724	Psmb8,Lmp7,Lmp-7	0.00007	4.00883
NM_011182	Pscd3,Grp1,AI648983,KIAA4241,mKIAA4241	1.83E-08	2.5016
BQ176370	Prune,HTCD37,DRES-17,PRUNEM1,C130058A12,9230112O05Rik	0.00002	3.55667
NM_133731	Prss22,BSSP-4,SP001LA,4733401N09Rik	3.04E-06	3.57445
NM_011177	Prss18,Bssp,Klk6,Klk7,Klk29,Prss9,AI849898,neurosin	1.89E-07	6.35044
NM_008939	Prss12,Bssp-3	0.00071	4.07507
L06502	Prrx1,K-2,Pmx1,Prx1,mHox,	2.21E-06	1.67005
AK014046	Prr6,AA671303,3110013H01Rik,RP23-234K24.4	0.0008	2.13727
BC024942	Prps2,Prps-2,AA589463,AI464149,MGC28388,2610101M19Rik	0.00001	2.30901
AK011304	Prps1,C76571,C76678,Prps-1,2310010D17Rik	0.00099	2.02233
NM_138659	Prpf8,Prp8,Sfprp8,AU019467,DBF3/PRP8,D11Bwg0410e	2.62E-07	1.94529
AA409562	Prp19,PSO4,Snev,NMP200,AA617263,AL024362	2.79E-16	1.75409
BF160591	Prkcn,MGC47171,4930557O20Rik,5730497N19Rik	1.35E-08	2.00568
NM_008856	Prkch,Pkch	0.00002	2.97648
BC009660	Prkcdp,SRBC,MGC6598,3110015B12Rik,6330514M23Rik	2.63E-07	2.09239
BB274009	Prkar1b,Rlbeta,AI385716	0.0006	3.57734
AV024339	Prkacb,Pkacb	0.00003	1.87848
BQ177191	Prickle2,6230400G14Rik,6720451F06Rik	0.0002	5.06156
BC022643	Prickle1,Prickle,AW215793,1110058P22Rik	0.00028	2.15364
AK018310	Prdm5,PFM2,4432417F03Rik,6530401I24Rik,E130112L17Rik	0.00041	2.82143
BC009657	Pqbp1,Sfc2,PQBP-1	0.00064	2.13787
M81483	Ppp3cb,CalnB,CnAbeta,1110063J16Rik	0.00004	3.08
AI313926	Ppp3ca,CN,CnA,Caln,Calna,AI841391,AW413465,2900074D19Rik	0.00003	1.76546
BB107628	Ppp2r5e,AI449017,4633401M22Rik	0.00022	2.04002
BB535888	Ppp2r5e,AI449017,4633401M22Rik	9.48E-07	1.9336
BC025479	Ppp1r8,NIPP1,AU044684,MGC38560,6330548N22Rik	0.00013	1.81568
NM_133485	Ppp1r14c,KEPI,6330514J04Rik	0	2.63889
AV309184	Ppp1r12a,Mypt1,AA792106,AV099298,D10ErtD625e,	0.00002	1.63511
BG071790	Ppp1cc,PP1,dis2m1	4.39E-11	1.7267
AV290622	Ppm2c,Gm1024	0.00025	1.55782
NM_016910	Ppm1d,Wip1,AV338790	0.00015	3.42806
NM_008908	Ppic,CyP-20c	1.26E-18	2.06012
NM_080555	Ppap2b,Lpp3,Ppab2b,AV025606,D4Bwg0538e,D4Bwg1535e	0.00006	1.63188
BC011417	Ppa2,MGC6539,Sid6306,1110013G13Rik	0.00002	1.51411
NM_011137	Pou2f1,Otf1,Oct-1,Otf-1,Oct-1A,Oct-1B,Oct-1C,Oct-1L,	0.00022	1.77831
AB036749	Porcn,Ppn,porc,Mporc,mMg61,Mporc-a,Mporc-b,Mporc-c,Mporc-d,	0.00049	1.92634
C80273	Pom121,C80273,mKIAA0618,2610027A18Rik	0.00032	3.99937
AI931937	Polr3f,RPC6,RPC39,MGC11656,2810411G20Rik,	0.00073	1.77705
BB772197	Polr3c,RPC3,RPC62,4933407E01Rik	0.00071	1.75819
U37500	Polr2a,220kDa,Rpo2-1	0.00033	1.52051
AK008143	Pnp,Np,Np-1,Np-2,AL024301,AU015798	0.00041	1.50428
AV135835	Pnn,AU045199,D12ErtD512e	2.21E-06	1.94731
BG298178	Pnlcd1,Gm313,FLJ35820	0.00084	5.88306
NM_011125	Pltp	8.04E-09	5.77342
BB826296	Plscr4,AV245873	0.00079	2.53305
BC021352	Plod2,LH2,Plod-2,D530025C14Rik	0.00043	2.31861
NM_011122	Plod1,LH1,Plod,AI854890,AV007929,2410042F05Rik	0.00002	3.04067
BG070082	Plekhc1,Mig2,AA960555,MGC36305	1.05E-14	4.92577

BI905111	Plekha7,AI414265,MGC90927,A430081P20Rik	0.00024	2.15416
AW546508	Plcg2,Plcg-2,MGC38590	7.00E-19	3.49128
BM121087	Plcg1,Cded,Plc-1,Plcg-1,AI894140,Plc-gamma1	0.00015	1.65612
NM_008872	Plat,tPA,t-PA,AU020998,AW212668,D8Erd2e,MGC18508	2.67E-28	3.89246
AK005158	Pla2g7,R75400	5.47E-19	15.1723
BB315153	Pla2g3,9130003P18Rik	0.00047	2.25613
BF160731	Pja2,AI447901,AL022700,MGC27629,Neurodap1,mKIAA0438	2.74E-11	2.25435
NM_021308	Piwil2,mili,Piwil1l	5.40E-22	19.87868
NM_011256	Pitpnm2,NIR3,Rdgb2,RDGBA2,mKIAA1457	0.00008	5.27361
BG975479	Pitpnb,AI256223,AU040890	6.94E-07	7.54399
M60651	Pik3r1,PI3K,AA414921,p50alpha,p55alpha,p85alpha,C530050K14	0.00053	2.00859
NM_053191	Pi15,P24TI,P25TI,SugarCrisp	0.00005	3.27643
BB427286	Phyhip,Lnap1ip,AW049870,MGC40960,PAHX-AP1	0.00034	3.26381
NM_009344	Phlda1,Tdag,TDAG51,DT1P1B11	0.00016	1.84299
BB425239	Phip,Ndrp,Wdr11,2810004D21Rik,4632404O06Rik	1.40E-08	3.34511
AV011460	Phf23,JUNE-1,2410141M05Rik,RP23-172M21.13	0.00088	1.64703
BB094173	Phf21a,Bhc,80kDa,Bhc80,PFTF1,MGC29190	2.59E-06	3.41859
BF468039	Phf2	0.00005	2.45405
BE573407	Phca,AV015045,1110057L18Rik,5430429L08Rik	0.00007	3.44041
NM_018774	Phc2,Edr2,Mph2,AA415044,D4Erd810e,D130050K19Rik	0.00006	2.15917
BM240147	Pggt1b,BGG1,GGT1,AI451237,AI551093,2610100E13,	0.00024	1.86486
NM_019410	Pfn2,Pfn	4.48E-10	2.10803
BM238318	Per2,mPer2,mKIAA0347	0.00019	1.60655
M13227	Penk1,ENK,PPA,Penk,AI326464	6.54E-10	6.79655
AB003040	Peg3,Pw1,End4,Gcap4,Zfp102,AL022617,mKIAA0287	1.50E-07	5.07768
NM_018884	Pdzrn3,LNX3,Semcap3,AI429718,AL023082,1110020C07Rik	7.85E-36	2.08568
AK010339	Pdlim7,Enigma,AV007930,1110003B01Rik,2410002J21Rik	7.15E-14	5.72557
BC006865	Pdia6,P5,CaBP5,C77895,Txndc7,AL023058,1700015E05Rik	0.00001	2.19277
NM_008810	Pdha1,Pdha-1	0.00097	2.13355
AW537708	Pdgfra,CD140a,Pdgfr-2,AI115593	1.70E-11	4.62524
NM_019971	Pdgfc,AI647969,1110064L01Rik	1.14E-06	2.48419
BB371842	Pdgfa	1.71E-18	5.1986
BM246564	Pde4b,Dpde4,dunce,R74983	2.09E-08	6.40803
BG065186	Pdap1,PAP,PAP1,HASPP28	1.68E-06	2.95621
BB241731	Pcsk5,PC6,SPC6	3.86E-09	7.27694
BM117243	Pcmdt2,AI314201,MGC36470,5330414D10Rik	1.70E-17	2.01945
NM_023662	Pcm1,2600002H09Rik,9430077F19Rik,C030044G17Rik	0.00004	1.65618
NM_053145	Pcdhb20,PcdhbT,Pcdhb14	0.00001	4.03769
BM218630	Pcdh18,PCDH68L,BB095589,3110038E07Rik	0.00038	2.77305
NM_017463	Pbx2,G17,AU043397	0.00072	2.11343
BG065752	Pb1	0.00005	1.95379
BI690209	Parva,Actp,Parvin,AI225929,AU042898,CH-ILKBP	6.07E-06	2.44822
BB552308	Parp4,PH5P,p193,Gm743,PARPL,VPARP,VAULT3	0.00036	2.1463
BM227980	Parp12,PARP-12,Zc3hdc1,AA409132,AA536654,9930021O16	3.91E-06	2.32513
AW543460	Pard3,ASIP,Par3,PAR-3,AA960621,AI256638,D8Erd580e	0.00017	2.27063
NM_011863	Papss1,SK1,Asapk,AI325286	2.03E-25	1.60645
NM_023245	Palmd,PALML,4631423C22Rik	2.02E-08	3.0947
BF456404	Pak1,Paka,PAK-1,AW045634	0.00035	4.89251
BC019726	Paip1	0.00027	1.58901
BM207712	Paics,AIRC,PAIS,ADE2H1,2610511I09Rik	5.43E-37	1.69296
NM_008776	Pafah1b3,Pafahg,mus[g]	0.00084	1.8553

BB539054	Pafah1b2,Pafahb,mus[b],AI747451,AU021353	0.00097	2.45983
BM115617	Pacs1,AI325977,MGC37046	0.00004	1.73352
AI314028	P4ha1,P4ha,AL022634	0.00006	1.92843
AB015978	Osmr,OSMRB	4.30E-14	2.25053
NM_025661	Ormdl3,AI315223,2810011N17Rik	0.00007	4.53176
AV127023	Odz4,Doc4,ELM2,I7Rn3,R75022,Ten-m4,I(7)-3Rn,mKIAA1302	3.56E-09	1.77285
BB472509	Odz3,Odz1,Ten-m3,mKIAA1455,2610100B16Rik	3.18E-06	4.16925
BM899576	Odz2,Odz3,Ten-m2,mKIAA1127,D3Bwg1534e	2.48E-06	4.42256
AU041975	Nxn	0.00003	4.26475
NM_053074	Nup62,p62,Nupc1	0.0002	1.58737
BC004655	Nup107,C76801,AW541137	0.00006	1.80148
NM_030699	Ntng1,Lmnt1,AI853992,MGC99878,A930010C08Rik	0.00018	3.26543
BQ086474	Ntn4	0.00056	1.76864
AI462899	Ntf5,NT4,NT-4,Ntf4,NT4/5,Ntf-5,AI462899,2900040K06Rik	0.00017	3.21513
NM_008738	Nrtn,NTN	0.00042	2.71167
BE956701	Nrip1,RIP140	0.00057	3.15103
BB018528	Nras,N-ras,AV095280	2.19E-06	1.84744
NM_016789	Nptx2,np2,narp	1.76E-09	7.38562
AA223007	Npnt,Nctn,POEM,AA682063,AI314031,1110009H02Rik	0.0005	1.53798
BC007190	Npc2,HE1,AA408070,AU045843,2700012J19Rik	0.00056	2.01235
NM_008714	Notch1,Mis6,Tan1,lin-12,9930111A19Rik	1.54E-07	3.35113
NM_023144	Nono,nonA,NRB54,P54NRB,AA407051,AV149256,MGC103109	1.33E-10	2.04121
AK005123	Nol11,AU015220,AU019874,1500002M01Rik	0.00095	1.51779
AU042744	Nlgn2,MGC67386,RP23-422L16.24	4.94E-06	2.59131
BB025231	Nisch,I-1,AW494485,1200007D05Rik,3202002H23Rik	7.08E-06	3.92194
NM_025623	Nipsnap3a,Nipsnap3b,2700063N13Rik	1.01E-09	2.03328
AV306253	Nipsnap1	1.52E-08	2.49295
X14480	Nid1,Nid,entactin,nidogen-1,A630025O17,entactin-1	2.13E-19	2.67609
BC013565	Nhsl1,BC013565,KIAA1357,mKIAA1357,A730096F01	2.19E-07	1.86955
BI407690	Ngfrap1,Bex3,Nade,AL033356,DXWsu67e	4.86E-08	2.01418
BM120578	Nfrkb,A530090G11Rik	6.92E-06	1.9031
L28118	Nfkb1,p50,p105,NF-KB1,p50/p105,NF-kappaB,NF-kappaB1	0.00007	1.57214
BB315728	Nfix	2.80E-28	3.37525
BI664122	Nfib,6720429L07Rik,E030026I10Rik	0.00058	2.17657
L28176	Nf2,merlin	4.41E-08	1.99942
BB528391	Nek6,1300007C09Rik	9.11E-10	2.30118
BB458177	Nedd9,E230025G09Rik	2.01E-08	1.94027
BB663717	Nedd4I,Nedd4b,Nedd4-2,1300012C07Rik	1.79E-12	5.3767
NM_010890	Nedd4,Nedd4a,Nedd4-1,	1.30E-15	2.01236
BI652065	Ndst1,Hsst,NDST-1,1200015G06Rik	3.53E-36	2.1592
NM_013864	Ndr2,Ndr2,SYLD,AI182517,AU040374	1.06E-11	2.61739
NM_010883	Ndph,ND,NDP	3.26E-09	5.01839
BQ032232	Nde1,Nude,mNudE,AU042936,AW822251,2810027M15Rik	1.35E-09	2.23869
NM_011424	Ncor2,SMRT,N-CoR,SMR Te	1.42E-14	2.30633
U22016	Ncor1,N-CoR,RIP13,Rxrip13,mKIAA1047,5730405M06Rik,A230020K14Rik	3.09E-08	2.62437
NM_010879	Nck2,Grb4,NCKbeta	9.23E-14	4.11448
BB698413	Ncam1,CD56,Ncam,E-NCAM,NCAM-1,NCAM-120,NCAM-140,NCAM-180	1.00E-21	21.27201
BG071381	Ncald,AI848120,D15Ert412e,D030020D09Rik	0.00002	3.90721
AA986379	Nbea,Lyst2,mKIAA1544	0.00002	1.87831
BG064031	Nap1I1,NAP-1,AA407126,AI256722,D10Ert468e	3.09E-13	3.43934
BI151886	Nans,Sas,4632418E04Rik	0.00059	2.39095

AA406997	Myo1b,AA406997,myosin-1b	1.37E-20	2.2411
BF451748	Mylk,KRP,MIck,MLCK108,MLCK210,	5.65E-09	2.56392
NM_022410	Myh9,Myhn1,C80049,D0Jmb2,Myhn-1,TU-72.6,NMHC II-A,	5.97E-07	1.87013
U13262	Myef2,mKIAA1341_9430071B01	0.00052	2.16531
BC005453	Mycn,Nmyc,N-myc,Nmyc1,Nmyc-1,c-nmyc	0.00002	2.56795
AW228043	Mybbp1a,P160,p67MBP,p160MBP,AL024407,AU019902	0.00053	2.14694
BI078799	Myadm,D7Wsu62e	0.00052	1.84698
BB139464	Mvp,LRP,VAULT1,2310009M24Rik	0.00001	2.62795
BC024131	Mtss1,Mim	1.11E-06	2.12409
NM_008098	Mtpn,V1,Gcdp,5033418D15Rik	1.41E-06	2.57799
BB431693	Mtmr7	0	12.30862
BE952757	Mtmr11,CRA,AI035306,BC051083,MGC59008	2.78E-06	5.8936
BG066919	Mtf2,M96,C76717,AA537621,MGC116639,9230112N11Rik	0.00052	1.82704
AV083741	Mtdh,3D3,Lyric,AV353288,3D3/Lyric,D8Bwg1112e,2610103J23Rik	0.00014	1.75379
NM_134092	Mtbp,MDM2BP,AI429604	0.0003	1.7786
BG075139	Mtap,MSAP,1300019I21Rik	0.00001	3.0246
NM_054081	Mta1	0.00009	2.16968
BQ175453	Msn,C78546	0	3.02187
BC022587	Mrps9,mg637,AW322516,2310002A08Rik	0.00067	1.99536
BC021947	Mrps5,AI850294,1620401116Rik	0.00039	2.203
AB049633	Mrpl3,AA407889,2010320L16Rik,5930422H18Rik	6.83E-06	2.54445
BB210729	Mr1,H2ls	7.35E-11	3.17762
AW258373	Mpp5,Pals1,AI255216,AI644496,3830420B02Rik	0.00022	2.3444
BC008161	Mphosph6,C86426,AA536809,1110001M01Rik	0.00001	2.11604
AK019164	Mpdz,MUPP1,AI225843,B930003D11Rik	0.00036	2.50682
BM241485	Mpa2l,AI595338	0.00075	3.49488
NM_021509	Moxd1,MNCb-5203,3230402N08Rik	3.24E-09	2.22247
BC017619	Morf4l1,MRG15,TEX189,TEG-189,	2.15E-07	1.88772
AK017167	Mon1b,5031407H10,5033413H12Rik	0.00083	2.36732
NM_010813	Mnt,Rox	1.55E-07	2.66546
BB767109	Mmp15,MT2-MMP,AI503551	0.00036	2.37627
NM_008608	Mmp14,MT1-MMP,AI325305,MT-MMP-1	2.24E-08	2.50492
NM_008606	Mmp11,ST3,Stmy3	8.18E-06	3.93418
AV174022	Mme,NEP,CD10,CALLA,C85356,6030454K05Rik	0.00016	1.86214
AF265663	Mlixp,Mir,Mondoa,AW228700,mKIAA0867_B930074I24	0.00019	1.7168
AK019458	Milt3,Af9,D4ErtD321e,2210011H10Rik,2610012I03Rik,3830408D16Rik	3.55E-08	5.15312
AK017541	Mil,HRX,AI1,ALL-1,Cxxc7,HTRX1,KIAA4050,mKIAA4050,6430520K01	1.98E-08	2.01822
BQ176661	Mkrn1,RFP	0.00054	2.26225
BQ175722	Mki2,MRTF-B,KIAA1243,mKIAA1243	0.00008	3.127
BM236206	Mier1,MGC107532,mKIAA1610,4933425I22Rik,5830411K19Rik	0.00088	1.89777
NM_019394	Mia1,MIA,Cdrap,CD-RAP	0.00002	5.12486
NM_023799	Mgea5,Hy5,	1.07E-08	4.64812
AK015544	Mgat5,GlcNAc-TV,4930471A21Rik,5330407H02Rik	0.00003	3.49903
AK018181	Mfn1,HR2,	6.03E-13	2.9379
BE225764	Mfhas1,D8ErtD91e,2310066G09Rik	3.21E-07	2.21441
NM_008594	Mfge8,P47,Mfgm,SED1,MFG-E8,AA408458,AI325141	6.50E-06	1.96977
NM_015776	Mfap5,MAGP-2	2.06E-13	3.34193
BI661422	Mfap3,AW536327,2610509F16Rik,2700079M14Rik	0.00004	1.85782
NM_008587	Mertk,Eyk,Mer,Nyk	0.00005	2.01197
AI595932	Mef2c,AV011172,5430401D19Rik,9930028G15Rik	2.18E-16	10.84151
AF071310	Med12,Mopa,OPA-1,230kDa,Tnrc11,Trap230	0.00003	2.08513

M34328	Mdk,MK,Mek,cytokine	1.94E-06	3.39199
NM_008568	Mcm7,Mcmd7,mCDC47	0.00016	1.93643
BB099487	Mcm6,Mcmd6,ASP-I1,D1Wsu22e	0.00004	1.69489
NM_019434	Mcm3ap,GANP,mKIAA0572	0.00026	2.23248
BC003839	Mcl1,AW556805	0.00023	1.5409
NM_023061	Mcam,CD146,CD149,Muc18,s-endo,AV025631,1-gicerin,s-gicerin	1.54E-08	4.42437
BF226671	Matr3,AI841759,AW555618,mKIAA0723,D030046F20Rik	0.00068	1.5978
BC026445	Mark3,Emk2,ETK-1,	0.00003	2.08184
NM_010807	Marcksl1,F52,Mlp,Mrp,D4Bc1,Macs2,Macs3,	2.03E-12	3.74822
AW546141	Marcks,Macs,PKCSL	6.39E-06	1.70722
NM_008696	Map4k4,HGK,Nik,AU045934	0.0002	3.50634
D76446	Map3k7,Tak1,C87327,B430101B05	0.00007	1.80805
BB261602	Map2k6,MEK6,MKK6,Prkmk6,SAPKK3	0.0006	3.2167
BB025010	Map2k5,MEK5,Mapkk5,Prkmk5,AI324775,AI428457	5.83E-07	2.42897
AU080586	Map1lc3b,Map1lc3,1010001C15Rik	1.44E-07	1.86141
BB549292	Maob,6330414K01Rik	9.20E-06	3.00972
BB794673	Man2a2,MX,AI480988,1700052O22Rik,4931438M07Rik	0.00016	1.97843
BB485735	Malt1,MGC124469,MGC124470,A630046N12,D430033E09Rik	0.00001	3.15474
BG083730	Mak10,AI158944,A330021G12Rik,A330027C19Rik,C030004C14Rik	3.02E-10	3.02834
AF027503	Magi1,AIP3,BAP1,WWP3,Baiap1,Gukmi1,MAG1c,Magi-1,TNRC19	5.98E-22	5.26823
NM_019791	Maged1,NRAGE,Dixin,Dlxin1,Dlxin-1,FLJ00163,mFLJ00163,	4.21E-23	4.80408
BM248206	Macf1,Acf7,MACF,Aclp7,mACF7,ABP620,R74989,mKIAA0465	0.00012	2.30856
NM_016753	Lxn	1.37E-12	2.77378
BI076494	Luc7l2,Cgi74,CGI-59,CGI-74,AA522013,AU015269,4930471C18Rik	1.33E-11	2.17537
NM_008520	Ltbp3,Ltbp2,mFLJ00070	5.98E-23	4.03165
BI696719	Lta4h	8.12E-07	1.52718
BM211048	Ltap,Lp,Lpp1,stbm,Vangl2,Vangl12,C530001F03Rik	1.78E-04	1.64232
AF204156	Lsm2,G7b,SmX5,Dmapl,Sm-X5,snRNP,Dmpkap	4.27E-07	3.4706
NM_008516	Lrrn1,NLRR-1,2810047E21Rik	0.00001	7.13277
BB315861	Lrrc8d,Lrrc5,A930019F03,4930525N13Rik	5.82E-06	2.36181
AK013512	Lrrc47,AA960559,mKIAA1185,2900010D03Rik	0.00074	1.70873
AV254798	Lrp12,AI848829,C820005L12Rik	3.44E-09	2.05226
NM_008377	Lrig1,lmg,LIG-1,D6Bwg0781e	2.44E-40	21.88026
BB763476	Lrch3,Gm1742,AW215594,2210409B11Rik	0.00005	1.68389
BB297498	Lpp,C79715	5.38E-07	2.24162
AK021389	Lpin2,AI481352,AW742896,2610511G02Rik	6.74E-06	3.10851
NM_015763	Lpin1,fld,Kiaa0188,mKIAA0188,4631420P06	1.09E-06	5.57586
BB274232	Lphn3,LEC3,CIRL-3,Gm1379,	6.04E-09	2.32773
AA987131	Lphn1,Lec2,CLIBA,AI182398,	0.00068	1.90123
BB238427	LOC545856	7.21E-08	2.1034
BG065562	Lnpep,CAP,IRAP,PLAP_gp160,vp165,2010309L07Rik,4732490P18Rik	0.00075	3.05901
AW536901	Lnk,AI429800	0.00013	2.44234
NM_010723	Lmo4,Crp3,Etphi4,A730077C12Rik	7.40E-43	3.246
AK013416	Lmo2,Ttg2,Rbtn2,Rbtn-2,Rhom-2	5.51E-09	4.12835
BC019124	Lmcd1,dyxin,AW455500,AW553074,MGC29184	0.00018	3.9638
BG071597	Lman1,P58,MR60,gp58,F5F8D,MCFD1,ERGIC53	0.00003	2.46118
AV360881	Litaf,TBX1,C85531,N4WBP3,3222402J11Rik	0.00068	3.78234
AI596237	Lip1,Lal,Lipa,Lip-1,AA960673	0.00032	1.87834
BB547181	Lin10,MGC6480,BC006874,D230025D16Rik	0.00079	2.20719
D17444	Lifr	0.00002	3.1031
NM_010710	Lhx2,ap,LH2A,Lh-2,Lim2,apterous	0	16.68454

AV337396	Lgr6,D830026M09,A530037C04Rik	1.08E-07	4.83837
BB751088	Lgr5,FEX,Gpr49	8.76E-36	5.8885
NM_008495	Lgals1,L14,Galbp,L-14.5,Lect14,AA410090,galectin-1	8.13E-17	3.48761
NM_008494	Lfng,AW061165	0.00021	2.6229
U42467	Lepr,db,Obr,obl,LEPROT,OB-RGRP,diabetes,MGC105189,obese-like	1.05E-18	6.64615
BM242619	Lemd3,Man1,AI316861	3.97E-06	2.11376
AK007400	Lbh,1810009F10Rik,6720416L16Rik	1.80E-06	1.6514
AV271979	Lats2,AV277261,AW228608,4932411G09Rik	0.00042	2.41597
AY029532	Lass2,TRH3,AI225939,0610013I17Rik	0.0009	1.66118
BG146595	Lasp1,Def-4,SH3P6,AA408629	2.67E-13	6.16626
BG066605	Lamc1,Lamb2	1.52E-19	2.9874
NM_008484	Lamb3	3.67E-10	3.74347
BC026051	Lamb2,Lams,Lamb-2,AW211941	0.00048	3.39393
BG970109	Lamb1-1,C77966,C80098,C81607,Lamb-1,D130003D08Rik	9.53E-10	1.87885
AV224009	Lama5,[a]5,AA408760,AA408762,AI853660,mKIAA0533	0.0001	4.67206
X84014	Lama3,[a]3B,Lama3B	2.28E-27	3.42242
U12147	Lama2,dy,mer,merosin,KIAA4087,mKIAA4087,5830440B04	1.59E-07	3.19165
BB022070	L3mbtl3,MBT-1,AI481284,MGC90546	0.00004	2.41238
AK007999	Krtcap3,Kcp3,AW321088,MGC129450,MGC129451,2010001C09Rik	0.00041	1.82857
NM_010669	Krt2-6b,mK6[b],BB144589	4.39E-11	17.08826
NM_008476	Krt2-6a,MK6a,mK6[a],Krt2-6c,2310016L08Rik	0.00015	3.35901
NM_008471	Krt1-19,K19,EndoC,AI663979,Krt-1.19,MGC25344	0.0001	5.03145
AA798563	Krt1-17,K17	6.01E-10	2.61581
NM_008469	Krt1-15,K15,AI528832	0.00045	1.72439
NM_133712	Klik10,NES1,PRSSL1,2300002A13Rik	0.00055	2.96111
BB126112	Klhl22,Kelchl,2610318I18Rik	0.00004	1.74877
BB524597	Klf7,9830124P08Rik	8.55E-06	5.15219
AF072403	Klf6,FM2,FM6,Zf9,BCD1,CPBP,Copeb,C86813,R75280,lerepo1,lerepo3,A	0.00008	5.5782
BG064841	Kif7	7.95E-12	6.86551
BI328541	Kif5b,KHC,AL022807	3.18E-08	2.54288
AB037923	Kif13a,KIAA4109,mKIAA4109,4930505I07Rik	0.00002	2.74717
AK014353	Khdrbs3,Etle,Slm2,SLM-2,T-STAR	2.35E-20	10.0688
BE447456	Khdrbs1,p62,Sam68	0.00006	3.38648
NM_023645	Kdelc1,EP58,Kdel1,1810049A15Rik,5730416C13Rik	0.00014	3.94431
BC006935	Kctd10,C87062,AW536343,MGC11654	6.56E-06	2.13678
NM_021452	Kcnmb4,1700058G18Rik,2900045G12Rik	0.00001	3.96806
NM_025953	Kcnk4,TRAAK,TRAAKt,1700019N12Rik,A430107B04Rik	0.00038	3.26902
NM_020574	Kcne3,MiRP2,2210017H05Rik	0.00041	2.95897
BC022962	Kbtbd2,Bklhd1,BC022962,MGC36672,mKIAA1489	9.72E-06	1.56866
NM_030887	Jundm2,TIF,Jdp2,Jundp2	0.00048	2.25255
NM_010591	Jun,AP-1,Junc,c-jun	1.66E-06	3.01888
NM_010590	Jub	5.80E-35	2.7979
BC006928	Josd1,MGC6306,MGC101975,mKIAA0063,1300006C06Rik	2.97E-06	2.30988
BB494168	Jmjd3,BC038313,KIAA0346,mKIAA0346,RP23-5O23.5,1700064E03Rik	9.80E-07	3.695
BC019446	Jarid1b,PUT1,Plu1,PLU-1,Rb-Bp2	0.00002	4.63168
AU023352	Jak2,Fd17,C81284,AI504024	2.42E-07	2.02956
AV264681	Jag2,sm,Serh,D12Ggc2e,mJagged2-1	0.00032	2.02398
AA880220	Jag1,Htu,Ser-1,slalom,Serrate-1,Headturner	4.73E-16	4.63929
AW552407	Itpk1,BC031182	8.67E-07	1.94417
NM_022417	Iitm2c,E25,BRI3,E25C,ITM3,R75508,AU041202,3110038L02Rik	0.00066	1.54387
AV239969	Itih5,E130106B02,5430408M01Rik	8.55E-32	15.85079

NM_010580	Itgb5,[b]5,[b]-5,[b]5A,[b]5B,beta5,ESTM23,beta-5,AA475909,AI874634	6.94E-06	5.71199
U37029	Itgb1,CD29,FnrB,gpIIa,AA409975,AA960159,4633401G24Rik	0.00001	3.81271
AK010892	Isoc1,2610034N03Rik	1.69E-09	1.96546
BB546077	Isg20I2,C80587,4930429N24	0.00014	1.85084
NM_018885	Irx4	1.14E-13	5.29788
AF295369	Irx2,IRX6,MGC103290	0	4.61122
AF165984	Irx1	0.00064	2.61119
BB345784	Irs1,IRS-1	0.00001	1.713
BB183385	Irf2bp2,E130305N23Rik	4.97E-06	3.16936
AK014712	Irak1bp1,AIP70,Aabp3,SIMPL,AI851240,4921528N06Rik	0.00038	3.13771
AF273672	Ipo9,Imp9,C78347,Ranbp9,mKIAA1192,0710008K06Rik	7.64E-06	2.31391
BB253137	Inhbb	0	5.21639
AV287690	Inadl,Cipp,Patj	0.00002	1.89385
BC011427	Ilkap,PP2C-DELTA,0710007A14Rik,1600009O09Rik	4.66E-07	2.07937
NM_010562	Ilk,ESTM24,AA511515	2.41E-08	3.46586
NM_010561	Ilf3,NF90,MPHOSPH4	2.23E-06	1.92483
BM235074	Ilf2,Tex261,Tex267,TEG-267,6230405A16Rik	0.00005	3.52853
BI102913	Il6st,CD130,gp130,AA389424,BB405851,D13ErtD699e,	6.86E-10	2.3873
NM_008349	Il10rb,Crfb4,CRF2-4,Il10r2,D21S58h,IL-10R2,	1.65E-08	2.13621
AF317839	Igsf9,NRT1,Dasm1,Ncam1,644ETD8,mKIAA1355,Kiaa1355-hp	0.0008	2.85855
AF411055	Igsf8,PGRL,EWI-2,ESTM34,R75384,AA033172,AU041109	1.05E-10	3.44636
BF148825	Igsf4a,BI2,ST17,Igsf4,Necl2,Tslc	0.00045	6.59285
BB484576	Igsf3,V7,Cd101,Igsf2,	3.22E-06	3.39189
AI481026	Igfbp7,Fstl2,mac25	2.69E-20	2.93379
BC019836	Igfbp4,Deb2,IGFBP-4,AI875747	7.49E-30	3.52209
BG797580	Igf2bp3,IMP3,IMP-3,Koc13,mimp3,Neilsen	0.0004	1.7323
NM_028680	Ift57,Hippi,MHS4R2,Esrrb1,4833420A15Rik	0.00004	2.10052
BB522265	Ifnar2,Ifnar-2,AI747302	0.00004	3.61504
NM_010508	Ifnar1,Ifar,IfrC,CD118,Ifnar,Iifar	6.00E-16	2.72327
BC010291	Ifitm3,Fgls,IP15,Cd225,mil-1,Cdw217,1110004C05Rik	4.80E-08	1.69891
NM_030694	Ifitm2,mil-3,Ifitm3I,MGC102396,fragilis3	1.11E-22	1.87493
BC027285	Ifitm1,Mil2,MGC107121,1110036C17Rik	2.27E-41	4.43275
NM_008332	Ifit2,Ilf54,AV302338	0.00033	5.89932
AI788952	Idh1,IDPc,Id-1,Idh-1,AI314845,AI788952,MGC115782,	5.12E-13	2.23285
BC008626	Icam1,CD54,Ly-47,Icam-1,MALA-2,MGC6195	9.70E-11	4.76634
BM218697	Htr2b,5-HT2B,AJ012488,AV377389	0.00048	2.36369
BI154147	Hspcb,90kDa,Hsp84,Hsp90,C81438,Hsp84-1,AL022974	9.27E-06	2.24099
BC013716	Hsf1,AA960185	0.00007	2.31919
NM_015818	Hs6st1,6OST1	0.00055	2.10629
AV346600	Hs2st1,Hs2st,AW214369,mKIAA0448	1.47E-21	2.58787
AK020120	Hrmt1I2,Mrmt1,Prmt1,AW214366,6720434D09Rik	1.46E-10	1.53739
AV231755	Hr,N,AU,ba,hr,rh,ALUNC,rhino,rh-bmh	5.12E-08	1.84171
NM_008273	Hoxd11,Hox-4.6,Hox-5.4	0.00028	2.46109
BF228203	Hnrpu,SAFA,Sp120,C86794	2.86E-08	3.10327
BB822465	Hnrpr,hnRNPR,2610003J05Rik	0.00053	3.21306
AI503931	HnrpII,PHGPx,AI256697,AI852082,2510028H02Rik,2810036L13Rik	0.00021	2.3257
NM_025279	Hnrpk,NOVA,hnRNPK,MGC102032	1.72E-08	1.59299
AW412441	Hnrpf,AA407306,MGC36971,MGC101981,4833420I20Rik	2.86E-13	1.79579
AU015266	Hnrpdl,JKTBP,AA407431,AA959857,hnRNP-DL,D5Wsu145e	6.55E-07	1.63308
NM_010448	Hnrpab,CBF-A,Cgfa,3010025C11Rik	0.00007	2.40013
BG064117	Hnrpa2b1,Hnrpa2,hnrmp-A,9130414A06Rik	0.0002	1.5492

AK007802	Hnrpa1,Hdp,hnrnp-A1	1.44E-26	1.8727
BC014714	Hmgcs2,mHS,1300002P16	2.96E-06	14.44425
AV362707	Hmgcs1,MGC36662,MGC98430,B130032C06Rik	0.00025	2.48115
NM_008253	Hmgb3,Hmg4,Hmg2a	2.53E-11	1.88797
BF166000	Hmgb1,Hmg1,MGC103168,MGC103169	0.00007	1.5889
X58380	Hmga2,pg,Hmgic,pygmy,HMGI-C,MGC103393,9430083A20Rik	1.66E-41	27.58577
AI987819	Hmg20a,lbraf,1200004E06Rik,5730490E10Rik	0.00084	2.81322
NM_013820	Hk2,HKII,AI642394	2.58E-14	3.76658
BB164127	Hivep3,Rc,Krc,KBP1,Zas3	3.26E-11	2.50491
NM_080846	Higd1b,2310056K19Rik	0.00018	2.75022
NM_020259	Hhip,Hip,Hip1,Hhip1	4.20E-45	16.15695
BC018375	Hes1,Hry	0.0001	1.88531
BM219313	Hdlbp,AA960365,AI118566,D1Erd101e,1110005P14Rik	0.00022	1.82816
NM_010413	Hdac6,Sfc6,Hdac5,mHDA2	0.00003	5.59809
BQ176116	Hdac4,AI047285,4932408F19Rik	0.00012	2.50998
NM_010407	Hck,Bmk,Hck-1,AI849071,MGC18625	1.45E-06	3.52609
BG864583	Hcfc1,HCF1,HCF-1,AW060991	3.52E-09	2.66677
NM_008216	Has2	0.00014	1.87102
BI903743	H3f3b,H3.3B,9430068D06Rik	5.48E-35	1.65125
BC028539	H2afv,H2av,C530002L11Rik	9.13E-16	1.69163
NM_010368	Gusb,g,Gur,Gus,Gut,asd,Gus-r,Gus-s,Gus-t,Gus-u,AI747421	0.00015	2.02572
BF144687	Gulp1,Ced6,GULP,CED-6,3110030A04Rik,5730529O06Rik	8.84E-06	2.30336
AI987834	Gtpbp4,NGB,Crfg,Gtpbp3,2610028C09Rik	0.0008	2.31551
AK011217	Gtl3,T10-2A2,AL024127,2600014O15Rik	3.75E-20	3.31274
AV297256	Gtf3c2,	0.00024	1.56216
AF343349	Gtf2ird1,BEN,GTF3,ESTM9,Cream1,Gtf2il,	5.07E-37	6.65538
NM_010358	Gstm1,Gstb1,Gstb-1	0.00005	2.11198
M86736	Grn,epithelin	6.14E-07	1.79024
BC004783	Grhl2,BOM,Tcfcp2l3,0610015A08Rik	9.55E-10	1.68017
AV373997	Greb1,AF180470,AU023194,mKIAA0575,9130004E13,	0.00004	4.61529
BB071890	Grasp,tamalin	1.21E-07	2.40157
BC019379	Gprk5,GRK5	0.00065	2.58796
BC020004	Gprc5b,Raig2,AW125761	0.00004	13.21231
BF159976	Gpr56,Cyt28,TM7LN4,TM7XN1	2.04E-08	2.06997
BG073622	Gpr161,Gm208,Gm208Gpr	0.00001	2.64521
BC019649	Gpr125,AU044632,3830613O22Rik	2.55E-11	1.6626
NM_030701	Gpr109a,HM74,Pumag,PUMA-G,mHM74b,Gpr109b	1.06E-09	6.21517
AV301998	Gpiap1,P137,Gpiap,AL022980,MMGPIP137	4.13E-12	1.98328
NM_010274	Gpd2,GPDH,Gdm1,Gpd-m,Gpdh-m,TISP38,	0.00054	1.66522
BC006622	Gpc4,AF311610,AI385680,AI661372,K-glypican,9530073D23Rik	3.71E-10	2.30678
AW107802	Gpc3,OCI-5	1.20E-16	6.87232
U82470	Got2,Got-2,mAspAT,FABP-pm,AL022787,MGC102129	1.44E-07	1.74559
AA792094	Got1,Got-1,cAspAT,AI789014	0.0009	2.22023
NM_016810	Gosr1,GS28,GOSRI,GOS-28,AI414660,AI426320,BB145494	0.0001	1.72383
BC027194	Golph3l,C77637,GPP34R	0.00009	2.37874
BC011152	Golph2,GP73,	4.67E-06	2.03949
AK008566	Gnpnat1,EMeg32,Gpnat1,Gsnpat,AU017428,AU040593	0.00001	1.82896
AK014950	Gnpda2,Gnp2,Sb52,GNPDA,	9.90E-09	1.54723
BC016135	Gnb5,GBS,flr,Gbeta5	0.00013	1.91315
BG069873	Gnb1l,Wdr14,Wdvcf,ESTM55	0.00082	4.48922
BG071068	Gnb1,Gnb-1,C77571,AA409223,MGC98074	2.93E-16	1.64273

NM_138658	Gnas,P1,P2,P3,GSP,Gsa,POH,GPSA,Nesp,Gnas1,Nespl,	8.30E-11	2.26628
AV154513	Gnaq,Gq,Dsk1,Dsk10,Galphaq	0.00064	1.96725
BF228116	Gnai2,Gia,C76432,Gnai-2,Galpha2	0.00002	1.67092
BI662324	Gna13,AU024132,AU043124,Galpha13	9.85E-15	2.98383
NM_010301	Gna11,Dsk7,E430025L19	3.54E-06	2.29341
BG065841	Gm944,KIAA4238,mKIAA4238	0.00035	4.46759
AV003728	Gm1818	1.02E-07	2.31103
AI391218	Glul,GS,Glns	8.69E-06	2.80506
BI329832	Glud1,Glud,Gdh-X,Gludl,AI118167	3.46E-08	1.67071
BC017637	Gltscr2,AW536441,5330430H08Rik,9430097C02Rik	0.00001	2.57969
AW546128	Gli2,AW546128	5.89E-22	13.40546
NM_010296	Gli1,Zfp5,Zfp-5,AV235269	4.90E-11	8.59718
BB795216	Glg1,CFR,CFR-1,ESL-1,MG160,Selel,MG-160,AI593353,AW537898	0.00021	2.74482
NM_019832	Gkap1,42kDa,Gkap42,4933400B15Rik	6.98E-10	2.38798
AW413620	Gig1,C030026M03,C030034L19Rik	0.00091	4.92834
BB364131	Ghr,GHBP,GHR/BP,AA986417	0.00044	4.03896
BB284482	Gfra2	1.79E-27	14.79898
AV354240	Gfra2	2.25E-08	5.20215
U10551	Gem,AV020497	1.44E-06	5.95584
AK013104	Gdi2,GDIB,Gdi3,GDI-B	0.00092	1.7292
BC019374	Gclc,Glcl,GLCL-H,Ggcs-hs,D9Wsu168e	1.23E-08	2.98079
AF411837	Gatad2b,P66beta,AL118180,KIAA1150,mKIAA1150,C430014D17Rik	2.83E-16	7.87108
BB550400	Gas1,Gas-1,AW554192	4.44E-06	1.51185
AU067654	Garnl4,Gm1561,AU067654,MGC130388,mKIAA1039,RP23-20M18.15	3.65E-30	6.03505
NM_008060	Ganab,G2an,Glull,AU042638,mKIAA0088	0.00012	1.723
AV238718	Galnt4,BC024988,MGC32465,2900011G21Rik	0.00036	1.89168
AK019995	Galnt3	0.00016	1.7522
BG064057	Galnt2,AI480629	7.83E-06	3.67007
AV376137	Galnt12,9130206E10,A630062B03Rik	0.0001	3.94946
BM217066	Galnt1	1.92E-06	2.89915
AV307219	Galm,AU015645,AU020959,A530057M15Rik	0.00057	2.5842
NM_021356	Gab1,AA408973,AW107238	8.49E-06	4.19814
BM234433	G431001E03Rik	2.04E-06	2.74424
NM_008057	Fzd7,Fz7	1.14E-10	2.59159
BB371406	Fzd2,Fzd10,Mfz10,Mfz10a,AW456835	4.97E-08	4.73767
AB032010	Fxyd6,Php,0610030I18Rik	1.04E-06	3.77289
NM_008053	Fxr1h,Fxr1,Fxr1p,1110050J02Rik,9530073J07Rik	0.00029	1.50133
AF224264	Fus,Tls,Fus1,D430004D17Rik,D930039C12Rik	4.92E-10	4.38153
NM_011046	Furin,Fur,PACE,SPC1,Pcsk3	1.59E-07	1.63349
BB390817	Fuk,AI303278,1110046B12Rik	0.00041	2.67664
BB488001	Fubp1,FBP,Fubp,Fubp4,D3ErtD330e,9530027K12Rik	0.00013	3.52647
NM_011936	Fto,AW743446,mKIAA1752	0.00009	1.86618
NM_008049	Ftl2,Ftl,Ftl-2	1.29E-06	2.0572
NM_010240	Ftl1,Ftl,Ftl-1,MGC102130,MGC102131,MGC118079,MGC118080	1.14E-24	2.82393
BB540658	Fstl1,Fstl,TSC-36,AI316791,AW107808	1.41E-08	2.38698
NM_008046	Fst	0.00042	4.64214
NM_007984	Fscn1,Fan1,AI663989	7.63E-21	2.61393
U91905	Frzb,Frp,Sfrp3,fritz,frzb-1,frezzled	8.68E-10	20.27516
BB831042	Frk,BSK,GTK,RAK,C85044,BSK/IYK	0.00019	2.85094
BI452538	Frem1	3.35E-07	4.07221
AI462296	Foxo1,Afxh,FKHR,Fkhr1,Foxo1a,AI876417	3.84E-15	2.96041

BB662927	Foxd1,BF-2,Hfh10,FREAC4,Hfhbf2,AI385632	1.44E-24	4.81504
AK005500	Fndc3b,Fad104,AW550168,KIAA4164,mKIAA4164,1600019O04Rik	0.00009	2.8158
BC022140	Fndc3a,Fndc3,D14Ert453e,1700094E19Rik,F730017H24Rik	0.00008	1.92926
BG064340	Fnbp3,FBP11,Fnbp11,2810012K09Rik	3.04E-06	4.43675
AW548221	Fnbp1l,TOCA1,AW548221,MGC30506,2610318I01Rik	2.04E-38	1.69982
AW555664	Flrt2	7.42E-07	1.9591
BB118974	Flot2,Esa,AI573412	4.00E-09	2.88695
BM218614	Flnb,AL024016	0.00047	3.68315
BM233746	Flna,Fln1,ABP-280,F730004A14Rik	9.03E-06	2.26058
NM_022009	Fliih,Flil1,3632430F08Rik	0.00057	1.57023
BB456860	Fkbp4,p59,59kDa,FKPB52,FKBP-52,AL022792,AW208983	0.00025	1.86921
AF483488	Fkbp1a,Fkbp,12kDa,Fkbp1,FKBP12,mFKBP1,mFKBP12	1.42E-09	2.25336
AF126746	Fiz1,AI790204,FLJ00416,MGC117900,mFLJ00416	0.00014	1.78328
NM_008016	Fin15	0.00024	1.63531
BF136544	Fgl2,AI385601,musfiblp	5.60E-07	2.46987
BB732903	Fgfr3,HBGFR,Fgfr-3	4.21E-11	2.79252
M33760	Fgfr1,FLG,Flt-2,Fgfr-1,AW208770	1.07E-08	5.34213
AV240088	Fgf5,go,Fgf-5,angora	9.78E-06	12.51166
BM206792	Fez2,9030616F16,D17Ert4315e	0.00037	2.13079
NM_007999	Fen1,AW538437	6.45E-06	1.98365
BB752524	Fem1c,AI646567,2610312A07Rik,3632443A22Rik	0.00041	1.85469
NM_010189	Fcgrt,FcRn	4.17E-09	2.62804
NM_013908	Fbxw5,Fbw5,AI159739	0.0002	2.62678
BE854125	Fbxw2,MD6,FBW2,Fwd2	0.00091	2.69253
AF441120	Fbxo32,MAFbx,AI430017,ATROGIN1,atrogin-1,4833442G10Rik	1.26E-06	4.76859
BG076338	Fbxo21,AU016673,MGC28066,mKIAA0875,2810425J22Rik	0.00014	3.33208
AV010392	Fbn2,sy,sne,Fib-2,BC063774,KIAA4226,mKIAA4226	4.20E-14	7.82875
NM_011812	Fbln5,A55,EVEC,DANCE	1.07E-06	1.82115
BF228318	Fbln2	3.23E-08	3.53968
BG070068	Fblim1,Cal,Gt10,2410043F08Rik	0.00002	2.6972
AK020164	Fars2,Fars1,2810431B21Rik,6720478K01Rik	0.00063	2.73845
BB097480	Farp1,Cdep,AW228844,BC030329	0	5.98684
BB380312	Falz,MGC54978,9430093H17Rik	1.07E-17	2.48821
BB229957	Fads2,Fadsd2,2900042M13Rik	1.27E-06	4.68006
BC026831	Fads1,DSD,AI317215,MGC37858,0710001O03Rik,A930006B21Rik	4.53E-07	2.53277
BQ173958	F2r,Cf2r,Par1,ThrR,AI482343,MGC28086	2.42E-07	2.27007
BC021876	F11r,JAM,Jcam,JAM-1,JAM-A,Jcam1	0.00004	1.50305
BG071142	Extl3,Extl1,AU040105,KIAA0519,mKIAA0519,2900009G18Rik	4.96E-06	2.61828
NM_010163	Ext2,AI893565	5.48E-06	1.93198
BM231698	Ext1,AA409028	1.15E-11	3.35331
BM219113	Exosc10,p2,p3,p4,RRP6,PM-ScI,Pmscl2,PM/ScI-100	0.00003	3.28752
BB699868	Ewsr1,Ews,Ewsh,AU018891	0.00069	1.62651
AW553781	Evl,AI528774	0	5.70563
BC005486	Ets2,Ets-2,AU022856	9.17E-07	1.59627
BB151715	Ets1,Tp11,Ets-1,MGC18571,p42Ets-1,p51Ets-1,5' domain,D230050P06	4.22E-08	2.69982
BC010592	Ethe1,Hsco,MGC102424,0610025L15Rik	1.84E-11	5.57097
NM_007956	Esr1,ERa,ESR,Estr,ER[a],Estra,Nr3a1,ERalpha,AA420328,AU041214	0	15.5853
NM_016903	Esd,Es10,Es-10,sid478	5.24E-10	1.63361
BB071632	Erh,Mer,Prei1,MGC103398,MGC130271,MGC130272	1.53E-08	2.12011
BM240030	Erbp2ip,Erbin,mKIAA1225,1700028E05Rik	0.00002	4.55361
AI505281	Eral1,Era,MERA-S,MERA-W,AU019798,2610524P08Rik,	2.81E-07	1.96461

BC014822	Ephb3,Etk2,HEK2,MDK5,Sek4,Cek10,Tyro6,AW456895	0.00045	2.15679
AI385584	Epha4,rb,Sek,Cek8,Hek8,Sek1,Tyro1,AI385584,2900005C20Rik	3.44E-06	5.75192
NM_023580	Epha1,Eph,Esk,AL033318,5730453L17Rik	0.00044	1.88283
NM_019427	Epb4.1I4b,Ehm2,AA589614,AU021054,BB007528,D4ErtD346e	1.68E-20	1.70377
AI595744	Eny2,DC6,Ey2,6720481I12,1810057B09Rik	0.00027	2.90278
AV117919	Entpd1,Cd39,AA408691,NTPDase-1,2610206B08Rik	0.00023	4.29363
BC003264	Enpp2,ATX,Npps2,Pdnp2,Autotaxin,PD-lalpha	3.02E-11	5.96466
NM_023119	Eno1,Eno-1,MBP-1,AL022784,MGC103111,MGC107267,0610008I15	0.00003	1.73656
AV329519	Enah,Mena,WBP8,Ndpp1,AI464316,AW045240	7.51E-06	2.67226
BB188266	Elk4,Sap1,BB162516,2310011G17Rik,A130026I01Rik	6.06E-06	3.55515
BB825801	Elk3,Erp,Net,Etrp,Sap-2,D430049E23Rik	2.00E-09	5.93391
AK011870	Elavl1,HUR,Hua,W91709,2410055N02Rik	0.00008	1.64662
NM_007918	Eif4ebp1,PHAS-I,AA959816	0.00093	1.88718
BC027014	Eif4e3,eIF4E-3,AI451927,1300018P11Rik	2.55E-06	2.47447
BB858329	Eif3s8,110kDa,NipilA3,MGC36637,NIPIL(A3),3230401O13Rik	6.43E-06	2.42594
AK002778	Eif3s5,AA409853,MGC90606,0610037M02Rik	0.00003	1.71011
BI412952	Ehmt2,G9a,Bat8,NG36,D17ErtD710e	0.00001	5.51845
X06746	Egr2,Egr-2,Zfp-6,Krox20,NGF1-B,Zfp-25,Krox-20	0.00007	1.79641
NM_007913	Egr1,egr,TIS8,Zenk,Egr-1,NGFIA,Zfp-6	0.00002	2.96283
NM_019397	Egfl6,Maeg	6.66E-27	10.40165
BB315355	Eftud2,116kDa,Snrp116,U5-116kD	0.0001	1.64965
D38146	Efna1,B61,Epl1,EFL-1,Eplg1,Lerk1,LERK-1,AI325262	3.94E-07	2.91415
AK007560	Efhd2,AA408606,D4Wsu27e,2600015J22Rik	0.00046	2.15538
BF100813	Ednrb,s,ETb,ET-B,ET>B<,Sox10m1,AU022549	3.34E-09	2.35649
AW558570	Ednra,ETa,ET-AR,Gpcr10	3.66E-11	10.80432
NM_007902	Edn2,VIC	2.67E-15	8.6371
D43775	Edn1,ET-1,preproET	4.95E-18	5.17324
BG073486	Edd1,Edd,C77315,AW549941,	6.52E-07	1.5222
BC025104	Echdc2,D4ErtD765e,1300017C12Rik,2610009M20Rik	0.00002	2.52226
AI551117	Ece1,ECE-1a,ECE-1b,ECE-1d,AW322500	0.00003	4.13471
BB125261	Ebf1,Ebf,Olf1,O/E-1,Olf-1,AW990631,9830166E18Rik	2.14E-23	6.43409
NM_011816	E430034L04Rik,G3BP,G3BP2,AA409541,KIAA0660,mKIAA0660	8.25E-08	2.7115
BM119343	E430012K20Rik,AI662170,KIAA1223,mKIAA1223,mKIAA3019	0.00004	2.1381
NM_033270	E2f6,EMA,E2F6b,AI462434	0.00064	1.7121
AK017359	E230022H04Rik,AU022236,AU040755	0.0002	3.14869
BB308071	E130306M17Rik	0.00007	7.54287
BI412259	E130112L23Rik,Gm669	0.00013	3.35706
BF453911	E030031F02Rik	0.0006	1.68375
BC006704	Dyrk3,BC006704	1.42E-06	2.84597
BC023347	Dync1I1,LIC-1,Dncl1c1,MGC32416,1110053F02Rik	0.00045	2.44304
NM_026268	Dusp6,MKP3,MKP-3,PYST1,MGC98540,1300019I03Rik	0.00002	3.58837
AK012530	Dusp4,AI844617,BB104621,2700078F24Rik,E130306H24Rik	7.39E-08	3.44731
BB121278	Dusp16,MKP7,MKP-7,AW558566,D6ErtD213e,3830417M17Rik	2.52E-07	2.18711
NM_022019	Dusp10,MKP-5,AI158871,2610306G15Rik	0.00061	2.37469
BB150886	Dst,ah,dt,Bpag,BP230,Bpag1,Macf2,	0.00029	1.86442
BB365998	Dsc3	8.01E-07	8.31299
BG067113	Dpp7,QPP,Dpp2,DPPII	0.00062	2.90579
NM_007876	Dpep1,MBD,AI327012	0.00048	4.51238
BB795072	Dock9,AA959601,AW538057,Zizimin1,D14Wsu89e,	2.28E-18	3.59298
NM_026082	Dock7,Gm430,mKIAA1771,3110056M06Rik	2.11E-08	1.61989
NM_133763	Dnttip1,6430706C13Rik	1.66E-09	2.03371

L31397	Dnm1,Dnm,AI838169,KIAA4093,mKIAA4093	3.03E-06	4.06782
AK012029	Dnajc5,Csp,AU018536,2610314I24Rik	0.00003	3.53266
NM_007869	Dnajc1,MTJ1,ERdj1,Dnajl1,	0.00024	1.71769
AK005680	Dnajb6,Mrj,mDj4,MGC102124	8.95E-06	2.95388
BB085328	Dmd,mdx,pke,Dp427,DXSmh7,DXSmh9	2.44E-13	4.74482
BQ176806	Dlgh1,SAP97,KIAA4187,mKIAA4187,B130052P05Rik	1.88E-06	2.53795
BC021314	Dlg5,T25557,mKIAA0583,4933429D20Rik	1.01E-10	2.15119
BB758432	Dixdc1,Ccd1,Ccd1CL,	0.00042	4.52873
AF177196	Dio2,AI324267	0.00008	9.36094
U91922	Dhx9,RHA,Ddx9,NDHII,NDH II,AI326842,MGC90954	9.22E-07	2.6545
AK010512	Dhx40,PAD,DDX40,ARG147,2410016C14Rik	6.93E-08	2.17421
C76277	Dhx36,Ddx36,AI452301,AU022184,mKIAA1488,2810407E23Rik	4.54E-10	5.11733
AK004665	Dhx35,Ddx35,1200009D07Rik	3.51E-10	2.69642
BB397009	Dhx29,Ddxx,AU043276,37324215M03,E130202M19Rik	0.00028	1.59906
BC014860	Dgkz,mDGK[z],E130307B02Rik	4.57E-18	2.96847
BC023016	Dennd1a,MGC38995,6030446I19Rik	7.28E-09	6.75835
NM_016874	Deaf1,NUDR,AU042387,suppressin,C230009B13Rik	0.00063	2.48702
BF226295	Ddx6,HLR2,mRCK/P54,E230023J21Rik	1.72E-06	2.4162
AK010484	Ddx54,DP97,AI414901,2410015A15Rik	0.00088	2.63475
BC009142	Ddx5,p68,Hlr1,G17P1,HUMP68,MGC118083,2600009A06Rik	8.80E-13	2.04587
NM_138669	Ddx48,MGC6664,MGC6715,mKIAA0111,2400003O03Rik	3.30E-06	1.5295
BM247253	Ddx42,RHELP,RNAHP,SF3b125,	0.00003	1.55671
BC011308	Ddx41,ABS,AA958953,AI324246,2900024F02Rik	0.0004	2.44253
L25126	Ddx3x,Ddx3,Fin14,D1Pas1-rs2	0.00001	3.28096
BB381966	Ddx26,HDB,DICE1,Notch2I,AI480962,2900075H24Rik	2.57E-06	2.97007
AK017926	Ddit4,dig2,REDD1,Rtp801,AA415483,5830413E08Rik	2.53E-06	1.89776
NM_015735	Ddb1,127kDa,AA408517,p127-Ddb1	0.00008	1.76088
NM_016765	Ddah2,G6a,Ddah,NG30,AU019324,AW413173,1110003M04Rik	0.00051	1.99271
AW556888	Ddah1,AI987801,AW050362,2410006N07Rik,2510015N06Rik	6.41E-09	2.96706
AW105916	Dcamk1I,DCLK,Cpg16,mKIAA0369,1700113D08Rik,2810480F11Rik	1.71E-06	4.84588
NM_133188	Dazap1,mPrp,2410042M16Rik	6.23E-06	2.03436
NM_007829	Daxx	0.00039	2.22733
BC021490	Dapk1,AI642003,D13Ucla1,DAP-Kinase,2310039H24Rik	4.35E-07	1.88918
BM195829	D8Erttd82e,FLJ00269,MGC100334,mFLJ00269,9830148H23	1.44E-06	2.52365
U94988	D8Erttd325e,Nulp1,mKIAA1049,1100001J13Rik,1810041K11Rik	0.00008	1.87311
BG066910	D530037H12Rik,C79576	0.00008	3.69904
BB496399	D430043L16Rik,Gm724	2.01E-07	3.43102
BB482650	D430015B01Rik,Precm1,FAM13A1,AI462012	0.0007	2.6463
BB532898	D330040H18Rik	2.92E-15	4.20192
NM_133825	D1Erttd622e,AI987691,AW047450	5.43E-17	2.81543
NM_018872	D1Bwg0491e,Neg,RW1,CC28,YR-23,mKIAA0257,2610524E03Rik	3.08E-09	1.81088
AK016771	D19Erttd678e,4933411H20Rik,6720480F16Rik	0.0006	2.96321
BB051286	D19Erttd678e,4933411H20Rik,6720480F16Rik	0.00014	2.6113
AV307337	D17Wsu104e,Il25,Ly6elg,SF20/IL-25	0.00013	2.19823
BB368203	D17Erttd663e	0.00015	1.89401
NM_028003	D15Erttd682e,2310042P20Rik	0.00002	3.44479
AV114522	D15Erttd366e,Eplin,1110021C24Rik,3526402A12Rik	7.85E-08	5.72008
AV304373	D14Erttd231e,BC028953	8.25E-06	1.82055
BE456208	D12Erttd551e,CHR2SYT,KIAA1228,2410017M09Rik,4921504I16Rik	0.00046	4.26029
AK005026	D10Ucla1,Reep3	0.00009	3.1941
AU014694	D10Erttd610e,GEFT,2410008H17Rik	0.0001	3.00258

BC025490	D030060M11Rik,AV305342,MGC38070	2.18E-07	5.56987
AK004699	Cyp2s1,C79779,AU041727,1200011C15Rik	1.76E-07	2.27061
BM119774	Cyp27b1,Vdr,Cp2b,Cyp1,Pddr,Vddr,Vddr,Cyp40,Vddr1,Cyp27b	6.31E-08	11.91993
AK018713	Cyba,b558	0.0001	2.45596
NM_029787	Cyb5r3,Dia1,Dia-1,C85115,0610016L08Rik,2500002N19Rik	7.35E-11	2.82871
BE133856	Cyb561	0.00005	5.0834
AK015150	Cxxc5,MGC101987,4930415K17Rik	2.54E-08	3.55823
BC003436	Cxx1a,Mart8b,1110012O05Rik	0.00033	1.98107
D87747	Cxcr4,CD184,LESTR,Cmkar4,PB-CKR,PBSF/SDF-1	1.50E-06	2.71539
BI412951	Cugbp1,CUGBP,NAB50,CUG-BP,HNAB50,Brunol2,	0.00014	2.09384
NM_022325	Ctsz,CTSX,AI787083,AU019819,D2Wsu143e	8.01E-13	3.52352
NM_021281	Ctss	0.00081	2.14626
M14222	Ctsb	0.00006	2.392
NM_018737	Ctps2,CTPsH	2.03E-10	2.52711
NM_007615	Ctnnd1,P120,Catns,Ctnnd,AA409437,AU019353,mKIAA0384	1.07E-08	1.91721
BI134907	Ctnnb1,Mesc,Catnb	1.65E-09	6.77116
BG064656	Ctla2b,Ctla-2b,AW545568	2.38E-06	3.61393
NM_007796	Ctla2a,Ctla-2a	2.56E-07	2.18691
NM_010217	Ctgf,Hcs24,Fisp12,fisp-12	2.93E-09	2.05138
BB836888	Ctcf,AW108038	7.62E-06	2.17255
NM_009980	Ctbp2,Ribeye,AA407280,D7Ert45e	4.32E-11	2.36466
NM_007793	Cstb,Stfb,AA960480	0.00006	1.50494
BF124540	Csrp1,CRP1,Csrp,AA408841,AA959891,AW545626	0.00088	2.02519
BB377873	Cspg4,AN2,NG2,4732461B14Rik	2.66E-21	10.82412
BB804298	Cspg3,Ncan,Tgfbt,neurocan,C230035B04	0.00097	2.42853
NM_019389	Cspg2,NG2,hdf,PG-M(V0),PG-M(V1),9430051N09,5430420N07Rik	2.82E-17	6.2014
BB283759	Csnk2a1,MGC102141,Csnk2a1-rs4	0.00084	2.05567
AI326320	Csnk1g2,AI463719,2810429I12Rik	0.0008	1.99871
BE952001	Csnk1e,tau,CKIe,AI426939,AI551861,AW457082,KC1epsilon	7.78E-07	2.20902
BB292252	Csf1r,Fms,CD115,Csfmr,Fim-2,CSF-1R,M-CSFR,AI323359	0.00083	3.92271
BB793369	Cryz,Sez9	0.00003	2.20591
AI429792	Crtc3,TORC3	0.00013	3.41079
AK013854	Crsp3,ESTM7,Med23,130kDa,X83317,mKIAA1216,3000002A17Rik	1.93E-16	2.55982
AW541802	Crkl,Crkl,AA589403,AI325100,1110025F07Rik	3.15E-06	1.86772
BB795494	Crk7,Pksc,CrkRS,AI646528,1810022J16Rik	6.44E-06	1.85335
BF020879	Crk,Crk3,Crko,Crk-I,Crkl,Crk-II,CrkIII,Crk-III	0.00012	1.84095
BE693025	Crispld1,Lcrisp1,Cocoacrisp	5.63E-31	23.17855
NM_007763	Crip1,CRHP,CRP1,Crip	4.71E-18	2.32856
BQ126564	Crim2,KCP,Gm793,AW060220	0.00003	1.72371
BM206467	Crim1,AU015004	5.49E-11	5.46698
BC010712	Cri1,EID1,EID-1,ORF12,PTD014,PNAS-22,2610002K20Rik	1.19E-16	2.91968
AI118522	Creb5,D430026C09Rik	4.88E-17	6.19126
AV021105	Creb3l2,BBF2H7,C530025K05Rik	5.05E-12	3.90119
NM_019696	Cpxm1,Cpx1,Cpxm,Cpx-1,AA986902	6.14E-21	12.14038
BM239527	Cpsf2,Cpsf,MCPSF,100kDa,AI662483,mKIAA1367,2610024B04Rik	0.00092	1.58403
BC010197	Cpe,CPH,fat,Cph1,Cph-1,R74677,MGC7101	1.37E-17	2.94595
NM_007754	Cpd,AA960140,AW322530,D830034L15Rik	8.85E-07	2.96413
AK009614	Cox7a2l,EB1,SIG81,COX7AR,COX7RP,SIG-81,Silg81,MGC103208	8.68E-10	1.99886
BC024686	Copg,Copg1,AU019265,BC056168,D6Wsu16e,MGC66965,D6Ert471e	0.00004	2.77108
BG074456	Col9a3,AV006866	9.27E-07	6.72357
AF064749	Col6a3,Col6a-3,AI507288	0.00002	1.93404

BI455189	Col6a2,Col6a-2,MGC36205	2.32E-09	1.79576
NM_009933	Col6a1,Col6a-1,AI747156	1.70E-11	1.64615
BC013560	Col4a2,Col4a-2,MGC7371,AU019502,canstatin	0	4.14544
BF158638	Col4a1,Col4a-1	0	4.55148
BB044654	Col27a1,AI449266,mKIAA1870,5730512J02Rik	0.00005	10.73791
BE290548	Col23a1,AI429655,2810458L13Rik	6.02E-11	4.20923
D17546	Col18a1,endostatin	0.00059	1.5188
AF011450	Col15a1	0.00002	2.40148
BB521934	Col14a1,AW108078,5730412L22Rik	4.61E-13	3.1685
BB836814	Col11a1,cho	0	4.05357
NM_016706	Coil,Cln80,C79982,MGC37472,p80-coilin	0.00014	2.68561
AA238341	Cog1,Ldlb,KIAA1381,mKIAA1381,6030445I15	0.00057	1.54553
NM_016673	Cntfr,Cntfralpha	1.16E-15	4.75572
BC004040	Cnot8,AA536816,AU015770,AU043059,1500015I04Rik	0.00002	3.32783
NM_024217	Cmtm3,BNAS2,Cklfsf3,AI413895,9430096L06Rik	4.61E-10	3.81441
AK009844	Cltb,2310046E19Rik	5.02E-07	2.21769
AI448973	Clstn2,Cs2,CSTN2,Cst-2,AI448973,KIAA4134,mKIAA4134,	0.00003	8.16741
BG065300	Clstn1,Cst-1,Cstn1,1810034E21Rik	3.49E-12	1.50068
U53455	Clns1a,Clci,ICLN,Clcni,2610036D06Rik,2610100O04Rik	0.00053	1.66411
BB236747	Clic5,B330005L24,5730531E12Rik	0.00051	2.3807
BB398988	Clic4,TU-74,mc3s5,D0Jmb3,mtCLIC	1.35E-20	2.76338
NM_033444	Clic1,G6,Clcp	1.30E-08	2.01974
NM_011334	Clcn4-2,Clcn4,Clc4-2,MGC117899	0.00033	1.51193
NM_028412	Ciz1,LSFR1,ZNF356,0610038H21Rik,2900056O04Rik	1.73E-07	2.32725
BQ174991	Chsy1,KIAA0990,mKIAA0990	0.00042	1.87866
NM_018763	Chst2,Chst2,GST-2,Gn6st,	2.38E-08	4.14563
AK003880	Chst11,C4s,C4ST,C4ST1,C4ST-1,1110020P09Rik	0.00058	2.73311
AK006398	Chn2,Bch,ARHGAP3,1700026N20Rik	0.00004	2.19553
AV228812	Ches1,Ches1l,HTLFL1	0.00003	1.97566
BC020488	Cherp,DAN16,Scaf6,D8Wsu96e,5730408I11Rik	0.00017	1.86501
BB529459	Chd6,5430439G14Rik,6330406J24Rik	2.59E-07	2.17416
BB409331	Cgnl1,Jacop,AI503810,4933421H10Rik,9930020M10Rik	7.58E-11	2.05354
BI248650	Centd2,mKIAA0782,2410002L19Rik	0.00002	3.7026
BB211194	Centd1,ARAP2,Gm148,mKIAA0580	0.00088	2.58876
AV132173	Cenpa,Cenp-A	5.00E-11	2.33002
BB831146	Cebpd	0.00067	1.92749
NM_009876	Cdkn1c,CDK1,Kip2,p57Kip2,AL024410,p57(kip2)	5.05E-06	2.60351
AK004852	Cdk2ap1,Doc1,ST19,Apc10,DORC1,doc-1,Cdkap1	8.75E-11	1.83824
BG072720	Cdh11,Cad11,MGC25339,2810038F24,2610005L07Rik	5.90E-07	2.52964
AV308092	Cdgap,AU041750,5830477L08Rik	8.53E-06	2.01237
AK004547	Cdc5l,PCDC5RP,AA408004,1200002I02Rik	1.72E-07	2.47126
AK008084	Cdc42se1,SCIP1,Spec1,Cdcse1,AW558204,1300002M12Rik	0.00041	1.52784
BB012489	Cdc42ep3,UB1,Cep3,Borg2,AA986861,3200001F04Rik	0.00012	2.02392
BF453885	Cdc42ep2,Cep2,Borg1,AI845703,D19Bwg1013e,1110008C05Rik	0.00006	3.1534
BE824561	Cdc37l1,Harc,Cdc37l,BB159850,2700033A15Rik	9.47E-06	1.55849
M27130	Cd44,Ly-24,Pgp-1,HERMES,AW121933,AW146109	1.51E-19	2.29643
BF123439	Cd24a,HSA,Ly-52	5.53E-08	1.66534
AF004023	Cd200,OX2,Mox2	5.36E-09	3.47484
U89772	Cd151,SFA-1,PETA-3,Tspan24	0.00068	1.57086
NM_010490	Ccrn4l,Ccr4,AU043840,nocturnin	2.10E-14	1.84732
NM_017367	Ccni	5.74E-07	2.65683

NM_007631	Ccnd1,Cyl-1,PRAD1,bcl-1,AI327039	0.00057	2.97162
AF099052	Ccl20,CKb4,LARC,ST38,MIP3A,MIP-3A,Scya20,MIP-3[a],exodus-1	0.00015	3.61306
AW545867	Cblb,Cbl-b,AI429560,AI851073	3.40E-12	2.50744
BB385581	Cbl,cbl,Cbl-2,c-Cbl,4732447J05Rik	5.09E-08	2.29263
NM_022309	Cbfb,PEA2,Pepp2,PEBP2b,Peppb2,AI893578	7.48E-10	1.61708
NM_009814	Casq2,ESTM52,AA033488,AW146219,MGC115896	0.00002	5.88599
NM_009811	Casp6,Mch2,mCASP-6	1.45E-31	3.52212
BG070529	Casp3,Lice,Yama,PPP32,Apopain,Caspase-3,A830040C14Rik	2.61E-06	1.68062
NM_007610	Casp2,ICH-1,Nedd2,Caspase-2	2.36E-09	1.63336
BC008152	Casp1,ICE,Il1bc,Caspase-1	0.00022	2.59364
AK009873	Car12,AI314958,2310047E01Rik	1.72E-07	1.63864
NM_009794	Capn2,Capa2,Capa-2,AI326419,m-calpin	1.62E-10	1.52442
BB136012	Capg,mhb1,gCap39	0.00016	3.8496
BG862223	Camk2b,Camk2d,MGC90738	1.85E-12	5.60058
NM_007594	Calu,9530075H20Rik	1.11E-14	1.69073
NM_007589	Calm2,AL024017,1500001E21Rik	0.00002	1.51124
BI248947	Cald1,AI195384,AV071549,	2.23E-21	5.85802
AK010453	Cad,Cpad,AU018859,2410008J01Rik	0.00018	2.83101
NM_007581	Cacnb3,Beta3,Cchb3	6.40E-07	2.69381
AW494038	Cacna1g,a1G,[a]1G,Cav3.1d,alpha-1G,mKIAA1123	0.00039	2.75078
NM_013878	Cabp2,MGC129493	6.26E-06	3.38625
AF328140	Cables1,ik3-1,Cables	8.78E-14	5.59853
AK014605	Cabc1,AI462003,mKIAA0451,4632432J16Rik	0.00038	2.8775
AV278756	C80913,Rmp,NNX3	1.46E-08	1.52516
C79248	C79248	0.00009	4.52247
BC006740	C330016O10Rik,N4bp3,MGC7136	0.00001	2.1577
BB098431	Imp2,IMP-2	1.77E-07	4.60144
BC023470	C230093N12Rik,Eeig1,AI426465,MGC38572	0.00083	2.54633
AW553275	C230081A13Rik,AA690169,BE132841,	9.16E-07	3.7819
BB183628	C230027N18Rik,A230108E06	4.02E-14	2.67972
AV227574	C2	0.00006	6.0914
AV366874	C1qtnf7,CTRP7,5530401N20Rik,8430425G24Rik	0.00003	7.02476
NM_026125	C1qdc2,1110035L05Rik	2.65E-07	2.1381
AW209204	C130021I20	0.00035	3.04213
BE691546	C030046G05	0.00062	4.49331
BB358264	C030027H14Rik,AI836126	8.37E-13	3.07452
BM932775	Bzw2,HSPC028,MGC7203,1110001I24Rik	0.00002	2.23372
BM240873	Btla,MGC124217,A630002H24	1.01E-09	4.49091
AV028445	Btbd3,MGC25591,mKIAA0952	0.00071	2.044
NM_018772	Bri3,I3,I3 protein	0.00017	1.78379
BE949079	Brf1,GTF3B,TAF3C,TAFIII90,TFIIIB90,2510002F24Rik	0.00041	1.79299
BM219644	Brd8,SMAP,2610007E11Rik,4432404P07Rik,4933408B17Rik	0.00005	2.01279
BI155271	Brd2,NAT,Rnf3,Frg-1,Fsrg1,Ring3	0.00007	2.74878
NM_028227	Brap,3010002G07Rik	0.00014	2.47945
BB005556	Boc,mFLJ00376,4732455C11,DKFZp434L072	0.00001	2.27896
BB482899	Bnc2,MGC124423,MGC124424,5031434M05Rik	3.66E-07	7.47322
U88064	Bnc1,Bnc,AI047752,AW546376	0	3.4983
BC019502	Bgn,BG,PGI,DSFG1,PG-S1,SLRR1A	9.57E-11	2.09615
BM729431	BF642829,AA623876	0.00043	8.00777
BB667581	Bcl2I11,Bim,Bod	0.00037	4.01827
BM119782	Bcl2,Bcl-2,AW986256,C430015F12Rik,D630044D05Rik	0.00007	2.90925

BB329234	Bcl11b,Rit1,Ctip2,B630002E05Rik	0.00093	3.15894
NM_016707	Bcl11a,Evi9,Ctip1,mKIAA1809,2810047E18Rik,4930538E20Rik	3.00E-09	2.46433
AF100339	Bcl10,CLAP,ME10,cE10,CIPER,BCL-10,C81403,CARMEN,AI132454	0.00005	1.90266
NM_013867	Bcar3,AND-34,AI131758	8.29E-16	5.52793
BB151460	BC065085,A030013D21	0.00059	3.47769
AW493518	BC064078	0.00068	3.63988
AV298104	BC054438	1.73E-07	2.10626
AV278332	BC049816,Gm152,MGC59592	0.00004	7.08917
BI409907	BC039093	3.46E-14	2.31459
AV146691	BC038156,E230011F09	9.58E-06	1.57629
BB242234	BC032203,KIAA0240,mKIAA0240	0.00004	1.79063
BC019155	BC031593,MGC36907	6.56E-13	2.31408
BB698852	BC030863	5.69E-09	4.12643
BC027382	BC027382	0.00012	3.6238
BB822306	BC027092,KIAA1052,MGC38792,mKIAA1052,D030051D21	0.00079	2.09908
BB121616	BC026657,Skt,6620402G01Rik,9430077C05Rik,E330027G05Rik	0.00061	2.79371
BC025600	BC025600,AW208946,MGC38046	4.51E-07	3.49544
BC018507	BC018507,C77245,MGC27742,mKIAA0947	0.00019	2.63594
BC027150	BC014699,MGC25911,MGC37042	1.14E-08	7.00099
BB553912	BC010304,KIAA0183	3.79E-13	1.51811
BC006909	BC006909,MGC6888	0.00028	1.53067
BE853170	BC006779,MGC63178,mKIAA1769	0.00078	2.97675
NM_030565	BC004044,C76981,Fam20c,MGC7673,KIAA4081,mKIAA4081	0.00018	2.72958
BB532946	BC003993,MGC7531,AA684037,AI173004,AL022752	2.91E-11	2.36643
BC024449	Bbx,5730403O13Rik	0.00009	5.66352
NM_130452	Bbox1,AI874739	0.00078	2.39571
BM239162	Baz1a,Acf1,Gtl5,cbp146,Wcrf180,BC065123,B930060C03	3.45E-05	1.65767
AW545877	Bat3,G3,BAG6,Scythe,AA408914,D17H6S52E,2410045D21Rik	0.00056	2.03669
BC011067	Bat1a,Bat1,Bat-1,D6S81Eh	1.58E-18	2.09779
AK011545	Basp1,CAP23,Ckap3,NAP22,CAP-23,NAP-22,2610024P12Rik	1.13E-25	3.12553
AK009033	Bap1,uch-x4,AA989761,AW553466,mKIAA0272,2300006C11Rik	0.00013	2.97818
BB114336	Bace1,C76936	7.13E-14	2.37219
BB699417	B930006L02Rik,mKIAA0280,2610030B18Rik	1.84E-08	2.1236
AI099111	B2m,Ly-m11,beta2-m	7.97E-24	1.96325
BB827631	B230396K10Rik	0.00002	2.49208
BB497449	B230373P09Rik	2.25E-06	4.1398
BC024141	B130052G07Rik,MGC38004	0.00068	2.03153
BG068664	Aytl2,C87117,MGC8148,BB137372,BC005662,2900035H07Rik	7.94E-08	5.37856
AA500897	Axl,Ark,Ufo,Tyro7,AI323647	0.00027	2.18212
BB004060	Axin1,Fu,Kb,Ki,Axin,fused,kinky,knobably,AI316800	0.00051	4.0936
AV246615	AW061234	1.18E-25	2.40932
AV305633	AW011752,AW557776,KIAA1387,mKIAA1387,RP23-393O10.1	0.0001	1.6816
BB429147	Auts2,2700063G02Rik,A730011F23Rik,D830032G16Rik	3.92E-08	1.7843
AV024806	AU040377,5930412K08	0.00002	6.01558
BG069874	AU021025	7.97E-08	3.0594
BB705334	Atxn2,ATX2,Sca2,AW544490,9630045M23Rik	0.00007	1.59799
BB818797	Atxn1,Atx1,Sca1,C85907,Ataxin-1	0.00006	4.37706
BB825830	Atrx,XH2,Xnp,ATR2,MRXS3,Rad54,Hp1bp2,RAD54L,ZNF-HX,	1.54E-11	7.46469
NM_009729	Atp6v0c,AtpI,PL16,VATL,Vma3,Atp6c,Atp6I,Atp6c2,AtpI-rs1	0.00047	1.65491
BI080505	Atp1b3,AA409958,AI664000,AW212096	3.03E-07	1.66631
BC025618	Atp1a1,Atpa-1,BC010319,MGC38419	0.00012	2.13346

BM210947	Atox1,ATX1,AI256639	4.41E-15	3.85407
NM_007881	Atn1,Atr1,Drpla,atrophin-1	0.0006	1.75596
AV168389	Atg5,App5l,Atg5l,Paddy,	0.00023	2.35691
NM_019426	Atf7ip,AM,2610204M12Rik	0.00009	2.55214
BM119623	Atf2,mXBP,Atf-2,Creb2,CRE-BP,D18875,	1.85E-12	2.18029
BM207355	Ash2l	1.16E-11	2.40478
AK007519	Ascc1,CGI-18,ASC1p50,AI550520,1810015P09Rik	0.00011	1.88231
BC019117	Ars2,Asr2,ASR2A,ASR2B,ASR2C,ASR2D	0.00013	1.99285
AW556597	Arrdc3,AI450344,MGC107410,mKIAA1376	0.00007	4.18235
BE979985	Arpc1b,L72,41kDa,SOP2Hs,p41-ARC	8.05E-11	2.45263
NM_026139	Armcx2,ALEX2,AI043003,3230401N03Rik	0.00006	3.57212
BC018479	Arl8a,gie2,Arl10b,1110033P22Rik	0.00024	1.98852
NM_019665	Arl6,1110018H24Rik,2210411E14Rik	0.00031	1.67752
BB811124	Arl5a,Arl5,T25534,AA408731,AW610751	0.00005	1.76266
BQ176306	Arl4c,LAK,Arl7,A630084M22Rik	0.0001	2.60709
AV225959	Arl13b,Arl2l1,A530097K21Rik,A930014M17Rik,C530009C10Rik	0.00094	1.82599
AV273623	Arid2,4432409D24Rik	0.00014	2.26343
BG064710	Arid1a,Osa1,Smarcf1,1110030E03Rik	1.16E-17	3.38168
BM246754	Arhgef6,1600028C08Rik,1700038J06Rik,4930592P22Rik	0.00001	3.63333
BE865221	Arhgef2,GEF,Lfc,P40,GEFH1,LFP40,Lbcl1	8.54E-07	2.84564
AV345051	Arhgef10,KIAA0294,mKIAA0294,6430549H08Rik	0.00005	2.88687
AK002516	Arhgdib,D4,Gdid4,Ly-GDI	0.00009	2.47645
BG074665	Arhgap10,PSGAP-m,PSGAP-s,A930033B01Rik	0.00033	2.76924
BB326079	Arfrp2,A430036I03,C230032K13Rik	5.74E-39	6.75836
BI653265	Arf4,AA407803	5.90E-06	1.82882
NM_007472	Aqp1	3.96E-22	2.90756
BQ176992	Apxl,4832440C16,C630003H05Rik	1.41E-11	2.58447
NM_007471	App,Adap,Cvap,Abeta,amyloid,appican,betaAPP,	0.00001	2.08061
BC003792	Apobec1,Cdar1	0.00078	5.13041
AW542721	Apbb2,TR2L,Zfra,Rir1,2310007D03Rik	0.00042	2.48963
NM_009681	Ap3s1,[s]3A,MGC117528	1.59E-13	1.88739
AK007763	Aof2,AA408884,mKIAA0601,D4Ert478e,1810043O07Rik	4.72E-10	2.70228
NM_013472	Anxa6,Anx6,Cabm,Camb,AnxVI,AW107198	0.00012	5.64792
D63423	Anxa5,Anx5,R74653	5.62E-25	2.4299
AF022957	Anp32a,LANP,pp32,Anp32,PHAP1,I1PP2A,W91701	0.0006	3.27727
BB038765	Ankrd25,MGC7734,AI504612,BC010245,MGC12143	0.00001	2.84904
NM_133971	Ankrd10,AW549277,4833425P12Rik	0.00041	2.94061
BC024870	Anapc4,APC4,D5Ert4249e,2610306D21Rik	0.00079	1.51527
BG067039	Amot,CAG-2,C81439,D0Kist1,mKIAA1071,E230009N18Rik	1.80E-07	2.65673
BC010598	Amigo1,A,ali2,Amigo,MGC25558	4.94E-06	3.18209
BB704902	Amaco	1.32E-15	8.4465
BB443911	Als2cr19,PAR3B,PAR3L,	2.33E-12	3.09222
NM_019998	Alg2,ALPG2,CDGli,MNCb-5081,1110018A23Rik,1300013N08Rik	0.00013	1.80334
U95030	Alcam,BEN,SC1,MuSC,CD166,AI853494,DM-GRASP,MGC27910	2.12E-27	6.85221
BC026151	Akt2,PKB,PKBbeta,AW554154,MGC14031,2410016A19Rik	0.00049	2.54018
BB246410	Akap9,C79026,AKAP450,AW545847,mKIAA0803,5730481H23Rik	0.00001	3.82729
BB037566	Akap8,AKAP95,AA673585,AU015639,1200016A02Rik	8.85E-08	1.71959
BB200448	AI503316	0.00001	2.21487
BG063189	AI464131,Gm762,AA408153,AI604836	9.44E-18	5.73688
AI450236	AI450236	0.00019	2.12205
BE865094	AI448196,Gm195	0.00001	3.52644

AI426778	AI426778	4.57E-15	4.77014
BQ174439	AI425999,AW544599	0.00066	3.06655
BB328287	AI256396	0.00029	3.6214
AV244175	AI158848	2.23E-12	7.74506
BQ175532	Ahi1,Ahi-1,D10Bwg0629e,1700015F03Rik	1.53E-08	3.96578
BB831090	Ahcy1,DCAL,Irbt,AA409031,AA414901,Ahcy-rs3,1110034F20Rik	3.39E-07	2.88213
BM208224	Agrn	1.28E-33	2.71708
BB006088	Agl,C77197,AI850929,1110061O17Rik,9430004C13Rik,	2.15E-08	4.7288
BM239026	Aff3,Laf4,LAF-4,3222402O04Rik	1.83E-07	5.50034
NM_007422	Adss,Adss2,AI314886	0.00083	1.57886
AK004270	Adnp,AA589558,mKIAA0784	1.27E-09	1.61554
NM_134079	Adk,AK,MGC6593,AI255373,AI987814,2310026J05Rik	1.32E-09	2.12706
BI410363	Add3,R75380,AI463285	9.03E-06	3.23155
BB746807	Adcy7,AA407758	8.44E-09	3.34737
BB443585	Adams4,ADMP-1,ADAM-TS4,ADAMTS-2,mKIAA0688,3830423K05	0.00014	4.11281
AV226694	Adams18,ADAMTS21,9630038L21,E130314N14Rik	0.00013	6.45887
BB004039	Adams12,AI605170,ADAMTS-12	6.78E-11	3.90102
D67076	Adams1,C3-C5,METH1,ADAMTS,ADAM-TS1	5.46E-38	4.32969
C76813	Adam17,Tace,CD156b	0.0007	2.08575
BG921598	Adam10,kuz,MADM,kuzbanian,1700031C13Rik	1.43E-10	2.262
BG801851	Actr1b,Arp1b,AA960180,AI851923,MGC36526,2310066K23Rik	3.29E-06	1.99918
BE853286	Actn1,3110023F10Rik	4.39E-20	1.75503
NM_019673	Actl6a,Actl6,Baf53a,C79802,AI851094,2810432C06Rik	6.35E-09	1.70813
NM_080575	Acss1,Acas2,Acas2l,AceCS2,AI788978,1110032O15Rik	1.18E-07	5.33578
NM_134188	Acot2,Mte1,MTE-I,AA571646	0.00013	1.75791
NM_012006	Acot1,ACH2,Cte1,CTE-1,CTE-I,D12Ucla1	5.94E-09	1.79844
BI456232	Acly,AW538652,A730098H14Rik	0.00031	1.92323
AV309591	Abcf1,Abc50,GCN20,AU041969,D17Wsu166e	2.20E-06	4.14799
AK016820	Aatf,Trb,Che-1,MGC35916,4933415H02Rik,5830465M17Rik	1.50E-07	2.38277
AI426503	A930031D07Rik,AI850289,A230072B04	1.51E-06	5.52402
BG073439	A830073O21Rik	1.29E-14	3.34419
BE650208	A830039H10Rik,Mlr1	0.00065	1.63909
BM119567	A730054J21Rik	3.29E-19	8.01606
BB323288	A630018P17Rik,Gm390,MGC93029	0.00035	1.50468
X01134	A430107P09Rik,TRAV9-3	0.00003	1.89471
BM218007	A430107O13Rik,6720481P07	0.00073	2.21355
BB446952	A330103N21Rik	2.16E-29	3.28715
AI607603	A230046K03Rik,AA589518,mKIAA1033	5.75E-06	2.07895
C85657	A130040M12Rik,VL30,CA782090,VL30 retroelement	0.00015	6.9912
BB150653	A030007L22	7.54E-12	5.80137
BM233467	9530068E07Rik,C85061,MGC28751,RP23-289H16.2	6.52E-16	2.4532
AK004276	9430020K01Rik,Gm328,KIAA1462,mKIAA1462,1110056P05Rik	0.00074	2.30505
BB527078	9330186A19Rik,cg003,13CDNA73,AI462658	0.00028	1.51626
AI467525	9230110C19Rik	0.00011	2.27388
BB279767	9130404D08Rik,C77863,C79014,KIAA0892,mKIAA0892	5.15E-08	4.55624
BC021408	9030416H16Rik,mKIAA0648,E230024D05Rik	0.00074	1.59099
BB242458	9030203C11Rik	2.83E-06	3.35466
AK018506	8430438D04Rik,MGC116613,D330034A10Rik	9.43E-23	2.87164
BB522197	8430420F16Rik	0.00004	3.80424
BG077646	6820429M01	0.00007	1.90135
BB054275	6720469N11Rik	4.02E-14	6.52349

BC011208	6530411B15Rik,AI463522,RP23-480G5.1	6.21E-25	13.44858
AK018285	6430590I03Rik	0.00062	2.48371
BB770958	6430527G18Rik	2.85E-07	9.45598
AV339861	6430511F03	0.00049	2.75885
AV338754	6430500C12Rik	0.00022	3.43059
BM502719	6330549D23Rik	0.00004	2.14865
BM242294	6330500D04Rik,AI225904,1700108N18Rik,E430013J17Rik	7.37E-31	5.08982
BE949277	6230424C14Rik	0.00061	2.52771
BB345680	6230400D17Rik	6.42E-06	2.59735
AV380797	5930437A14Rik	0.0006	4.14096
AV316216	5830434P21Rik,AI173903,mKIAA0515,D430039P21	0.00023	1.57673
AK017401	5830407P18Rik,5430437C10Rik	0.00029	3.30763
AK018594	5730466H23Rik,AA672646,RP23-353E13.3	0.00015	2.99206
BG972112	5730453I16Rik,AL022757,MGC46982,C330017N18Rik	0.00013	1.71524
BC027108	5730420B22Rik,C77647	2.20E-16	3.08329
AK017436	5530401J07Rik	0.00004	1.68952
AK017331	5430421F17Rik	1.89E-07	5.94897
AK017313	5430416B10Rik	0.00062	2.93216
AI120070	5430406M13Rik,AI607429	0.00011	3.03831
BC019948	5430405G24Rik,AU018890,mKIAA0553	0.00099	1.95253
AK017223	5133401H06Rik	5.35E-07	6.11992
AK017198	5033428A16Rik	5.46E-06	1.52521
BE374941	4932442E05Rik	4.98E-08	2.50865
AK019795	4930569K13Rik,C86578,AU023001	0.00081	2.80137
BG070377	4930566A11Rik	0.00002	4.13643
AV266695	4930519N13Rik,Gm1004,Gm1634,mKIAA0980	0.00025	3.18585
AK005645	4930517K11Rik,RPL39L	2.15E-08	2.46963
AK013448	4930402H24Rik,C78926,AI413763,2810487F15Rik	0.00058	3.12147
AK014853	4921509J17Rik,6330544N02Rik	0.00091	4.88354
BM239430	4833416J08Rik	6.67E-09	2.15712
AW910504	4833416E15Rik,AI428932	2.87E-10	4.64059
BB012037	4832420M10	8.73E-07	4.93146
BC021511	4732486I23Rik,AI502974	2.95E-09	1.98545
BC021511	4732486I23Rik,AI502974	0.00048	1.85121
BQ174442	4732416N19Rik	1.93E-06	2.41996
AK014609	4633401B06Rik	0.00003	4.44991
AK018605	4631408O11Rik	6.83E-38	3.77131
BM208226	3526402J09Rik	1.42E-09	8.55447
NM_133750	3110048E14Rik,C230014M12Rik	6.72E-24	8.84301
AK014112	3110032G18Rik,cfm,cfm2	0.00007	4.61763
NM_021430	2900002H16Rik,FLJ39378,6330559I19Rik	1.27E-06	2.23787
BE196832	2810474O19Rik,GET,AA536804,AU020969,KIAA1551	6.02E-10	4.05858
AK013345	2810402A17Rik,AI448995,AI841128,2310046F18Rik	0.00025	3.5063
BB080131	2810046L04Rik,9330161F11	0.00069	1.86219
NM_026613	2810027O19Rik,AI596202,4930522P10Rik	0.0003	2.03583
BC014764	2810022L02Rik,AA987173,AI480531,AI842453,AW413586	0.00043	2.23457
AK012724	2810012G03Rik,Fam53C	3.52E-18	2.201
AK012666	2810004A10Rik,AI428510,MGC118454	1.95E-18	13.64918
AK006009	2700069A02Rik,AU014748,1010001P15Rik,1700016A15Rik	0.00004	1.58182
NM_133927	2700050P07Rik,AI646725	0.00022	2.11312
AV127581	2700049H19Rik,AI848570	0.00031	2.02579

AV332241	2700008N14Rik,AU019384,RP23-319B15.5	0.00028	1.9915
BC006738	2610028H07Rik	1.66E-09	1.97945
BI409701	2610027C15Rik,MGC36197	1.42E-29	7.86329
BE692399	2610005L07Rik,2810038F24Rik,6720476A01Rik	3.06E-09	1.86803
NM_025921	2610002M06Rik,AI876413	0.00026	2.97797
BI106967	2600011C06Rik,RBM25,RNPC7,AI159652,	0.00004	3.2479
BM118442	2510002A14Rik,AI930088,mKIAA0826,2010313D22Rik	1.11E-26	2.42512
BE692070	2500003M10Rik,C81330	3.59E-06	2.16883
NM_133691	2410104I19Rik,SIAHBP1,2810454F19Rik	1.83E-10	1.68748
AV330483	2410025L10Rik,Gm1049,AI467568,mKIAA1545	4.88E-06	4.07429
C76835	2410018L13Rik,2810480C08Rik	0.00005	2.38966
AV281062	2410004N11Rik,AI451943,AW541186,D17ErtD562e	0.00074	2.1359
AK010185	2310075M15Rik,C85409,mKIAA0230,E330004E07	0.00004	3.23773
AK010113	2310068J16Rik	0.00039	2.25605
BF168366	2310067E08Rik,C85344,2210414F18Rik	0.0001	2.47594
BC021429	2310057D15Rik,C81437,BB183658	0.00039	1.76802
AI415636	2310051F07Rik,AI225898,AL022874,AW546247	0.00014	1.69366
BG061080	2310050P20Rik	0.00019	4.41102
NM_025865	2310030G06Rik,AV017521,2610024D04Rik	0.00009	2.20981
AA189197	2310026E23Rik	1.73E-09	4.04253
BB476775	2310008H09Rik,Tsg118	0.00025	2.53545
AV076385	2310002A05Rik	0.00053	18.17824
AV341977	2300006M17Rik	9.62E-09	2.94748
AK008985	2210419D22Rik	1.17E-19	2.45981
BE981170	2010305B15Rik,AW321064	0.00022	1.73071
AK008485	2010300C02Rik	5.97E-06	5.55564
BC027288	2010111I01Rik,Aopep,2300006M17Rik	2.51E-12	2.0816
BI963682	2010002N04Rik,cl-41,AI195350,AW561905	0.00016	2.92211
BB406585	1810073N04Rik	0.00076	3.37042
BE946046	1810063B05Rik,AI447995	6.68E-11	5.34271
BF472132	1810057P16Rik,E130302J09Rik	0.0007	5.00151
AK007409	1810009N02Rik	0.00035	2.71694
AK007169	1700111E14Rik	0.00034	2.31416
BB486340	1700081L11Rik,KIAA1267,MGC90742,mKIAA1267,9430041J06Rik	0.00014	2.16176
AK006115	1700019E19Rik,R75064	0.00026	1.92225
BG074686	1700012H17Rik,AW049855,5031405P22	0.00005	3.0854
BG060698	1700006J14Rik	0.00022	3.72405
AK002767	1600029D21Rik,PLET1,AA407923,AU043048,0610037B23Rik	4.04E-08	13.44547
BC019498	1500011H22Rik	0.00005	1.96034
AK005192	1500010M16Rik,Gc20,3110001N14Rik	0.00001	1.57176
BF101721	1500005K14Rik,cfm,RP23-9619.3	5.62E-07	6.45688
BG297038	1300007C21Rik,gag protein,murine leukemia retrovirus	0.00008	3.99683
BI076834	1200016E24Rik	0.00016	21.82098
AK004681	1200009O22Rik,AI316813,mKIAA0644	0.00015	3.89061
AV309085	1190002N15Rik	9.47E-21	2.00965
BF180451	1110064A23Rik	0.00007	4.31798
NM_054099	1110038F14Rik	0.00028	1.71101
AV028026	1110034C04Rik,BC064465,mKIAA2010	0.00002	2.26805
BE570477	1110014K08Rik,D030012E24Rik	7.94E-08	2.65768
BC024574	1110012L19Rik	0.0001	1.58947
BB489180	1110012D08Rik	1.58E-22	2.76474

BC020080	1110007F12Rik	7.40E-06	2.89317
BC025641	1110007A13Rik,AU017382,BC025641,MGC36596	0.00036	1.77665
BC016075	0610039K22Rik	1.24E-33	3.42087
AK002491	0610010K14Rik,AL033328,AU045833,1110020A23Rik	6.74E-11	3.88801
AK002304	0610007N19Rik	1.71E-07	4.2264

901 genes down-regulated in BCC (>1.5 fold and P-value < 0.001)			
Accession #	Sequence Name(s)	P-value	Fold Change
BM233793	Zmpste24,MADB,FACE1,STE24,Face-1,Ste24p,	3.01E-15	-1.55618
NM_009571	Zfy2,Zfy-2	0.00004	-3.54389
AK004076	Zfp706,C77232,AA793007,AW536850,3110006P09Rik	0.00004	-1.61021
BC004695	Zfp64	0.00007	-2.61121
AK014497	Zfp185,P1,P1-	1.16E-08	-3.35732
BI695361	Zcchc6,AA420405,MGC38585,6030448M23Rik	1.91E-11	-2.1869
BB417508	Zbtb8os,Arch,Archm,AI851226,2010001H09Rik,2310028N13Rik	0.00004	-1.58968
NM_022985	Za20d3,Awp1,3110005P07Rik	6.25E-09	-1.77692
BC025125	Ypel5,CGI-127,2310076K21Rik	7.34E-17	-2.02594
BB131956	Yif1a,54TM,Yif1,Yif1p,5330422J23Rik	0.00049	-1.99913
NM_009529	Xmr,MGC107294,MGC118207	0.00007	-2.73748
BI102531	Wwp1,AIP5,SDRP1,Tiul1,8030445B08Rik	0.00001	-1.55859
NM_009523	Wnt4,Wnt-4,MGC123964	1.08E-10	-2.65891
NM_009518	Wnt10a	0.00071	-2.01992
AK010881	Wipi2,1110018O08Rik,2510001I10Rik	0.00024	-2.45512
NM_138684	Wfdc12,WAP2,Swam2,MGC32134	0	-42.89845
NM_023191	Wdr61,REC14,2700038L12Rik,2810418I05Rik	2.52E-12	-1.65888
BC017608	Wdr54,D3Mm3e,MGC102039,1700030E05Rik	2.05E-06	-3.77668
NM_021312	Wdr12,Ytm1,Ytm1p,4933402C23Rik	4.11E-15	-1.61423
NM_016800	Vti1b,GES30,SNARE,MVti1b,AU015348,Vti1-rp1	1.04E-09	-1.50544
BC027242	Vav3,AA986410,MGC27838,A530094I06Rik	3.82E-07	-1.81576
BB531498	Vamp3,ceb,D130027G05Rik	3.34E-17	-1.55607
BG070176	Usp45,Gcap7,AI843191,3110003C05Rik,4930550B20Rik	0.00033	-2.32195
AI553394	Usp2,Ubp41,Usp2-45,Usp2-69,B930035K21Rik	8.89E-11	-4.91415
AK013437	Usp16,UBP-M,1200004E02Rik,2810483I07Rik,6330514E22Rik	1.86E-14	-1.93548
BC024355	Usmg5,2010301L15Rik	2.00E-05	-1.60324
BB355934	Unc84b,SUN2,AI551766,C030011B15,B230369L08Rik	7.04E-09	-1.52287
NM_011674	Ugt8a,Cgt,Ugt8,mCerGT,AI850488,AW455908	1.10E-31	-10.59032
BC019434	Ugt1a9,A12,Ugt1a12,mUGTBr/P	2.39E-20	-2.43872
AV313813	Uchl5,Uch37,5830413B11Rik	0.00002	-1.50347
AB033370	Uchl3	2.06E-13	-1.65686
BB703414	Ubie,Gm921,Ubie2	0.00014	-3.80114
AK018443	Ube3a,Hpve6a,KIAA4216,	2.13E-10	-1.6094
BF466063	Tysnd1,1300019N10Rik	0.00007	-2.25328
BB006219	Tyrp1,b,isa,Tyrp,TRP-1,brown	0.00026	-3.64328
NM_011661	Tyr,c,skc35,albino,Tyr<c-em>	3.40E-06	-2.77052
NM_015762	Txnrd1,TR,TR1,Tgr,TrxR1	3.46E-07	-1.73221
AK004219	Txn15,TRP14,D11Ert672e,4831443O22Rik,RP23-207N15.4	1.21E-14	-1.7638
NM_011660	Txn1,ADF,Txn,AW550880	3.87E-09	-1.50438
NM_019742	Tusc2,PAP,Fus1,Lgcc,Pdap2,AA407686,1190001E22Rik	0.00005	-2.09918
NM_011656	Tuft1	0.00021	-1.84068
AV167776	Tubb2c,MGC6713,MGC28623,MGC101937,4930542G03Rik	0.00041	-1.71078
BC003475	Tubb2a,Tubb2,M(beta)2	1.90E-18	-2.56132

NM_017379	Tuba8	8.05E-09	-5.44542
AW491660	Tuba4,M[a]4	4.11E-16	-1.84706
AU019171	Ttpa	3.30E-26	-5.22882
AF052492	Tspan7,A15,Mxs1,PE31,Cd231,	0.00001	-1.91689
NM_019656	Tspan6,T245,Tm4sf,Tm4sf6,TSPAN-6,AI316786	3.21E-07	-1.57881
BB329435	Tscot,Ly110,TSO-1C12,5430429N04Rik	1.32E-09	-3.96618
AU016382	Tsc22d1,TSC,Egr5,TSC-22,Tgfb1i4,AA589566,AW105905	0.00085	-1.52303
NM_019510	Trpc3,Trp3,Trpp3,MGC124333	1.10E-29	-1.23012
AV350958	Trip4,ASC-1,BB191711,4930558E03Rik	0.00012	-2.2885
BB466780	Trim2,narf,KIAA0517,mKIAA0517	5.26E-06	-1.69276
NM_009413	Tpd521l,D53	3.23E-11	-3.22433
BB765813	Tom1	3.89E-25	-2.39329
BQ266486	Tob1,Tob,Trob	0	-2.26436
AF167554	Tnfrsf19,TAJ,Troy,TRADE,	0.00003	-5.34808
NM_028075	Tnfrsf13c,Bcmd,Baffr,Bcmd1	0.00001	-4.48751
NM_021883	Tmod1,Tmod,E-Tmod,MGC124125,MGC124126	0.00052	-2.24847
AK007864	Tmem86a,AI414959,AW742698,1810054O13Rik	0.00009	-2.4005
BB667368	Tmem62,C77355,B830009D23Rik	9.72E-08	-2.7923
BB667728	Tmem56,AU018104,AW109744,4930577M16Rik,C730036B01Rik	4.84E-40	-5.5701
BC019563	Tmem54,AI507302,1810017F10Rik	7.11E-19	-2.5208
BC026654	Tmem45b,BC018222,MGC25912,MGC37581	0.00012	-2.90898
NM_019631	Tmem45a,p19.5,M32486,C630002M10Rik	0.00001	-2.05922
BC019416	Tmem40,W64236,AV091463,9030407H20Rik	0.00005	-1.92963
AK004920	Tmem24,1300006O23Rik	0.00041	-1.91044
AV246773	Tmeff2,4832418D20Rik	0.00002	-1.88258
BC020076	Tmed5,3110020O18Rik,4432412D15Rik	0.00007	-1.59161
NM_013769	Tjp3,ZO-3	0.00004	-3.3866
W82151	Timm8a,Ddp1,Tim8a,Fci-12,DXHXS1274E	1.58E-10	-1.74779
NM_025790	Them2,RP23-92G13.5,0610006O17Rik	3.12E-07	-1.5269
BC025001	Thedc1,AI607300,E230009B14Rik	7.32E-11	-13.04226
NM_011581	Thbs2,TSP2,Thbs-2	9.05E-21	-5.20262
NM_009374	Tgm3,AI893889	5.70E-08	-4.44784
BC026422	Tgm1,Tgase1,2310004J08Rik	0.00023	-2.03535
AK013971	Tex261,TEG-261,AA409339,AI480706,AL033351,3110001O07Rik	0.00066	-1.58764
BM239615	Tex2,Taz4,Def-5,AI553404,4930568E07Rik	0.00016	-1.83487
NM_021344	Tesc,TE-1,MGC117906,1010001A17Rik,2410011K10Rik	0.00096	-6.84654
NM_021480	Tdh	0.00032	-3.019
C85065	Tcta,Tctal,C85065,AW553637,9130410M22Rik	0.00002	-1.69729
NM_013772	Tcl1b3	0.00052	-1.80703
BB550860	Tcfap2c,Ap-2.2,AA409384	2.65E-23	-2.27719
AI019214	Tceb1,AA407206,AI987979,	2.60E-09	-1.59144
NM_009325	Tbxa2r,TP,MGC107665	0.00009	-3.44135
BC002196	Tbc1d20,AI414693,1110028I04Rik,2810442O16Rik	0.00086	-1.50269
NM_019754	Tagln3,Np25,AI426007,2700038H05Rik,2900005O10Rik	0.00028	-4.74882
BC019453	Taf9,Taf2g,AA673500,AU045423,	7.09E-07	-2.6432
NM_025444	Taf13,TAFL18,AI847295,1810004N01Rik,2010309N11Rik	1.56E-10	-2.43531
BC004829	Syngn2,Clast2,cellugyrin	4.05E-20	-1.67703
NM_011504	Stxbp3a,Stxbp3,Sxtbp3,MGC86097,Munc-18c	3.46E-04	-1.64824
AV173139	Stk17b,Drak2,AI120141,3110009A03Rik	5.98E-18	-1.81866
NM_025288	Stfa3,Stf3,Stfa1,MGC118399,MGC130145,MGC130146	6.88E-13	-2.46216
AF297098	Steap1,Steap,Prss24,2410007B19Rik	4.60E-09	-6.00463

BI076697	Stard5,AI607880,D7ErtD152e,2310058G22Rik	3.66E-07	-1.63217
NM_138744	Ssx2ip,Adip,AU014939,AU042321	0.00002	-1.61854
BM210600	Srxn1,Srx,Npn3,TX01,AI854065,AW488194,1700127B04Rik	0.00009	-1.78864
NM_011481	Srms,srm,A230069J08Rik	0.00086	-2.81603
BB817145	Srgap2,FBP2,Fnbp2,srGAP3,AI448945,9930124L22Rik	0.00009	-1.60533
AF174535	Sqrdl,0610039J17Rik,4930557M22Rik	8.40E-06	-1.74658
NM_026335	Sprrl9,AI426284,2310066F03Rik	9.80E-12	-6.02693
NM_027137	Sprrl7,AI415320,2310037L11Rik	2.12E-35	-16.16622
NM_026822	Sprrl5,1110029C13Rik	0	-9.55132
NM_025984	Sprrl3,2200008B06Rik	9.11E-44	-5.43692
NM_028625	Sprrl2,1110004E04Rik	0	-8.67369
AV371678	Sprr2a,MGC117544	1.03E-06	-7.2887
BB815380	Spop,TEF2,Pcif1,AI315626	1.20E-22	-1.53058
BM234794	Spire1,Spir-1,AI415299,AU022898,AW550622,6030430B19Rik	0.0002	-1.7111
NM_016907	Spint1,HAI-1	2.19E-09	-1.82859
AF068749	Sphk1,SK1,1110006G24Rik	0.00025	-2.11906
BC011220	Spfh1,Keo4,2810439N09Rik	6.86E-31	-2.02409
NM_012031	Spag1,tpis	0.00069	-2.82376
BB257593	Sox6,AI987981	0.00082	-2.55675
AY069926	Sox21,Sox25	2.83E-06	-4.42278
AV247637	Sort1,Ntr3,Ntsr3,AI852375,2900053A11Rik	0.00091	-1.89829
BB737680	Sorbs1,CAP,Sh3d5,SH3P12,mKIAA1296,	0.00078	-2.22427
BB022975	Solh	6.99E-09	-2.22926
NM_013671	Sod2,MnSOD,Sod-2,MGC6144	2.50E-14	-2.23343
BG064396	Soat1,ald,Acact,ACAT-1,8430426K15Rik	9.75E-09	-3.24959
NM_016667	Sntb1	0.00048	-4.16426
BC020189	Snrk,R74830,AI448042,	2.39E-04	-2.13262
NM_013669	Snap91,91kDa,AP180,F1-20,mKIAA0656	5.10E-18	-6.1149
BF682880	Snap29,Gs32,AI891940,AU020222,BB131856,1300018G05Rik	1.56E-07	-2.07481
NM_011421	Smpd1,ASM,aSMase,A-SMase	4.10E-06	-1.85307
NM_020519	Slurp1,ARS,ArsB,Slurp-1,AI415082,1110021N19Rik	6.70E-08	-5.36167
BB805362	Slc9a3r1,EBP-50,NHE-RF,NHERF-1,MGC95776	0	-1.88799
BG069516	Slc6a8,CRT,CT1,CRTR,Creat,AA589632	2.08E-07	-1.54896
BC017691	Slc5a8,Ait,MGC19357	0.00008	-2.06838
BC024519	Slc45a3,PRST,k	0.00021	-4.52966
AF226613	Slc40a1,MTP,OI5,Pcm,Dusg,Fpn1,MTP1,IREG1,Slc11a3,Slc39a1	1.77E-09	-2.04732
BC019647	Slc39a11,1810074D23Rik	3.52E-08	-1.64847
BC022752	Slc37a2,ci2,G3PP,ci-2,Slc37a1	6.21E-12	-2.61818
BB106270	Slc35e4,AI414849,AI536442,MGC28785,	0.00048	-1.60329
NM_011402	Slc34a2,Npt2b,NaPi-2b,AA536683,D5ErtD227e	2.91E-10	-2.87028
NM_025286	Slc31a2,AI604396,MGC117640	0.00001	-1.89413
BB771765	Slc31a1,Ctr1,AI787263,AU016967,4930445G01Rik	2.17E-06	-1.86929
X69698	Slc2a3,Glut3,C78366,Glut-3,AA408729,AL023014	5.74E-06	-3.60881
NM_022317	Slc28a3,Cnt3	0.00021	-2.80167
BC023114	Slc27a4,FATP4,BB144259	0	-3.49229
BB186319	Slc25a25,MCSC,MGC36388,mKIAA1896,1110030N17Rik	0.00062	-1.86103
AV008091	Slc25a20,Cact,mCAC,C78826,1110007P09Rik	1.86E-12	-1.65536
AW541300	Slc25a15,Ornt1,D630044L02Rik	2.98E-06	-1.52446
AK019150	Slc25a12,AI839531,2610002D09Rik	2.74E-08	-1.61569
BC003222	Slc25a10,Dic	0.00002	-4.90427
BC017615	Slc24a3,NCKX3	0.00006	-4.8057

BC010590	Slc22a4,Octn1	0.00015	-4.55001
AI303435	Slc1a4,SATT,ASCT1,AW045657	0.00034	-2.63504
BB357585	Slc1a3,Gmt1,Eaat1,GLAST,GLU-T	0.00017	-4.5078
NM_053079	Slc15a1,PECT1,PEPT1,D630032F02	9.63E-07	-2.34016
NM_134251	Slc12a8,CCC9,E330020C02Rik	0.00016	-1.60004
BB496854	Shprh,AA450458,AU024614,BC006883,	0.00044	-2.19736
NM_013709	Sh3yl1,Ray,YSC84,AI314953	0.00064	-1.63432
BB326929	Sh3kbp1,Ruk,Seta,AI447724,	3.03E-06	-1.52763
NM_024480	Sh3bp5l,MGC7813,BC003251	0.00015	-1.93215
BQ176371	Sgpp1,SPP,SPP1,Spph1,mSPP1,AI463453	9.89E-06	-1.82031
NM_009163	Sgpl1,Spl,AI428538,D10Xrf456	3.05E-19	-1.84719
BB478992	Sfxn1,f,2810002O05Rik,A930015P12Rik	0.00006	-1.50564
BC017549	Sft2d2,cl-45,AI506168,AW561909,2010005O13Rik	0.00002	-1.86939
BB221995	Sfrp4	1.02E-07	-2.99464
NM_009144	Sfrp2,Sdf5,AI851596	2.12E-06	-3.69357
AF366401	Sertad1,Sei1,AV000455,AW456625,TRIP-Br1,1110032C13Rik	6.20E-06	-1.62047
NM_011340	Serpinf1,Pedf,Sdf3,EPC-1,Pedfl,AI195227	0.00007	-1.64709
NM_009255	Serpine2,PI7,PN-1,Spi4,B230326M24Rik	0.00002	-1.95554
NM_011459	Serpinb8,CAP2,NK10,Spi8,CAP-2,ovalbumin	9.20E-06	-2.43055
NM_027548	Serpinb7,megsin,ovalbumin,4631416M05Rik	2.12E-20	-6.63513
AI462524	Serpinb5,Spi7,Maspin,AI462524,AI646751,ovalbumin,	1.42E-06	-1.65808
NM_009126	Serpinb3a,Sqn5,Scca2,Serpinb4,1110001H02Rik,1110013A16Rik	0.00044	-2.20235
NM_025867	Serpinb11,AU015399,2310046M08Rik	1.85E-06	-2.32129
NM_008458	Serpina3c,1A1,Kalbp,Klkbp	0.00028	-3.68948
NM_028740	Serpina3a,4933406L18Rik	9.60E-14	-67.79047
AK014346	Serpina12,4632419J12Rik	8.90E-10	-7.75306
AK002313	Serhl,AU019786,0610008B10Rik,1110019M09Rik	0.00082	-1.73607
BC006030	Serbp1,Pairbp1,AL022786,1200009K13Rik,9330147J08Rik	0.00037	-1.53065
AF033350	Sept5,Pnutl1,Cdcrel1,Cdcrel-1	0.00002	-1.74318
AV256403	Sema4d,CD100,Semaj,Semcl2,coll-4,Semacl2	0.00019	-3.34661
BB499147	Sema3d,4631426B19Rik	2.75E-08	-4.58129
NM_019414	Selenbp2,AP56,Lpsb2	1.21E-18	-15.40525
NM_009150	Selenbp1,Lp56,Lpsb,MGC18519	1.98E-19	-28.69029
BC026948	Sec14I4,SPF,TAP,AI256582,AW536553,MGC30313	1.24E-09	-5.01654
AK007641	Sec11I3,1810029G24Rik	2.35E-21	-2.66853
NM_019934	Sec1,Fut3,Fut10	0.00082	-2.39957
C76618	Scp2,SCPx,SCP-2,C76618,C79031,	3.23E-12	-1.54086
AF112185	Scnn1a,Scnn1,mENaC	0.00037	-2.76714
X67702	Scgb1a1,UG,UGB,Utg,CC10,CC16,CCSP,PCB-BP	6.14E-18	-26.21115
BE133651	Scd3,4930513N16Rik	0.00035	-4.96536
NM_009127	Scd1,ab,SCD,Scd-1,AA589638,AI265570	6.82E-33	-3.53816
AB016248	Sc5d,A830037K02,A830073K23Rik	0.00007	-1.57693
AK005441	Sc4mol,DESP4,ERG25,C78600,1500001G16Rik	1.13E-19	-1.88808
NM_011314	Saa2,Saa1,Saa-2,AW111173,amyloid A	1.14E-15	-5.41881
NM_009117	Saa1,Saa2,Saa-1	1.32E-06	-8.8316
NM_020568	S3-12,mKIAA1881	9.12E-09	-3.90208
AF087470	S100a3,S100E	0.00093	-5.27281
BC020031	S100a16,S100F,DT1P1A7,AI325039,AI663996,2300002L21Rik	0.00006	-1.59511
NM_025393	S100a14,S100a15,1110013O05Rik	5.22E-06	-1.73196
NM_009113	S100a13	0.00026	-1.52981
BM217861	Rsnl2,1700024K14Rik,1700074B05Rik,	1.86E-35	-2.18931

BE376079	Rps6ka3,Rsk2,MPK-9,pp90RSK2,S6K-alpha3	0.00035	-2.07378
AV110626	Rpl37,3110005M08Rik	0.00004	-1.54462
BC003896	Rpl17,MGC103289,MGC118163	4.02E-08	-3.1542
BB278046	Rp1hl1,Rp1l1,BC031365,MGC38744	0.0007	-2.7931
Bl660199	Rora,sg,ROR1,ROR2,ROR3,Nr1f1,staggerer,9530021D13Rik	0.00001	-3.05071
T12280	Rnf149,C76763,Greul4,AV037261,1600023E10Rik	2.61E-37	-2.11803
AK004847	Rnf128,GRAIL,Greul1,AI987883,1300002C13Rik	1.13E-10	-1.08254
BB765679	Rnf123,Kpc1,BC003945	1.21E-12	-1.93765
AV101824	Rnaset2,C79750,RNASE6PL	0.00002	-2.08144
NM_011271	Rnase1,Rib1,Rib-1,AI574248	0.00089	-2.14996
NM_024182	Riok3,Sudd,D18Erd331e,1200013N13Rik,E130306C24Rik	0.00001	-1.58883
AF378088	Rhou,Arhu,G28K,WRCH1,	4.17E-15	-2.16094
BG063931	Rhog,Arhg,Sid10750	1.50E-08	-2.01229
NM_011268	Rgs9	0.0001	-1.8664
NM_020509	Retnla,HIMF,Xcp2,Fizz1,RELMa,	2.07E-12	-7.97501
NM_022984	Retn,ADSF,Rstn,Xcp4,Fizz3	8.93E-07	-6.72896
NM_026395	Rer1,AU043380,1110060F11Rik,5830454N22Rik	0.00038	-1.62611
NM_011261	Reln,rl,reeler	0.00002	-2.15744
BE979765	Rdh9,Crad3,AI121090	2.57E-37	-3.17326
BC016204	Rdh12,A930033N07Rik	5.51E-07	-2.69439
NM_080436	Rdh1	1.38E-18	-3.2445
NM_023462	Rbp7,CRBP-III,1110002J23Rik	1.06E-08	-11.02143
BF124648	Rbm35b,9530027K23Rik	0.00001	-1.69949
AA138720	Rbl2,Rb2,p130	0.00005	-1.83619
BC025874	Rbbp6,C77662,AI316869,MGC32263	2.67E-16	-2.20233
NM_025886	Rassf7,AW210608,2400009B11Rik	7.17E-06	-2.20444
BB703307	Rassf3,AW212023,AW322379	1.67E-26	-3.13384
BC026377	Rasd2,Rhes,TEM2,TEM-2,AU045414,4930526B11Rik	0.00056	-2.78863
NM_025936	Rars,AL033339,AW985894,2610011N19Rik,2610037E21Rik	6.02E-09	-1.79325
BC024698	Ranbp10,4432417N03Rik	3.49E-07	-1.60525
AV263855	Ralgps1,RALGEF2,AI853783,AI854138,RALGPS1A,	0.00066	-3.14863
BF319015	Rab3ip,Rabin3,Gtpat12,MGC90794,B230311A06	4.30E-08	-2.04978
BG070713	Rab30,Rsb30,AI323892,5033421K01Rik	0.0001	-3.84951
BB121269	Rab27b,2310021G14Rik	1.83E-15	-4.23098
NM_016899	Rab25,AV012978	5.81E-08	-2.10579
BC010722	Rab11a	1.86E-25	-1.62054
NM_021881	Qk,Qkl,I17Wis1,1500005P18,I(17)-1Wis	0.00015	-2.11673
NM_021534	Pxmp4,Pmp24,3010018P03Rik	7.57E-07	-2.84701
NM_021495	Pvrl3,AA407785,AU016832,AW538082	0.00011	-2.0398
BM220305	Purb,Cager-2,AA114818,D11Bwg0414e,2310015K15Rik	6.78E-08	-1.76379
BC002298	Ptprz1,Ptpz,Ptprz,PTPbeta,PTPzeta,AI850339,	0.00004	-1.51427
NM_023587	Ptplb,AI255777,AI481689,6330408J20Rik	0	-3.54943
AV331223	Ptp4a1,Pri-1,AA415290,AU019864,MGC25304	0.0008	-1.51855
BC011193	Ptger4,EP4,Ptgerep4	3.64E-08	-2.44523
NM_008959	Ptdss1,PSS-1,AU044268,AW539008,mKIAA0024	4.78E-09	-1.52367
AB029145	Psm4,Af1,Mcb1	8.69E-06	-3.23678
AV249558	Psen2,PS2,Ad4h,PS-2,ALG-3,AI266870	0.00065	-2.54354
AV216491	Psat1,PSA,EPIP,Psat,AL024078,AL024083,AU040266	5.45E-15	-2.38216
NM_011171	Procr,Ccca,EPCR,AI325044	1.66E-15	-4.03368
X59274	Prkcb1,Pkcb,Prkcb,PKC-Beta,Pkcbetall,A130082F03Rik	0.00083	-1.73579
BB612385	Prkaa2,A830082D05,2310008I11Rik	0.00043	-2.13707

BC008174	Prdx5,AOPP,PrxV,Pmp20,Prdx6,AOEB166	2.09E-25	-1.95281
BC019216	Pqlc2,BC019216,MGC29170,MGC38094	9.95E-08	-4.30147
AF326558	Ppt1,PPT,CLN1,INCL	0.00024	-1.51038
AK010754	Ppp2r1b,AI790395,2410091N08Rik	0	-2.08178
NM_025800	Ppp1r2,IPP-2,D16ErtD248e,	0.00003	-1.87926
BB035578	Ppm1l,PP2C,Pp2ce,Ppp2ce,	1.03E-15	-1.58868
AF259672	Ppm1a,MMPa-2,MPPa-1	5.54E-08	-2.41151
AF126834	Ppl,AW553870	8.58E-09	-1.96992
AV209130	Ppifs,4930520F12Rik	0.00001	-1.67113
NM_134084	Ppif,PPlase,AW457192	7.61E-19	-2.36051
BB745167	Ppargc1a,Pgc1,PGC-1,Pgco1,PGC-1v,	1.24E-38	-2.30546
NM_011146	Pparg,Nr1c3,PPAR-gamma,PPAR-gamma2	7.49E-06	-7.07711
NM_008903	Ppap2a,LPP1,mPAP,Hic53,LPP-1,Hpic53	8.43E-06	-2.19707
NM_026438	Ppa1,Pyp,2010317E03Rik	4.31E-25	-2.43711
AI528824	Pp11r,Tcl-30	2.27E-06	-1.58892
BG073302	Pop1,MGC36536,4932434G09Rik	0.00061	-2.95897
NM_026190	Polr3g,RPC7,RPC32,AV275904,2310047G20Rik	4.87E-07	-2.23653
AV102258	Polr2l,2510029B14Rik	1.06E-09	-1.55713
AV161379	Polr2f,1810060D16Rik	0.00003	-3.34602
NM_020032	Poll,AV007317,1110003P06Rik	0.0006	-2.73319
AF408412	Pof1b,2310066B14Rik	6.42E-28	-2.16528
AV380429	Pnmt,Pent	0.00071	-2.59994
BI713896	Pmvk,PMK,PMKA,PMKASE,AV001327	1.63E-07	-2.73626
NM_008885	Pmp22,Tr,HNPP,22kDa,Gas-3,trembler	0.00004	-1.69076
BB559706	Plxdc2,Tem7r,AU022916,AV231634,1200007L24Rik	3.50E-13	-1.98376
BC016255	Pla2g4b,Gm1013,MGC28892,A030011C02Rik	1.05E-06	-2.95806
NM_013631	Pklr,Pk1,Pk-1	0.00001	-7.38827
AV304625	Pitrm1,MP1,Ntup1,AA410010,mKIAA1104,2310012C15Rik	2.18E-20	-2.46126
BB504983	Pisd,9030221M09Rik	0.0006	-2.01127
BF318238	Pigp,Dcrc,Dscr5	0.0003	-1.64461
BC023128	Pias3,Pias3L,MGC27936	0.00029	-1.5601
AK004672	Pi16,Cripi,1200009H11Rik	6.68E-18	-8.42812
BF322962	Pgrmc2,DG6,PMBP,4631434O19Rik	1.02E-12	-1.92088
BB095413	Pgd,C78335,AU019875,0610042A05Rik	5.88E-09	-1.60814
AA396586	Pdzk1ip1,Map17,AU046042,0610007F13Rik,2700030M23Rik	0.00024	-2.15773
AK003410	Pdrg1,Pdrg,AU020945,AV006589,1110004D19Rik	0.00004	-1.93481
NM_019417	Pdlim4,Ril	0.00083	-1.90827
BC027196	Pdk1,B830012B01,D530020C15Rik	5.28E-17	-2.45535
NM_011050	Pdcd4,TIS,MA-3,D19Ucla1	1.23E-07	-1.61069
AFFX-PYRUCA	Pcx,Pc	0.00036	-1.67036
NM_008791	Pcp4,Pcp-4,P16Rimb19	6.90E-11	-3.36573
BE865033	Pcp2,L7,Pcp-2	0.00022	-2.15761
AF352788	Pcolce2,Pcpe2,2400001O18Rik	1.99E-07	-2.07194
AA673515	Pcnt,KEN,Pcnt2,C86676,kendrin,AW476095	0.00032	-2.72841
AW106963	Pck1,PEPCK,Pck-1,AI265463	0.00006	-4.03111
AV094898	Pcaf,AI461839,AW536563,A930006P13Rik	7.25E-06	-1.67549
BQ176847	Pbef1,Pbef,Nampt,AI314458,1110035O14Rik	0.00043	-1.64898
NM_008782	Pax5,KLP,BSAP,EBB-1,Pax-5	0.00082	-2.81416
AV103696	Paqr9,1700020G04Rik	0.00086	-2.93456
AV265674	Paqr8,1700019B16Rik,3110001D06Rik	0.00058	-1.95863
BC022922	Paqr7,mPR,Mpra,PGLP,AV001994,BB007237,2310021M12Rik	0.00011	-1.89277

AV220875	Panx3,3230401P04,4833413G11Rik	0.00062	-24.59204
AK017345	Pank1,Pank,Pank1a,	1.20E-08	-2.20089
NM_013626	Pam	2.73E-11	-1.68145
AI152156	Pa2g4,Ebp1,38kDa,Plfap,AA672939	2.78E-08	-1.92578
AF089751	P2rx4,P2X4,AI504491,AW555605,D5Erd444e	0.00004	-1.93479
NM_021879	p,D7Nic1,D7H15S12,D7lcr28RN	1.18E-06	-3.82575
BC021411	Ovol1,Ovo1,movo1,BB147136	5.61E-45	-2.58633
AK006346	Otub2,OTB2,OTU2,AI413508,AW557219	0.00018	-2.29128
NM_020573	Osbp1a,Gm753,Osbp1b,G430090F17Rik	2.07E-14	-2.15853
BC002146	Ormdl2,0610012C09Rik	3.17E-07	-2.28465
BC025572	Ormdl1,C730042F17Rik	3.08E-09	-1.74283
BE628912	Orm1,Agp-1,Agp-2,Orm-1	0.00023	-1.79833
BI409406	Omp	0.00014	-2.739
AB038696	Olig1,Olg-1,Bhlhb6,Oligo1,AI836478,AW494459	0.00001	-3.68331
BB132229	Olfr78,PSGR,RA1c,MOL2.3,MOR18-2,4633402A21Rik	5.67E-06	-2.75657
BB542051	Ogn,OG,OIF,SLRR3A,mimecan,mimican,3110079A16Rik	1.75E-16	-2.73681
BB519474	Odc1,ODC,MGC103389	0	-2.29883
NM_008756	Ocln,Ocl	2.12E-07	-1.76205
BC025020	Oact2,AU022889,AW547221,2810049G06Rik	0.0008	-2.00771
NM_130858	Nxph3	0.00012	-2.44901
NM_019738	Nupr1,p8,Com1,2310032H04Rik	1.34E-18	-3.01395
AV037573	Nt5c3,p36,Nt5y,PN-1,PN-I,PSN1,UMPH	1.50E-20	-2.44055
NM_016710	Nsbp1,GARP45,NBP-45,MGC103386	2.74E-06	-1.58419
NM_032002	Nrg4,AI552600	3.51E-06	-2.79451
BC026832	Nrd1,NRD-C,AI875733,MGC25477,2600011I06Rik	1.40E-07	-1.627
NM_010933	Nppc,CNP	0.00057	-2.77541
BC022734	Npl,0610033B02Rik	4.93E-08	-9.7555
BC016107	Npal2,Nipal2,9330161F08Rik	6.37E-26	-2.56134
X96585	Nov,C130088N23Rik	0.00064	-2.42059
AW121498	Nos3as,eONE,sONE,Gm574,Apg912,Apg9I2,Apgdc2	1.69E-07	-2.40821
AK004120	Nola3,NOP10,NOP10P,1110036B12Rik	0.00005	-1.58743
BC007151	Nol1,120kDa,A530002O17	0.00013	-1.87786
AV156640	Nme1,NM23A,AL024257	2.03E-12	-1.51751
BC019952	Nkd2,AW212591,2210403L10Rik	9.22E-06	-3.65588
NM_016720	Neu3	0.00015	-2.40526
AV161987	Ndufb9,1190008J14Rik	6.70E-31	-1.58496
NM_026614	Ndufa5,2900002J19Rik	1.54E-08	-1.5167
NM_008681	Ndr1,Tdd5	0.00004	-1.66237
AV309418	Ndr1,RTP,DRG1,NMSL,	5.97E-11	-2.03631
AA038464	Ndg2,AI267078,1620401E04Rik	0.00006	-1.91156
BC026372	Ndfip1,N4wbp5,0610010M22Rik	1.95E-06	-1.66036
BE285362	Ncbp2,20kDa,C79367,AA536802,AI843301,5930413E18Rik	0.00043	-1.70085
AW537064	Nav3,POMFIL1,unc53H3,	9.61E-07	-2.49534
AK010275	Napg,SNARE,2400003O04Rik	5.96E-12	-1.52903
AW538068	Nadk,MGC7589,BC004012	1.15E-12	-1.60762
BE133806	Myo6,sv,BC029719	4.28E-37	-1.84353
AJ002522	Myh1,Ild,MdMs,Ild/x,Myhs-f,	0.00085	-11.40612
BB046347	Mycbp,Amy-1,AW552132,AW742590,5730488M09Rik	8.91E-12	-1.85199
NM_033597	Myb,c-myb,M16449,AI550390,MGC18531	0.00007	-3.08103
NM_138656	Mvd,C78718	0.00043	-1.84938
NM_031188	Mup1,Up-1,Ltn-1,Mup-1,Mup-a,Lvtn-1,2610016E04Rik	1.68E-09	-12.48046

NM_008645	Mug1	1.81E-13	-10.48495
BE989081	Mtdh,3D3,Lyric,AV353288,3D3/Lyric,D8Bwg1112e	0.00003	-2.46647
AV067008	Mtch2,HSPC032,2310034D24Rik,4930539J07Rik	3.18E-12	-1.61252
AV337593	Mtap2,MAP2,Mtap-2	1.14E-10	-10.82077
NM_008631	Mt4,MT-IV	0.00002	-10.55124
AA796766	Mt2,Mt-2,MT-II,AA409533	3.55E-22	-5.48017
BC027262	Mt1,MT-I,Mt-1	0.00008	-4.66162
NM_013601	Msx2,Hox8,Hox-8,Hox8.1,BB122635	0.00004	-4.17545
NM_008243	Mst1,Hgfl,D3F15S2h,DNF15S2h,D9H3F15S2	0.00078	-2.98132
NM_026322	MsrA,MSR-A,MGC101976,2310045J23Rik,6530413P12Rik	0.00046	-1.66705
NM_025796	Mrpl33,0610009M10Rik	0.00003	-1.54909
AI385618	Mpz,P0,Mpp,P>0<,P-zero,P>zero<	1.26E-15	-9.93709
BG066186	Mpp7	1.32E-10	-3.09836
BC026425	Mospd2,2410013I23Rik	4.60E-07	-1.70988
BC018329	Mospd1,MGC103065,1810018L05Rik	1.82E-06	-2.17958
AK006387	Mod1,Mdh-1,Mod-1,MGC91072,D9ErtD267e	0.00004	-2.06412
AI447812	Mocs2,AI415403	0	-2.24079
AI839848	Mobp,MOBP69,MOBP73,MOBP81	6.67E-05	-1.63459
NM_011985	Mmp23,CA-MMP,MGC130334,MGC130335	0.00077	-4.11738
BC021914	Mmd,AA690185,1200017E07Rik,1810073C06Rik	3.78E-20	-2.68965
NM_031378	Mlze	4.95E-08	-3.88782
AF100171	Mlf1,HLS7	5.25E-06	-5.38115
NM_021462	Mknk2,Mnk2,Gprk7,2010016G11Rik	2.28E-29	-1.63593
BB763517	Mitf,bw,mi,wh,vit,vitiligo,MGC124309,MGC124310	4.73E-12	-2.05476
BB836564	Minpp1,AA408516	3.67E-08	-1.84112
AF196480	Mid2,FX2,Trim1	0.00035	-1.65106
NM_026524	Mid1ip1,Mig12,3110038L01Rik	0.00044	-1.73155
AV066880	Mgst2,GST2,MGST-II,MGC41409	3.22E-11	-1.60982
BI150149	Mgst1,Gst,1500002K10Rik	0	-3.55455
BI411560	Mgll,Mgl,AA589436	1.01E-22	-9.32143
NM_133201	Mfn2,Fzo,D630023P19Rik	1.01E-10	-1.99321
BC022666	Mfap4,RP23-155J3.5,1110007F23Rik	1.83E-06	-2.28805
NM_025907	Mettl6,AI467521,AU020711,1600013P15Rik	0.00015	-2.23813
BC024445	Metrl,BC019776,MGC25696,9430048M07Rik	4.17E-26	-2.28303
BG086961	Metap2,p67,Amp2,Mnpep,AI047573,AL024412,MGC102452	0	-1.8454
BG064851	Metap1,AW047992,KIAA0094,mKIAA0094,1700029C17Rik	0.0001	-1.6342
AW555393	Mest,Peg1,AA408879,AI256745	0.00002	-2.98673
U13371	Mdfic,Kdt1,Mdfid	4.45E-14	-2.09722
BC010486	Mcts1,MCT-1,1500019M23Rik	4.48E-09	-1.74283
NM_010777	Mbp,mld,shi,Hmbpr,C76307,R75289,golli-mbp	0.00005	-3.43772
NM_010773	Mbd2,MBD2a	0.00004	-1.54043
BB470596	Mat2a,MGC6545,D630045P18Rik	0.00053	-1.71056
BG076407	Marveld2,MARVD2,Mrvldc2,BC003296,MGC55067	0.00011	-2.35344
AK005032	March8,Mir,1300017E09Rik	0.00016	-1.75192
BC027056	Mapre2,EB1,EB2,RP1,AI314113,D18Abb1e,C820009F03Rik	0.00008	-2.29437
NM_011950	Mapk13,SAPK4,Serk4	1.52E-11	-2.25781
NM_016693	Map3k6,MAPKKK6	3.86E-09	-2.38704
L13103	Map3k1,Mekk,MEKK1,MAPKKK1	1.76E-14	-1.77013
BB055232	Map2k6,MEK6,MKK6,Prkmk6,SAPKK3	0.00001	-4.67053
AU080586	Map1lc3b,Map1lc3,1010001C15Rik	1.01E-07	-1.62268
AK002644	Mansc1,9130403P13Rik	0.00035	-1.96261

BB127697	Mal2,AI461653	2.83E-06	-2.64073
NM_025571	Magmas,CGI-136,AV006767,2010110109Rik	0.00002	-1.62497
NM_011942	Lypla2,Lysoll	4.24E-10	-1.69983
NM_033478	Ly6g6d,G6d,G6f,NG25,NG32,MEGT1,A930024F17Rik	1.40E-07	-8.1163
NM_010741	Ly6c,Ly-6C,AA682074,AA959465	0.00058	-1.71939
BC002070	Ly6a,TAP,Sca1,Sca-1,Ly-6A.2,Ly-6A/E,Ly-6E.1	4.01E-06	-1.73409
AK014312	Lum,Ldc,SLRR2D	6.01E-13	-3.73041
NM_008522	Ltf,Lf,Ms10r,N lobe,MMS10-R	2.69E-13	-3.58924
BC019794	Lrrc3b,LRP15,BC019794,MGC30505	1.23E-05	-1.88843
BC003305	Lpl	1.15E-06	-4.29205
M65143	Lox,TSC-160,AI893619	6.14E-07	-1.73606
BC020118	LOC435565	0.00091	-2.19152
BG066943	LOC213248	0.00046	-3.22227
NM_010727	LnX1,LnX	0.00047	-1.59901
BC024836	Lmo7,Gm914,C78582,FBXO20,mKIAA0858	0.00032	-1.80645
AY033650	Llglh2,MGC27928,9130006H11Rik	0.00004	-1.79164
X16834	Lgals3,GBP,L-34,gal3,Mac-2	8.04E-07	-1.8088
AY029533	Lass5,Trh4,AU045339,AW544927,2310081H14Rik	1.49E-11	-2.044
BB006809	Lass4,Trh1,2900019C14Rik	1.70E-13	-5.89836
AJ294535	Lancl1,p40,Gpr69,Gpr69a,AW124738	1.95E-09	-1.98186
BB132473	L1cam,L1,CD171,NCAM-L1	0.00001	-1.7825
AV007306	Krtdap,Kdap,sk221	3.38E-07	-1.9405
D89901	Krtap6-3,HGTpII.3	1.07E-08	-13.43688
NM_015809	Krtap5-4	8.33E-10	-12.32653
NM_027844	Krtap5-2,4833428E21Rik	6.14E-07	-9.86666
NM_015808	Krtap5-1	2.03E-07	-8.67681
AF345294	Krtap16-4	0.00002	-7.36828
AA930779	Krtap16-2	0.00036	-2.62256
NM_010671	Krtap13,4C32	0	-100
NM_010670	Krtap12-1,AI507309,AI586068,D10Jhu14e,MGC130277,MGC130278	1.17E-08	-8.86336
AF312019	Krt2-ps1,kertain complex 2,	4.80E-07	-7.5166
X74784	Krt2-17,Krt2e,Krt2-2,BB005427	0	-58.92218
AY028607	Krt2-16,HRb-1,Krt2-3,AV235125	0	-100
X65506	Krt1-5,HRa-1,Krt1-22	0	-100
NM_016880	Krt1-24,Ha5,Krtha5,AI662400	0.00004	-6.92905
NM_033373	Krt1-23,K23,CK23,Haik1	1.02E-07	-4.6031
NM_010665	Krt1-2,Ha3,mHa2	6.04E-09	-7.36094
AK014360	Krt1-10,K10,K1C1,Krt-1.10,D130054E02Rik	1.02E-07	-2.24574
BB815530	Kitl,Gb,SF,Sl,Clo,Con,Mgf,SCF,SLF,Steel,contrasted	4.09E-06	-1.58636
BC016221	Kif1c,Ltxs1,D11Bwg1349e,B430105J22Rik	1.40E-11	-1.53376
BQ175246	Kif1b,D4Mil1e,AI448212,	5.65E-06	-1.54199
NM_026214	Kctd4,AU017169,2210017A09Rik	0.0002	-2.19007
BM220945	Kctd12,Pfet1,Pfetin,AU046135,AW538430,6430514H16	5.45E-10	-1.85811
NM_010607	Kcnk2,TREK-1,AI848635,A430027H14Rik	1.52E-08	-2.83498
NM_027398	Kcnp1,KCHIP1,AI842357,AW494471	0.00092	-1.89489
NM_145922	Kcnc4	0.00034	-1.34561
BQ175978	Kcna1,MBK1,Mk-1,Shak,Kv1.1,mceph,Kca1-1,AI840627	0.00002	-2.12051
BB469300	Kbtbd8,Takrp,AU040152,MGC91215,mKIAA1842	0.00007	-2.59015
AI842353	Kazald1,Bono1,AI842353,IGFBP-rP10	0.00074	-1.92785
BF227962	Jmy	0.00079	-1.90513
BM293452	Jarid2,Jmj,C79929,C79931,AI317256,AU045941	0.00053	-1.64121

BI966443	ltn2a,E25,ltn2,AW108051	0.00013	-2.01726
M57525	ll1rn,IL-1ra,F630041P17Rik	0.00066	-2.12349
NM_010555	ll1r2,CD121b,ll1r-2	3.33E-11	-2.49362
AV232344	ll1f5,IL-1H3,IL1HY1,AI413231,FIL1delta	0.00003	-1.76962
AY071844	ll1f10,MGC130267,MGC130268	9.59E-19	-6.23155
NM_008360	ll18,lgif,il-18	1.27E-16	-3.26306
NM_134159	ll17rc,il17rl,IL-17RC,IL17-RC,IL17-RL,1110025H02Rik	4.85E-07	-3.67494
BF225802	lgfbp5,IGFBP-5,AI256729,AW208790	1.18E-24	-10.68208
AV175389	lgfbp3,IGFBP-3,IGgfbp3,AI649005	7.48E-17	-1.90535
BG075165	lgf1,lgf-1,lgf-l,C730016P09Rik	4.93E-07	-2.42759
AY082613	lft20,AU015496,RP23-399H5.8,0610009H04Rik	1.82E-08	-2.12839
NM_013562	lfrd1,PC4,lfnl,Tis7	7.09E-40	-1.98418
BC004801	ldi1,MGC8139,MGC118013,4832416K17Rik	7.19E-22	-1.74772
BF019883	ldb2,C78922,AI255428	2.82E-06	-1.70506
BM231738	hyou1,Cab140,Grp170,Orp150,CBP-140,AI415631	0.00014	-1.64169
NM_010489	hyal2,AI256841,AU020858,AW555733	0.00063	-1.75929
AF061972	htatip2,CC3,30kDa,TIP30,AW111545	8.93E-08	-2.15018
AF250139	hspb8,H11,Cryac,E2IG1,	1.17E-09	-3.55594
U03561	hspb1,27kDa,Hsp25	0.00038	-1.9111
BC004714	hspa2,70kDa,HSP70.2,HSP70A2,Hsp70-2,MGC7795,MGC58299	9.88E-07	-2.09614
NM_015765	hspa14,70kDa,NST-1,HSP70L1,Hsp70-4	1.47E-10	-1.85318
BM200015	hsdl2,2610207I16Rik	0.00088	-1.57287
AK012103	hsd17b12,Kik1,KIK-I,AI172963,2610510O05Rik	1.18E-15	-1.8089
AY027660	hrnr,S100a18,AV011854,S100a18-ps1,	0	-7.94951
AF193796	hoxc13	7.34E-10	-2.21077
AB017136	homer2,CPD,Vesl-2,Cupidin,AW539445	1.61E-36	-3.02027
BC024546	hod,Hop,Ob1,Obl,Hdop,Toto,Cameo,	8.54E-10	-1.97094
NM_080462	hnmt,AI788969,1500031F01Rik	0.00017	-2.71751
NM_010442	hmox1,HO-1,Hmox,Hemox,Hsp32,D8Wsu38e	0.00001	-2.29033
BB705380	hmgcs1,MGC36662,MGC98430,B130032C06Rik	0	-1.50934
BB744589	hlf,E230015K02Rik	0.00045	-2.34151
BC010564	hist2h2aa1,Hist2,H2a-615,AI448581	0.00004	-1.90824
M25487	hist1h2bp	0.00006	-1.81732
NM_023422	hist1h2bc,H2bfs,R74621,2610022J01Rik	2.30E-11	-2.38637
NM_025798	hint3,HINT4,HINT-4,0610010I17Rik	6.26E-11	-2.51084
NM_019814	higd1a,Hig1,AI303276,AW049839,2210020B17Rik,7420700H20Rik	2.13E-09	-1.79705
NM_010422	hexb	0.00002	-2.26194
AK019546	herc4,mKIAA1593,1700056O17Rik,4921531D01Rik	7.75E-15	-1.7308
NM_019487	hebp2,SOUL	3.91E-13	-2.67692
BI696085	hebp2,SOUL	0.00001	-3.05482
BF580567	hcfc1r1,HPIP	8.16E-10	-1.87928
NM_134248	havcr1	4.30E-04	-1.50346
L07645	hal,Hsd,his,histidase	1.61E-25	-7.60789
BI466860	hagh,Glo2,Glo-2,Rsp29,BC019817	1.86E-07	-1.91841
AV018774	hadhsc,Hadh,AA409008,AU019341,AW742602	9.11E-24	-1.81875
BF460630	habp4,4933413D03Rik,4933428J01Rik	0.00022	-3.82652
BF661121	h2afj,MGC118637,E130307C13	5.71E-07	-1.5333
NM_023123	h19	0.00012	-3.10168
BC024625	guk1,GMK,Guk-1,AA409738,AL033299,AL033300,AV026611	6.83E-22	-1.92812
AI172943	gsta3,Gst2-3	0.00001	-3.34399
NM_008182	gsta2,Gstc2,Gst2-2,Gstc-2,MGC29061	1.58E-31	-16.87156

AI506986	Gsdm1,Gsdm,H312E,BB149167	4.14E-06	-1.94995
NM_024478	Grpel1,MGC8152,AA408748,mt-GrpE#1,mt-Grpel1	9.75E-33	-1.78338
BC013080	Grhl1,MGR,LBP-32,Tcfcp2l2	3.06E-31	-1.99958
NM_011825	Grem2,Prdc,Gremlin2	0.00009	-1.70673
AV259880	Gramd3,NS3TP2,AW061306,9030613F08Rik,9130427A09Rik	6.64E-17	-1.85575
NM_008161	Gpx3,GPx,AA960521	3.82E-06	-4.30835
AK008086	Gpt1,Gpt-1,1300007J06Rik,2310022B03Rik	0.00028	-2.78423
BQ175510	Gpr37,Pael-R,AI848630	0.00005	-3.71107
AK016567	Gpm6b,M6B,Gpm6,AI593561	1.22E-06	-2.09296
BF449735	Gpm6a,M6A,Gpm6,MGC38999	0.00002	-4.75769
BB503189	Gpd1,Gdc1,Gdc-1,AI747587,KIAA4010,mKIAA4010	0.00004	-4.79603
NM_008149	Gpam,GPAT	8.81E-09	-1.65101
NM_018762	Gp9,Cd42,GPIX,MGC130579	0.00001	-3.32942
NM_010321	Gnmt	6.21E-10	-6.71142
NM_025278	Gng12,AA536815,AI115529,AI314170,AI842738,2010305F15Rik	0.00007	-1.66026
BQ174580	Gnai1,Gnai-1,AU046200,Gialpha1	1.43E-09	-1.72367
BB626288	Gm1752,Gm611,MGC15606	0.00072	-2.75591
BC016584	Gltpl,C76925,C77564,1110001F24Rik	3.05E-07	-2.39825
BB172698	Glr2,Grx2,AI645710,1700010P22Rik	0.00033	-1.51142
AF276917	Glr1,Glr1,C86710,D13Wsu156e	6.96E-13	-2.81868
NM_010291	Gjb5,Gjb-5,Cx31.1,Cnx31.1	1.16E-21	-4.6388
NM_008127	Gjb4,Gjb-4,Cx30.3,Cnx30.3	0.00012	-1.6744
NM_010281	Ggh,gamma-GH	4.10E-11	-1.52817
BB550907	Gdpd2,Gde3,Obdpl,9130017L10Rik	1.65E-24	-11.22792
AK013138	Gcat,Kbl,AI526977	0.00017	-4.16743
BM124000	Gba2,F630034E04	8.15E-07	-1.99674
BB241507	Gba,GC,GBA1,GLUC,GCase	1.27E-10	-2.0778
BI650268	Gas5,Gas-5,MGC6251	7.63E-06	-2.22662
BE199211	Gas2l3,Gm240,8430435B07Rik	0.0006	-3.11419
AV302406	Galnt7,AI225872	0.00093	-1.89413
NM_144731	Galnf7	0.00088	-1.89234
AK002510	Gal3st1,CST,Gcst	4.15E-08	-3.12593
AI323528	Gadd45b,Myd118,AI323528	7.71E-20	-4.30363
BC027245	Gabrp,MGC38123	2.03E-09	-2.69543
BC027245	Gabrp,MGC38123	1.75E-07	-4.26198
BF160931	Gabarapl2,Gef2,GATE-16,AI173605,	1.99E-14	-1.9361
NM_008062	G6pdx,G28A,G6pd,Gpdx	5.46E-16	-2.39701
NM_008059	G0s2,AI255151,AV006465	6.08E-08	-4.46165
AJ428065	Fyco1,Mem2,RUFY3,ZFYVE7,2810409M01Rik	0.00005	-1.57761
NM_033648	Fxyd4,Chif,AI267073,MGC107631,0610008I02Rik	3.52E-12	-3.97337
BM054266	Fuca2,0610025O11Rik,5530401P20Rik	3.63E-15	-2.16618
AW490901	Fts,Ft,Fif,Ft1,AL023020	1.44E-10	-2.41218
NM_008238	Foxn1,nu,Whn,nude,Hfh11,MGC124316,	0.00062	-3.76292
AV290700	Fmod,SLRR2E,AI131919,AU041740	9.78E-08	-6.27733
U41739	Fhl1,KyoT,KyoT1,KyoT2	1.34E-06	-2.45478
NM_007994	Fbp2,Fbp1,Fbp-1	0.00066	-3.06678
NM_019395	Fbp1,Fbp2,Fbp-2,FBPase 1	0.00024	-4.50733
NM_007986	Fap	0.00001	-3.59985
BG072083	Fancg,Xrcc9,AU041407	0.00044	-2.39213
BI872590	Fahd2a,Cgi-105,1500003K14Rik,B430104H02Rik	5.73E-06	-1.59
NM_007983	Faf1,Fam,Dffrx,AA408698	9.33E-15	-1.66959

BC002008	Fabp5,Klbp,mal1	2.29E-06	-1.80218
BC002148	Fabp4,Ap2,Lbpl,ALBP/Ap2	1.83E-12	-3.68839
BM118638	Fa2h,FAAH,Faxdc1,G630055L08Rik	0	-16.77785
BC024886	F3,TF,Cf3,Cf-3,CD142,AA409063	1.28E-12	-5.7165
NM_007969	Expi,WDNM1	9.40E-08	-2.99853
NM_025276	Evpl	0.00033	-1.91479
BC015076	Eva1,Eva,Mpzl2	7.39E-07	-1.50449
BI456953	Etv3,Pe1,METS,AI414410	2.40E-22	-1.86338
BM234652	Ero1l	1.18E-12	-1.87518
AK014556	Eps8l1,DRC3,EPS8R1,AW060268,2310051G19Rik,	3.70E-12	-2.78002
BM238943	Eprs,Qprs,C79379,2410081F06Rik,3010002K18Rik	0.00016	-1.51229
BC026387	Eppk1,EPIPL,EPIPL1,6230424I18Rik	5.28E-10	-1.72178
BI684958	Epb4.1l1,4.1N,NBL1,mKIAA0338	0.00001	-1.94009
AV376291	Entpd5,Pcph,Cd39l4,mNTPase,AI196558	6.00E-06	-1.81861
AV255351	Entpd4,Lysal1,AI414893,mKIAA0392,	0.00047	-2.2354
BC005602	Elovl7,AI840082,9130013K24Rik	2.56E-11	-2.35569
NM_130450	Elovl6,FAE,LCE,C77826,MGC107467	3.55E-14	-5.47688
BB829575	Elovl4	0.00002	-2.47806
BC016468	Elovl3,CIN-2,Cig30	3.59E-19	-7.22443
BB748075	Elovl1,Ssc1,AA407424,BB151133	3.30E-06	-1.68313
NM_138953	Ell2	3.13E-30	-2.25308
BC012424	Elf5	1.21E-06	-3.72725
BQ176989	Elf5,MGC36374,MGC36509,D12Ert549e	1.72E-06	-1.80648
AV216873	Eif3s6ip,PAF67,HSP-66Y,MGC37328,0610011H21Rik	0.00071	-1.96732
NM_018799	Eif3s2,36kDa,Trip1,D4Ert632e	8.22E-13	-1.53125
BB379268	Eif3s1,C78575,AA409117,AA409446,	0.00011	-1.59601
AA985754	Eif2s2,EIF2,38kDa,EIF2B,AA408636,AA571381	0	-1.58243
BQ175028	Eif2s1,35kDa,Eif2a,eIF2alpha,0910001O23Rik,2410026C18Rik	0.00024	-1.5389
AI327005	Eif2b5	9.52E-09	-2.23919
NM_010122	Eif2b4,Eif2b	4.15E-12	-2.6375
BC003426	Eif2b1,26kDa,EIF2B,EIF2BA,MGC6458,D5Ert406e	4.07E-31	-2.19595
NM_025437	Eif1ay,AI426898,1500010B24Rik	1.51E-23	-1.8001
BC006789	Ehf,AU019492,9030625L19Rik	0.00023	-1.77666
NM_010119	Ehd1,Past1,RME-1,AA409636	3.94E-07	-1.52115
BB284358	Egln3,SM-20,AI505553,AI648162,2610021G09Rik	7.51E-07	-1.90494
AA388313	Efna3,Epl3,EFL-2,Ehk1-L,LERK-3	7.40E-07	-2.10077
BC019531	Efhd1,PP3051,AI452351,MGC103094,4931430I01Rik	0.00002	-4.88169
BC023060	Efemp1,MGC37612	4.47E-07	-4.0353
NM_007899	Ecm1,p85,AI663821	2.28E-07	-2.01278
NM_025855	Echdc1,AI314462,AI930038,D10Ert667e,1700028A24Rik	4.37E-16	-4.25574
NM_007898	Ebp,Td,mSl,Pabp,AI255399	9.16E-11	-1.601
NM_025975	Dynlt3,Tcte1l,AU042796,2310075M16Rik	1.86E-12	-1.62514
NM_134068	Dusp22,JKAP,JSP1,MKPX,	0.00019	-1.62878
AK009744	Dusp14,Mkp6,MKP-L,D11Ert395e,	8.33E-08	-2.7308
BB004080	Dusp11,AI481497,2010300F21Rik	1.41E-24	-2.28344
BC019480	Dus1l,1110032N12Rik	0.00006	-1.87072
AV297961	Dsp,DP,AA407887,AA407888,	0.00007	-1.64379
NM_053090	Drctnb1a	0.00014	-1.58225
NM_010074	Dpp4,Cd26,THAM,Dpp-4	8.99E-10	-1.99408
AK002562	Dp1l1,Reep6,0610011M24Rik	0.00004	-2.53745
BB396885	Dnpep,AA407814	7.97E-06	-1.63793

BB762738	Dnm2	2.82E-09	-3.74788
AK004575	Dnaja3,Tid-1,Tid1l,C81173,1200003J13Rik,1810053A11Rik	0.00081	-2.45355
AW108486	Dmpk,DM,Dm15	2.19E-26	-5.2576
NM_010056	Dlx5,AI385752	2.83E-07	-3.44416
U79738	Dlx3,Dlx-3,AV237891	0.00009	-3.74005
NM_007865	Dll1,Delta1	0.00033	-1.71082
BC002232	Dip3b	1.11E-30	-3.02757
AK009385	Dhrs7,retDSR4,retSDR4,AW061210,2310016E22Rik	0	-6.68234
NM_026819	Dhrs1,AW112170,D14Ert484e,1110029G07Rik	0.00004	-2.58606
BC004738	Dhcr24,mKIAA0018,2310076D10Rik,5830417J06Rik	0.00004	-1.62287
AK002443	Dgat2,DGAT-2,0610010B06Rik	0	-3.48271
NM_007859	Dffb,CAD,CPAN,40kDa,DF40,Didff,5730477D02Rik	0.00002	-3.72816
NM_021428	Dexi,Myle,AI836170,AW413143,D16Bwg0586e,1810029J14Rik	0.00003	-1.66759
BC008266	Dennd2d,MGC6915,AI451421,2010308M01Rik	6.71E-06	-2.71474
AV286991	Degs1,Degs,Des1,Mdes,AA536663	8.19E-08	-2.59177
BC024380	Defb1,mBD-1,AW260221	4.96E-08	-2.58652
AK003863	Deb1,AI463209,1110020I04Rik	2.31E-10	-1.52687
BB550183	Dbp	1.39E-06	-2.23405
BB115327	Dbi,Acbb,ACBD1	8.42E-08	-2.15473
BB534613	D830044I16Rik	0.00007	-1.61078
NM_138594	D6Wsu163e,C12orf4	0.00002	-1.64907
BC019947	D2Bwg0891e,R74724,	3.25E-06	-1.7564
D17892	D17892	0.00004	-5.11275
BC022097	D15Wsu75e,AI427858,AI850401	6.04E-15	-2.31935
NM_134007	D10Ert214e,AU043990,AW743335	0	-2.81206
NM_007817	Cyp2f2,Cyp2f	1.73E-34	-8.88807
NM_007814	Cyp2b19	3.10E-21	-8.11632
AF128849	Cyp2b10,p16,Cyp2b,Cyp2b20	0.00002	-9.40519
NM_009992	Cyp1a1,AHH,AHRR,CP11,P450-1	2.30E-24	-5.92054
NM_007809	Cyp17a1,Cyp17,p450c17	1.90E-10	-10.21085
AK005148	Cyfp2,Pir121,AA930218,AU022376	0.00004	-2.20297
BC025438	Cyb5r4,b5b5r,B5+B5R,C79736,Ncb5or,	1.62E-12	-1.95631
AK010858	Cyb5r3,Dia1,Dia-1,C85115,0610016L08Rik,2500002N19Rik	0.00046	-2.80751
NM_019932	Cxcl4,Pf4,Scyb4	0.00064	-2.13891
BB357580	Cttnbp2,ORF4,Cortbp2,mKIAA1758,6430526E05,4732477G22Rik	3.92E-06	-2.54378
NM_007799	Ctse,CE,CatE,A430072O03Rik,C920004C08Rik	6.07E-07	-3.65742
BF457754	Ctnnbip1,ICAT,AW457332,Catnbip1,1110008O09Rik	1.02E-09	-1.92574
BC019483	Cth,Cys3,AI314617,BC019483,MGC28655,0610010I13Rik	8.59E-09	-5.24437
AI323359	Csf1r,Fms,CD115,Csfmr,Fim-2,CSF-1R,M-CSFR,AI323359	3.60E-06	-1.96293
BB248249	Csdc2,Pippin,AI415250,AI481750	3.03E-10	-4.86888
AK013953	Crygf,Len-2,Cryg-2,DGcry-2,3110001K11Rik	4.37E-13	-3.47954
NM_007773	Crybb2,Aey2,Phil,Cryb-2	7.49E-08	-4.86217
BB161253	Crif3,Crif2,Creme9,Cytor4,BB164954	7.40E-09	-1.89361
NM_009638	Crisp1,Aeg1,CRISP-1,AW324342	5.26E-06	-6.48356
BC027426	Creg1,Creg,AA755314	8.58E-06	-1.65541
AU015319	Crb3,AU015179,AU041752,5730439B18	0.00075	-1.62485
BC006668	Crat,CARAT,AW107812	0.00035	-2.10387
NM_013496	Crabp1,Rbp-5,Crabpl,Crabp-1,AI326249	0.00006	-3.50556
AV231491	Cpeb2,A630055H10Rik	8.76E-15	-2.17846
BM941165	Cox17,AI037035	2.34E-07	-1.90141

BG974128	Cops7a,D6ErtD35e	0.00097	-1.82233
NM_017478	Copg2,AW227625	0.00002	-1.68164
BB264843	CommD9,AA409293,1810029F08Rik	7.24E-25	-1.94198
BE133720	CommD6,1110059J08Rik,1700063H17Rik	4.78E-07	-1.54926
BF227507	Col1a2,oim,Cola2,Cola-2,Col1a-2,AA960264,AI325291	4.49E-10	-1.62761
AK004399	Cntn1,CNTN,F3cam,AW495098	1.11E-16	-8.06858
NM_033570	Cnnm4,AcDp4,5430430O18Rik	0.00003	-1.90929
NM_020612	Cmar	1.90E-06	-2.2154
AV152288	Clu,Cli,ApoJ,Sgp2,SP-40,Sgp-2,Sugp-2,AI893575,D14Ucla3	1.61E-14	-1.61541
AF033565	Clk3,AI256811,MGC36552,MGC103028	5.27E-12	-1.9467
AK009020	Clic3,2300003G24Rik	8.61E-15	-4.98534
NM_009131	Clec11a,Scgf,Clecsf3,AW457320	9.26E-14	-3.44157
BC003868	Cldn8,AI648025	6.78E-10	-4.67894
BC019534	Cldn23,2310014B08Rik	0.00007	-4.68001
T25545	Clcn5,Clc5,T25545,5430408K11Rik,D930009B12Rik	0.00004	-2.3165
BI739053	Clcn3,Clc3	0.00085	-1.52727
NM_019952	Clcf1,CLC,Bsf3,MGC129162,MGC129163	0.00009	-2.54598
NM_007702	Cidea,AW212747	4.43E-07	-3.53307
BC019472	Churc1,chch,My015,1700030P15Rik	1.77E-06	-1.71136
NM_021439	Chst11,C4s,C4ST,C4ST1,C4ST-1,1110020P09Rik	7.72E-06	-2.40387
NM_009893	Chrd,Chd	0.00005	-3.01968
BI692256	Chchd7,1810049H20Rik	1.76E-11	-1.89608
BC025169	Chac1,1810008K03Rik	0.00022	-3.89196
NM_133869	Cept1,AI788721,BB118941,9930118K05Rik	0.00029	-1.75556
BM231053	Cdsn,AI747712	5.13E-25	-3.26382
NM_007672	Cdr2,AA617262	2.87E-39	-3.55135
AK007630	Cdkn1a,P21,CDK1,CIP1,SDI1,	3.36E-11	-1.93801
AI646399	Cd3z,Cd3,T3z,Cd3h,TCRk,	5.88E-06	-3.68223
BB534670	Cd36,FAT,GPIV,Scarb3	0.00009	-3.00826
AV084904	Ccl6,c10,MRP-1,Scya6	2.52E-06	-3.43128
C76605	Ccdc12,C76605,2700094L05Rik	0.0003	-1.64276
NM_007625	Cbx4,MPC2	6.06E-10	-1.87783
BC026595	Cbs,HIP4,AI047524,AI303044,	0.00069	-2.39554
NM_007606	Car3,Car-3,BB219044	3.36E-10	-11.89764
AK010166	Car13,2310075C21Rik	1.57E-16	-2.14183
AB050203	Capn8,nCL-2,nCL-2'	7.48E-06	-3.67139
BG071931	Camk1d,CKLiK,A630059D12Rik,E030025C11Rik	0.00049	-2.12091
NM_027416	Calml3,AI326174,2310068O22Rik	4.83E-07	-2.33263
BQ174680	Cacng5	0.00016	-2.76235
AU016322	C86187	0.00008	-2.7164
NM_030888	C1qtnf3,Cors,CTRP3,Corcs,CORS-26,AI315029,2310005P21Rik	0.00008	-3.55776
NM_021550	C1galt1c1,C81205,AB030184,1500002I11Rik	2.93E-06	-1.55861
NM_009770	Btg3,ANA,tob5	1.91E-07	-2.19023
AV231340	Btc	1.54E-08	-6.53029
BB223872	Bscl2,Gng3lg,seipin,AI046355,2900097C17Rik	4.74E-27	-2.64925
BC018324	Brp44,ESTM43,AA108335,0610006C01Rik	5.71E-35	-1.73258
BB610351	Bola3,1810056O20Rik	0.00087	-1.59905
BE992311	Bola2,Bola-2,1110025L05Rik	6.32E-07	-1.58844
NM_009760	Bnip3,Nip3	0.00008	-2.37156
BB329439	Bmp2k,BIKE,AA673486,AV128808,4933417M22Rik	2.45E-07	-1.73485
AV239587	Bmp2,Bmp2a,AI467020	1.05E-25	-5.2395

AF068182	Blnk,Bca,BASH,Ly57,Ly-57,Lyw-57,SLP-65	7.96E-08	-1.69594
NM_007541	Bglap1,OC,OG1,Bglap,mOC-A	4.03E-23	-3.50019
NM_009760	Bdnf	3.40E-05	-1.76012
AA407595	Bccdin3,D5Wsu46e,MGC28888,MGC30590	0.00017	-1.75522
AV094648	Bcap31,Bap31	7.46E-18	-1.72625
AY092026	BC054059,SMAF1	2.52E-09	-4.25906
AV012073	BC027309,MGC28139	0.00012	-3.71445
BC026374	BC026374,MGC31116	3.65E-17	-12.43562
BC019561	BC019561,MGC28728,A230074A19Rik	0.00076	-3.21435
AF118272	BC018473	0.00012	-2.5103
BC025823	BC011467,MGC37865	1.94E-27	-3.01447
BC004728	BC004728,Smagp,MGC7903	0.00081	-2.07942
NM_030561	BC004004,MGC7550,2400006G15Rik	1.34E-10	-1.6103
BG071718	Bat5,NG26,Bat-5,MGC19234,D17H6S82E	1.29E-06	-1.91035
AF153440	Bambi,2610003H06Rik	4.10E-12	-4.17717
BG066773	B4galt6,AA536803,AU022389	0.00086	-2.11074
BB769694	B230312A22Rik,KIAA1539,mKIAA1539	1.29E-11	-2.2583
BC002154	AW125753,Nse1,2310003N02Rik,4731402F03Rik	6.31E-11	-1.52942
BC026642	AW049765,Stap2	1.30E-06	-2.19768
BI649826	Avpi1,esu,VIT32,mVIT32,AA410041,2310008N12Rik	0.00014	-1.94214
BB397506	Attp,8430408E05Rik	4.20E-06	-1.76626
AW610650	Atp8a1,APLT,Atp3a2,Class I,	0.00049	-2.6775
BG072708	Atp7a,Mo,br,Blo,l14,MNK,blotchy,mottled,brindled,DXHXS1608e	5.46E-25	-2.25297
BI154058	Atp6v1g1,VAG1,ATP6J,Vma10,Atp6g1,AA960677	0.00011	-1.53425
AV105788	Atp6v1d,VATD,Vma8,Atp6m,1110004P10Rik	7.32E-14	-1.67493
AV339131	Atp6v0b,Atp6f,VMA16,2310024H13Rik	0.00051	-1.56128
AF218252	Atp6v0a2,Tj6,Stv1,TJ6M,TJ6s,ATP6a2,	0.00052	-2.75428
NM_007507	Atp5k,Lfm1,MGC107302,2610008D24Rik	0.00004	-1.51062
AV240631	Atg4b,Apg4b,Aut1,Atg4bl,2510009N07Rik	4.35E-19	-2.13591
BC005552	Asns	4.56E-07	-1.69504
AV212753	Asns	8.23E-06	-1.69982
NM_134162	Asah3,Cer1,AI662009,2310024P18Rik	1.17E-06	-6.27211
BB322201	Arx	0.00004	-3.90831
NM_011790	Arih2,ARI2,UIP48,TRIAD1,AI843547	0.00048	-2.34871
BC024657	Apoc4,Acl	0.00018	-3.15774
NM_007469	Apoc1	0.0008	-1.54707
BB770932	Apcdd1,Drapp1,EIG180,AB023957,AU041258	0.00007	-1.78651
BB271021	Apcdd1	3.83E-09	-2.0089
BC001985	Ap4s1,AI314282	6.99E-14	-1.74508
NM_023631	Aox4,AOH2,2310003G12Rik	0	-10.67264
NM_009675	Aoc3,SSAO,VAP1	0.00027	-3.08059
BC022726	Ankrd33,MGC31569,A930021G21Rik	0.00005	-2.56553
AV104707	Ankrd13c,AI505652	1.49E-12	-1.54949
BB628935	Ank3,AnkG,Ank-3,MGC14049,Ankyrin 3	1.88E-07	-1.56119
NM_009665	Amd1,Amd-1,AdoMetDC,MGC91044,MGC102468	1.03E-07	-1.86555
NM_011786	Aloxe3,e-LOX-3	1.00E-08	-2.777
BB554189	Alox12,P-12LO,Alox12p,9930022G08Rik	1.97E-06	-5.36017
BC024112	Aldob,Aldo2,Aldo-2,BC016435,MGC36398	0.00031	-2.44684
AW146041	Akr1c21,AI315367,MGC102401,9430025F20Rik	0.00027	-10.30778
BM233292	Aim1,AI462491,AI463325	0.00006	-1.62906
BQ175572	AI838259	0.00003	-3.51976

BC006605	Al661453	0.00002	-2.15741
BG066303	Al450241	0.00007	-2.60348
D50523	Al316828,TUG1,taurine upregulated gene 1	0.00007	-1.95298
BE994529	Agpat4,1500003P24Rik	0.00002	-3.1723
AK005139	Agpat4,1500003P24Rik	2.03E-08	-4.58655
NM_133919	Aff1,Af4,Rob,Mllt2h,AW319193,9630032B01Rik	0.00037	-1.68924
BG064927	Aebp2,B230313N05Rik	9.76E-20	-1.74937
NM_054088	Adpn	2.79E-09	-3.38974
NM_013459	Adn,DF,factor D	0.00001	-4.83144
BG074607	Adipor2,ADCR2,Paqr2,Al115388,AW554121	3.76E-16	-1.77929
AV301634	Adipor1,Paqr1,ACDCR1,CGI-45,2810031L11Rik	2.01E-08	-1.58908
NM_009605	Adipoq,Acdc,apM1,30kDa,GBP28,adipo,Acrp30	7.60E-14	-9.1008
AK007397	Adh6a,Adh5a,1810009C16Rik	0.00042	-22.5019
BC013477	Adh1,Adh-1,ADH-AA,Adh-1e,	0	-23.52399
NM_007408	Adfp,ADPH,Adrp,AA407157	4.51E-08	-1.8694
NM_007393	Actb,Actx,beta-actin,E430023M04Rik	7.34E-19	-1.97311
NM_019811	Acss2,ACAS,Acs1,Acas1,Acas2,AceCS1,1110017C11Rik	0.00003	-1.68796
AB022340	Acsm3,Sa,Sah	5.27E-07	-10.08947
AK006541	Acs15,ACS2,ACS5,Faci5,1700030F05Rik	6.31E-06	-2.06288
BC006692	Acs11,Acs,Acas,FACS,Acas1,Faci2	3.06E-39	-2.72673
NM_053178	Acsbg1,BG1,Lpd,R75185,mKIAA0631,E230019G03Rik	1.08E-16	-7.13279
NM_019811	Acas2	2.34E-05	-1.68796
BC026559	Acadvl,vlcad	0.00013	-1.81799
AV235115	Acad9,NPD002,4732402K02,2600017P15Rik,C630012L17Rik	0.00014	-1.95384
BC022940	Acacb,Acc2,Accb,Al597064,AW743042	0.00053	-3.53541
BC024677	Abpb,C2a,Scgb2b5	7.99E-08	-2.9891
BG065289	Ablim1,Limab1,abLIM-L,	4.56E-07	-1.63379
BC026627	Abi3bp,TARSH,Al506287,BG172926	3.61E-20	-2.9541
AK007421	Abhd5,CDS,IECN5,NCIE2,CGI-58	0.00071	-1.72437
BG067888	Aak1,C79663,R75501,AU067724,	0.00001	-1.59683
NM_023383	Aadac,Aada,Al265437,5033417E09Rik	8.37E-21	-3.90338
BI248354	AA536743	0.00025	-1.52662
NM_008896	A130027P21Rik	1.18E-23	-1.89394
AK002962	A030009H04Rik,AA589459,AB041807	0.00009	-2.05316
NM_030006	A030005L19Rik	6.62E-10	-17.1163
NM_030005	A030005K14Rik,BB150353	1.81E-08	-8.8783
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BC023401	9130404D08Rik,C77863,C79014,KIAA0892,	0.00019	-1.57653
NM_025779	9030408N13Rik	0.00001	-2.94041
BG066131	8430420C20Rik	2.13E-08	-2.28838
AW108242	8030451F13Rik	0.00006	-2.37618
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BF011349	6620401M08Rik,1700006C13Rik	0.00013	-5.0686
BB667858	6330578E17Rik,1700001A24Rik	0.00001	-1.6079
BB460424	6330505F04Rik,D130066O12,4930535D10Rik	0.00087	-2.15427
AV328515	6330442E10Rik,AU019070,9830138K24	2.66E-06	-4.65232
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BB005022	5830404H04Rik,Al314146,Al449533,	0.00002	-3.10651
BC017138	5730596K20Rik,Al465397,MGC28761,4633402C03Rik	0.00006	-1.70411

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BB006121	4933439C20Rik,MGC65558,MGC103350	0.00002	-1.70093
BB096900	4933402J24Rik	0.0001	-2.58106
BB510904	4930520K10Rik	0.00089	-2.10565
BB242046	4930507D05Rik	0.00048	-2.43125
AK015432	4930449I04Rik	0.00025	-2.56963
NM_025736	4921531G14Rik,AV060620,AW209495	3.59E-06	-1.79439
BC025074	4732497O03Rik,HCA66,MGC25509,RP23-253E9.3	0.00007	-1.60501
BC025830	4732466D17Rik,AI098026	0.00003	-4.26646
AK014586	4632417N05Rik,AI117603	7.74E-16	-4.01911
NM_027334	3300001H21Rik,Aam-B,2210414H16Rik	2.77E-22	-8.13739
BC028766	3300001G02Rik,AL033324,C16ORF33	0.00006	-1.56321
BC005579	3230401D17Rik,AI256769,RP23-297J14.5	7.85E-12	-1.5173
BM234253	3110004L20Rik	0.00037	-1.80139
NM_133725	3110001I20Rik,AI504340,C630011I23	7.05E-09	-1.72651
BC021353	3110001A13Rik,AA589595,AA959793,AI132312	9.41E-10	-1.80085
BM210204	2900091E11Rik,5730495F03Rik	0.00088	-1.81553
AV328280	2900019G14Rik,AI159670	0.00085	-2.84374
BF134369	2810443J12Rik,AW060693	1.56E-06	-1.54375
AV225967	2810439K08Rik,AW319712	9.90E-15	-1.9864
BB029149	2810409H07Rik,PTD004,2510025G09Rik,2810405J23Rik	0.00009	-1.56887
AI836168	2810405K02Rik,AI836168	0	-5.93355
BC024599	2810003C17Rik,lba2,C87647,AI043124,MGC30545	0.00093	-1.8728
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AK012178	2610528K11Rik,AI414895,2610200O14Rik	0.00043	-1.60658
AK012175	2610528J11Rik	0.00024	-1.93714
AK019979	2610528E23Rik,AV099812	0.00062	-1.58438
AV008714	2610318K02Rik	1.75E-07	-1.54162
BF782285	2410016F19Rik,AU019813	0.00055	-2.15388
AV017653	2400002F11Rik,MGC41042	8.76E-09	-1.8458
AK010217	2310079G19Rik	0.00002	-100
NM_133739	2310075C12Rik,MGC102366	4.46E-09	-1.51643
NM_133739	2310075C12Rik,MGC102366	1.38E-07	-1.54805
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AK009986	2310058N18Rik,Krt24,2310075C18Rik	0.00059	-26.59272
NM_027170	2310057N15Rik,Krtap13-1,MGC129405	0	-100
BC010826	2310056P07Rik	0.00003	-1.8754
NM_025621	2310050C09Rik	0	-15.07845
AK009800	2310044G17Rik,AI842544,AI853744,mKIAA1737	7.45E-21	-3.00266
NM_025966	2310039H08Rik	0.00001	-1.57656
NM_054100	2310034C09Rik	0	-100
BB001825	2310020A21Rik	0.00017	-2.30535
NM_019974	2310015I08Rik,TLSP,Prss20	0.00014	-1.87484
AV232798	2310014L17Rik,C77118,AV237412	7.08E-20	-3.01712
AK009207	2310007H09Rik	4.11E-12	-8.67057
AK009173	2310005G13Rik	0.00088	-15.71411
AV074000	2310002J15Rik,AV023762	6.62E-20	-3.56183
AJ310638	2310001A20Rik,AI314817	0.00096	-1.67244

AK009010	2300002G24Rik,AA589624	0	-2.45561
BC027185	2210023G05Rik	3.58E-23	-6.39701
BF225441	2210010L05Rik,AI836200,AW212394,9630025I22Rik	1.92E-08	-1.72942
AK008522	2010305C02Rik,RP23-384C18.8	1.35E-10	-2.26155
AV069567	2010107H07Rik	0.00086	-1.96666
BC024943	2010107G23Rik,AA545165	0.0004	-1.75135
BG975168	1810063B05Rik,AI447995	8.14E-07	-2.02647
NM_025559	1810046J19Rik,AI463380	3.88E-06	-1.69395
BC002135	1810037I17Rik,MGC107621,5730414I01Rik	2.14E-08	-1.95082
BQ126239	1810035L17Rik	0.00002	-1.66992
BC025528	1700108L22Rik,AA690246,FLJ10378,MGC38253	0.00002	-2.06869
NM_026091	1700037H04Rik	0.00013	-3.81765
BC013640	1500032D16Rik	1.36E-09	-1.68439
NM_033146	1500005A01Rik,Cgi112	1.40E-12	-4.27221
NM_028770	1200016G03Rik,2310041I20Rik	0.00002	-1.951
AK004786	1200015F23Rik,AI131757	4.32E-15	-2.21113
BB366634	1200009B18Rik,Ptx1,AA408438,4930572C01Rik	0.00045	-21.5882
BB028104	1200003C05Rik,AI256468	0.0001	-1.98896
BB408123	1190002H23Rik	3.92E-06	-2.38509
BC019131	1110067D22Rik,A530071M23,RP23-455B19.1	3.58E-15	-1.73825
NM_025413	1110058A15Rik,AI604448	5.78E-14	-4.3504
AV014636	1110055J05Rik	2.12E-14	-4.30542
AF365876	1110032A04Rik,ADMP	2.33E-07	-8.06462
BF681728	1110020P15Rik,AA960494,RP23-280J3.4	0.00004	-1.61157
AK003812	1110019D14Rik	0.00016	-2.82692
BI452905	1110014F24Rik,Dmkn,SK30,SK89,cl-36,AW561900,C130074A08	8.28E-07	-1.56695
AV012400	1110012M11Rik,MGC99951	0.0006	-1.57865
AV012400	1110012M11Rik,MGC99951	0.00007	-1.71588
NM_028628	1110008K04Rik,AI415426	5.97E-29	-8.39168
AV012102	1110002M09Rik	3.57E-07	-1.51628
NM_134054	1110002B05Rik,AA407909,AA409588,AU041967	0.0001	-1.59036
AV006463	1100001G20Rik	1.40E-06	-4.24721
BC004797	0610040J01Rik,AI662686	4.56E-06	-4.68881
AI314055	0610039N19Rik,MMT-7,C80029,RetSat	2.34E-06	-1.59015
AK002512	0610010O12Rik	3.78E-09	-5.4348
NM_025319	0610009B22Rik	0.00001	-1.78659
AK002320	0610008C08Rik,MGC130105,MGC130106,1110019O03Rik	0.00006	-1.55269
BE951033	0610007A15Rik,AA690150,AU015616,0610030G03Rik	3.30E-32	-3.88397

Supplementary Table 3 Genes up-and down-regulated in MB (>1.5 fold and P-value < 0.001)

1908 genes up-regulated in medulloblastoma (>1.5 fold and P-value < 0.001)			
Accession #	Sequence Name(s)	P-value	Fold Change
BC013559	Zwint,Zwint-1,D10Erttd749e,2010007E07Rik,2600001N01Rik	2.00E-07	2.75919
BC027435	Zwilch,2310031L18Rik	1.29E-09	4.23201
BM228797	Zranb3,AI316834,C730006D09,4933425L19Rik	0.00069	3.38511
BB233964	Znrf3,Gm1167,AA591877,BC019575	0.00061	2.32856
BM221751	Znrf2,AU044205,MGC129274,MGC129275,D6Erttd365e,1190002C14Rik	1.52E-07	3.81148
AI326272	Zipro1,RU49,Zfp38,Zfp-38,CTfin51,AI326272	2.03E-06	3.47323
BB126810	Zic4	1.21E-06	2.9413
U05343	Zfp91,Pzf,AL024263,AW545902,9130014I08Rik,A530054C17Rik	3.63E-07	1.84863

BB008902	Zfp9,Zfp-9,Krox-4,AU016736,mszf79-2,1810048F22Rik	0.00035	4.10548
BB040500	Zfp647,Es492,6030449J21	1.12E-07	2.75271
BM237055	Zfp637,BC021601,MGC54806	5.37E-14	2.0618
AV274175	Zfp608,MGC116601,4932417D18Rik	4.75E-09	2.67679
BB150458	Zfp537,Tsh3,KIAA1474,mKIAA1474,A630038G13Rik	3.06E-07	3.73439
BB447914	Zfp503,Nolz1,AI181838,B830002A16Rik	0.00014	2.79364
AW491540	Zfp462,Gt4-2,6030417H05,9430078C22Rik	2.87E-09	2.41736
BI083675	Zfp451,COASTER,AI596398,mKIAA1702,	0.00007	1.66894
BC018339	Zfp422,KOX15,Krox25,Krox26,Krox-26,	4.38E-16	2.84708
BB022304	Zfp41,Zfp-41,CTfin92	8.31E-06	3.95183
BE629588	Zfp367,ZFF29a,ZFF29b,8030486J21Rik	3.55E-10	2.00904
BB024472	Zfp354c,AJ18,Kid3,Tcf17I2,	9.04E-07	1.7346
BM114753	Zfp318,TZF,2610034E08Rik,D530032D06Rik	0.0006	2.25319
BQ176535	Zfp277,NIRF4,2410017E24Rik	0.00055	2.51773
AW556161	Zfp218,Tsh2,Mtsh2,KIAA4248,Sdcccag33l,mKIAA4248,B830045G17	4.08E-20	22.86353
AW987152	Zfp217,Gm562,ZABC1,Znf217,AW987152,4933431C08Rik	3.16E-06	4.37163
BB633247	Zfp207,Zep,8430401D15Rik	4.11E-10	2.41981
AK017929	Zfp198,FIM,MYM,RAMP,SCLL,MGC51607,5830413P05Rik	0.00019	1.54904
NM_015753	Zfhx1b,SIP1,Zfx1b,Zfxh1b,mKIAA0569,9130203F04Rik	1.92E-07	3.02062
BB389299	Zfhx1a,BZP,ZEB,MEB1,Nil2,Tcf8,AREB6,Tcf18,Zfhep,Zfx1a,Zfx1ha	2.59E-08	2.84435
BQ176228	Zdhhc15,6030457O13Rik	6.19E-07	3.19404
AI267092	Zbtb5,AI646847,KIAA0354,mKIAA0354,5930421110,9430083K24Rik	0.00023	1.51175
BB175650	Zbtb20,HOF,DPZF,Oda8,ODA-8S,Zfp288,	3.03E-09	2.89703
BB045268	Zbtb12,G10,Bat9,NG35,Bat-9,BC020447	6.83E-07	4.50771
BC012239	Zbtb1,Bsg2,9430077A12,C430003J21Rik	9.79E-07	2.16715
BI665246	Yy1,NF-E1,AW488674	0.00018	1.69507
BF714941	Ywhae,AU019196	0.0001	1.7809
BB455932	Ythdf2,HGRG8,NY-REN-2,9430020E02Rik	1.60E-23	1.99938
NM_023249	Ypel1,Dgl1,Ppil2,mdgl-1,	6.42E-31	9.30561
BC011117	Yif1a,54TM,Yif1,Yif1p,5330422J23Rik	0.00047	1.62088
AK010522	Yeats4,GAS41,NuBI-1,4930573H17Rik,B230215M10Rik	6.63E-14	1.96345
BC013620	Ybx1,MSY1,Nsep1,C79409,mYB-1a,MGC118070,1700102N10Rik	1.02E-37	3.53037
C88269	Xrn2	0.00003	1.64261
NM_010247	Xrcc6,Ku70,70kDa,G22p1	0.00058	1.50879
NM_009532	Xrcc1,Xrcc-1,MGC102556	0.00014	4.20933
BC025628	Xpo1,Crm1,AA420417	3.69E-06	2.17367
NM_133216	Xpnpep1,D230045I08Rik	0.00011	1.59516
NM_013753	X99384,PaId,MMPAL,mKIAA1274	1.65E-15	5.8646
NM_025275	X83328,Amz2,ESTM12	2.63E-06	1.55262
BG065719	X83313,ESTM4	3.53E-10	6.55876
BE136550	Wtip	0.00013	2.95804
AV141160	Wtap,2810408K05Rik,9430038B09Rik	2.54E-15	2.18141
BM247333	Wnk1,Prkwnk1,mKIAA0344,6430573H23Rik	0.00003	4.53567
BB280432	Wiz	0.0007	3.08856
BB441606	Whsc1,Whsc1l,	5.67E-21	13.82269
BB376471	Wee1	1.15E-06	3.73239
BB041662	Wdr76,AA517836,6030457D09,5830411K18Rik	1.34E-06	2.76017
NM_031392	Wdr6	0.00027	1.93555
AW554543	Wdr58,MGC107304,MGC109691,F830014G06Rik	0.00003	3.68068
AK002371	Wdr57,Prp8bp,0610009C03Rik	7.53E-14	3.15291
AK005105	Wdr53,AI848860,1500002B03Rik	0.00024	3.30841

BG066921	Wdr50,6430513M13,6230425C22Rik	0.00028	1.90377
BB753423	Wdr5,Big,Big-3,AA408785,AA960360,2410008O07Rik	6.65E-06	2.72326
C78559	Wdr46,Bing4,C78447,C78559,2310007I04Rik	0.00032	2.15215
AK012043	Wdr43,Wrd43,AU020887,AV024208,mKIAA0007,2610318G08Rik	0.00005	2.24041
BG063575	Wdr3,AW546279,D030020G18Rik	3.43E-06	2.18522
C77437	Wdhd1,AND-1,A630092E18,D630024B06Rik	2.62E-09	4.68887
BC007478	Wbp5,AL024233	3.40E-07	1.57541
NM_016757	Wbp1,AI255152	0.00002	2.6194
BC016676	Vrk1,51PK	0.00055	2.69567
AK003237	Vkorc1,D7Wsu86e	1.08E-07	2.41499
M24849	Vim,MGC102095	7.41E-08	1.70934
BM119387	Vil2,p81,ezrin,R75297,AW146364,MGC107499,cytovillin	3.67E-18	5.57339
AV308858	Vezf1,db1,AI848691,AW046909	0.00002	1.63295
BB250384	Vcam1,CD106,Vcam-1	4.66E-08	2.75309
BF535947	Vav2,AI847175,2810040F13Rik	2.70E-07	5.81105
BF225689	Utp14a,JsdX,KIAA0266,NY-CO-16,SDCCAG16	2.97E-09	2.22656
BC026983	Usp39,SAD1,CGI-21,AA408960,AI894154,D6Wsu157e	5.00E-06	2.54347
BG072011	Usp37,4932415L06Rik,C330008N13Rik	7.11E-07	3.05185
BC018179	Usp1,MGC25559	2.51E-07	3.78207
BC004037	Ung,UNG1,UNG2	3.52E-06	5.49763
BQ266387	Uhrf2,Nirf,AI426270,AW214556,2310065A22Rik,D130071B19Rik	0.00054	2.03666
BB702754	Uhrf1,Np95,ICBP90,RNF106,AL022808	5.02E-29	24.50998
BM211361	Ugcgl1,AA589501,AI414429,AI448372	9.91E-09	2.57295
NM_030724	Uck2,UK,UMK,Umpk,TSA903	0.00024	4.8805
AB033370	Uchl3	7.63E-10	2.78057
NM_019748	Uble1a,AOS1,SAE1,Sua1,HSPC140	2.26E-09	2.79725
NM_026024	Ube2t,C80607,2700084L22Rik	3.57E-07	7.32909
NM_133777	Ube2s,E2-EPF,AA409170,MGC101982,0910001J09Rik,6720465F12Rik	3.88E-26	3.44511
BM242612	Ube2i,UBC9,Ubce9,Mmubc9,Ubce2i,5830467E05Rik	8.52E-20	3.51911
AV162459	Ube2c,D2Ert695e,1110015A16Rik	6.69E-15	30.03257
BF466442	Uaca,nuc1ing,2700059D02Rik	0.0007	3.18717
NM_011662	Tyrobp,Ly83,DAP12,KARAP	1.70E-15	7.08579
BC020139	Tyms,TS	1.51E-09	8.04182
BB284199	Txnrd1,TR,TR1,Tgr,TrxR1	0.00004	3.02378
AK004219	Txn15,TRP14,D11Ert672e,4831443O22Rik,RP23-207N15.4	0.00017	2.27425
BB030680	Txn12,PICOT	0.00025	2.05174
AF173681	Txnip,THIF,VDUP1,mVDUP1,Hyplip1,AA682105,1200008J08Rik	0.00032	2.65447
NM_011660	Txn1,ADF,Txn,AW550880	1.22E-22	2.26209
BB387906	Tubgcp2,1700022B05Rik	0.00074	1.73365
NM_026473	Tubb6,BB220206,2310057H16Rik	1.18E-08	5.05353
NM_011655	Tubb5,AA408537,AI596182,M(beta)5,B130022C14Rik	0	3.89855
NM_023279	Tubb3,M(beta)3,M(beta)6,3200002H15Rik	1.03E-15	3.10995
AA986082	Tubb2b,2410129E14Rik	3.92E-13	2.10902
NM_009448	Tuba6,M[a]6	0.00012	2.84445
NM_009446	Tuba3,M[a]3,AI528779,MGC107295	2.62E-06	2.44863
BQ180649	Ttyh3,AI414930,2900029G13Rik	0.0007	1.99116
AV231607	Ttl4,AI451681,mKIAA0173,4632407P03Rik	2.44E-06	2.54253
NM_009445	Ttk,PYT,esk,Esk1,AL022661	3.07E-10	10.48344
BB283807	Ttf2,AV218430,8030447N19,4632434F22Rik	2.74E-24	7.02284
BC017545	Ttc13,BC017545,MGC28881,MGC105232	0.00004	1.52314
NM_019656	Tspan6,T245,Tm4sf,Tm4sf6,TSPAN-6,AI316786	1.29E-21	5.09594

NM_025982	Tspan31,Sas,AW742554,2700085A14Rik	0.00001	2.25926
BB818311	Tsn,TB-RBP,AU040286,2610034C24Rik	5.75E-06	1.87705
BB276676	Tsen2,AU067695,MGC69703	0.00026	1.99714
AV118079	Tsc22d1,TSC,Egr5,TSC-22,Tgfb1i4,AA589566,AW105905	0.00018	2.84
BG064045	Trub2,G430055L02Rik	1.67E-10	2.53015
AK003534	Trspap1,Secp43,1110007F05Rik	0.00087	2.44971
AW324327	Trpc2,trp2,Trp2,mTrp2,TRPC2a,TRPC2b,smTRPC2	2.12E-10	3.93363
AW495711	Trp53inp1,SIP,Teap,SIP18,SIP27,Stinp,2700057G22Rik	5.78E-10	3.20362
BQ175031	Trp53i11,Tp53i11	7.96E-13	5.19949
BB489500	Troap,tastin,AW476063,E130301L11Rik	1.69E-07	8.45291
AK010336	Trip13,D13Erd328e,2410002G23Rik	1.06E-28	7.35423
BB204151	Trim59,Mrf1,TSBF1,2310035M22Rik,2700022F13Rik	3.43E-06	6.10362
BQ175280	Trim35,NC8,HLS5,Mair,	2.89E-18	1.80418
BB290427	Trim27,Rfp,AW538890	0.00033	3.71641
BB611004	Trim24,TIF1,Tif1a,AI447469,A130082H20Rik,D430004I05Rik	1.42E-09	3.89525
BB354684	Trib2,TRB-2,AW319517	0.00065	1.5736
BE628649	Trappc1,BET5,MUM2,D11Erd172e	0.00086	1.65352
BC012401	Tram1,TRAMP,MGC1174,1810049E02Rik	0.00047	1.50174
NM_009423	Traf4,CART1,A530032M13Rik	7.11E-07	5.03138
BF472685	Traf3ip2,Act1,AI429613	0.00038	1.84133
AK011311	Tpx2,DIL2,p100,REPP86,2610005B21Rik	2.80E-45	15.57606
NM_013837	Tpst1,R75054	0.00001	1.70976
BE380713	Tpm3,Tpm5,Tm5NM,Tpm-5,hTMnm,Trop-5,	0.00008	2.68855
NM_011626	Tparl,pFT27,Tpardl,AV026557	9.92E-07	1.78204
BC007170	Topbp1,AI256758,mKIAA0259,2810429C13Rik,D430026L04Rik	5.65E-17	4.04116
BM211413	Top2a,Top-2	3.37E-21	22.72587
BG797387	Top1,Top-1,AI467334,D130064I21Rik	9.84E-06	2.06227
AK002902	Tomm20,MAS20,MOM19,	8.56E-07	1.55191
BM119957	Tnrc9,CAGF9,BC052044,C230068E13	1.01E-21	20.66672
AV306751	Tnpo3,C81142,Trn-SR	1.74E-07	3.21
BM236809	Tnpo1,MIP,TRN,IPO2,MIP1,Kpnb2,AU021749,D13Erd688e	1.17E-07	6.7096
BB339554	Tnks2,AA517131,AI662480,5430432P15Rik	0.00024	1.54286
L26349	Tnfrs1a,FPF,p55,TNF-R,TNFAR,Tnfr1	0.00021	2.16806
NM_134131	Tnfaip8,Nded,Gg2-1,Scs-2,AA987150,E130304C20Rik	1.70E-11	2.88505
BB233088	Tnfaip2,Tnfp2,tnfb94	0.00063	2.62846
BB096368	Tmsb10,TB10,Ptmb10	0	7.32481
AK017463	Tmpo,TP,LAP2	2.10E-19	9.65725
AK017725	Tmod3,UTMOD,U-Tmod	0.00047	1.98769
BG064731	Tmem48,NDC1,AI450313,2810475A17Rik	1.98E-06	3.30409
BC024118	Tmem46,9430059P22Rik	1.90E-12	7.56042
NM_019953	Tmem4,Zsig9,AW229003,D10Bwg1546e,5330432A10Rik	9.23E-06	2.34846
BB262218	Tmem32,BC032271,MGC40705,9630048L06Rik	3.35E-08	1.82071
BC019745	Tmem2,MGC102198,mKIAA1412,3110012M15Rik	0.00042	1.55963
BG074632	Tmem16f,AA407480,AW554778,2900059G15Rik,F730003B03Rik	4.44E-08	3.99195
BM114154	Tmeff1,Tr1,M7365,A830033E11	2.20E-20	4.58783
BQ177170	Tm4sf1,L6,M3s1	2.96E-06	3.52098
BB156385	Tlk1,4930545J15Rik	0.00018	2.55257
NM_011599	Tle1,Grg1,C230057C06Rik	3.06E-30	10.27658
NM_009387	Tk1,Tk-1,Tk1a,Tk1b,D530002A18Rik	8.37E-09	20.17816
AK011357	Tipin,1110005A05Rik,1110018P21Rik	2.55E-08	3.77627
M93954	Timp2,Timp-2,D11Bwg1104e	1.71E-17	3.47255

BM230269	Timeless,tim,C77407,Debt69	2.38E-10	10.57842
AK009502	Tia1,mTIA-1,AI256674,2310050N03Rik	0.00003	3.50251
NM_027212	Thrap6,TRAP25,1810038N03Rik,2510044J04Rik	0.00061	1.66301
NM_011568	Thoc4,ALY,REF1,Refbp1	8.05E-18	2.78757
BF320755	Thex1,3'hexo,3110010F15Rik	2.31E-20	2.76199
AW556273	Tgif2,C80753,C81206,4921501K24,5730599O09Rik	4.14E-07	8.42293
NM_009372	Tgif,AA959811,AI462167	2.29E-26	7.85246
BM248342	Tgfr1,ALK5,Alk-5,TbetaRI,AU017191,TbetaR-I	0.00019	2.0197
BB532080	Tgfb1,68kDa,big-h3,Beta-ig,AI181842,AI747162	0.00042	2.00898
BF144658	Tgfb2,Tgfb-2,BB105277,Tgf-beta2	2.75E-08	2.70455
BG075396	Tfdp1,Dp1,Drtf1	1.38E-18	3.20279
BB428851	Tex9,tsec-1	0.00013	4.76837
NM_031386	Tex14,C85585	8.54E-10	7.19838
BG075406	Tex10,BC006867,MGC11792,2610206N19Rik,2810462N03Rik	1.23E-06	2.94542
NM_019643	Tera	4.50E-19	6.48266
D50563	Tead2,ETF,Etdf,TEF4,TEF-4,TEAD-2	0.00001	11.69653
BG071163	Tead1,TEF-1,Tcf13,TEAD-1,mTEF-1,Gtrgeo5	1.83E-07	3.44645
NM_011561	Tdg,Jza1,JZA-3,E130317C12Rik	3.51E-08	2.58134
NM_013686	Tcp1,CCT,p63,Cct1,Ccta,TRic,Tp63,Tcp-1,c-cpn,AI528772	3.07E-12	1.64384
AF352579	Tcfe2a,	3.45E-06	7.43276
AI639846	Tcf4,	0.00071	1.65569
BC004617	Tcf19,AW495861,5730403J10Rik	1.43E-24	10.21842
AW046403	Tcerg1,p144,Taf2s	0.00007	1.50076
BB139935	Tbrg4,Cpr2,TB-12,	0.0007	2.42508
NM_009321	Tbca	5.20E-07	1.57465
BI218684	Tbc1d16,Tcd1d16,BC026530,B930087K01	1.64E-11	3.63702
BC008166	Tax1bp3,TIP-1,1300011C24Rik,RP23-263M10.10	6.74E-08	10.96911
AK010256	Tars,ThrRS,D15Wsu59e	1.46E-07	1.76705
BC012873	Tardbp,C85084,1190002A23Rik	8.53E-13	2.57571
AV117817	Taf5,AV117817,6330528C20Rik	4.48E-10	2.82655
BB427389	Taf15,68kDa,Taf2n,TAFlI68,2610111C21Rik	1.39E-08	1.70764
NM_020024	Taf10,30kDa,Taf2h,TAFlI30,AU041226	6.84E-07	2.06092
BB440612	Tada2,AV319371,D030022J10Rik	6.63E-06	2.27929
BB787809	Tacc3,Aint,C86661	5.02E-14	10.52078
BF582734	Syne2,NUA	8.74E-06	2.16369
BB469322	Syncrip,pp68,Nsap1,Nsap1l,GRY-RBP,	4.83E-11	3.06244
AK005954	Syce2,Cesc1,AA407907,1700013H19Rik	0.0007	2.13618
BB296443	Suv39h2,AA536750,D2Erd544e,4930507K23Rik,D030054H19Rik	0.00003	5.01795
AF193862	Suv39h1,mIS6,AI852103,AL022883,DXHXS7466e	0.00002	1.95603
AW536705	Supt16h,Cdc68,Spt16,Fact140	0.00002	1.58744
BG064647	Sumo2,Smt3b,SUMO-2,Smt3h2	1.25E-10	3.32105
AU020235	Sulf2,AU020235,mKIAA1247,2010004N24Rik	6.27E-07	10.02412
AJ308624	Sufu,Su(fu),2810026F04Rik	0.00018	4.04219
BB757840	Suclg2,AF171077,AW556404,MGC91183,D6Wsu120e	0.00005	1.80994
BM218509	Stxbp6,BC024598,MGC30948	4.49E-23	3.51684
AW555412	Stx6,AI415714,AI845861,2310039E05Rik,2410005I16Rik	5.75E-06	4.82742
AV339210	Stx1a,HPC-1	0.00001	4.0563
AW557906	Strap,Unrip,C78091,C79202,AW557906	1.16E-07	1.92956
BC010581	Stmn1,19K,Lag,SMN,	0.00025	1.93722
BG069810	Stk4,Mst1,Ysk3,Kas-2,AI447339,AU020804	0.00011	1.83782
AI661948	Stk17b,Drak2,AI120141,3110009A03Rik	0.00005	3.21526

BC004585	Stil,Sil	0.00001	3.38136
AV337522	Stag1,SA-1,AU045003	0.00004	1.85236
BG075800	St6gal1,Cd75,Siat1,ST6Gal,AW742324,ST6Gal I,St6Gal-I,MGC116663	1.27E-07	2.77198
NM_133726	St13,HIP,HOP,	0.00095	1.50875
NM_009217	Sstr2,sst2,SSTR-2,Smstr2,Smstr-2	5.04E-20	21.68512
BC024835	Ssrp1,T160,Hmgox,C81323,Hmg1-rs1,Hmgi-rs3	7.83E-18	2.73152
BC011111	Ssr3,TRAPG,AL022999,AU022074,AW553833,0610038P07Rik	3.73E-06	2.20364
BG077348	Ssr1,SSR,TRAPA,AI159733,AI452176,6330400D04,2510001K09Rik	0.00001	2.54394
BG073014	Ssbp1,MtSSB,mtDBP,2810480P10Rik,G630031O20Rik	0.00003	2.03336
AI528781	Ss18,Syt,Ssxt,D130059H17	2.76E-06	3.21792
BQ176926	Srp1,AU017960	8.05E-07	1.57524
AI326423	Srebf1,ADD-1,SREBP1,SREBP-1,SREBP-1a,SREBP-1c,D630008H06	1.43E-09	8.88389
NM_009270	Sqle,AI323792	0.00031	1.5385
BB095517	Spg21,MAST,ACP33,GL010,BM-019,C78576,D9Wsu18e	7.24E-08	5.45511
BC027121	Spbc25,2600017H08Rik,2610205L13Rik	5.82E-30	27.63305
BF577722	Spbc24,AV109292,2410030K01Rik	2.88E-13	19.9598
AV271736	Spata13,C79050,ESTM11,X83327,FLJ00298,mFLJ00298	0.00025	7.48605
AV298495	Spast,Spg4,mKIAA1083	0.00016	1.57168
BM208112	Spag5,S17,MAP126,Deepest,Mastrin,AI874642,D11Bhm180e	0.00003	1.93809
BB795189	Sp1,Sp1-1,AA450830,AI845540,1110003E12Rik	3.71E-12	1.87822
BB462504	Sox5,AI528773,MGC124352	7.11E-07	6.98768
AI428101	Sox4,Sox-4,AA682046	1.48E-12	7.82805
NM_009236	Sox18,Ra,Ragl,AI385749	8.75E-17	33.70179
BM508495	Sox11,end1,AI836553,1110038H03Rik,6230403H02Rik	4.33E-16	9.78637
BB331017	Sox1,Sox-1	3.56E-06	3.26558
NM_030889	Sorcs2,N28137,mKIAA1329	0.00033	2.03456
NM_021790	Solt,Solzt,B130045K24Rik,C530004N04Rik	9.03E-25	10.7865
BB241535	Socs3,CIS3,Cish3,EF-10,SSI-3,SOCS-3	3.70E-07	9.38477
BB244736	Socs2,hg,JAB,CIS2,Cish2,SSI-2,SOCS-2,	0.00021	1.96024
AK011015	Snx7,MGC107328,2510028H01Rik	3.29E-05	2.11182
NM_026506	Snrpg,SMG,2810024K17Rik	0	6.08527
BI080799	Snrpf,SMF,2010013O18Rik	1.34E-10	3.65876
BC008262	Snrpe,SME,C76690,AL022645	3.93E-07	2.3023
NM_026095	Snrpd3,SMD3,AW046420,1700043E15Rik,2310009E13Rik	2.90E-07	1.75776
BQ043840	Snrpd2,SMD2,MGC62953,1810009A06Rik	7.14E-18	2.1785
NM_009226	Snrpd1,SMD1,AA407109,AL023031	1.23E-12	2.28202
AW537796	Snrpb2,2810052G09Rik	1.69E-09	2.48544
NM_009225	Snrpb,SMB,SM-B,SM11,SNRNP-B,AU018828	1.52E-09	2.86436
AU018828	Snrpb,SMB,SM-B,SM11,SNRNP-B,AU018828	0.00001	2.52616
BC013777	Snrpa1,MGC6298,MGC25531,U2snRNP-A',1500015N06Rik	4.04E-06	1.84378
BC002169	Snrp70,	0.00054	1.72562
NM_011432	Snrp1c,U1-C	4.38E-09	2.09619
AK017012	Sncaip,SYPH1,BB104594,MGC107459	2.59E-08	4.77932
NM_009214	Sms,Gy,gyro,AI427066	1.33E-18	2.39623
NM_009213	Smpd2,nSMase,nSMase1,AW108287	5.18E-08	15.44913
NM_022316	Smoc1,SRG,AI848508,2600002F22Rik	2.37E-36	12.76666
AW555326	Smo,bnb,Smoh,D13Mgi8,E130215L21Rik	2.98E-07	3.88243
AK016419	Smchd1,AW554188,mKIAA0650,4931400A14Rik	2.68E-06	1.79116
AV281575	Smc6l1,SMC6,	0.00006	1.54939
AV172948	Smc4l1,C79747,2500002A22Rik	1.70E-28	7.43073
BI684556	Smc2l1,CAPE,CAP-E,Fin16,AI255214,AW545314,5730502P04Rik	7.28E-40	24.03249

AK018493	Smarce1,Baf27,2810417B20Rik,5830412H02Rik,9030408N19Rik	2.44E-18	3.45362
BI558117	Smarcc1,Rsc8,SRG3,BAF155,AI115498	5.05E-07	4.75014
BB531653	Smarcad1,Etl1,D6Pas1,AV081750,AW226546,mKIAA1122	0.00002	3.35504
BI661719	Smarca5,Snf2h,4933427E24Rik,D330027N15Rik	0.00022	2.02402
AV014063	Smad5,Dwf-C,Madh5,MusMLP,AI451355,1110051M15Rik	3.12E-06	1.84896
AK004804	Smad4,DPC4,Madh4,D18Wsu70e	0.0005	1.81727
NM_010754	Smad2,Madh2,Madr2	0.00056	1.62106
BB782729	Slitrk5,2610019D03Rik	1.62E-11	3.08738
BB547620	Slc7a6,LAT3,LAT-2,AI643885	0.00008	2.25984
BB264620	Slc7a1,Atrc1,Rec-1,Rev-1,Atrc-1,mCAT-1,AI447493,4831426K01Rik	2.32E-09	3.36079
BM237826	Slc4a7,NBC3,NBCn1,C330023F04,E430014N10Rik	0.00085	2.10749
BB145101	Slc44a2,1110028E10Rik	1.89E-06	2.20725
BB378464	Slc43a1,PB39,Pov1,R00504,AA986141,2610016F07Rik	2.85E-06	2.88127
BB825002	Slc39a6,Ermelin	0.00002	2.43846
AK012071	Slc37a3,AU044904,MGC106297,2610507O21Rik	0.00002	1.98934
NM_016752	Slc35b1,Ugalt2	0.00001	1.74146
AF305501	Slc29a1,ENT1,AA407560,1200014D21Rik	1.46E-27	8.24631
BB277461	Slc1a4,SATT,ASCT1,AW045657	0.00026	4.4446
NM_080853	Slc17a6,DNPI,VGLUT2,2900073D12Rik	6.89E-08	2.94128
NM_009193	Slbp	8.17E-14	2.43277
AV259620	Skp2,FBXL1,MGC102075,MGC116668	0.00001	7.72488
NM_013929	Siva,CD27bp	7.99E-10	11.49973
AF038848	Sin3b,2810430C10Rik	0.00005	3.36256
NM_011378	Sin3a,Sin3,mSin3A,AW553200,KIAA4126,mKIAA4126	4.55E-06	2.46588
AF237702	Shmt1,Shmt,mshmt,C81125,mshmt1,mshmt2,AI324848,AI385541	5.09E-27	12.05159
NM_009169	Shfm1,DSS1,Shfg,Shfdg1	4.45E-27	2.46585
NM_011369	Shcbp1,mPAL	3.94E-29	22.23286
AK007283	Sh3kbp1,Ruk,Seta	0.00046	2.61474
BB221842	Sh3glb1,Bif-1,	0.00018	1.54431
AK012114	Sh3gl3,EEN-B2,SH3P13,Sh3d2c,Sh3d2c2,MGC118269	0.0001	3.83363
BM218317	Sh3bgrl,1190008F14Rik	6.87E-13	8.24933
NM_009163	Sgpl1,Spl,AI428538,D10Xrf456	0.00008	3.14702
AV316937	Sgol2,Tripin,	2.40E-15	15.98528
BB410537	Sgol1,Sgo1,C81037,MGC113769,3300001M08Rik	4.19E-09	15.36183
BG066686	Sfxn2,C79732,F630107H02Rik	0.0002	2.34874
NM_025573	Sfrs9,25kDa,SRp30c,2610029M16Rik	0.00003	2.4411
BC027391	Sfrs7,9G8,35kDa,NX-96,MGC38287,9430065L19Rik	3.90E-12	2.16268
BB054483	Sfrs6,AI314910,AW146126,1210001E11Rik	5.29E-13	2.01388
NM_013663	Sfrs3,X16,AL024116	9.30E-06	1.61343
AK011528	Sfrs2,SC35,MRF-1,Pr264,Sfrs10,D11Wsu175e	9.26E-35	3.86116
AV012790	Sfrs12,SRrp86,SRrp508,AI450757,AI462342,8430401B01	0.00007	2.23906
BG229318	Sfrs10,TRA2B,SIG-41,Silg41,TRA2beta	2.15E-10	1.7886
BF682801	Sfrs1,AI482334,AW491331,	1.60E-09	2.90442
AY034062	Sfpq,PSF,MGC101933	5.23E-06	2.53398
BC006603	Sf3b5,10kDa,Sf3b10,AU043053,1110005L13Rik	0.00004	1.68612
NM_133953	Sf3b3,RSE1,SAP130,	0.00001	2.05493
AK015776	Sf3a3,60kDa,MGC103282,4930512K19Rik	0.00066	1.75166
BM229104	Set,AA407739,StF-IT-1,	1.48E-11	2.23356
BQ174721	Sertad4,4833404A09,C130018M11Rik	9.95E-30	4.36759
NM_009252	Serpina3n,Spi2-2,Spi2.2,Spi2/eb.4	0.00002	10.25114
NM_011353	Serf1,4F5,m4F5,Msmac1	1.22E-07	6.00497

AV382262	Serbp1,Pairbp1,AL022786,1200009K13Rik,9330147J08Rik	0.00009	1.88368
NM_017380	Sept9,Msf,MSF1,Sint1,PNUTL4	0.00002	6.78949
BB756379	Sept8,Sepl,AW046166,mKIAA0202	3.65E-08	1.62113
BM120495	Sept11,AW548875,D5Erd606e,6230410I01Rik	1.12E-21	2.14806
BB293127	Sephs1,SPS,SELD,SPS1,	5.12E-08	5.58742
BC023129	Senp1,MGC27975,	0.00009	1.84936
AA144045	Sema7a,Semal,CDw108,H-Sema-L,M-Sema-L,2900057C09Rik	1.16E-08	2.31082
Z93948	Sema3e,Semah,AA408817,mKIAA0331	1.14E-07	5.40291
AW537349	Seh1l,Seh1,SEH1A,SEH1B,SEC13L,AW540070,2610007A16Rik	0.00014	5.72159
BB257743	Sec63,Al649014,AW319215,5730478J10Rik	0.00023	2.32783
AV216331	Sec61g	1.16E-08	2.5072
NM_024171	Sec61b,Al326121,AW122942,MGC102034,1190006C12Rik	7.68E-30	2.45162
BC003707	Sec61a1,Sec61a,AA408394,AA410007	7.28E-19	2.31823
NM_024206	Sec13l1,Sec13r,1110003H02Rik	1.76E-07	2.9676
BG919982	Sec11l1,18kDa,Sp18,sid2895,Sid2895p,1810012E07Rik	4.53E-09	1.60707
AV064339	Sdpr	4.18E-37	27.45164
BM233019	Sdccag8,Cccap,2700048G21Rik,5730470G24Rik	0.00009	2.34577
AK014025	Sdccag10,NY-CO-10,3110009E13Rik	8.07E-07	1.81761
AV132065	Scyl3,Pace1,AW214499,6030457O16,1200016D23Rik	0.00004	5.32876
NM_007926	Scye1,Emap2,EMAPII	5.47E-07	2.02313
BE951842	Scn3b,Scnb3,1110001K16Rik,4833414B02Rik	1.46E-07	3.36439
AV322078	Scml2,4932420G07Rik	1.61E-08	6.15834
BB297140	Scmh1,Scml1,Scml3,Al315320,Al851618	0.00001	2.26344
NM_054037	Scgb3a1,HIN-1,Pnsp2,UGRP2,LuLeu2,UGRP2A,Utgrp2,	8.36E-07	3.76243
BB104560	Satb2,mKIAA1034	5.15E-10	4.46
AV172776	Satb1,AW413156,2610306G12Rik	0.00019	2.50405
AV023865	Sap18,EMegR4,Sinbp1,D11Erd539e,C530046K05Rik	0.00065	1.50569
BG075163	Sacs,KIAA0730,mKIAA0730,A230052M14,E130115J16Rik	9.82E-12	2.06382
D00208	S100a4,42a,18A2,Capl,FSp1,Mts1,pk9a,PeL98,metastasin	0.00007	5.12402
BG229030	Ryk,Vik,ERK-3,AW536699	2.29E-06	7.86106
BQ175050	Rxra,Nr2b1,RXRalpha1,9530071D11Rik	4.46E-06	4.05665
AF439556	Rwdd3,X2CR1,Al035684,Al662458,3110037C01Rik	0.00003	2.9089
NM_011304	Ruvbl2,p47,mp47	9.76E-09	3.49663
NM_019685	Ruvbl1,Tip49a,Pontin52,2510009G06Rik	2.70E-14	2.29965
BB648600	Rtn4,ASY,NOGO,NSP-CL	2.17E-08	2.39994
NM_009105	Rsu1,rsf-1	0.00017	2.52618
NM_009104	Rrm2,R2,AA407299,MGC113712	1.81E-28	30.00349
BB758819	Rrm1,RnrM1	2.18E-13	5.71681
AK005025	Rqcd1,Fl10,Al593551,2610007F23Rik	0.00008	1.77157
NM_011029	Rpsa,MLR,P40	0	3.36497
BI456571	Rps9,MGC4138,AL022771,AL022885,3010033P07Rik	5.02E-42	2.37416
AA419672	Rps8,MGC107577	1.91E-10	1.80886
AI414989	Rps7,S7	0.00007	1.68623
BM212538	Rps6kb1,S6K1,	0.0009	1.86862
BB449218	Rps6ka6,RSK4,2610524K04Rik	3.51E-17	9.84306
C76675	Rps6,MGC102571,MGC103209	0.00007	1.60181
NM_009095	Rps5,AA617411	0.00011	2.01086
NM_009094	Rps4x,Rps4,Rps4-1,MGC102174,MGC118104	4.00E-39	2.41048
BG069767	Rps3,Rs_3,D7Erd795e	0.00005	4.13791
AV111399	Rps27l,1810034D23Rik	2.21E-23	3.88802
AA208652	Rps27,3200001M24Rik	1.15E-35	3.14121

NM_013765	Rps26	1.11E-19	2.71793
BM729504	Rps25,2810009D21Rik	0.00012	2.4107
AK007850	Rps21,MGC107620,1810049N11Rik,2410030A14Rik	0	1.94757
AV002845	Rps20,MGC102408,4632426K06Rik	0	2.27581
AK004568	Rps2,Llrep3,MGC118037	4.78E-30	2.63945
AK004568	Rps2,Llrep3,MGC118037	3.41E-15	2.0947
NM_023133	Rps19,MGC107694	5.42E-37	2.43147
AW907444	Rps18,Ke-3,H-2Ke3,H2-Ke3	2.46E-37	2.95709
AV064451	Rps17,MGC107578,MGC107579	2.37E-16	2.08842
NM_013647	Rps16,AA420385,AI317031	8.81E-35	2.42429
NM_009091	Rps15,rig	1.79E-07	1.64702
NM_026533	Rps13,MGC102403,MGC118043,2700063M04Rik	1.19E-12	2.3812
AI413680	Rps12,MGC102111,MGC102112,MGC102499,MGC117504	8.96E-10	1.63016
NM_025963	Rps10,MGC107635,2210402A09Rik	0	1.99326
NM_023396	Rprm,Reprimo,2410012A13Rik	0.00024	2.15441
BB729239	Rpo1-4,mRPA1,194kDa,RPA194,3010014K16Rik	0.00021	4.39406
NM_009086	Rpo1-2,RPA2,128kDa,RPA116,RPA135,D630020H17Rik	0.00037	1.91245
NM_009085	Rpo1-1,40kDa,RPA40,AA409007,AA959927,AL024089	0.00024	1.84167
NM_133933	Rpn1,Rpn-1,AU018702,D6Wsu137e	0.00086	1.54325
BC012413	Rplp2,2700049I22Rik	0.00007	2.21064
AV169685	Rpl9,MGC102393	1.31E-11	1.62637
NM_012053	Rpl8	2.49E-14	1.6268
BC003907	Rpl7I1,1500016H10Rik	0.00031	1.94179
NM_013721	Rpl7a,Surf3,Surf-3,MGC103146	2.24E-16	1.74043
M85235	Rpl7,Rpl7a,Surf-3,MGC102113	2.88E-13	1.92557
NM_018860	Rpl41,1810055P16Rik	1.69E-31	2.23002
AV107150	Rpl39,2810465O16Rik	5.43E-08	1.77411
NM_019865	Rpl36a,L44L,Rpl44	9.24E-27	1.88614
AV216370	Rpl36	6.66E-14	2.31101
NM_025592	Rpl35,2410039E09Rik	4.49E-31	2.19222
BB756431	Rpl32,AU020185,rpL32-3A	1.54E-18	3.604
NM_053257	Rpl31,MGC106651,MGC107628	0.00001	1.83609
NM_009083	Rpl30,MGC106425,MGC107559	0	1.8506
AI893877	Rpl29,Rpl43,MGC107574,MGC107575,MGC107576	6.87E-19	2.07193
NM_009081	Rpl28,D7Wsu21e,MGC107666,MGC115078	4.01E-07	1.82446
NM_011289	Rpl27,MGC103134	3.98E-12	2.09501
BC025918	Rpl23,2810009A01Rik	0	2.38084
BB859781	Rpl22,2700038K18Rik	0	5.06112
BF577616	Rpl18a,2510019J09Rik	9.33E-20	3.64781
NM_009077	Rpl18,L18,Rpl18a	4.65E-34	2.88729
NM_025586	Rpl15,MGC107261,2510008H07Rik	0	2.56568
BF146301	Rpl13a,MGC107571,Tstap198-7,tum-antigen,1810026N22Rik	7.33E-25	2.95434
NM_016738	Rpl13,L13	1.07E-25	1.92747
NM_009076	Rpl12,MGC102182,MGC102573,E430018F03	7.87E-11	2.39507
AK014593	Rpl11,2010203J19Rik	8.70E-12	1.65235
AK002613	Rpl10a,Nedd6,CsA-19	0	2.27546
NM_052835	Rpl10,QM,QM16,D3Ucla2	2.43E-07	1.65362
NM_023879	Rpgrip1,AA415034,	3.66E-06	1.56259
BB363084	Rpe,5730518J08Rik	0.00002	2.81989
NM_026632	Rpa3,14kDa,C330026P08Rik	7.15E-09	3.95737
BC004578	Rpa2,Rf-A2,AA409079,AI325195,AU020965	7.82E-14	6.13627

BB366379	Robo2,mKIAA1568,	0	11.42871
BB176702	Robo1,DUTT1,AW494633,AW742721	4.27E-13	5.83751
AW552536	Rnu22,snoRNA U22,U22 snoRNA	1.78E-08	5.10789
NM_019547	Rnpc1,Seb4,Seb4l	0.00043	4.08171
AK011864	Rnf38,Oip1,AA673263,1700065B19Rik,2610202O07Rik	4.86E-07	2.2363
BC020122	Rnf2,dinG,Ring1B,AI326319,AI450156,AU019207	3.13E-07	1.95956
BB125272	Rnf144,UIP4,AI316797,Ubce7ip4	0.0002	1.91764
BC009002	Rnd3,Arhe,Rhoe,AI661404,2610017M01Rik	8.31E-10	22.30274
NM_009708	Rnd2,Arhn,Rohn	0.00001	1.79502
BI410170	Rnaset2,	8.12E-15	1.92885
AK010292	Rnaseh2a,RNHL,RNHIA,RNASEHI,2400006P09Rik	8.08E-07	3.6903
BG072837	Rkhd3,M-04814,mKIAA2009,4931439A04Rik	2.50E-10	5.32243
BI656279	Rkhd2,BM-013,BC035207	3.95E-16	2.26708
W91617	Rkhd1,BC059858,MGC69704	1.59E-22	5.65998
AF477481	Ris2,Cdt1,C76791,AW545653,2610318F11Rik	1.32E-13	11.81635
AA186144	Ripk1,RIP,Rinp,D330015H01Rik	0.00035	2.32612
BM942043	Rhobtb3	0.0001	2.09839
BC003838	Rgs19,GAIP,AI324841,AW547781,2610042F04Rik	0.00004	3.52613
AK004310	Rgmb,DRAGON,1110059F19Rik	9.79E-06	3.80051
BB148972	Rfxdc2,9930116O05Rik	1.72E-07	2.18476
BB474427	Rfx3,MRFX3,C230093O12Rik	7.64E-08	2.26196
BC027246	Rfwd3,BC027246,MGC27888	5.85E-20	2.60102
AK011489	Rfc5,36.5kDa,MGC113787,2610020K06Rik,2610209F07Rik	3.00E-16	4.90111
BB251459	Rfc4,A1,RFC37,AI894123,AU040575	1.76E-20	5.5003
AK013095	Rfc3,38kDa,AU022547,2810416I22Rik	1.26E-13	4.63088
AV096765	Rfc2,40kDa,AI326953,MGC117486,2610008M13Rik	8.61E-09	3.83649
BB548850	Rere,ARG,ARP,Atr2,DNB1	1.71E-06	1.85453
NM_019484	Refbp2,REF2,MGC117570,C130042O11Rik	4.68E-08	3.21257
U01222	Recc1,140kDa,Alp145,RFC140,MGC96526	3.61E-14	3.68577
NM_009041	Rdx,AA516625	2.18E-06	1.91723
NM_138580	Rdbp,RD,NELF-E,D17H6S45	0.00005	2.53078
NM_009037	Rcn1,Rcn	1.40E-45	5.83609
AV122997	Rcc2,Td60,	3.98E-11	20.05473
NM_133878	Rcc1,Chc1,AI326872,4931417M11Rik	3.28E-10	9.10933
NM_134083	Rcbtb2,Chc1l	0.00003	2.33374
NM_019712	Rbx1,AA517855,1500002P15Rik	0.00049	1.6677
NM_009035	Rbpsuh,CBF1,RBP-J,RBPjk,Igkjrj,Igkrspb,AI843960	0.00003	2.21925
U63146	Rbp4,Rbp-4	8.76E-07	1.91324
NM_009033	Rbmxt,Hnrpg,MGC102184	7.61E-25	1.91295
NM_011252	RbmX	1.04E-09	3.71524
BM119933	Rbms1,YC1,MSSP-1,MSSP-2,MSSP-3,	0.00022	3.50051
NM_025875	Rbm8a,Rbm8,AA673428,2310057C03Rik	2.44E-06	1.74117
AY052560	Rbm3,MGC118410,2600016C11Rik	0.00003	2.51741
NM_029397	Rbm12,SWAN,	0.0002	1.57674
U27177	Rbl1,PRB1,p107,AW547426	2.82E-10	3.39956
BB167067	Rbbp8,CtIP,9930104E21Rik	3.78E-21	4.84675
BF011461	Rbbp4,mRbAp48	4.91E-08	3.11337
AV291679	Rassf4,AD037,AI586137,3830411C14Rik	0	39.74603
BB703307	Rassf3,AW212023,AW322379	5.96E-11	3.24493
BB667412	Raph1,9430025M21Rik,C730009O10Rik	0.00025	1.52762
BB233502	Rap2c,AI194294,AL022976,2010200P20Rik	0.00002	3.03181

BB645629	Rap2b,AA408554,4021402C18Rik	5.68E-06	2.49191
BC025198	Rap2a,5830461H18Rik	0.00016	1.51823
AW536621	Ranbp5,IMB3,IPO5,Kpnb3,C76941,	9.93E-06	2.2901
L25255	Ranbp1,Htf9a	1.75E-15	3.27589
AV045569	Ran	2.69E-28	1.85316
BM225097	Ralgps2,AU043409	8.08E-08	3.5459
AV286259	Rai17,BC065120,E330020C23	3.99E-09	2.15177
NM_030690	Rai14,Norpeg,mKIAA1334,Ankycorbin	4.06E-31	9.20907
AK013909	Rai1,Gt1	0.00001	2.45021
NM_029780	Raf1,Craf1,Raf-1,c-Raf,v-Raf,	4.03E-08	2.36597
AW547464	Rad54b,Fsbp,MGC67261,E130016E03Rik	0.0002	4.00154
NM_053269	Rad51c,Rad51l2	3.13E-06	3.32542
BC003738	Rad51ap1,RAB22,2510006L10Rik	9.14E-07	4.84298
NM_011234	Rad51,Reca,Rad51a,AV304093	9.06E-28	19.70263
BC006751	Rad23b,p58,mHR23B,AV001138,0610007D13Rik	8.62E-06	2.42706
AF332085	Rad21,SCC1,mKIAA0078	7.00E-07	1.92111
BB530954	Rad18,Rad18sc,2810024C04Rik	8.19E-20	7.50295
NM_012025	Racgap1,gtl11,Band25,GTPase,	2.61E-15	12.77637
BC017514	Rabl4,2600013G09Rik	0.00009	2.3586
AV205856	Rabl4,2600013G09Rik	0.00046	1.64093
AW550283	Rab1,Gtbp,Ypt1,Rab-1,Rab1A,mKIAA3012	0.0006	1.82097
AF090403	Qk,Qkl,l17Wis1,1500005P18,l(17)-1Wis	2.24E-06	1.96421
BB270586	Qars,GLNRS,C80286,MGC105238,1110018N24Rik,1200016L19Rik	0.00008	2.84314
BC006727	Pycr1,MGC11688	0.00062	8.56001
BG084230	Pycard,Asc,TNS1,masc,CARD5,TMS-1,9130417A21Rik	0.0002	2.61105
BE956863	Pvt1,Mis-1,Pvt-1,Mlvi-1	0.00006	3.9732
NM_021495	Pvrl3	0.00012	2.03765
AF069051	Pttg1,PTTG,Pttg3,C87862,Securin,AW555095	0.00067	2.47021
BE980029	Ptprs,PTP,Ptpt9,PTP-NU3	7.49E-08	2.46184
AI596632	Ptprg,AW046354,AW549872	0.00002	3.16245
BB374993	Ptprd,	1.10E-16	2.19864
NM_011210	Ptprc,B220,Cd45,Ly-5,T200,CD45R,Lyt-4	3.68E-07	2.81342
X63440	Ptpn12,PTPG1,P19-PTP,PTP-P19,PTP-PEST	0.00032	1.58237
AV102876	Ptpla	3.67E-09	2.95662
AV049645	Ptp4a2,Pri-2,MGC102154,MGC103400	0.00003	1.58631
BF148128	Ptp4a1,Pri-1	3.03E-08	6.12959
BG073526	Ptov1,AU041779,1110030G05Rik	0.00037	2.54568
BC002064	Ptn,OSF,HARP,HBBN,HBNF,Osf1,Osf-1,HB-GAM,HBGF-8	7.11E-06	1.65277
BF787570	Ptma,Thym,MGC102090,MGC103390	7.66E-06	2.43379
AV253087	Ptgrn,FPRP,CD9P-1,Trim45,AU042434,4833445A08Rik	0.00002	3.23551
AI666776	Ptchd2,G630052C06Rik	0.00042	3.39256
NM_008958	Ptch2,ptc2	0.00013	3.74012
BB040049	Ptch1,Ptc,mes,Ptc1,Ptch,A230106A15Rik	5.12E-10	5.19394
BM195033	Ptbp2,Ptb2,nPTB,brPTB	0.00005	1.80388
BC007472	Ptbp1,Ptb,PTB2,PTB3,PTB4,pPTB,HNRPI,PTB-1,AA407203	1.59E-10	4.38581
NM_019976	Psrc1,Dda3,MGC7063,AL033312,5430413I02Rik	8.15E-28	25.01903
BM195254	Psme4,TEMO,AA409398,AU041366,KIAA0077,mKIAA0077	7.01E-29	2.78762
NM_011190	Psme2,PA28b,AA589371,AI788882	3.50E-07	2.67989
NM_011189	Psme1,PA28a,AW413925,MGC113815	5.50E-29	3.20919
NM_011875	Psmc13,S11	9.44E-11	2.21242
BE687992	Psmc3ip,HOP2,Tbpip,C79099	1.02E-07	6.53228

NM_010724	Psmb8,Lmp7,Lmp-7	1.77E-06	5.08165
BC014783	Psmb3,C10-II,MGC106850	8.64E-07	1.60044
BC010709	Psma5,ZETA,MGC102091,MGC118067	5.70E-07	2.06315
BG066125	Psma4,C9	0.00012	1.62836
BC005762	Psma1,C2,alpha-type	6.53E-10	1.8183
BC004827	Psat1,PSA,EPIP,Psat,AL024078,AL024083,AU040266,D8Erd814e	2.09E-29	4.75202
AK014046	Prr6,AA671303,3110013H01Rik,RP23-234K24.4	8.66E-12	3.96402
BM934034	Prps2,Prps-2,AA589463,AI464149,MGC28388,2610101M19Rik	0.00003	3.46666
Z25469	Pros1,AW214361	0.00006	2.13383
NM_011871	Prkra,RAX,Pact,AV120107	0.00028	1.6353
BF160591	Prkcn,MGC47171,4930557O20Rik,5730497N19Rik	1.26E-18	3.43136
AV297026	Prkcm,PKD,Pkcm	1.12E-06	2.61314
BB216074	Prkar2b,Pkarb2,AI451071,AW061005,RII(beta)	4.12E-07	3.49756
BC016398	Prkab1,AU021155,E430008F22,1300015D22Rik	0.00015	1.91891
NM_008922	Prim2,AI323589	1.25E-06	5.10901
J04620	Prim1,AI324982,MGC107288	3.48E-07	3.90241
NM_011156	Prep,PEP,AI047692,AI450383,D10Wsu136e	0.00031	1.86537
NM_016764	Prdx4,TRANK,AOE372	4.06E-08	3.84359
NM_011563	Prdx2,TR,PRP,TPx,TSA,TDX1,NkefB,PrxII,TPx-B,Tdpx1,	9.62E-07	1.68188
NM_011034	Prdx1,PAG,Paga,PrxI,TDX2,MSP23,NkefA,OSF-3,TPx-A,Tdpx2	3.61E-08	1.67291
BC005475	Prc1,MGC6745,D7Erd348e	9.46E-20	10.48203
AV233215	Ppwd1,4632422M10Rik,A330090G21Rik	2.45E-10	2.61093
BI735251	Ppp4r2,BE691708,C230060M08Rik	1.39E-06	1.7051
BC026489	Ppp4r1,Pp4r1,MGC31567,3110001J10Rik	0.00035	1.99052
NM_019674	Ppp4c,Ppx,AU016079,1110002D08Rik	2.21E-12	2.20145
AV223153	Ppp2r2c,PR52,IMYPNO,IMYPNO1,6330548O06Rik	9.67E-24	1.93911
AK010754	Ppp2r1b,AI790395,2410091N08Rik	0.00026	1.64129
AV348753	Ppp1r14c,KEPI,6330514J04Rik	0.00033	4.00029
BE986849	Ppp1r14b,Png,PHI-1,AOM172,PLCB3N	0	13.76891
BC022648	Ppil5,LRR-1,AU021780,2410005L11Rik	5.65E-12	6.80074
AK004331	Ppil1,Cyp1,AI327391,1110060O10Rik	2.16E-15	3.68736
BC016565	Ppih,CYPH,CYP-20,	1.27E-06	2.30316
NM_019489	Ppie,Cyp33,2010010D16Rik	0.00005	2.37851
NM_008908	Ppic,CyP-20c	5.77E-06	8.49572
AV051525	Ppib,Cphn2,Cphn-2,CyP-20b,AA408962,AA553318,AI844835	0	3.29406
AV305746	Ppat,	0.00009	2.28727
BE993443	Pou3f3,Brn1,Otf8,Brn-1,Skin1	8.73E-07	2.11723
BE991235	Pou3f2,Brn2,Otf7,Brn-2,9430075J19Rik,A230098E07Rik	0.00008	5.66529
NM_133931	Pot1,AI851169,1500031H18Rik	0.00002	2.2385
BB324894	Pols,POLK,TRF4,LAK-1,TRF4-1,MGC69673	0.00027	1.5485
AV260647	Polr3k,C11,RPC10,RPC11,12.3kDa,AI196849,AU014893,1500004O14Rik	0.00006	1.53565
BC002306	Polr2h,MGC8248,MGC103049	2.18E-06	2.78058
BC024419	Polr2f,1810060D16Rik	6.35E-08	1.60264
BF577544	Pole4,2400007P05Rik,5830430F06Rik	3.32E-08	2.97881
AF036898	Pole2	6.93E-12	3.40991
NM_011132	Pole	3.94E-28	12.1522
AK010805	Pold3,P66,P68,C85233,2410142G14Rik	5.67E-06	2.98049
NM_008894	Pold2,p50,50kDa,po1D2	2.69E-06	5.21209
BB385244	Pold1,125kDa	0.00002	7.1925
NM_008893	Pola2,AI573378	1.66E-15	12.46573
NM_008892	Pola1,Pola,AW321876	0.00003	4.09134

BB473446	Pnma2,KIAA0883,mKIAA0883,A830049P17Rik	2.39E-06	8.02054
AI326372	Pnlip,PTL,MGC74173,1810007A24Rik	0.00075	2.19414
BM220776	Pml,Trim19,AI661194,1200009E24Rik	0.00037	4.19705
BB476707	Plxnc1,CD232,Vespr,AW742158,2510048K12Rik	0.00072	2.46614
AK012816	Plp2,mLMA4,MGC102445,MGC103126	0.00001	3.59105
BC021352	Plod2,LH2,Plod-2,D530025C14Rik	1.76E-14	5.1342
BB706079	Plk4,Sak,Stk18,AI385771,1700028H20	5.20E-25	13.16696
NM_011121	Plk1,Plk,STPK13	1.81E-11	12.20859
BQ031094	Plekha8,FAPP2,AA517676,BC052360,6330400G01	0.00006	1.61527
BM121087	Plcg1,Cded,Plc-1,Plcg-1,AI894140,Plc-gamma1	0.00017	2.80794
AW539022	Pknox1,PREP1,D17Wsu76e	4.29E-12	2.73703
AW763881	Pitrm1,MP1,Ntup1,AA410010,mKIAA1104,2310012C15Rik	0.00057	1.82625
BQ174042	Pip5k2b,c11,AI848124,PI5P4Kbeta	0.00085	1.73366
AW012413	Pin4,EPVH,Par14,2410002I22Rik	0.00011	1.58178
AI323550	Pim1,Pim-1	6.79E-08	6.10866
NM_009344	Phlda1,Tdag,TDAG51,DT1P1B11	2.99E-06	2.02697
AK012667	Phip,Ndrp,Wdr11,2810004D21Rik,4632404O06Rik	5.33E-15	1.84315
AA561726	Phgdh,	0.00005	2.69232
BF147362	Phf6,mKIAA1823,2700007B13Rik,4931428F02Rik	0.00004	1.71405
BC025161	Phf5a,1110007B08Rik	6.69E-07	2.04832
BB322180	Phf21b,A730032D07Rik	8.52E-09	10.31067
BG064477	Phf16,Jade3,AI851988,AW544806,mKIAA0215,5730598B06	0.00028	3.79688
AK003209	Phf14	8.95E-09	4.05281
BE650359	Phc1,Edr,Edr1,Mph1,rae28,Rae-28,AW557034	1.34E-07	2.8207
BB791424	Phb2,BAP,REA,Bap37,Bcap37,AU044498	7.77E-11	4.21792
AV248174	Phactr4	0.00001	1.92421
AI549850	Pgm1,Pgm2,Pgm-1,3230402E02Rik	0.00011	1.93869
BC006594	Pgls,Plgs,AI447866,1110030K05Rik	8.14E-10	3.77616
NM_011072	Pfn1,Pfn	0.00068	1.88725
BF531162	Pfdn4,C1,C-1,PF4,0610025M10Rik,1810063B06Rik	2.91E-07	2.48817
AV306055	Pfas,Gm18,PURL,FGAMS,FGARAT,	2.79E-08	2.03128
BB550758	Peo1,PEO,Twinl,MGC41750,D19Erttd626e	8.51E-09	3.19506
NM_033602	Peli2,AW047589,BB129927	0.00043	3.32964
BE692322	Peli1,AA409794,AI586297	0.00027	1.7586
AK009478	Peci,DRS1,ACBD2,HCA88	1.45E-06	2.09737
AV174487	Pdzm4,LNX4,KIAA3027,SAMCAP3L,mKIAA3027,1110017D07Rik	8.33E-11	13.6707
NM_018884	Pdzm3,LNX3,Semcap3,AI429718,AL023082,1110020C07Rik	3.28E-29	16.33891
BC006865	Pdia6,P5,CaBP5,C77895,Txndc7,AL023058,1700015E05Rik	0.00058	2.12421
BC009151	Pdia5,Pdir,AU015525,2700053F16Rik	0.00009	3.75328
J05186	Pdia4,Cai,Erp72,AI987846	0.00006	3.05667
BB221015	Pdgfra,CD140a,Pdgfr-2,AI115593	6.64E-14	15.4073
BB371842	Pdgfa	1.24E-06	5.30152
AU015378	Pde7a,AU015378,AW047537	4.81E-15	2.42081
AV270888	Pde3b,AI847709	1.74E-10	2.34513
BB131735	Pde1c	0.0007	3.73586
AK003899	Pdcd11,ALG-4,Pdcd7,mKIAA0185,1110021I22Rik	0.00054	1.93445
BG065186	Pdap1,PAP,PAP1,HASPP28	5.65E-13	1.84475
BB098115	Pcyox1,PCL1,Pcly,AI115532,AI448340,1200015P13Rik	0.00003	1.83668
NM_008787	Pcnt,KEN,Pcnt2,C86676,kendrin,AW476095	0.00002	2.11052
BC010343	Pcna	0	4.16684
AW545979	Pcm1,2600002H09Rik,9430077F19Rik,C030044G17Rik	2.55E-07	1.95452

M64279	Pcgf4,Bmi1,Bmi-1,AW546694	0.00029	1.60689
BG075606	Pcgf3,Rnf3,DONG1,RNF3A,	1.35E-11	2.54635
BM218630	Pcdh18,PCDH68L,BB095589,3110038E07Rik	0.00006	4.75842
NM_021567	Pcbp4,AlphaCP-4,1200003L19Rik	0.00046	1.93154
NM_011865	Pcbp1,WBP17,[a]CP-1,alphaCP-1	5.52E-08	1.98239
BB053254	Pbx3	4.45E-21	7.92874
BM114723	Pbx1,Pbx-1,D230003C07Rik	3.76E-06	2.94419
AK008037	Pbp1,Pbp,HCNP,Pbpr,Pepp1,MGC102065,MGC103131	2.81E-07	10.11897
NM_023209	Pbk,TOPK,AW538537,D14ErtD732e,2810434B10Rik	3.24E-15	16.30398
AW553622	Pb1	1.30E-11	2.57494
BB729869	Pask,mKIAA0135	0.00031	5.34893
BB026163	Parp11,HIN1L,AI851877,5330431N24Rik	4.51E-08	2.95859
AF126717	Parp1,PARP,PPOL,Adprp,Adprt1	0.00002	1.97404
NM_011863	Papss1,SK1,Asapk,AI325286	0.00002	1.52543
AK010469	Paox,Pao,AI118225,2410012F02Rik	0.0003	2.79605
NM_019482	Panx1,AI847747	3.48E-14	6.67193
AA220626	Pam	6.57E-17	1.77602
BQ175796	Pak3,Stk4,mPAK-3,Pak65beta,Pak65alpha	2.65E-09	4.08228
BM207712	Paics,AIRC,PAIS,ADE2H1,2610511I09Rik	3.08E-16	1.80052
NM_008776	Pafah1b3,Pafahg,mus[g]	1.49E-09	4.67486
AI536269	Pacs1,AI325977,MGC37046	0.00051	4.89442
BG806432	Pabpn1,PAB2,Pabp3,mPABII	4.78E-07	2.05769
NM_008774	Pabpc1,PABP,Pabp1,Pabpl,Pabpl1	1.39E-08	2.76789
AI152156	Pa2g4,Ebp1,38kDa,Plfap,AA672939	2.20E-15	4.02198
BM232513	P4hb,PDI,Thbp,ERp59	3.49E-10	1.89125
AK008952	P2ry5,P2y5,2610302I02Rik	6.92E-06	2.30417
BC017609	Otx2,E130306E05Rik	2.14E-07	8.25551
BM238914	Otud4,AI449692,D8ErtD69e,mKIAA1046,4930431L18Rik	8.48E-08	1.81503
AB015978	Osmr,OSMRB	0.00002	3.18924
NM_019716	Orc6l,Orc6,MGC91038,6720420I10Rik	4.63E-06	2.93804
AB038697	Olig2,RK17,Olg-2,Bhlhb1,Oligo2,AI604895	6.98E-07	4.23878
AB038696	Olig1,Olg-1,Bhlhb6,Oligo1,AI836478,AW494459	2.18E-23	2.27048
BB238604	Oip5,5730547N13Rik	0.00009	6.58893
AV127023	Odz4,Doc4,ELM2,I7Rn3,R75022,Ten-m4,I(7)-3Rn,mKIAA1302	4.41E-08	2.17345
C81193	Odc1,ODC,MGC103389	1.54E-43	3.34311
NM_019761	Nxt1,1110001N02Rik	0.00066	2.35225
NM_130858	Nxph3	2.17E-07	3.76106
AU018817	Nuff2,Ntf2,Ntf3,PP15,	3.15E-29	3.29175
BC009096	Nusap1,LNP,ANKT,SAPL,	5.05E-23	15.44682
BC023140	Nup93,2410008G02Rik	1.16E-08	3.30686
AK002643	Nup88,88kDa,Nup84,Prei2	0.00038	1.5856
BB320388	Nup85,Pcnt1,frount,MGC105225	9.76E-06	2.18503
AW240611	Nup62,p62,Nupc1	4.82E-18	6.3823
AW681678	Nup54,54kDa,3110079L04Rik	0.00072	2.5759
NM_016714	Nup50,Npap60,AI413123,1700030K07Rik	0.0004	2.03636
BC011102	Nup37,2410003L22Rik,2810039M17Rik	1.92E-07	3.48586
BQ177153	Nup205,AV248391,mKIAA0225,3830404O05Rik	2.86E-11	4.35043
BG073833	Nup155,mKIAA0791,D930027M19Rik	0.00009	2.80312
BB314153	Nup133,4832420O05Rik	0.00003	1.97664
BC004655	Nup107,C76801,AW541137	1.44E-09	7.09159
BC004571	Nudt5	0.00003	1.88608

BC008270	Nudt21,	0	3.68696
NM_008637	Nudt1,Mth1	2.72E-11	4.60609
BM207059	Nudcd3,	1.77E-12	1.80324
BC005646	Nudcd2,	0.00001	2.91949
BI660933	Nudcd1,	1.44E-07	2.72265
BM209748	Nucks1,Nucks,C78391,AI647518,2700010L10Rik,8430423A01Rik	0.00062	1.57445
AV216677	Nsmce1,2510027N19Rik	4.71E-08	3.71822
BB227199	Nsg2,8.5,R75287,AA989750	1.90E-06	4.45033
AI413236	Nsd1,AI528500	0.00003	2.25631
NM_016710	Nsbp1,GARP45,NBP-45,MGC103386	6.39E-18	2.78444
NM_134122	Nrm,AI429796	0.00042	2.75976
AK010412	Nras,N-ras,AV095280	2.24E-11	2.71036
BI696369	Nrarp,2700054M22Rik	0.00018	2.02763
BB343142	Npn2,HT/02	0.00038	2.60988
AK005498	Npm1,B23,NO38,MGC102162,MGC107291	3.55E-06	1.92475
BC022734	Npl,0610033B02Rik	0.00033	5.36027
BC007190	Npc2,HE1,AA408070,AU045843,2700012J19Rik	0	2.20849
NM_020043	Nope,DDM36,WI-18508,mKIAA1628,9330155G14Rik	9.10E-06	1.8188
NM_023144	Nono,nonA,NRB54,P54NRB,AA407051,AV149256,MGC103109	5.71E-20	2.54166
BM213850	Nolc1,P130,	0.00017	2.39754
AK004120	Nola3,NOP10,NOP10P,1110036B12Rik	1.24E-08	1.52265
BC024944	Nola2,Nhp2,D11ErtD175e,2410130M07Rik	2.64E-10	3.86071
NM_026578	Nola1,GAR1,AA409823,AI326794,C430047J18Rik	5.69E-06	2.4083
AK014568	Nol9,AI449622,AW490720,4632412I24Rik,6030462G04Rik	0.00005	3.71136
AK017551	Nol8,	3.94E-06	1.87589
BF660256	Nol5a,NOP56,2310044F10Rik	7.03E-06	2.95855
BB729616	Nol5,SIK,MSSP,MGC105209	1.68E-18	2.57534
AV338483	Nol4,Gm1262,1700013J13Rik,4930568N03Rik	4.87E-20	2.40124
BC008518	Nnt,AI323702,BB168308,4930423F13Rik	6.23E-24	2.31193
AV218841	Nnat,Peg5,AW107673,5730414I02Rik	6.15E-14	3.55995
NM_138314	Nme7,Nm23-M7,Nm23-r7,D530024H21Rik	5.98E-07	1.71282
NM_019731	Nme4,Nm23M4,NM23-M4,2610027N22Rik,	0.00006	4.36421
NM_008705	Nme2,NM23B,nm23-M2,MGC107562,MGC107563	3.12E-20	2.44167
BC005629	Nme1,NM23A,AL024257	0.00014	1.61986
BB636266	Nlk,AI194375	0.00041	2.19549
NM_027280	Nkd1,2810434J10Rik,9030215G15Rik	4.53E-08	7.47074
NM_025623	Nipsnap3a,Nipsnap3b,2700063N13Rik	0.00011	4.75835
AU024536	Ninj1,AU024536	0.00024	7.46856
BM230024	Nin,AI385615,mKIAA1565	0.00077	10.96609
AV322710	Nhlh2,Hen2,NSCL2,Nscl-2,6230401I09Rik	1.15E-17	6.52408
NM_010916	Nhlh1,Hen1,Nscl,Tal2	8.10E-20	13.76147
BI407690	Ngfrap1,Bex3,Nade,AL033356,DXWsu67e	0.00009	1.56272
BB151515	Ngfr,p75,LNGFR,p75NTR,p75NGFR,Tnfrsf16	1.08E-11	10.44533
AV250496	Nfyb,Cbf-A,AA985999	0.00014	1.74653
NM_133921	Nfxl1,GCF,TCF9,DNABF	0.00074	1.75841
BI687652	Nfib,6720429L07Rik,E030026I10Rik	1.07E-08	5.65974
BB453909	Nfia,NF1-A,1110047K16Rik,9430022M17Rik	7.23E-10	11.375
NM_010902	Nfe2l2,Nrf2,AI194320	6.83E-07	1.80678
NM_009717	Neurod6,Nex,Atoh2,Math2,Nex1m,Math-2,MGC90713	0.00006	5.06329
BB250949	Neurod4,ATH-3,Atoh3,Math3,MATH-3,AI846749	0.00041	4.05026
BB129888	Neo1,AI327052,2610028H22Rik,D930014N22Rik	1.92E-09	4.50783

NM_080849	Nek8,jck,4632401F23Rik	0.00033	2.86066
AV277343	Nek7,AU020186	7.99E-06	6.28591
BC019524	Nek6,1300007C09Rik	0.0007	3.85271
C77054	Nek2,C77054,AA617254	1.20E-21	5.58493
AV316939	Neil3,C85903,AI449477,	6.89E-07	10.01467
NM_010890	Nedd4,Nedd4a,Nedd4-1,	1.40E-45	2.00984
BB829652	Nedd1	2.45E-08	6.47348
BI652065	Ndst1,Hsst,NDST-1,1200015G06Rik	0.00007	2.37903
BQ032232	Nde1,Nude,mNudE,AU042936,AW822251,2810027M15Rik	6.61E-10	4.12643
BM293428	Ncstn,Nct,Aph2,AA72731	0.00074	3.62808
NM_011424	Ncor2,SMRT,N-CoR,SMRTe	2.63E-10	4.06978
BF118393	Ncl,C23,Nucl,D0Nds28,D1Nds28,B530004O11Rik	6.38E-19	1.74895
BM238906	Nckap1I,Hemp1,AI463083,4930568P13Rik	0.00057	4.39214
BE948993	Nck2,Grb4,NCKbeta	0.00076	1.96754
AI844633	Ncf1,NOXO2,Ncf-1,p47phox,p47<phox>	0.00009	3.61612
BE980206	Nav1,POMFIL3,unc53H1	9.36E-08	4.42798
BG069191	Nasp,Epcs32,AI131596,AI317140,5033430J04Rik	3.80E-06	11.21763
AK007755	Narg1I,1300019C06Rik	0.00035	1.65024
BE627942	Napg,SNARE,2400003O04Rik	0.00001	2.50638
AA260459	Nap1I1,NAP-1,AA407126,AI256722,D10ErtD68e	3.14E-20	3.16988
AA406997	Myo1b,AA406997,myosin-1b	0.00001	7.27196
U13262	Myef2,mKIAA1341,9430071B01	0.00037	3.04287
BC005453	Mycn,Nmyc,N-myc,Nmyc1,Nmyc-1,c-nmyc	8.83E-38	19.56336
BC006728	Myc,Myc2,Nird,Niard,c-myc,AU016757	1.28E-06	6.45866
NM_033597	Myb,c-myb,M16449,AI550390,MGC18531	3.79E-16	11.44486
NM_053213	Mxd3,Mad3,4631412E13Rik	0.00004	3.60349
AV225865	Muted,mu,1810074A19Rik	0.00075	1.50875
BB103233	Mum1I1,9430086K21Rik	9.03E-09	11.54769
NM_023431	Mum1,UBE-1C2	1.20E-09	2.26022
NM_023166	Mtvr2,MMTV,1110021A21Rik	5.88E-12	5.18285
BB157298	Mtss1,Mim,	0.00015	4.21536
BG076333	Mthfd2,NMDMC,AW558851	0.00004	6.50575
BG075139	Mtap,MSAP,1300019I21Rik	9.90E-29	3.63366
AV296905	Mta2,mmta2,Mta1I1,Mata1I1,AW550797	0.00063	3.03779
BC016551	Msr2,IgSR,Fcrh2,IFGP2,MMAN-g,FcRH2sc,	0.00002	4.77581
BQ175453	Msn,C78546	1.77E-06	2.38329
NM_010832	Msl3I,Msl3I1,AU018931	0.00019	1.53551
BC024402	Ms4a7,CFFMA,CD20I4,9130422I10Rik,A430103C15Rik	1.17E-12	10.55188
NM_027209	Ms4a6b,1810027D10Rik	0.00009	2.35963
AV304074	Mrps35,MDSO23,MRPS28,MRP-S28,MGC28446	0.00009	2.31303
Y17852	Mrps33,Gdap3,PTD003,CGI-139,MRP-S33,AI841153,MGC106490	1.63E-07	1.72214
BC022162	Mrpl53,1110007K17Rik	0.00019	1.71712
BF787384	Mrpl35,1110066C01Rik	0.00001	2.34146
AB049641	Mrpl13,1110002D09Rik	0.0003	1.949
AK003513	Mpz1I,PZR,1110007A10Rik	0.00006	2.51879
AK012553	Mpped2,239Fb,AV354767,AW060960,2700082O15Rik	0.00004	2.42576
BB540670	Mphosph9,MPP9,MPP-9,C	0.00067	2.4091
BB200034	Mphosph1,B130024C23,C330014J10Rik	6.61E-17	15.68225
L20315	Mpeg1,MPS1,Mpg-1	2.09E-10	22.27444
BC011285	Mobk1b,MOB1,MOB4B,MGC6884,4022402H07Rik	3.17E-12	2.11486
NM_008613	Mns1,AW546487	3.77E-17	6.7184

BF147716	Mmp2,GelA,Clg4a,MMP-2	0.00079	5.64624
BB667813	Mlf1ip,1700029A22Rik	7.71E-07	6.18091
NM_021462	Mknk2,Mnk2,Gprk7,2010016G11Rik	0.00077	1.58016
NM_013791	Mkln1,AU015903,BB154892,A130067F06Rik	0.00037	1.82384
X82786	Mki67,Ki-67,D630048A14Rik	1.86E-38	53.49155
BC026790	Mis12,Misc12,AU044651,RP23-83113.9,2510025F08Rik	0.00002	2.33242
AK013451	Mina,AI449204,1810047J07Rik,2410057H13Rik,3830408E23Rik	0.00058	2.78198
NM_021565	Midn,3000003C15Rik	0.00039	2.47971
BG073178	Mid1,Fxy,61B3-R,Trim18,MGC60591,DXHXS1141	0.00053	5.04933
NM_138315	Mical1,MICAL,Nical,MGC27831,MGC38321	9.34E-10	16.62691
AW494220	Mgl2,MGC123939,MGC124077	6.60E-08	4.47223
NM_023799	Mgea5,Hy5,	1.00E-08	2.14452
BB093351	MGC65590	0.00001	5.77318
BC024891	Mfsd1,1200003O06Rik	0.00003	2.18154
AW536327	Mfap3,AW536327,2610509F16Rik,2700079M14Rik	7.09E-08	1.7351
BG086961	Metap2,p67,Amp2,Mnpep,AI047573,AL024412,MGC102452	1.83E-06	1.89131
NM_010790	Melk,MPK38,AI327312,mKIAA0175	1.31E-19	19.89318
BM123004	Meis1,Evi8,C530044H18Rik	3.40E-06	4.43305
NM_026119	Med4,Vdirp,Vdrip,DRIP36,TRAP36,HSPC126,2410046H15Rik	2.69E-06	1.88676
AK012187	Med25,ESTM2,X83308,2610034E13Rik,2610529E18Rik	3.79E-06	2.51679
AV313203	Mdm1,Mdm-1	0.00034	3.21813
M34328	Mdk,MK,Mek,cytokine	0.00013	1.88166
AK004706	Mdga1,GPIM,1200011I03Rik	7.97E-07	8.62545
U13371	Mdfic,Kdt1,Mdfid	2.09E-10	3.94108
NM_008571	Mcpt2,Mcp-2,MMCP-2	0.00002	4.73565
NM_008570	Mcpt1,Mcp-1,AV080368	0.00004	4.81244
AK010365	Mcm8,5730432L01Rik	0.00011	3.15395
NM_008568	Mcm7,Mcmd7,mCDC47	3.62E-31	11.59573
NM_008567	Mcm6,Mcmd6,ASP-I1,D1Wsu22e	0	65.09827
AI324988	Mcm5,Cdc46	1.38E-38	13.01738
BC013094	Mcm4,19G,Cdc21	3.08E-12	5.02924
C80350	Mcm3,P1,Mcmd,p1.m,C80350,AL033361	3.25E-14	19.09696
BB699415	Mcm2,BM28,CDCL1,Mcmd2,AA959861,AW476101,mKIAA0030	9.25E-18	9.16332
AK010648	Mcm10,C79164,AU018508,2410041F14Rik,C330019M07Rik	7.41E-12	5.93968
BC003839	Mcl1,AW556805	6.54E-22	1.69657
BM224735	Mbtd1,hemp,AA408199,AI194990	4.81E-10	2.76672
AF072249	Mbd4,Med1	0.00006	1.82951
BB444511	Matr3,AI841759,AW555618,mKIAA0723,D030046F20Rik	0.00011	2.00055
BG065061	Mat2a,MGC6545,D630045P18Rik	1.22E-10	2.19381
BG072383	Mastl,THC2,C88295,MGC117975,2700091H24Rik	0.00056	3.95325
BB367890	Mast2,Mtssk,MAST205,mKIAA0807	0.0003	2.43588
BM211104	Mars,MTRNS,MetRS,MGC90747	0.00022	1.58675
AV110584	Marcks1,F52,Mlp,Mrp,	7.41E-26	9.00471
BB454540	Marcks,Macs,PKCSL	2.18E-11	2.51756
AK005032	March8,Mir,1300017E09Rik	0.00013	2.31428
BM228525	Mapre1,Eb1,BIM1p,	4.24E-13	2.49558
NM_010765	Mapkapk5,MK5,PRAK	0.00004	1.70863
NM_008696	Map4k4,HGK,Nik,AU045934	2.42E-20	10.1612
AW547374	Map3k7,Tak1,C87327,B430101B05	0.00022	2.78622
BM240275	Map3k1,Mekk,MEKK1,MAPKKK1	4.82E-29	11.01997
BB540608	Map2k6,MEK6,MKK6,Prkmk6,SAPKK3	8.15E-06	2.65889

AK013287	Mak3,Mak3p,AW112078,2600005K24Rik,2810441M03Rik	1.03E-07	1.5263
NM_010760	Magoh	9.43E-12	2.56509
BF180812	Magi3,	1.17E-08	4.05431
AV326943	Magi1,AIP3,BAP1,	0.00051	2.07299
AF319976	Maged2,ORF1,Mage-d2	0.00021	2.76506
AV006603	Mageb3,Smage3,Mage-b3,Mage-ps1,Mage-rs3	0.00047	1.69573
BC011282	Mad2l2,REV7,MAD2B,2310033C13Rik	1.69E-14	6.48627
NM_019499	Mad2l1,MAD2,AA673185,MGC113763	8.73E-21	9.41866
NM_011839	Mab2l1l2	2.07E-33	17.08404
AV066625	Lzp-s	0	13.19752
AK007657	Lzic,AW047580,1810030J04Rik	0.00009	3.20432
AW208566	Lyzs,Lys,Lzm,Lzp,Lzm-s1,AI326280	0	15.68719
NM_025281	Lyar	2.69E-16	2.39869
NM_010745	Ly86,MD1,MD-1	8.84E-09	4.94398
NM_133762	Luzp5,Mtb,5830426I05Rik	2.88E-15	6.46737
BG070818	Luc7l2,Cg174,CGI-59,CGI-74,AA522013,AU015269,4930471C18Rik	4.40E-06	2.39831
BC014865	Ltb4dh,2510002C21Rik	9.23E-16	5.2389
BM211048	Ltap,Lp,Lpp1,stbm,Vangl2,Vang1l2,C530001F03Rik	1.78E-06	2.64248
BI696719	Lta4h	1.96E-08	1.66269
NM_133939	Lsm8,AW214405,2010003I05Rik	3.83E-11	3.28219
NM_025520	Lsm5,2010208O10Rik,2310034K10Rik	3.64E-12	3.74168
NM_015816	Lsm4	0.00005	3.04383
NM_026309	Lsm3,SMX4,USS2,1010001J12Rik,6030401D18Rik	5.81E-30	4.0184
AF204156	Lsm2,G7b,SmX5,Dmapl,Sm-X5,snRNP,Dmpkap	1.94E-14	4.19274
BG073826	Lrrtm1,AW125451,4632401D06Rik	0.00004	4.15124
BB541889	Lrriq2,AA437768,2810403B08Rik,4932439K18Rik,E130116N02Rik	0.00008	1.6067
AV310220	Lrrc41,MUF1,	4.21E-22	15.52652
AW907805	Lrp1b,LRP-DIT,9630004P12Rik	1.43E-19	1.94592
BB524113	Lrig3,mKIAA3016,9030421L11Rik,9130004I02Rik,9430095K15Rik	8.76E-23	18.69165
BB104671	Lrig3	2.45E-08	8.35878
AF188507	Lrba,Lba,C80285,Lab300,D3Ertd775e	0	7.72464
NM_080420	Lpo,5830499B15Rik	0.00007	4.48499
BC003305	Lpl	0.00001	8.53543
AF357006	Loxl1,Loxl,MGC106801	8.67E-08	5.61288
BB795075	LOC98434	1.95E-12	3.77356
BB344065	LOC552908	0.00019	2.2739
BM240205	LOC548102	7.48E-06	3.59356
AV167958	LOC545536	2.84E-12	1.65317
BM195235	LOC544986,	0.00007	1.97045
AV217426	LOC544823	2.07E-07	1.90702
BB166401	LOC432971	0.00009	2.79522
BM204579	LOC432798	0.00002	2.34937
BI081163	LOC384179	1.31E-07	2.11848
BG073393	LOC382639	8.44E-06	4.41901
BM229128	LOC382156	3.51E-13	3.09918
AW763751	LOC277193,LOC432650,LOC432898	1.25E-06	8.5713
BB204486	LOC224870	0.00009	2.23762
BC002257	LOC215866	2.45E-09	22.55362
BG064871	Lmyc1,Lmyc-1,AW536278,MGC102165	0	19.99707
NM_010723	Lmo4,Crp3,Etchi4,A730077C12Rik	0.00025	2.2507
BB152209	Lmnb1	3.83E-09	6.83125

AV360881	Litaf,TBX1,C85531,N4WBP3,3222402J11Rik	0.00006	2.01829
BB353220	Lims2,PINCH2	0.00089	5.06415
BC005621	Lims1,PINCH,Lims11,PINCH1	0.00004	3.9037
AK004806	Limd1,AW822033,D9Erd192e	0.00053	2.72819
NM_010715	Lig1,Ligl,mLigl,AL033288	9.25E-12	5.38125
NM_010710	Lhx2,ap,LH2A,Lh-2,Lim2,apterous	0.00009	6.77723
BB309408	Lhfpl3,A930031L14Rik	1.17E-14	3.83681
BB238390	Lgtn,D1Erd5e	0.00015	1.71938
NM_011175	Lgmn,AEP,Prsc1,AI746452,AU022324	1.03E-06	1.67185
X16834	Lgals3,GBP,L-34,gal3,Mac-2	3.18E-22	6.74798
AI642438	Lgals1,L14,Galbp,L-14.5,Lect14,AA410090,galectin-1	2.39E-17	5.00771
AV156961	Leprot,LEPR,VPS55,Obrgrp,MGC6694,OB-RGRP	0.0004	2.08711
AV110871	Ldld3,AI194318,6430500P08	2.48E-12	1.94491
AF030333	Ldb1,NLI,CLIM2	0.00044	2.65908
NM_008879	Lcp1,Pls2,AW536232,L-fimbrin,D14Erd310e	0.00045	3.7275
X14607	Lcn2,24p3,NGAL,AW212229	8.66E-24	12.33393
NM_133815	Lbr,ic,AI505894	2.04E-34	3.36026
C77643	Lats2,AV277261,AW228608,4932411G09Rik	1.96E-14	2.09379
NM_134137	Lars,AW536573,mKIAA1352,2310045K21Rik,3110009L02Rik	0.00001	1.8164
BB218107	Laptm5,E3	0.00021	4.91919
AK010384	Lap3,LAP,LAPEP,AA410100,2410015L10Rik	7.23E-12	3.43128
BB022070	L3mbtl3,MBT-1,AI481284,MGC90546	3.79E-06	2.44587
NM_029571	Kti12,AI326810,AU014758,1110001A12Rik	0.00081	2.26354
NM_025327	Krtcap2,Kcp2,0610010112Rik	0.00002	1.81937
BC010202	Kras,ras,p21B,K-ras,Kras2,Ki-ras,Kras-2,MGC7141,AI929937	0.00011	1.88106
NM_008379	Kpnb1,IPOB,Impnb,MGC8315,AA409963	1.41E-07	2.47682
NM_010655	Kpna2,Rch1,IPOA1,MGC91246,2410044B12Rik	1.01E-35	4.41747
NM_023294	Kntc2,HEC,HEC1,AV139730,2610020P18Rik	1.01E-15	10.90481
AW536884	Kntc1,D330012D13	2.34E-23	7.46387
BG073366	Klhl3,Hnrpa0,1110055B05Rik,3010025E17Rik	2.85E-08	2.13838
BM124262	Klhl24,C85082,1110046J11Rik,4930429H24Rik,6530402O20Rik	0.00036	1.68446
NM_026167	Klhl13,Bklhd2,AI451128,mKIAA1309,1200009K10Rik	0.00002	2.65034
AV230488	Klf3,Bklf,Tef-2,AL024007,9930027G08Rik	1.25E-14	2.1827
BM249597	Klf12,AP-2rep,AI225908,AI315654,2700063E05Rik,B130052C06Rik	0.00007	2.65231
NM_008446	Kif4,Kns4,AI323435,D330050K22Rik	1.61E-14	9.27771
BB104669	Kif2c,MCAK,ESTM5,Kns16,X83316,MGC11883,4930402F02Rik	0	13.52694
AW986176	Kif23,CHO1,Kns15,MKLP1,C87313,MKLP-1,3110001D19Rik	2.05E-21	30.02654
BC003427	Kif22,Kid,C81217,Kif22a,AU021460	4.83E-37	17.22318
NM_009004	Kif20a,AA415432,Rab6kifl	1.43E-18	15.05188
BC016095	Kif18a,AU024633,MGC27627,B130001M12Rik	1.13E-06	4.91759
BB827235	Kif11,Eg5,Kif8,Kif11,Kns11	3.12E-26	12.28324
BQ174458	Khsrp,KSRP,6330409F21Rik	2.39E-10	2.76052
AK014353	Khdrbs3,Etle,SIm2,SLM-2,T-STAR	1.31E-16	5.2454
AJ278133	Kdelr2,1110007A14Rik	5.17E-22	2.688
BM198314	Kdelc1,EP58,Kdel1,1810049A15Rik,5730416C13Rik	6.78E-07	2.23689
BB042748	Kctd4,AU017169,2210017A09Rik	0.00022	2.10441
BB091366	Kctd15,BC031749,MGC25497	2.53E-10	3.33424
BB162318	Kcnq5,D1Mgi1,AA589396,7730402H11,9230107O05Rik	1.24E-13	5.24737
BG063584	Kcnq1,Kcna9,KVLQT1,AW559127	0.00008	1.60704
BI988550	Kbtbd9,Gm68,mKIAA1921,A230106N14Rik	4.74E-08	6.70877
AK012319	Katna1	0.00051	1.83095

NM_053092	Kars,LysRS,AA589550	2.31E-16	1.80193
BE996326	Josd3,2810003M17Rik,4930553M18Rik,5930426I11Rik	0.00012	2.70291
AA415022	Jmjd2a,Jmjd2,MGC28562,mKIAA0677,D4ErtD222e	6.42E-06	2.4787
BC026605	Jmjd1a,TGSA,Tsga,Jmjd1,mKIAA0742,1700105C21Rik,	9.21E-07	2.66223
BM246184	Jarid1a,RBP2,Rbbp2,C76986,AA409370,MGC11659	8.58E-09	1.88795
AV359819	Jag1,Htu,Ser-1,slalom,Serrate-1,Headturner	0.00011	3.93464
BM248471	Itsn1,Ese1,itsn,EHSH1,Sh3p17	0.00005	6.32818
NM_025922	Itpa,Itp,AU020102,2010016I08Rik	0.00041	1.8681
AA756810	Iitm1,AA408947,BB081708	5.11E-06	2.46267
NM_008404	Itgb2,2E6,LAD,Cd18,Lfa1,MF17,LCAMB,AI528527	0.00098	1.90239
BM120341	Itgb1,CD29,Fnr,gpIIa,AA409975,AA960159,4633401G24Rik	0.00003	3.43083
AK003416	Itgav,CD51,1110004F14Rik,2610028E01Rik	1.32E-06	2.09901
BQ175493	Itga8,AI447669,E030013I19Rik	0.00048	3.20409
AK010892	Isoc1,2610034N03Rik	4.64E-11	4.16564
BB546077	Isg20I2,C80587,4930429N24	2.86E-17	4.74693
BB345784	Irs1,IRS-1	0	4.31306
BG069095	Irf8,Myls,ICSBP,IRF-8,lcsbp1,AI893568	0.00008	4.42497
BM201500	Ireb2,Irp2,D9ErtD85e,DKFZp564D1164	1.35E-06	3.6351
NM_016721	Iqgap1,AA682088,mKIAA0051,D7ErtD237e,D7ErtD257e	1.23E-25	3.26866
BE626727	Iqcf4,1700042N06Rik	0.00006	3.92361
BB499356	Ipo9,Imp9,C78347,Ranbp9,mKIAA1192,0710008K06Rik	1.08E-16	8.10114
AV278060	Invs,inv,AI428552,AW45512	2.03E-07	1.98859
BB468410	Insm1,IA-1	1.70E-19	29.60631
AW545952	Ing5,AI225768,1700001C14Rik,1700027H23Rik,1810018M11Rik	0.00017	1.63091
BB020556	Ing3,P47ING3,1300013A07Rik	0.00069	1.62275
BC016573	Ing1,mING1h,p33Ing1,AA407184,AI875420,2610028J21Rik	0.00003	2.40514
BI410774	Incpn,C77457,AU019509,C130081E20,2700067E22Rik	0.00002	7.05802
M33934	Impdh2,IMPD	1.66E-09	3.91648
NM_133976	Imp3,AI256594,1190002L16Rik	5.14E-06	1.91866
BC008259	Immnp1I,AU042386,MGC101970,1500034J20Rik,2610528O17Rik	0.00002	1.89575
BG069530	IIf3,NF90,MPHOSPH4	1.88E-08	3.5225
NM_026374	IIf2,Tex261,Tex267,TEG-267,6230405A16Rik	0.00007	2.41337
NM_018770	Igsf4a,BI2,ST17,Igsf4,Necl2,Tslc1,RA175A	7.80E-13	1.61175
AK019524	Igsf3,V7,Cd101,Igsf2,	0.00087	2.11985
M94350	IgI-V1,IgL,1810027O01Rik,immunoglobulin lambda-chain	0.00034	2.29645
BC013496	Igk-V21,Ig kappa chain	6.31E-40	19.87172
AV057155	Igk-C,MGC118128,kappa light chain C_region	1.02E-17	15.8555
BC006026	Igj,Jch,AI323815,9530090F24Rik	5.47E-08	7.88222
BC019425	Igh-VJ558,MGC6727,AI893585,MGC118142	7.68E-17	20.67341
BM935068	Igfbp1,IGFBPL,2810011G06Rik,2810453O06Rik	2.63E-17	28.3456
AI481026	Igfbp7,Fstl2,mac25	6.01E-12	3.10479
BB787243	Igfbp4,Deb2,IGFBP-4,AI875747	1.82E-07	2.30875
AK011784	Igfbp2,Igfbp-2,AI255832	0.00008	2.73862
BC010291	IIfitm3,Fgls,IP15,Cd225,mil-1,Cdw217,1110004C05Rik	1.30E-08	2.21284
NM_030694	IIfitm2,mil-3,IIfitm3I,MGC102396,fragilis3	8.56E-09	4.51824
M74124	IIfi205,D3,D3cDNA	8.35E-13	9.4274
AI481797	IIfi202b,IIfi202,IIfbip-1,IIfi202a	0.00037	4.90388
BB078200	Iler5I,2610524G09Rik	1.74E-06	5.35378
BF147705	Iler5	3.92E-44	6.52982
NM_008322	Ildh2,IDPm,Ildh-2,E430004F23	6.26E-27	4.28685
NM_010497	Ildh1,IDPc,Ild-1,Ildh-1,AI314845,AI788952,	1.55E-06	2.92295

NM_019987	Ick,AI848300,2210420N10Rik	1.04E-07	4.81701
NM_008303	Hspe1,10kDa,mt-cpn10,MGC117526	0.00016	1.70766
AI648003	Hspd1,60kDa,Hsp60	1.02E-14	1.60479
BE912771	Hspa4,70kDa,APG-2,Hsp110,Hsp70RY	1.49E-12	2.08367
NM_008292	Hsd17b4,MFE-2,Mfp-2,AW208803,perMFE-2,17[b]-HSD	0.00013	1.92458
BC014753	Hsd11b2	0	12.74225
BG065273	Hrmt1I4,Hrmt1I3	0.00009	2.00371
AK010534	Hrmt1I3,Prmt3,AL033309,2010005E20Rik,2410018A17Rik	5.73E-07	2.48037
AK020120	Hrmt1I2,Mrmt1,Prmt1,AW214366,6720434D09Rik	1.87E-13	2.54807
BB357347	Hrmt1I1,Prmt2,AI504737	1.80E-15	1.80327
AF326551	Hpca	0.00011	4.54938
BC020024	Hp1bp3,Hp1bp74,MGC28927	1.43E-06	1.52321
AB017136	Homer2,CPD,Vesl-2,Cupidin,AW539445	2.54E-13	6.59791
BF228203	Hnrpu,SAFA,Sp120,C86794,hnRNPU,	1.60E-13	2.09516
AW701147	Hnrpr,hnRNPR,2610003J05Rik	4.03E-19	2.10228
AK011521	Hnrpm,AA409009,KIAA4193,mKIAA4193,2610023M21Rik	0.00002	2.10442
BC006805	Hnrpll,PHGPx,AI256697,AI852082,2510028H02Rik	1.13E-12	1.8165
NM_025279	Hnrpk,NOVA,hnRNPK,MGC102032	1.34E-13	1.7205
NM_021510	Hnrph1,Hnrph,E430005G16Rik	1.11E-09	1.52967
AW412441	Hnrpf,AA407306,MGC36971,MGC101981,4833420I20Rik	6.60E-15	3.77236
BB711246	HnrpdI,JKTBP,AA407431,AA959857,hnRNP-DL	1.03E-23	1.91743
BC011172	Hnrpd,Auf1	0.00016	2.26955
NM_016884	Hnrpc,Hnrnpc,Hnrpc1,Hnrpc2,hnRNPC1	8.10E-16	1.90007
NM_010448	Hnrpab,CBF-A,Cgbfa,3010025C11Rik	1.52E-34	4.44889
BC024454	Hnrpa3,hnRNPA3,	1.16E-17	2.294
BG064117	Hnrpa2b1,Hnrpa2,hnrnp-A,9130414A06Rik	1.94E-09	1.70227
BI663320	Hnrpa1,Hdp,hnrnp-A1	4.13E-18	2.78504
AV067695	Hn1	0	4.9922
AF079222	Hmmr,CD168,Rhamm,AA386826	2.88E-11	6.46805
AV018952	Hmgn3,TRIP7,HMGN3a,HMGN3b,BB071015	0.00031	1.53954
NM_008251	Hmgn1,Hmg14,HMG-14,MGC103397	1.91E-31	3.71707
NM_008253	Hmgb3,Hmg4,Hmg2a	0	8.52088
X67668	Hmgb2,Hmg2,HMG-2,C80539,MGC103184	6.17E-30	15.84546
BF166000	Hmgb1,Hmg1,MGC103168,MGC103169	0.00045	1.81564
NM_133964	Hlrc1,AI585913,AL022869,1110033C18Rik	0.00057	1.59284
NM_013820	Hk2,HKII,AI642394	0	6.14086
NM_019469	Hist2h3c1,H3f2,H3-615,BE691662,Hist2h3ca1	3.74E-09	9.00468
NM_013550	Hist1h3a	0.00004	2.3254
W91024	Hist1h2ao	9.50E-09	13.14668
BB295220	Hirip3,C86302,B130036O03	3.47E-24	4.48726
NM_010423	Hey1,HRT1,Herp2,hesr-1,AI316788,AI414254	2.09E-24	5.4142
NM_010422	Hexb	0.00001	2.37833
NM_008234	Hells,LSH,Lysh,PASG,YFK8,AI323785,E130115I21Rik	2.09E-14	10.03695
AV256030	Hectd2,AW212605,4921524L07,A630025O09Rik	0.00004	2.25155
BG065877	Hdlbp,AA960365,AI118566,D1ErtD101e,1110005P14Rik	8.17E-06	1.81133
BB291880	Hdgrp3,HRP-3,2700022B06Rik	1.24E-07	2.0403
C80147	Hdgf,AI118077,D3ErtD299e	0.00014	2.92088
BB750646	Hdac9,HD9,HD7B,HDRP,	4.56E-06	4.42149
AV292968	Hdac2,YAF1,Yy1bp,mRPD3,D10Wsu179e	0	3.79993
NM_008228	Hdac1,HD1,RPD3,Hdac1-ps,MGC102534,MGC118085	3.12E-09	1.93698
BC026853	Hbp1,C86454,BE629963,1700058O05Rik,C330012F01Rik	0.00002	1.90369

AK014330	Hat1,Hat-1,AA536933,2410071B14Rik	3.69E-06	2.0901
BI111967	H3f3a,H3.3A,MGC102150	3.93E-12	2.21778
BC022974	H2-Ke2,Ke-2,H-2Ke2	6.23E-08	1.62127
S70184	H2-K1,H-2K,H2-K,MHC I	0.0001	7.19297
AF119253	H2-Ea,Ia3,Ia-3,H-2Ea,AI323765,E-alpha-f,MGC117888	1.75E-11	9.96818
BC011306	H2-D1,H-2D,H2-D,MHC B7.2	3.91E-08	2.91341
AY074806	H2afz,H2A.Z	0	3.09075
AF171080	H2afy,mH2a1,H2AF12M,macroH2A1	2.35E-09	2.54196
BC028539	H2afv,H2av,C530002L11Rik	0	3.89101
BF661121	H2afj,MGC118637,E130307C13	2.35E-07	2.24901
AV018723	H2-Aa,Ia1,Ia-1,H-2Aa,Aalpha,IAalpha	9.43E-15	8.30433
BC003830	H1f0,H1fv,H1(0),MGC19309,MGC98218,MGC117919,D130017D06Rik	2.66E-25	2.08192
NM_010376	H13,Spp	0.00053	2.11872
BM243571	Gvin1,VLIG,ligs1,VLIG-1,9130002C22Rik,9830104F22Rik	0.00073	2.76328
NM_010368	Gusb,g,Gur,Gus,Gut,asd,Gus-r,Gus-s,Gus-t,Gus-u,AI747421	0.00005	2.70149
NM_013882	Gtse1,B99,Gtse-1	0.00055	4.79081
AV221508	Gtf3c4,AI426938,AU014771,AU017413,5330400C03	0.00038	1.93386
AV297256	Gtf3c2,AI225816,AU041069,TFIIIC110,mKIAA0011,	0.00019	1.53912
BM940130	Gtf2h5,D17Wsu155e,2700017P07Rik,2810432H05Rik	9.58E-06	1.567
NM_026584	Gtf2e2,34kDa,AI462509,C330006J08Rik	2.68E-08	2.05248
AK011543	Gtf2e1,FE,56kDa,TFIIE-A,AI303800,2610024P03Rik	0.00027	1.83401
BG075741	Gtf2a2,12kDa,Tfllg	3.60E-06	2.29283
AB003502	Gspt1,G1st,Gst-1,	7.75E-07	2.47316
BG063622	Gsk3b,GSK3,GSK-3,C86142,GSK-3beta,7330414F15Rik,	0.00086	2.13779
BE457839	Gsg2,Haspin	1.18E-06	3.23542
BB000455	Gm,epithelin	0.00071	2.62274
AW556947	Grif1,AI841135,KIAA1722,mKIAA1722,6430596G11Rik	0.00022	2.02864
NM_013536	Grcc2f,C2f	1.84E-10	1.96059
NM_013535	Grcc10,C10,2310033H05Rik	0.00002	1.74661
BC021308	Gpsm2,Pins,6230410J09Rik	5.13E-19	10.18143
BB461269	Gprk6,GRK6	9.29E-07	2.21003
BC026975	Gpr85,2900026B03Rik,DKFZp761L08121	2.91E-10	1.61619
BF159976	Gpr56,Cyt28,TM7LN4,TM7XN1	0.00027	4.51471
BB259283	Gpr27	0.00008	2.23431
BG073622	Gpr161,Gm208,Gm208Gpr	3.47E-07	4.86025
AK004377	Gpr153,PGR1,AI449320,1110065N12Rik	0.00075	6.05757
BC019649	Gpr125,AU044632,3830613O22Rik	1.12E-18	6.53804
NM_053110	Gpnmb,ipd,Dchil	1.20E-06	10.79029
BM203355	Gpiap1,P137,Gpiap,AL022980,MMGPIP137	0.00003	2.11745
BF021177	Gnl3,Ns,C77032,BC037996,MGC46970	3.09E-13	1.98944
BC002316	Gng5,G(y)5	1.70E-08	1.96653
BB522409	Gng2,82,1110003P13Rik	0.00001	9.71844
NM_025278	Gng12,AA536815,AI115529,AI314170,AI842738,2010305F15Rik	1.12E-06	3.15132
NM_025277	Gng10,AV006524	1.37E-08	2.52165
BM210111	Gnb2l1,p205,Rack1,GB-like,Gnb2-rs1	2.64E-37	2.96508
BG069873	Gnb1l,Wdr14,Wdvcl,ESTM55	0.00005	6.46631
NM_008142	Gnb1,Gnb-1,C77571,AA409223,MGC98074	1.85E-06	2.18568
BM207342	Gnai3,Gnai-3,AI158965,AW537698	4.57E-06	2.21748
BF302166	Gna12,AI414047,AI504261,Galpha12	0.00018	5.85774
AW553616	Gmps,AA591640,AI047208	1.75E-13	2.99925
NM_020567	Gmnn,Gem,AW546347	6.35E-20	6.32065

AA839814	Gm237,MGC67243,MGC73511	1.05E-09	2.97235
AI449447	Gm1805,Gm407,Gm721,MGC102209	0.00031	2.47405
AK010388	Glt8d1,AI450005,2410004H05Rik,5430414N14Rik	4.12E-09	1.50206
NM_031184	Glis2,Nkl,Gli5,Klf16,MGC36775	0.00051	2.42083
AW546128	Gli2,AW546128	2.13E-14	8.88852
NM_010296	Gli1,Zfp5,Zfp-5,AV235269	6.43E-10	5.42342
BB272589	Glce,Hsepi,AI747411,1110017N23Rik,C130034A12Rik	0.00013	3.28742
AA152997	Glcci1,Gig18,Tssn1,2310047L21Rik,A130036A18Rik	0.00029	2.06434
AV148957	Gja7,Cx45,Cnx45,Gja-7,C130009G16Rik	6.06E-20	15.55418
BB760902	Git2,KIAA0148,mKIAA0148,1500036H07Rik	7.64E-08	1.83638
BB493888	Gga2,mKIAA1080,1200007E24Rik	0.00094	1.83
BB750040	Gfap,AI836096	1.75E-06	2.62798
BC025157	Gemin6,2610019B15Rik,2810470M17Rik	2.11E-07	3.18709
AK016023	Gdpd1,RP23-352L3.1,2610020H15Rik	0.00009	1.51461
NM_020619	Gcs1,AI181835,1810017N02Rik	0.00077	2.69724
AW547050	Gas5,Gas-5,MGC6251	2.89E-09	4.08297
BE199211	Gas2l3,Gm240,8430435B07Rik	3.88E-15	8.43177
BB667193	Gas2,Gas-2	0.00003	2.53325
BB550400	Gas1,Gas-1,AW554192	0.00004	2.57843
NM_010256	Gart,Gaps,Prgs	4.95E-10	2.37497
BC021747	Gars,Sgrp23	1.37E-34	1.64497
BM123170	Gapvd1,AW108497,KIAA1521,mKIAA1521	0.00001	1.51587
AF348968	Galnt2,AI480629	0.00054	2.7277
BB458578	Galnt1	0.00036	1.60323
U58494	Gag	0.00001	2.61159
NM_008065	Gabpa	0.00025	1.84661
NM_021356	Gab1,AA408973,AW107238	0.00017	1.98442
BB801060	G630064H08Rik,AI427432,2900024M11Rik	0.00002	3.44872
BC021156	G3bp,C87777,AI849976,KIAA4115	1.19E-23	3.366
NM_008057	Fzd7,Fz7	1.20E-23	2.55535
AU020229	Fzd3,Fz3,AU020229	0.00075	2.6841
BB371406	Fzd2,Fzd10,Mfz10,Mfz10a,AW456835	2.73E-13	9.41024
AB032010	Fxyd6,Php,061003018Rik	0.00058	1.83597
AV007132	Fxn,FA,X25,FARR,Frda	2.47E-10	3.68155
BE824668	Fusip1,Nssr,TASR,NSSR1,NSSR2,TASR1,TASR2,FUSIP2,SRrp40	0.00006	3.13077
AW108203	Fubp1,FBP,Fubp,Fubp4,D3ErtD330e,9530027K12Rik	1.31E-10	3.24414
NM_008049	Ftl2,Ftl,Ftl-2	2.23E-16	2.65834
NM_010240	Ftl1,Ftl,Ftl-1,MGC102130,MGC102131,MGC118079,MGC118080	4.25E-20	2.78171
BI452727	Fstl1,Fstl,TSC-36,AI316791,AW107808	8.68E-11	4.56454
BB258991	Fshprh1,AI504163,MGC40943	2.12E-07	11.53993
NM_007984	Fscn1,Fan1,AI663989	6.29E-17	6.17611
AF327857	Frmd4b,GRSP1,C87375,GOBLIN,R74720,mKIAA1013,6030440G05Rik	0.00004	8.34361
BB701578	Frmd4a,FRMD4,AI594879,mKIAA1294,5330420J21	4.27E-23	5.24986
BB099015	Frmd3,4.1O,P410,EPB41L4O,9430066I12Rik	0.00004	3.32815
BB490576	Foxp2,CAG-16,D0Kist7,AI449000,2810043D05Rik	4.76E-09	6.38865
NM_008021	Foxm1,WIN,Mpm2,Fkh16,Foxm1b,HFH-11B,Trident,AW554517,MPHOSP	7.72E-08	4.54408
NM_010225	Foxf2,LUN,Fkh20,FREAC2	6.15E-07	2.80559
BM245170	Fosl2,Fra-2	3.08E-06	3.16775
BG064340	Fnbp3,FBP11,Fnbp11,2810012K09Rik	7.65E-10	3.35447
AW548221	Fnbp11,TOCA1,AW548221,MGC30506,2610318I01Rik	2.46E-26	4.75695
BG075699	Flrt2	2.49E-11	3.42768

BM233746	Flna,Fln1,ABP-280,F730004A14Rik	0.00002	3.09938
NM_013902	Fkbp3,25kDa,FKBP25	0.00008	1.67201
NM_021891	Fign1	3.15E-17	17.21741
NM_007999	Fen1,AW538437	5.65E-10	5.23928
NM_010188	Fcgr3,CD16	4.88E-06	7.10885
BM224327	Fcgr2b,CD32,Fcgr2,Fcr-2,Fcr-3,Ly-17,LyM-1,Lym-1	0.00047	4.71816
NM_010185	Fcer1g,CD23,Fce1g,Ly-50,FcR[g],AI573376,FcR-gamma	0.00005	5.65429
AK011820	Fbxo5,Emi1,C85305,Fbxo31,2510044I10Rik	2.54E-25	8.56278
AF441120	Fbxo32,MAFbx,AI430017,ATROGIN1,atrogin-1,4833442G10Rik	1.51E-12	3.993
AK006369	Fbxo30,1700026A16Rik	1.28E-07	2.35015
NM_007991	Fbl,FIB,FLRN,RNU3IP1,AL022665	3.46E-14	5.5599
BG070186	Fancd2,FA4,FAD,FACD,FA-D2,FANCD,AU015151,BB137857	0.00005	3.77065
NM_016925	Fanca,AW208693,D8ErtD106e	8.19E-08	2.05439
BC002008	Fabp5,Klbp,mal1	2.35E-36	5.53201
BB248804	F730047E07Rik,Gm134	0.00006	5.42924
AV024285	F2r,Cf2r,Par1,ThrR,AI482343,MGC28086	0	7.80016
NM_007971	Ezh2,Enx-1,Enx1h,KIAA4065,MGC90723,mKIAA4065	3.62E-39	8.352
AK009584	Exosc8,CIP3,KIAA4013,mKIAA4013,2310032N20Rik	8.27E-08	2.84658
BC024423	Exosc1,AI447561,2610035C18Rik,2610104C07Rik,2610312F07Rik	8.02E-06	2.74954
AV025913	Exoc5,Gm76,SEC10,PRO1912,Sec10I1,AI447711,AI448003	0.00097	1.62245
BB203232	Exoc4,Sec8,C78892,Sec8I1	0.00005	1.9805
BE986864	Exo1,Msa	6.95E-19	7.69612
BB699868	Ewsr1,Ews,Ewsh,AU018891	8.24E-17	1.71787
AW546029	Evl,AI528774	0.00013	2.14444
NM_021292	Evc	0.00034	3.7441
BM218086	Etv6,Tel,AW123102,AW557856	0.00005	3.28108
BC013717	Etf1,ERF,ERF1,TB3-1,SUP45L1,AI463371,MGC18745	0.00083	2.32344
BM200578	Espl1,SSE,ESP1,PRCE,AL024103,AU045071	5.96E-08	12.9538
NM_016903	Esd,Es10,Es-10,sid478	0.00002	1.738
AK010391	Esco2,2410004I17Rik,D030072L07Rik	1.37E-13	17.32096
BB071632	Erh,Mer,Prei1,MGC103398,MGC130271,MGC130272	3.57E-38	4.85331
BC004701	Ercc6l,MGC7766,BC004701,D330021P09Rik	9.46E-10	9.19093
BB815240	Ercc1,Ercc-1	0.00037	3.64909
BM240030	Erbp2ip,Erbin,mKIAA1225,1700028E05Rik	1.80E-07	6.63183
BM238943	Eprs,Qprs,C79379,2410081F06Rik,3010002K18Rik	2.72E-08	1.66647
BE553881	Epha5,bsk,Cek7,Ehk1,Els1,Hek7,Rek7,AI854630	6.56E-33	3.97349
BB254042	Epb4.1l2,4.1G,NBL2,AW555191,D10ErtD398e	0.00046	2.53341
AI595744	Eny2,DC6,Ey2,6720481I12,1810057B09Rik	0.00001	2.12092
BM120053	Enc1,Nrpb,PIG10	0.00002	3.25037
U66888	Emr1,Ly71,F4/80,Gpf480,TM7LN3,DD7A5-7,EGF-TM7	0.00023	1.83995
BB359162	Eml4,AI644019,MGC90779,4930443C24Rik	3.28E-11	4.80081
BG064903	Eme1,MGC106543,6820428D13	0.00003	5.43077
NM_007927	Emd,AW550900	0.00037	1.87419
NM_023876	Elp4,Paxneb,A330107A17Rik	0.00096	1.80473
AW146130	Elk4,Sap1,BB162516,2310011G17Rik,A130026I01Rik	0.00029	2.75264
BB105998	Elavl2,Hub,mel-N1	2.33E-07	3.12023
AK011870	Elavl1,HUR,Hua,W91709,2410055N02Rik	1.46E-07	2.88039
BC024899	Eif5a,Eif4d,MGC6725,AA410058,D19Wsu54e	4.90E-06	1.72886
NM_013507	Eif4g2,p97,Nat1,DAP-5,Natm1	1.25E-23	1.89114
NM_007918	Eif4ebp1,PHAS-I,AA959816	0.00001	5.88835
BM120823	Eif4e2,Eif4e13,AI036339,AV129531,D0H0S6743E,2700069E09Rik	1.71E-09	3.98726

AK010644	Eif4a1,Eif4,Ddx2a,BM-010	4.83E-16	3.01068
BG923834	Eif3s9,PRT1,AL033316,AL033334,AW208965	0.00006	2.49515
AV235349	Eif3s8,110kDa,NipilA3,MGC36637,NIPIL(A3),3230401O13Rik	3.64E-07	1.70666
BC024463	Eif3s6ip,PAF67,HSP-66Y,MGC37328,0610011H21Rik	1.20E-09	2.33474
AK002576	Eif3s6,Int6,48kDa,eIF3e,eIF3-p46,eIF3-p48	3.63E-08	1.87301
BC008511	Eif3s4,p44,44kDa,D0Jmb4,TU-189B2,eIF3-p44	0.00064	1.66593
NM_018799	Eif3s2,36kDa,Trip1,D4Erttd632e	1.78E-17	1.7629
BI904160	Eif3s12,eIF3K,1200009C21Rik	0.00017	1.75341
AW701127	Eif3s10,Csma,Eif3,mKIAA0139,A830012B05Rik	2.23E-17	1.51403
BQ175028	Eif2s1,35kDa,Eif2a,eIF2alpha,0910001O23Rik,2410026C18Rik	0.00025	1.74985
NM_025437	Eif1ay,AI426898,1500010B24Rik	8.38E-17	2.46686
BM200591	Eif1a,Ef1a,Eftu,Eif4c,C76390,eIF-1A	1.08E-06	2.17189
BB409568	Ehmt1,mKIAA1876,D330003E03,EU-HMTase1,9230102N17Rik	0.00082	1.70414
AV369812	Egfr,Wa5,wa2,Erbb,Errp,wa-2,AI552599,9030024J15Rik	2.36E-18	7.45761
NM_010112	Efs	4.50E-17	4.49153
BB790825	Efna2,Epl6,Elf-1,Cek7-L,LERK-6,Ephrin-A2	0.00043	4.1345
BC007152	Eef2,Ef-2,MGC98463	0.00018	1.70867
AF321126	Eef1g,EF1G,AA407312,MGC103354,2610301D06Rik	0.00003	1.99208
AV104363	Eef1d,AL023999,1700026P12Rik,5730529A16Rik	1.95E-38	2.01298
NM_018796	Eef1b2,Eef1b,2810017J07Rik	7.75E-33	2.24864
AV238324	Edg3,LPb3,S1P3,AI132464	2.34E-08	6.3695
BG064496	Edem1,EDEM,mKIAA0212,A130059K23Rik	0.00018	3.95252
AV246296	Eda2r,Xedar,TNFRSF27,MGC124099,9430060M22Rik	4.31E-25	20.71996
NM_007900	Ect2,AI528536,KIAA4037,mKIAA4037	6.10E-31	18.25629
AK007491	Ebna1bp2,p40,Ebp2,Nobp,	0.00003	1.80531
AK014058	Ebf3,O/E-2,KIAA4201,mKIAA4201,3110018A08Rik	0	9.88853
AI049170	Ebf1,Ebf,Olf1,O/E-1,Olf-1,AW990631,9830166E18Rik	4.48E-11	8.95031
BM932622	Eaf1,AI666536,4933403C17Rik	3.24E-06	1.98104
BE648090	E430025E21Rik,C76463,AL022848,MGC31278,mKIAA0196	0.00002	1.76469
BB556624	E330024J20Rik	5.96E-08	4.4021
BM247465	E2f8,AA410048,4432406C08Rik	0.00018	5.51017
BG069355	E2f7,D10Erttd739e,A630014C11Rik	1.76E-11	5.75855
BQ176318	E2f3,E2F3b,E2f3a,mKIAA0075	9.27E-09	3.03351
BB543028	E2f2,E130207A07	2.56E-07	9.3604
AK017841	E2f1,E2F-1,KIAA4009,mKIAA4009	1.01E-07	3.74214
BM226118	E130306D19Rik	0.00003	3.94044
BF464487	E130114P18Rik	2.11E-15	8.14775
AU015377	E130105L11Rik,AA589388	0.00006	1.59823
AV256780	E130014H08Rik,A130096K20	0.00006	2.70645
AK007736	Dyrk2,1810038L18Rik	3.84E-11	5.36499
BG093881	Dynlt1,Tctex1,Tctex-1,MGC107111	9.65E-17	2.94164
NM_019682	Dynll1,Pin,DLC8,Dncl1	1.31E-17	2.36036
AF091101	Dut,Dutp,dUTPase,D2Bwg0749e,5031412I06Rik,5133400F09Rik	0	3.59771
BE951717	Dusp11,AI481497,2010300F21Rik	0.00002	1.62936
NM_023136	Dtymk,Tmk,CDC8,TMPK,TYPK,mtmk,AU044245,D10Erttd203e	8.53E-13	5.90937
AK012919	Dtl,Ramp,2810047L02Rik,5730564G15Rik	5.07E-15	12.94339
NM_053090	Drctnb1a	4.17E-07	3.20612
BB821609	Drbp1,Drb1,G430095G15Rik	0.00047	1.83416
NM_011993	Dpysl4,DPY4,Crmp3,Drp-4,Ulip4,CRMP-3,AI173505	0.00001	1.68598
NM_009468	Dpysl3,TUC4,Ulip,Ulip1,CRMP-4	6.66E-16	7.56318
BM119324	Dpy19I,AI225861,AW558481,6030402K12,1100001I19Rik	0.00056	1.7186

BQ174742	Donson,ORF60,AI845729,1110025J21Rik	0.00006	1.70557
NM_026082	Dock7,Gm430,mKIAA1771,3110056M06Rik	0.00008	1.86677
AK017170	Dock11,sph238,Zizimin2,8030476J24,5033414A21Rik	1.96E-24	6.36485
BB292932	Dock1,AI854900,9130006G06Rik,D630004B07Rik	6.03E-09	11.0651
BB543070	Doc2a	2.96E-06	6.21979
BB116018	Dnmt1,Dnmt,Met1,Cxhc9,MTase,Met-1,Dnmt1o	2.58E-12	4.96898
BM942465	Dnajc9,AU020082,5330419I01Rik	1.70E-17	2.61756
BG067003	Dnajc2,Zrf1,Zrf2,MIDA1,AU020218	9.06E-08	2.93283
C87112	Dnajc17,C87112,D9Bwg1371e,1700025B16Rik	1.53E-06	2.19754
BB546985	Dna2l,mKIAA0083,E130315B21Rik	4.33E-14	3.35441
BM250919	Dlg7,Hurp,C77459,C86398,mKIAA0008	1.11E-07	7.0552
BM238212	Diap3,Dia2,mDia2,KIAA4117,mKIAA4117,p134MDia2,4930417P13Rik	5.79E-06	5.29024
NM_023232	Diablo,Smac,AU040403,0610041G12Rik	0.00012	2.06033
U91922	Dhx9,RHA,Ddx9,NDHII,NDH II,AI326842,MGC90954	1.69E-07	2.49617
AK010512	Dhx40,PAD,DDX40,ARG147,2410016C14Rik	0.00009	2.23748
BC003745	Dhx15,DBP1,HRH2,Ddx15,mDEAH9,MGC117685	1.22E-11	1.57582
NM_010049	Dhfr,AI662710,AW555094,8430436I03Rik	9.12E-10	3.92097
BC016218	Dera,DEOC,2010002D22Rik,2500002K03Rik	0.00018	2.27557
BB136172	Depdc1b,XTP1,AW260467,9830132O03	4.13E-11	5.72894
BC005799	Depdc1a,Depdc1,5830484J08Rik	2.24E-07	6.93909
AV260555	Dennd2a,mKIAA1277,C130031G22,B930096L08Rik	5.39E-09	11.98011
AK007546	Dek,D13H6S231E,1810019E15Rik	2.41E-11	2.14373
NM_007850	Defcr3,Defcr-3	0.00061	2.77687
BC011308	Ddx41,ABS,AA958953,AI324246,2900024F02Rik	0.0004	3.9546
AV214253	Ddx39,BAT1,DDXL,URH49,2610307C23Rik	1.58E-21	3.80828
BM246099	Ddx21,AI255159,AL022742,D10Wsu42e,D10ErtD645e	0.00002	4.31387
NM_025860	Ddx18,MGC117904,2310005B10Rik	2.08E-10	2.15086
NM_016765	Ddah2,G6a,Ddah,NG30,AU019324,AW413173,1110003M04Rik	6.23E-21	9.0563
BB418548	Dcx,Dbct	1.43E-24	29.65273
BE630687	Dck	0.0001	3.70314
BE824778	Dcc	0	24.24271
BB757120	Dcamkl1,DCLK,Cpg16,mKIAA0369,1700113D08Rik,2810480F11Rik	4.21E-09	2.4358
AB064321	Dbn1	0.00086	4.84467
NM_013726	Dbf4,Ask,AA545217	6.15E-20	18.40088
NM_133188	Dazap1,mPrp,2410042M16Rik	5.90E-07	2.70892
BC026671	Dapk1,AI642003,D13Ucla1,DAP-Kinase	0.00013	3.21373
BQ175713	D930050A07Rik	2.54E-28	2.75948
BM234701	D930015E06Rik,mKIAA0922	0.00087	6.88492
C77595	D8ErtD51e	8.47E-09	6.07144
BG068420	D8ErtD457e,AI116001,mKIAA1802,D8ErtD569e	0.00022	1.88255
AV328498	D7ErtD715e,AU018661	0.00087	2.14897
BB230617	D5ErtD798e	0.00008	1.9689
AU015121	Cyclin B1	8.59E-21	41.36861
AV110855	D4ErtD429e	3.19E-16	1.93367
BM203518	D4ErtD22e,1110022I03	0.00004	2.25251
BM116882	D430019H16Rik,AI852661	5.62E-06	7.88711
BF321707	D3Wsu161e	0.00009	2.46654
BF658806	D3Ucla1,RAMP4,Serp1	0.00085	2.06168
BE989344	D3ErtD330e	1.38E-07	2.28306
AK012148	D2ErtD750e,C15orf23,1700025D04Rik	3.57E-11	6.05854
BM115569	D230012E17Rik,Pgap1,A530084K22,5033403E17Rik,9030223K07Rik	0.00017	1.79431

BG918881	D1Bwg0212e,C40,2410015L18Rik	7.28E-08	1.70921
BG918834	D19Ert409e	0.00004	1.86775
AI314709	D19Bwg1357e,AA675048,KIAA0020,1110069H02Rik	0.00026	2.19975
NM_033075	D17H6S56E-5,G7e	1.57E-16	11.40566
AV116987	D17Ert441e,Hn11,AL022629,AY358078,C16orf34,2810430B18Rik	1.48E-13	4.90268
AK009258	D16Ert472e,AI256766,AW536354,	1.89E-06	2.8694
AV227727	D16Bwg1543e,AW546090,5730448P06Rik	0.00012	1.76803
C81400	D15Ert4366e,Eplin,1110021C24Rik,3526402A12Rik	0.00004	4.61039
BG072279	D14Ert449e,AA960404,0610008K04Rik,0610010A22Rik	1.33E-07	6.26615
AV304373	D14Ert231e,BC028953	0.00063	2.25263
NM_138596	D13Wsu50e,C78613,AA959813,AI385605	0.00041	1.5254
AK013251	D13Wsu177e,AA409471	5.46E-14	2.96492
BB530158	D130064H19Rik,AU015422,MGC117989,5730509D14	1.54E-12	2.00329
BB456871	D130016B08Rik	3.10E-07	1.68795
AV025581	D10Wsu102e,AI747614,C430041I18Rik	0.00007	1.74956
BB256746	D030056L22Rik	0.00017	1.67522
BI083036	D030034H08	0.00096	2.23197
NM_018887	Cyp39a1	0.00006	2.90717
C87524	Cyp11a1,Scs,Cyp11a,Cyp11a,P450scc,D9Ert411e	3.38E-10	17.34288
AV373944	Cybb,Cgd,Nox2,C88302,gp91phox,gp91<phox>	9.81E-08	4.0277
AK018713	Cyba,b558	5.09E-10	12.27645
D87747	Cxcr4,CD184,LESTR,Cmkr4,PB-CKR,PBSF/SDF-1	1.95E-27	10.51973
BE824924	Cxadr,CAR,MCAR,AU016810,AW553441,2610206D03Rik	1.25E-12	3.49467
BC012653	Cx3cr1	6.47E-06	5.12988
AK014327	Cwf19l2,9030209E10,3230401L03Rik	0.00081	2.09522
BE979587	Cugbp2,ETR-3,Napor,C88023,Napor-2,B230345P09Rik	5.26E-07	6.46297
BI155559	Ctxn1,Ctxn,BC028881,MGC25920	1.92E-07	8.03919
BB231897	Cttnbp2nl	2.31E-06	1.74579
AW488544	Cttnbp2,ORF4,Cortbp2,mKIAA1758,6430526E05,4732477G22Rik	7.78E-06	2.82534
NM_022325	Ctsz,CTSX,AI787083,AU019819,D2Wsu143e	1.44E-15	4.76377
NM_021281	Ctss	1.13E-13	4.17524
BB542535	Ctsh,AL022844	1.47E-07	6.494
NM_009983	Ctsd,CD,CatD	5.06E-15	2.96913
NM_009982	Ctsc,DPP1,DPPI,AI047818	1.47E-19	7.18268
AU019852	Ctsb	0.00005	2.27028
NM_016748	Ctps	7.15E-21	4.3421
NM_025680	Ctnnb1,NAP,P14L,FLJ21108,NYD-SP19,5730471K09Rik	9.94E-10	2.91022
BC003241	Cstf3,C79532,MGC6373,4732468G05Rik	7.81E-08	2.25654
NM_007792	Csrp2,Crp2,SmLim,AW551867	8.02E-22	7.46299
AW553463	Cspp1,BC055915	1.99E-06	1.96861
BM939365	Cspg3,Ncan,Tgfbt,neurocan,C230035B04	5.10E-11	6.64567
NM_023565	Cse1l,Cas,Xpo2,Capts,AA407533,2610100P18Rik	0.00001	1.70201
AV216648	Csda,Yb2,Dpba,MSY4,Ybx3,dbpA,oxyR	7.30E-15	9.83944
AV143435	Crnk1,crn,C80326,1200013P10Rik	0.00005	1.72832
AB006714	Crmp1,DRP-1,Ulip3,Dpysl1	2.47E-06	2.96029
AW060274	Crebbp,CBP,AW558298	0.00058	1.73903
AK014391	Creb1,Creb,Creb-1,AV083133,2310001E10Rik,3526402H21Rik	0.00007	1.89722
BB425379	Cpsf6,CFIM,CFIM68,AI256641,HPBRII-4,HPBRII-7,4733401N12Rik	0.00054	2.36081
BC025045	Cpsf4,30kDa,C79664,MGC36996	1.77E-07	3.79719
BC011155	Cpsf3l,AU044035,2410006F12Rik	0.00013	2.08796
BM239527	Cpsf2,Cpsf,MCPSF,100kDa,AI662483,mKIAA1367,2610024B04Rik	0.00055	1.95579

BB009037	Cp,D3ErtD555e	3.64E-07	11.71823
AK009614	Cox7a2l,EB1,SIG81,COX7AR,COX7RP,SIG-81,Silg81,MGC103208	0.00039	1.57069
NM_010926	Cox4nb,Noc4	2.38E-08	2.70041
BQ175820	Copa,xenin,AU040324	5.24E-07	1.75001
BB230296	Commd3,Bup,AW550818,D2ErtD542e	0.00006	2.01823
BI412929	Commd2,HSPC042,AI047739,D3ErtD176e,1190017G07Rik	0.00085	1.83922
AB076722	Commd1,Murr1,AI256843	0.00002	2.74092
BG074456	Col9a3,AV006866	0.00006	5.41289
AK004383	Col9a1,Col9a-1	0.0003	2.29597
BF158638	Col4a1,Col4a-1	0.00032	2.32176
AW550625	Col3a1,Ms10w,Col3a-1,MMS10-W,AW550625,KIAA4231,mKIAA4231	8.13E-12	3.16119
BB836814	Col11a1,cho	8.49E-24	16.27414
AV294603	Cog7,Gm167,5630400E24Rik	1.02E-36	5.1161
BB210424	Cog1,Ldlb,KIAA1381,mKIAA1381,6030445115	0.00041	2.32668
BM940481	Cnot6,CCR4,AA407540,AW456442,MGC98472,A230103N10Rik	6.01E-14	2.89605
BM940481	Cnot6,CCR4,AA407540,AW456442,MGC98472,A230103N10Rik	9.59E-06	1.58248
BB705075	Cnn3,C85854,1600014M03Rik	1.28E-24	2.77573
AW547258	Cnih4,HSPC163,AI647760,AW050376,D530030D03Rik,	4.86E-09	2.41591
BM237919	Cnbp1,Cnbp,AA408710	2.69E-07	1.8508
NM_024217	Cmtm3,BNAS2,Cklfsf3,AI413895,9430096L06Rik	7.29E-07	5.37323
BG067086	Clspn,C85083,CLASPIN,B130025E01,E130314M08Rik	9.11E-30	4.50917
NM_020008	Clec7a,BGR,beta-GR,Clecsf12	1.81E-10	6.59877
AF108501	Clca2	2.91E-07	3.7839
BB037161	Clasp1,mCLASP1,	0.0001	1.90036
NM_025415	Cks2,CKSHS2,1110038L14Rik	0	31.45478
NM_016904	Cks1b,Cks1,sid1334,AA407784,2410005G18Rik,2610005D03Rik	3.35E-40	32.14933
AY047360	Cklf,C32,CKLF1,CKLF3,CKLF4,CKLF5,Cklf2,Cklf6,	4.90E-12	17.28153
BB312117	Ckap4,P63,CLIMP-63,5630400A09Rik	0.00045	2.39522
BM208103	Ckap2,LB1,AI461656,AW228814	0	22.59788
BQ174991	Chsy1,KIAA0990,mKIAA0990	1.62E-33	3.07188
AF472588	Chrna3,(a)3,Acra3,Acra-3,A730007P14Rik	2.68E-08	4.65828
NM_016681	Chek2,CHK2,Cds1,Rad53,HUCDS1	0.00001	2.07317
C85740	Chek1,Chk1,rad27,C85740	2.40E-23	16.09168
AW554535	Chd7,A730019I05Rik	0.00014	1.66591
BE630807	Chd2,BC029703	0.00004	4.55856
BM246546	Chchd3,AW558177,0610041L09Rik,1700039J09Rik	7.22E-06	1.96256
BC013532	Chaf1b,CAF1,CAF1A,C76145,CAF1P60,CAF-lp60,	2.04E-16	4.88647
AW457682	Cep57,Tsp57,AI467480	3.99E-08	2.88759
BB466021	Cep1,IB3/5,Ma2a8,CEP110,AA968343,6720467O09Rik	4.41E-06	3.01436
BG068259	Cenpj,LAP,CPAP,Gm81,LIP1,MGC102215,4932437H03Rik	9.06E-13	5.43461
BC025084	Cenph,ENP,CENP-H,AU044255,	1.14E-09	9.73272
BE848253	Cenpf,CENF,Lek1,PRO1779,AI325968,6530404A22Rik	3.80E-23	26.67516
BG916502	Cenpe,Kif10,312kDa,CENP-E,AU019344,BC049989,C530022J18	8.35E-41	23.55517
NM_007683	Cenpc1,Cenpc	0.00006	2.3845
AV132173	Cenpa,Cenp-A	1.67E-35	28.37398
BB366565	Cecr2,KIAA1740,mKIAA1740,2610101O16Rik,2810409N01Rik	6.40E-11	10.41218
AB012273	Cebpg,Gpe1bp,Ig/EBP,GPE1-BP,C/EBP[g],C/EBPgamma	0.00034	1.77982
AF320340	Cdv3,TPP36,C79446,2510010F10Rik,C230084J24Rik	1.08E-15	2.04902
AK010426	Cdkn3,2410006H10Rik	0.00002	3.76857
BC027026	Cdkn2c,p18,INK4c,INK4d,C77269,p18INK4c	1.73E-34	3.26023
AK007630	Cdkn1a,P21,CDKI,CIP1,SDI1,Waf1,	7.67E-07	3.48075

BM238926	Cdk6,Crk2,AI504062,5830411I20	5.91E-31	64.41711
NM_009870	Cdk4,Crk3	3.65E-23	12.58211
AK004852	Cdk2ap1,Doc1,ST19,Apc10,DORC1	0	3.79155
NM_016756	Cdk2,A630093N05Rik	3.46E-10	2.50703
BB210819	Cdh4,Rcad,AW120700,R-cadherin	6.40E-13	3.10588
NM_011800	Cdh20,Cdh7	4.91E-08	3.6132
BB702047	Cdca8,BOR,MESRGP,AU044747,D4Ert421e,4831429J16Rik	3.42E-28	31.91333
AK011289	Cdca7,JPO1,AU044109,2310021G01Rik	2.65E-15	19.22291
NM_026410	Cdca5,C85404,AL024086,AW536684,2610036L13Rik	9.75E-11	7.66079
AF322238	Cdca4,HEPP,2410018C03Rik	2.19E-06	9.31024
BI081061	Cdca3,C8,Grc8,Tome-1,2410005A12Rik	1.20E-39	19.23612
BG065056	Cdca2,AI586158,2610311M19Rik	4.24E-40	33.17091
AK010351	Cdca1,NUF2R,C85691,AU044112,2410003C07Rik	0.00004	8.40753
AB018574	Cdc7,Cdc7I1,muCd7,AI597260,MGC91067	0.00093	1.75359
NM_011799	Cdc6,CDC18L	9.23E-20	13.83137
NM_009862	Cdc45l	2.11E-17	8.48475
AV226461	Cdc42se2,SPEC2	3.42E-09	1.72712
AK004569	Cdc40,EHB3,PRP17,1200003H23Rik	0.00006	1.79838
NM_007659	Cdc2a,CDK1,Cdc2,p34<CDC2>	0	64.98814
BB209183	Cdc25c,Cdc25	0.00003	8.72686
NM_023117	Cdc25b,AI604853	0.00044	2.17468
C76119	Cdc25a,D9Ert4393e	5.14E-06	1.90465
BB492440	Cdc23,6030435O18,D18Ert4243e	0.00047	2.32083
BB041150	Cdc20,C87100,p55CDC,2310042N09Rik	2.87E-18	9.45157
BC026606	Cdc16,2810431D22Rik	2.82E-10	1.7472
BB479310	Cdc14a,Cdc14,CDC14A2,CDC14a1,A830059A17Rik	0.00006	3.55727
AK004342	Cd99,D4,pilr-1,1110061M03Rik,2410026K10Rik	0.00003	3.97983
NM_007657	Cd9,Tspan29	2.30E-41	5.64541
NM_013489	Cd84,CDw84,SLAMF5,A130013D22Rik	0.0001	1.68699
BC021637	Cd68,gp110,Scard1	5.48E-17	5.70519
NM_007651	Cd53,Ox-44,Tspan25,AI323659	0.00009	4.4135
NM_013706	Cd52,B7,MB7,CLS1,B7-Ag,AI463198,CAMPATH-1	9.72E-14	8.18554
AW146109	Cd44,Ly-24,Pgp-1,HERMES,AW121933,AW146109	0.00001	2.00126
AF251705	Cd300d,CLM4,DlgR1,Igsf7,Lmir2,Cd300c,MAIR-II	0.00061	2.56193
BB398671	Cd2ap,C78928,METS-1,AL024079	0.00048	2.10676
BF123439	Cd24a,HSA,Ly-52	0	29.78566
NM_007639	Cd1d1,Cd1a,Cd1d,CD1.1,Ly-38,AI747460	1.94E-24	11.58478
NM_007638	Cct7,Ccth,Cctz,AA408524,AL022769	2.14E-31	2.22252
AI325146	Cct6a,Cct6,Cctz-1	1.02E-09	1.57326
NM_007637	Cct5,Ccte,mKIAA0098	2.21E-20	1.8849
BE648588	Cct4,A45,Cctd,C78323,2610204B21Rik	0.0004	2.14321
AL024092	Cct3,Cctg,Tric-P5,AL024092,Tcp1-rs3	0.0004	1.74729
NM_007636	Cct2,Cctb	2.59E-12	2.0548
AA798895	Ccrn4l,Ccr4,AU043840,nocturnin	2.33E-06	2.56546
BF320908	Ccr9,Cmkbr10,GPR-9-6	1.27E-14	2.56434
NM_007634	Ccnf,CycF	1.26E-07	5.43292
BQ175880	Ccnd2,Vin1,Vin-1,C86853,AI256817,BF642806,2600016F06Rik	1.95E-19	19.0801
NM_007631	Ccnd1,Cyl-1,PRAD1,bcl-1,AI327039	0	13.40569
AK013312	Ccnb2,CycB2	4.72E-28	30.74549
NM_007629	Ccnb1-rs1,CycB1,Cycb-5,Cycb1-rs1	9.68E-20	21.37836
NM_007629	Ccnb1-rs1,CycB1,Cycb-5,Cycb1-rs1	8.65E-24	20.34534

X75483	Ccna2,Ccn1,Ccna,Cyca,Ccn-1,AA408589	2.30E-40	21.53871
BG093955	Ccm2,BC029157,MGC37115,RP23-169J19.3	8.35E-08	5.5032
NM_021443	Ccl8,HC14,Mcp2,MCP-2,Scya8,AB023418,1810063B20Rik	0.0002	4.31292
AF281075	Ccl24,CKb-6,MPIF-2,Scya24	0.00026	3.4174
BC024400	Ccdc5,HEI-C,BC024400,MGC36238	1.12E-14	5.80661
BC002274	Ccdc23,AI851162,2410005K17Rik	0.00013	2.51677
NM_138603	Ccdc22,Sfc22,AI481216,DXImx40e	5.69E-06	1.99872
AV271182	Ccdc18,MGC100177,NY-SAR-41,1700021E15Rik,4932411G06Rik	0.00029	5.61016
AW538049	Ccar1,Carp1,MGC90759,2610511G16Rik,9430036H15Rik	1.61E-07	1.9676
NM_007626	Cbx5,HP1,HP1a,C75991,2610029O15Rik	4.27E-06	2.47715
BC018354	Cbx3,M32,HP1g,MGC118084	9.51E-10	1.70099
BI440502	Cbx1,Cbx,M31,HP1B,MOD1,Cbx-rs2,E430007M08Rik	8.68E-11	2.45079
NM_022309	Cbfb,PEA2,Pebp2,PEBP2b,Pebpb2,AI893578	1.02E-26	5.6142
NM_009824	Cbfa2t3h,ETO-2,MTGR2,A630044F12Rik	0.00059	3.12058
NM_011997	Casp8ap2,FLASH,mKIAA1315,D4Erttd659e	0.00003	1.83881
NM_009811	Casp6,Mch2,mCASP-6	3.25E-05	2.12545
BG070529	Casp3,Lice,Yama,PPP32,Apopain,Caspase-3,A830040C14Rik	7.59E-14	8.59241
NM_007610	Casp2,ICH-1,Nedd2,Caspase-2	4.83E-36	3.91981
BB818947	Casc5,MGC91208,2310043D08Rik,5730505K17Rik	8.02E-07	7.82938
AU080787	Carhsp1,Crhsp-24,MGC101919,D16Erttd465e,1200011K09Rik	9.66E-24	5.99701
NM_007606	Car3,Car-3,BB219044	8.54E-10	6.35595
AI463215	Capza1,CAPZ,CAZ1,Cappa1	0.00011	1.71812
AW743924	Capns2,2310005G05Rik	0.0003	5.19196
BM238658	Cand2,Tp120b,mKIAA0667,2210404G23Rik	1.41E-07	5.02629
AI510077	Cand1,Tp120a	0.00019	1.51211
BG862223	Camk2b,Camk2d,MGC90738	3.61E-07	6.38854
NM_007594	Calu,9530075H20Rik	7.67E-21	2.5265
AK014755	Cald1,	1.08E-06	3.46659
AI462674	Cadps,CAPS,CAPS1,AU067781,MGC90712,mKIAA1121	0.00046	4.03463
NM_009784	Cacna2d1,Cacna2,Cchl2a	5.55E-11	6.44869
AV094811	C80913,Rmp,NNX3	0.00002	1.9611
C79445	C79445	9.52E-11	3.30795
BB540053	C79407,KIAA1903,mKIAA1903,6720403H11	2.54E-25	26.92474
BB182501	C630043F03Rik,AI851307	0.0001	10.73829
BB021125	C630040K21Rik	4.23E-12	1.99883
BB493717	C530008M17Rik,KIAA1211,mKIAA1211	3.00E-21	4.88366
NM_009780	C4,Ss	0.00003	3.36772
BB333624	C3ar1,AZ3B,C3AR,HNFAG09	0.00001	4.01353
BI104294	C330027G06Rik	1.95E-09	2.29739
AU018569	C330027C09Rik,AA408511,AU018569	0.00014	3.56356
BM199125	C330017115Rik	0.00005	2.25124
BG075755	C230098O21Rik,AI836570,AW557042	4.49E-11	3.43334
AI852434	C230098I05Rik,Gm637,AI852434,G630023A01Rik	1.31E-22	8.85904
BB235011	C230085N15Rik	0.00023	3.29621
BB762904	C230079D11Rik,Gm329,Gm945,D430002O22Rik,D930044O18Rik	0.00004	4.92787
BB547893	C230078M08Rik	3.24E-06	3.81463
BB067544	C230071H18Rik	0.00009	7.28223
NM_011795	C1ql1,CRF,C1qrf,glialcolin	1.25E-10	2.22539
NM_007574	C1qg,C1qc,AI385742	4.83E-18	12.06826
NM_007573	C1qbp,P32,HABP1,gC1qBP,AA407365,AA986492,D11Wsu182e	0.00002	1.86685
BB111335	C1qb	7.41E-37	10.38773

NM_007572	C1qa,C1q,AI255395	4.14E-39	9.43208
BB739357	C130073D16Rik,BB163993	0.00007	2.65722
BB648310	C130071C03Rik	0.00004	3.89284
BB431627	C130052G03Rik,Gm17,FRAG1,FLJ12735,RP23-328O2.1	1.70E-13	4.09482
BG073396	C130032J12Rik,9130202B12	1.64E-18	3.2436
BB526251	C130009A20Rik	0.00026	4.05102
BB450286	C030036D22Rik	0.00017	4.36495
BM932775	Bzw2,HSPC028,MGC7203,1110001I24Rik	5.83E-16	3.80724
AV144956	Bzw1,MGC6434,mKIAA0005,1200015E15Rik	0.00052	2.84139
AV144956	Bzw1,MGC6434,mKIAA0005,1200015E15Rik	0.00007	1.90139
BC014832	Bxdc2,C76935,1110064N10Rik	0.00001	1.83052
BE986800	Bub3,C78067,AU019800,AU021329,AU043350,AW146323	1.42E-10	1.93246
AU045529	Bub1b,BUBR1,AU045529,MGC36092	5.39E-25	30.0337
AF002823	Bub1,Bub1a,C80208,D2Xrf87,AL022991	1.49E-36	18.75959
NM_009770	Btg3,ANA,tob5	0.0008	2.01533
BB724547	Btbd9,AI464421,4930402L05,1700023F20Rik	6.49E-15	2.05126
AK018115	Btbd11,6330404E16Rik	3.28E-10	4.45529
BC021499	Brrm1,HCAP-H,MGC38424,mKIAA0074,A730011O11Rik	7.95E-30	8.78669
BG075579	Brpf1,4833438B11Rik,4930540D11Rik	0.00005	2.1594
BG071758	Brip1,OF,Bach1,3110009N10Rik,8030460J03Rik	0.00009	3.44073
BM219644	Brd8,SMAP,2610007E11Rik,4432404P07Rik,4933408B17Rik	6.52E-18	2.03587
NM_012047	Brd7,BP75,CELTIX1,Ptpn13ip	5.69E-13	1.88327
BG072367	Brd3,ORFX,Fsrg2,RINGL3,AW060456,2410084F24Rik	0.00036	2.53696
NM_009765	Brca2,Fancd1,RAB163,AI256696,AW045498	2.66E-11	3.90474
U31625	Brca1	4.42E-14	11.71085
BE992311	Bola2,BolA-2,1110025L05Rik	9.28E-11	2.82064
NM_016778	Bok,mtd,matador,AI847676,AU021146	3.45E-16	8.88517
BB005556	Boc,mFLJ00376,4732455C11,DKFZp434L072	0.0003	2.26356
AV144704	Bnip2,Nip21,BNIP2beta,5730523P12Rik	1.38E-10	2.55836
BB007109	Bms1l,AA408648,AU020092,AU043373,BB007109,	1.92E-07	2.29621
BC027279	Blvrb,MGC11726,MGC27866	0.00032	10.10686
AV149605	Blmh,BH,BMH,AI035728,MGC36899,MGC37104,MGC39026	1.68E-07	1.84341
NM_007550	Blm	4.71E-09	3.75937
BC004702	Birc5,Api4,TIAP,AAC-11,survivin40	0	35.54846
NM_007544	Bid,AI875481,AU022477,2700049M22Rik	3.67E-06	6.78837
BI965039	Bclaf1,Btf,AI450190,AW556225,KIAA0164,MGC30519	0.00001	1.93065
AK012404	Bcl2l13,Mil1,Mil-1,MGC38758,BCL-RAMBO,E430016C20Rik	0.00002	1.88002
BB667581	Bcl2l11,Bim,Bod	6.62E-06	3.15875
L16462	Bcl2a1a,A1,Bfl-1,Hbpa1,Bcl2a1,BB218357	4.22E-07	3.49465
BM117007	Bcl11b,Rit1,Ctip2,B630002E05Rik	1.14E-10	5.33934
BB424718	Bcl11a,Evi9,Ctip1,mKIAA1809,2810047E18Rik	7.19E-17	11.85144
X17502	Bcat1,BCATc,Eca39	0.00001	1.79088
BB765964	BC088983,KIAA1712,MGC113766,mKIAA1712	0.00006	2.14863
BB779105	BC068171,MGC107501	1.37E-14	2.78251
AV114409	BC066140,4732427B05	0.00064	2.38291
AI851982	BC060615,MGC79150,B930044J06	0.00009	3.34698
BE852799	BC053994	0.00019	4.01414
BE949497	BC048355,Rcl,C76683,MGC54855	0.00008	3.62112
BM933144	BC046404,MGC59632	0.00061	2.86102
AV276428	BC043118,AU022790,MGC58045,5031404N19	6.97E-06	3.78758
AU022230	BC037674,FOE,mWAPL,KIAA0261	0.00091	1.52836

AV094888	BC030867,MGC31269,MGC117894	0.00007	2.12366
AV239972	BC030440,MGC40914	3.86E-07	3.99981
BB088782	BC029103,MGC105247,9430018I06	0.00019	1.5594
AW047294	BC028440,MGC41256	0.00021	6.03968
BM249388	BC025462,MGC38195,MGC38407	1.65E-10	3.74266
BI664409	BC023969	1.45E-17	16.20275
NM_134063	BC016423,Pap20,AI645998,KIAA2006,MGC25933,mKIAA2006	0.00089	2.0667
BC003885	BC003885,MGC6735	0.00004	1.53984
BM239162	Baz1a,Acf1,Gtl5,cbp146,Wcrf180,BC065123,B930060C03	5.30E-13	3.6669
BC018228	Bax	4.31E-09	2.33353
BC011067	Bat1a,Bat1,Bat-1	3.27E-14	2.6054
AK011545	Basp1,CAP23,Ckap3,NAP22,CAP-23,NAP-22,2610024P12Rik	2.14E-14	9.28498
NM_019446	Barhl1,MBH2,Dres115	2.95E-19	9.92083
NM_011793	Banf1,BAF,Bcrp1,C78287	3.55E-16	3.27352
BB459664	Bach2,MGC117590	0.00053	3.14822
BM239301	B930068K11Rik	2.55E-36	10.79085
BB208466	B930067F20Rik,RP23-352L3.4	0.00047	4.11745
AW556301	B930007L02Rik,AI447437,mKIAA0800	2.27E-08	2.30681
BB329261	B630005N14Rik,AI666701	0.00018	1.56105
AV116077	B3bp,Gm868,N4bp2,Gm1791,E430014I16	3.11E-19	6.26848
BF715219	B2m,Ly-m11,beta2-m	5.07E-12	1.87151
BB440272	B230354K17Rik	1.29E-08	2.01295
BE992834	B230334C09Rik	2.52E-07	3.72138
AW554529	B230308N11Rik	5.50E-10	2.62676
BB454974	B230120H23Rik,Zak,MLTK,AV006891,MLTKbeta,MLTKalpha	3.80E-17	8.64095
BG069311	B130055D15Rik,	1.76E-13	1.83189
BE992549	B130050I23Rik,EVI5L,	0.0001	4.58653
BB531021	B130020M22Rik	0.00008	2.48485
BB207611	AW909330,---,0,1440196_at	0.00025	3.20632
BF228294	AW550801,AU040765,mKIAA1401,RP23-174M12.4	5.37E-06	2.09959
BC024822	AW146242	7.11E-09	2.69832
BC003261	Aurkb,Aik2,Aim1,Ark2,AurB,IPL1,	3.07E-16	9.88114
U80932	Aurka,IAK,Ark1,Ayk1,Stk6,AIRK1,AU019385,AW539821,Aurora-A	1.06E-38	15.48645
BB795206	AU045404,Gm917,C85569,AA469671,AW123895	2.15E-08	3.1482
BI151331	AU020206	0.00041	2.92449
BQ175324	AU014645,Ncbp1,AW538051	5.08E-16	2.024
AV318787	Atxn2,ATX2,Sca2,AW544490,9630045M23Rik	0.0004	1.52715
BB425841	Atrx,XH2,Xnp,ATR2,MRXS3,Rad54,	5.41E-06	4.51573
NM_133884	Atpbd1b,R74630,AI838661	0.00016	4.31236
U03434	Atp7a,Mo,br,Blo,l14,MNK,blotchy,mottled,brindled,DXHXS1608e	0.00082	1.78411
NM_025272	Atp6v0e,M9.2,Atp6k	1.87E-08	2.57685
NM_026468	Atp5g2,MGC118044,1810041M08Rik	6.28E-13	1.55415
BC010820	Atoh1,Hath1,Math1,MATH-1	0	14.10999
BB393498	Atic,AA536954,AW212393,2610509C24Rik	9.83E-08	3.15879
AI747732	Atg7,Agp7,Apg7I,Atg7I,1810013K23Rik	8.47E-09	7.029
BG076353	Atbf1,WBP9,KIAA4228,mKIAA4228,A230102L03Rik	0.00005	2.0563
BM206009	Atad2,MGC38189,2610509G12Rik	1.10E-19	7.80316
BE956516	Asxl1,mKIAA0978,DKFZp434N0535	0.00027	1.6994
BB478135	Aspm,Sha1,MCPH5,Calmcp1,FLJ10518,D330028K02Rik	9.16E-13	19.8562
BM207355	Ash2I	1.17E-11	2.37504
BC003428	Asf1b,AA409591,1700003K02Rik	1.40E-08	7.68668

AK007804	Asf1a,C79052,2310079C17Rik	0.00009	1.74248
AI327392	Ascc3l1	0.00001	1.8799
BC023086	Asb3,2400011J03Rik	0.00061	1.87733
BB322201	Arx	2.95E-13	10.82956
NM_026369	Arpc5,165kDa,p16-Arc,5830443F10Rik	0.00016	2.0295
BC013618	Arpc3,21kDa,p21-Ar,p21Arc,AA408672,AI788639,1110006A04Rik	1.58E-06	1.51586
AK014338	Armet,D17914,AA407711,AA408789,3230402M22Rik	2.54E-07	1.61464
BB837198	Arl6ip6,Aip-6,2310057C01Rik,2610529A11Rik	5.64E-06	3.16141
BB545273	Arl5b,Arl8,4930587A11Rik	0.00001	3.4655
AV273623	Arid2,4432409D24Rik	0.00003	2.81035
BM239772	Arid1b,Ardi1b,AI836955,mKIAA1235,8030481M12,	0.00019	1.74976
NM_008487	Arhgef2,GEF,Lfc,P40,GEFH1,LFP40,Lbcl1,GEF-H1	0.00078	3.02938
BG072763	Arhgap19,AI120128,AW546831,FLJ00368,mFLJ00368,4933411B03Rik	1.60E-06	9.94745
BB199681	Arhgap18,AI314906,AI843501,4833419J07Rik	0.00032	2.68327
AV349116	Arhgap11a,mKIAA0013,GAP (1-12),6530401L14Rik	7.57E-44	20.43668
BI653265	Arf4,AA407803	6.79E-08	1.78876
BI653265	Arf4,AA407803	2.31E-27	1.62791
NM_019870	Ard1,Te2,2310039H09Rik	5.47E-07	6.32503
NM_007475	Arbp,36B4,MGC107165,MGC107166	0	3.66507
BB471787	Aprin,AS3,AI646570,AW212954,mKIAA0979	2.61E-09	5.39103
BB023775	App,Adap,Cvap,Abeta,amyloid,appican	0.00092	1.88636
BC003792	Apobec1,Cdar1	0.00091	3.32699
AV263745	Apex1,APE,Apex,HAP1,Ref-1	7.53E-19	13.91432
BB770932	Apcdd1,Drapc1,EIG180,AB023957,AU041258	1.98E-07	2.66406
BB271021	Apcdd1	0.00066	2.44408
BM124893	Apc,Min,AI047805,AU020952,AW124434	0.00047	1.9771
AK018076	Apaf1,fog,Apaf-1,Apaf1l,KIAA0413,mKIAA0413,6230400106Rik	1.09E-11	3.03063
NM_009682	Ap3s2,[s]3B	7.02E-06	5.11819
BE655707	Ap1s2,EST1,AI853648,1500012A13Rik	0.00008	2.14168
BB433211	Ap1m1,AP47,mu1A,Cltm,[m]1A,Adtm1A,AA408894	0.00027	1.8633
AK007763	Aof2,AA408884,mKIAA0601,D4Ert478e,1810043O07Rik	2.98E-13	3.20712
BC003908	Antxr2,CMG2,CMG-2,cl-35,AW561899,2310046B19Rik	2.16E-06	4.35537
AF378762	Antxr1,Tem8,Antrx1,2310008J16Rik,2810405N18Rik	0.0002	1.69264
NM_023210	Anp32e,CPD1,LANPL,LANP-L,mLANP-L	6.55E-25	3.512
NM_130889	Anp32b,PAL31,Ssp29,PHAPI2a,MGC103080,2410015B15Rik	6.70E-07	2.4278
BI690018	Anln,C78101,Scraps,ANILLIN,1110037A17Rik,2900037I21Rik	5.46E-07	2.2532
BB407885	Ankrd41,C430003I23,8430438L13Rik	0.00002	3.35724
NM_021505	Anapc5,Anpc5,AA408751,AA536819,AA986414,2510006G12Rik	2.31E-16	2.92657
BF322051	Anapc10,APC10,1500026N15Rik,A830003M23Rik	0.00011	1.82959
NM_008569	Anapc1,Apc1,Mcpr,tsg24,	1.40E-06	2.13684
BB443911	Als2cr19,PAR3B,PAR3L,PAR3beta,	2.50E-07	4.67709
BM249614	Alg8,Gm1089,AI447372,MGC74399	0.00042	1.8501
BM231794	Aldh1l2,MGC19039,D330038I09Rik	0.00075	1.83497
AU041266	Alcam,BEN,SC1,MuSC,CD166,AI853494,DM-GRASP,MGC27910	0.00033	4.35887
NM_019776	AL033314,Snd1	6.37E-06	2.2346
BB394466	AL024069,MGC90850,5033414K04Rik	0.00025	3.52819
NM_009652	Akt1,Akt,PKB,PKB/Akt,PKBalpha	0.00003	2.78919
NM_009658	Akr1b3,AR,ALR2,Ahr1,Ahr-1,Aldr1,Akr1b1,Aldor1	0.00054	1.81204
BG296124	Akr1a4,Akr1a1,2610201A18Rik	3.42E-06	1.65279
AV304590	Akap13,BRX,LBC,Ht31,AKAP-Lbc	1.79E-10	3.17585
BG070592	AK122525,mKIAA1553	0.00034	4.42325

NM_019467	Aif1,G1,lba1,AIF-1,AI607846,D17H6S50E	1.16E-12	6.28973
AI843755	AI843755	5.93E-06	4.15984
AA049040	AI840980,MGC30448	0.00053	1.52528
BM240173	AI788777	0.00039	4.17477
BE688410	AI662270,AW496474	0.00068	2.93933
BB014626	AI597013,MGC116630,mKIAA1968,RP23-340H1.6	0.00085	4.50085
BI438039	AI506816	1.82E-22	9.28388
BB200448	AI503316	3.63E-07	1.56675
AU018180	AI481316	8.95E-12	3.58953
BG073348	AI461788,KIAA2037,mKIAA2037,4832414L08	0.00038	2.48187
AV094878	AI449441,Pif1,4631410M14	2.58E-08	4.53909
BG144063	AI429294	0.00045	2.47605
BC024862	AI413631,MGC36453	0.00028	2.5736
BG068357	AI315324	0.00009	1.93558
NM_016661	Ahcy,CuBP,SAHH,AA987153,AL024110,MGC118063	1.30E-11	2.88247
BQ177036	Aff3,Laf4,LAF-4,3222402O04Rik	0.00003	5.16401
NM_007410	Adh5,Adh3,Adh-5,GSNOR	9.61E-07	1.86242
NM_007408	Adfp,ADPH,Adrp,AA407157	2.14E-11	3.8025
AV298858	Add2,2900072M03Rik	3.05E-11	10.47827
BB317588	Adck5,MGC69569,A230108P17	7.02E-08	6.43441
BB227648	Adamts6,ADAM-TS6,5031426K13,A930019D11Rik	3.59E-18	7.5704
D67076	Adamts1,C3-C5,METH1,ADAMTS,ADAM-TS1	0.00035	2.00525
C76813	Adam17,Tace,CD156b	0.00005	5.77436
NM_007397	Acvr2b,ActRIIB,MGC118477	0.00017	4.07221
NM_019673	Actl6a,Actl6,Baf53a,C79802,AI851094,2810432C06Rik	2.97E-13	6.32159
BB143557	AcsI5,ACS2,ACS5,Faci5,1700030F05Rik	0.00029	1.97808
BI413218	AcsI1,Acs,Acas,FACS,Acas1,Faci2	1.15E-08	3.24626
BC005454	Aco1,Irp1,Aco-1,Irebp,AI256519	0.00038	2.72858
AV148646	Acat2,Tcp-1x,AW742799,Tcp1-rs1	2.32E-14	3.13964
BG070487	Acat1,Acat,6330585C21Rik	0.00006	1.96718
BB422726	Abr,AU042359,6330400K15Rik	0	2.53873
AV009478	Abhd14a,Dorz1,AW558221,1110013B16Rik	0.00008	2.16319
NM_011920	Abcg2,MXR,ABCP,BCRP,MXR1,ABC15,Bcrp1,AI428558	2.41E-06	2.19531
BG071908	Abcc1,MRP,Mrp1,Mdrap,Abcc1a,Abcc1b	0.0006	1.77724
AK011997	Aak1,C79663,R75501,	0.00012	4.92108
BM952039	AA408420	0.00046	2.63517
BG070043	AA408296,AW045375	8.38E-06	1.68159
BB243507	A930004J17Rik	0.00065	1.76803
BE136476	A830080D01Rik,Gm1146,2310067E24Rik	6.14E-08	1.9319
BB246786	A730016A17	0.00011	2.02198
BB016206	A430106J12Rik,Ape,Giv,Hkrp1,	3.83E-07	1.93878
BC026947	A230072I16Rik,Bit1,CGI-147	0.0001	3.73711
AV221928	A230057G18Rik,3632434I06	3.90E-17	16.56306
AI428811	9830124H08Rik,MGC38922	0.00013	1.55336
BB456107	9630019E01Rik	0.00098	2.82185
BI076710	9630010G10Rik	5.77E-22	3.86536
BQ175905	9430080K19Rik,AU043147,AW046177	4.17E-12	2.99591
AV374669	9430063L05Rik,C87016,KIAA0477,mKIAA0454,4732458A06Rik	2.55E-06	1.5857
AV162270	9430041P20Rik	7.70E-17	7.07314
AK020412	9430012M22Rik	1.25E-16	6.8576
BM235749	9430010O03Rik,C130008N12	1.06E-06	1.98

BB452927	9030624J02Rik,2610029J22Rik	0.00095	3.45222
AA153045	9030025P20Rik	1.07E-10	3.85477
AI595815	7330412A13Rik	7.74E-11	3.08969
BB667188	6820424L24Rik,AA410078,Al661722	0.0008	2.12329
NM_026551	6720485C15Rik,Al849483,FLJ22955,3010024O21Rik	0.00044	3.79241
AK020138	6720463M24Rik,Al317232	1.83E-17	20.18092
AK011345	6720460F02Rik,Al115087,2610008F03Rik,RP23-207N15.1	9.86E-12	13.09755
BI456243	6720456B07Rik,AW011779	0.00039	1.62221
AK020112	6720420G18Rik	3.21E-12	12.35346
BM248225	6430706D22Rik,Gm975,mfleg1,MGC66590	2.11E-26	5.52125
AV333298	6330546B05Rik	0.00007	3.8269
BG070835	6330503K22Rik,AA415922,Al427129,AW557948	0.00042	1.61622
BB827546	6230416J20Rik,D4Ert27e,mKIAA1574,9830144E06	1.09E-11	2.7079
BE987651	6230409E13Rik	9.87E-08	2.31886
BB174555	6130401L20Rik	0.0001	4.36468
BM123748	6030408C04Rik,AW046379,	6.90E-22	3.77388
BG094946	5930418K15Rik,mKIAA1423	1.01E-09	3.20443
AK011167	5930416I19Rik,2510047L19Rik	1.17E-06	7.05002
BG083626	5930412E23Rik	1.38E-06	4.02645
AK018061	5830485P09Rik	0.00013	5.22648
AK018053	5830474E16Rik	1.72E-11	11.86547
BC023107	5830457O10Rik	0.00013	2.03202
NM_133934	5830446M03Rik,Al181014,AU020769	0.00003	5.7971
BM220939	5830411K21Rik	1.19E-10	9.68192
BF142017	5730601F06Rik,5330440G10Rik	4.04E-12	2.21712
AK017795	5730528L13Rik,2410046L14Rik,2810429P03Rik	0.00024	5.67738
BM241442	5730521P14Rik	4.40E-06	1.53634
BB255999	5730507N06Rik	3.21E-11	2.35846
AV228095	5730507H05Rik,Hcapg,MFT.M05.13	0.00078	3.73867
AK017704	5730478J17Rik	5.06E-32	25.57003
BE308547	5730427N09Rik,Yr29,LNR42,Nsa2p,MGC118054	8.93E-14	2.42984
AV254619	5730405K23Rik	0.00022	3.02481
BB390851	5430417C01Rik	0.00003	3.13925
AW112059	5430416N02Rik	0.00014	4.5698
AK019901	5330421F07Rik,AU067780,mKIAA3015	0.00026	2.17568
BC024953	5033414D02Rik,Al852040,1110007H22Rik	6.92E-08	3.52981
AK017164	5033413D16Rik	1.52E-06	6.91779
BG081701	5033405K12Rik,Al596370,MGC47019,mKIAA1458,8030444K12Rik	0.00011	1.73798
AV303037	4933440N22Rik	0.00039	1.68675
AK013967	4933434L15Rik,MGC74393	0.00009	2.71125
BB667633	4933430F16Rik	1.81E-06	2.83283
BB361436	4933426L22Rik,Cep170,Al195353,A330004A13Rik	0.00068	2.24328
BG067990	4933424N09Rik,mKIAA1504	0.00019	3.05002
NM_138757	4933424B01Rik,MGC28965	0.00002	2.06879
BM120177	4933415A04Rik	0.00014	2.0945
BB476293	4933407H18Rik,mKIAA1530,D330017J19Rik	8.87E-06	3.4662
BB096900	4933402J24Rik	0.00043	2.94706
BE374941	4932442E05Rik	4.19E-13	4.51376
BB076113	4931406I20Rik,AV302541,4732477A13,5730503K05Rik	0.00003	2.42728
BB821996	4930579G24Rik	0.00008	3.79379
BI987274	4930578M01Rik,3010001K12Rik	1.52E-07	6.56943

AI480494	4930534B04Rik,AI449708,AI480494,E230024F20,5430424K18Rik	7.09E-06	4.42474
BM199465	4930516B21Rik,AA432611,AI850658	0.00002	4.43307
AK015695	4930504C09Rik	0.00081	2.83793
AI450962	4930503L19Rik,BB148262,9930107F24	0.00035	4.57316
BM245060	4930431H11Rik	0.00009	2.65162
BE951637	4930427A07Rik,AA536649,FLJ00116,mFLJ00116	2.58E-08	2.99133
AK013448	4930402H24Rik,C78926,AI413763,2810487F15Rik	0.00001	5.81561
BM876680	4921537D05Rik,2600001G24Rik,5730513H21Rik	1.10E-06	2.69096
BE863648	4833427B12Rik,Pfs2,AI323585,2210013I18Rik	2.60E-17	3.66802
AW764291	4833423F13Rik	0.00026	5.14203
AK005287	4833421E05Rik,1500019E20Rik	0.00016	2.30318
BG067119	4833420G17Rik,C85193,AW107518,2210017J06Rik,5730533D17Rik	1.86E-06	1.59141
BC021511	4732486I23Rik,AI502974	0.00081	3.90686
AV227569	4632419I22Rik,RP23-50E4.1	0.00065	2.40622
NM_026640	4632417K18Rik,AW413625	1.49E-14	5.75703
BB326056	4632417D23Rik	5.35E-09	4.76828
AK014527	4631422C13Rik,D430014P18Rik	1.29E-20	5.01938
BB466044	3526402H21Rik	2.52E-08	2.22505
BE225664	3222401M22Rik,KIAA0084,2700010E02Rik	0.00092	4.2471
BC006736	3200002M19Rik,6330414C15Rik	0.00004	3.54561
BQ179705	3200001K10Rik,AA386890,6430512A10Rik	0.00038	1.99664
AW536655	3110050K21Rik,C87618,2600010B19Rik,4930570G11Rik	0.00024	1.90451
AK014134	3110037I16Rik,AV297100	2.05E-06	3.32232
AA879840	3110009E18Rik	0.00001	2.45565
AV339304	3110007F17Rik	0.00016	2.70919
AK013984	3110003A17Rik,MGC107537,1700028I04Rik	2.09E-14	7.66602
BE915283	3110001D03Rik,1700027K24Rik,RP24-200F10.1	0.00002	1.52145
AK013867	3000004C01Rik	4.42E-13	6.01008
AK019372	3000003F02Rik	0.00009	3.57817
BB807002	2900092D14Rik	0.00007	3.60911
BI686661	2900073G15Rik,C80200,AI838292	5.45E-29	2.23134
BI793813	2900045N06Rik,C85544,FLJ10707,	0.00004	3.41176
AK013552	2900018N21Rik	1.18E-09	3.47406
BB711284	2900006B13Rik,RP23-79E13.3	0.00002	3.83344
AV337692	2810485I05Rik,C78303	8.95E-07	1.85903
AA509870	2810474O19Rik,GET,AA536804	2.60E-13	2.46206
AK013380	2810465G24Rik	1.69E-07	2.37324
BE456545	2810442I21Rik,4930500E12Rik	0.0002	2.76665
AF332866	2810441K11Rik	0.00009	4.87073
NM_025581	2810433K01Rik,AV117428	6.85E-41	9.60865
AK017673	2810417H13Rik,Ns5apt9,Ns5atp9,AA409629,MGC29306,mKIAA0101	1.00E-13	12.79791
AK013101	2810417D08Rik,AA408260,AI987735,mKIAA1287	4.27E-13	2.20786
AK013094	2810416A17Rik	6.56E-15	5.57241
BC002240	2810410M20Rik,DPY30,C87842	2.60E-11	1.86295
AK013051	2810409C01Rik	4.27E-09	2.50089
BB374084	2810408A11Rik,4930470J18Rik,RP23-172M21.16	0.00026	3.31873
BC025460	2810406C15Rik,CNAP1,CAP-D2,MGC39046,mKIAA0159	6.49E-08	6.61698
NM_133747	2810405J04Rik,AL024114	0.00012	1.68797
BB451286	2810055G20Rik,D730043B02Rik	4.32E-11	4.63978
NM_026034	2810037C14Rik,Svh	0.0001	3.22927
BM232345	2810028N01Rik	2.35E-08	5.22163

NM_026613	2810027O19Rik,AI596202,4930522P10Rik	2.55E-08	4.0144
AK012825	2810026P18Rik,4933428I09Rik	2.37E-18	4.08381
AK012812	2810025M15Rik,AI429618	1.17E-07	2.09019
NM_025615	2810004N23Rik,3110004G14Rik	0.00039	2.29535
BI408855	2700094K13Rik,Selh	3.41E-37	4.77952
BM224226	2700091N06Rik,AV168274,2400002C23Rik	0.00002	4.63361
BB494601	2700085M18Rik,AI616142	0.00005	2.15184
BE951772	2700083E18Rik,Gm411,AA387377	5.76E-09	3.93064
AV131166	2700081O15Rik,AI255177,AI848741,AW742297	2.55E-32	5.24982
NM_026528	2700060E02Rik	7.03E-06	1.73925
AK012399	2700049A03Rik,mKIAA0586	5.83E-06	3.08852
AK012301	2700029E10Rik,Reep4	1.03E-06	4.34147
BB822655	2700023E23Rik	0.00023	5.27517
AI891882	2610528M18Rik	5.51E-06	5.07694
AV122663	2610528G24Rik	6.24E-24	3.59224
AK019979	2610528E23Rik,AV099812,AV122629,1110001A06Rik,4930572F24Rik	1.19E-10	5.7099
AW494389	2610524H06Rik	7.80E-06	1.97788
BB836571	2610524G07Rik,Preli	0.00016	2.91357
BM230253	2610510J17Rik,AI426416,AW545024	2.05E-11	4.76769
BF303035	2610510H03Rik	7.03E-10	1.70249
BM293412	2610319H10Rik	0.00084	1.98165
AV300716	2610307O08Rik	0.00005	4.05806
AU017373	2610207P08Rik	1.62E-13	7.02113
AK011896	2610206B13Rik,AI451544,MGC35679,2810449K13Rik	3.36E-15	2.41782
BM220421	2610203C20Rik	0.00007	2.58787
AK011838	2610110G12Rik,0610011P08Rik,2610008K08Rik,3110080J08Rik	0.00008	3.44111
BB815856	2610109H07Rik	2.52E-08	15.17164
AU043467	2610040C18Rik,2810407L01Rik	1.00E-06	4.45043
AK012533	2610039C10Rik,MGC100039,2810018N07Rik	6.48E-30	6.22021
BF453953	2610036L11Rik	0.00025	2.56082
BC013813	2610034N24Rik,AW493223	0.00018	1.56954
NM_026312	2610029G23Rik	2.45E-16	3.30497
AK011565	2610027F03Rik	0.00076	2.72043
BM214769	2610024B07Rik,B230114H05Rik	0.00005	5.28398
BB140565	2610021K21Rik,2610110A13Rik	0.00068	5.72221
NM_025639	2610019I03Rik,Pane1,AI853711	2.16E-17	9.54642
AW045679	2610017I09Rik	7.71E-07	2.97905
AK020971	2610016F04Rik,Pb1,BAF180	2.15E-07	2.32734
AK011162	2600005O03Rik,Dcc1,2010006I05Rik	1.30E-10	11.41355
AV328634	2600003E23Rik,Afap,AI848729,mKIAA3018,9630044L16Rik	4.37E-22	3.40237
BC006674	2600001J17Rik,AA409762,1700018I02Rik,2810049B11Rik	9.15E-15	10.68331
BE853401	2510006D16Rik,1500002D11Rik,4933407D05Rik	0.00003	1.6286
AV083806	2410127L17Rik	9.80E-06	1.7562
BB167663	2410066E13Rik,AI448550,B230212L03Rik	2.78E-13	3.27196
AK010555	2410019A14Rik	0.00013	2.10977
BF782285	2410016F19Rik,AU019813	1.20E-06	2.30156
NM_023203	2410015N17Rik,AI854235	2.52E-21	8.92061
BB000110	2410014A08Rik,ESTM19,X83352,AI850530,mKIAA0152	0.00007	2.34967
AA939619	2410006H16Rik	1.23E-11	2.60409
NM_029621	2410004L22Rik	0.00046	2.34336
AK010086	2310067E19Rik	9.40E-16	4.3791

BG061080	2310050P20Rik	0.00021	3.99442
AW558989	2310047M15Rik	0.00002	2.32073
NM_133714	2310037I24Rik,MGC101985,MGC102368,B930009D17	1.27E-11	2.89859
NM_025864	2310028N02Rik,AI118576	0.00075	3.37458
AK009485	2310022M17Rik,Fam44b,RP23-475A8.1	0.00004	2.06198
AK009372	2310015N21Rik,AI853526	0.00001	2.1661
BM203061	2310014H01Rik,AA407849,AI450394	0.00053	1.96744
BE457744	2210412D01Rik,AL023007	0.0004	3.93034
BM207133	2210409B22Rik	0.00031	1.58342
BB547211	2210016F16Rik	1.00E-06	2.40086
BB546897	2010317E24Rik,ang,AL033337,6030458L21Rik	1.63E-07	4.01589
NM_025591	2010309E21Rik,AW124904,MGC117903	2.02E-12	2.60509
AV066512	2010109N14Rik	8.45E-09	1.91493
AK006303	2010012C16Rik,mago,magoh	3.67E-15	5.98848
AK008190	2010011I20Rik,AI430961,AV108736	3.18E-10	7.48128
BE627374	1810058I24Rik,AI414869,AI848234,EST AI414869	0.00002	3.29322
NM_025558	1810044O22Rik,Cyb5m,AU015618	0.00008	2.21317
AV057045	1810044D09Rik	0.0007	2.64293
BC027410	1810042K04Rik,AI303239,4930403H09Rik	0.00005	2.06652
BG921306	1810030O07Rik	0.00007	2.19715
BG088666	1810027O10Rik,3110009M16Rik,RP23-422L16.23	0.00051	1.78131
AV111033	1810022K09Rik,AI746582,AL023036	7.92E-06	2.37368
NM_133706	1810014L12Rik,AI115531	0.00054	3.40614
NM_023056	1810009M01Rik,Lr8,Clast1	3.76E-15	3.85375
BG070542	1810006K21Rik	0.00094	2.39423
BB733030	1700129I04Rik,D030069K18	0.00003	2.94866
AK006925	1700069O15Rik,3000008H23	0.00009	1.63135
BG095162	1700029F09Rik,MGC118304	1.42E-09	3.27716
NM_025853	1700022L09Rik,AW552447	0.00033	3.21445
AK014919	1700022C02Rik,4921518G09Rik	1.43E-07	2.97508
AK006115	1700019E19Rik,R75064	0.00058	2.05081
BI690175	1700018M17Rik	3.34E-08	2.66178
BG920261	1700017D01Rik	5.49E-07	5.75193
AW488914	1700016A09Rik	0.00002	10.90123
AK005395	1600002H07Rik	0.00037	3.41838
AI646809	1500026D16Rik,AYP1	7.57E-06	2.60208
BE859736	1500012F01Rik	0.00045	2.06
NM_025435	1500006O09Rik,Nif3I1bp1,9230101K24Rik	0.0003	1.53234
BG065846	1500001M20Rik	4.62E-09	2.8311
BB252479	1200011O22Rik,AU042569,AW548074	1.87E-06	2.06236
BC018188	1200009B18Rik,Ptx1,AA408438,4930572C01Rik	1.41E-06	1.91453
AK004655	1200008O12Rik,2700032M20Rik	8.54E-31	7.65761
AI120476	1190002F15Rik,AI120476	2.38E-14	7.29436
BM120737	1110064P04Rik,AI450991,FLJ36626	6.62E-08	2.86149
BC018294	1110061O04Rik,C76151,AW553738	0.00001	2.19555
AK016797	1110061L23Rik,4933413A04Rik	0.00012	2.6864
BE307471	1110055N21Rik,mKIAA1698	5.55E-07	2.42164
AV321065	1110051B16Rik,MGC67567	3.59E-07	7.48494
BE133150	1110038B12Rik,0610009C20Rik,0910001G04Rik	7.74E-10	3.78138
AV011961	1110034A24Rik,AV032410,2810020C19Rik	1.32E-08	2.521
BB765875	1110029L17Rik	0.00031	3.27408

AK012340	1110025F24Rik,AI256624	3.89E-07	4.96676
BF535957	1110019N10Rik	0.00011	1.83011
AK003824	1110019K23Rik	1.71E-15	4.8329
BB208161	1110014K08Rik,LOC545968	0.00004	3.57415
BC009125	1110014D18Rik,AI661537	5.30E-12	2.85736
BC025641	1110007A13Rik,AU017382,BC025641,MGC36596	7.65E-07	2.25941
NM_025364	1110005A23Rik,Cip29	2.24E-11	1.683
AK003403	1110004B13Rik,RP23-19I2.5,2810049P21Rik	2.71E-13	2.66973
NM_134054	1110002B05Rik,AA407909,AA409588,AU041967	0.00082	1.59317
BB539454	1110001A07Rik,C78640	0.00035	1.94953
NM_133771	0610016J10Rik,D930048L02Rik	0.00016	2.79686
NM_021554	0610012D09Rik,Drev,MNCb-5680	2.75E-14	1.67795
BC006049	0610011I04Rik,Keg2,AU040201,AU041743	0.00026	2.30495

2202 genes down-regulated in medulloblastoma (>1.5 fold and P-value < 0.001)			
Accession #	Sequence Name(s)	P-value	Fold Change
AK008144	Zwint,Zwint-1,D10ErtD749e,2010007E07Rik,2600001N01Rik	2.21E-10	-2.38908
BM934616	Zmat5,D11Bwg0572e,D11Bwg1548e,RP23-280J3.5,2610510L01Rik	0.00011	-6.69133
BB732077	Zic3,Bn	7.20E-07	-3.73908
BB361162	Zic1,ZIC,ZNF201	3.01E-07	-1.71138
BE955157	Zfyve28,Gm146,mKIAA1643,9630058O20Rik	0.00007	-2.03331
NM_023322	Zfp99,MGC117641,2310046C23Rik,2810437E14Rik	0.00018	-2.99909
BM115349	Zfp644,Zep-2,BM-005,AA408882,D5ErtD689e,1110068L01Rik	5.43E-07	-1.76445
BG076162	Zfp612,B230354B21Rik	0.00002	-3.68937
BB333374	Zfp533,B830010L13Rik,C130013B13Rik	6.55E-09	-9.88612
BB252481	Zfp364,AU042696,2610028E05Rik	6.09E-06	-1.69989
BB354728	Zfp306,Skz1,Zfp307,mszf35,AA408594,AI132359,2810435N07Rik	2.22E-10	-2.10316
NM_013705	Zfp30,Zfp-30,2610306P15Rik	2.30E-06	-1.86367
AV319713	Zfp291,C430017I08,D530014O03Rik	2.06E-13	-2.31411
NM_013915	Zfp238,RP58	1.33E-17	-1.87432
AB013097	Zfp179,bfp,R75574,ZNF179,AI854096	9.06E-12	-11.26165
BI452653	Zfp106,H3a,Cd-1,sirm,Sh3bp3,D2Dcr28	9.91E-11	-1.59266
BF147593	Zfhx4,Zfh4,Zfh-4,A930021B15,C130041O22Rik	0.00026	-3.10319
AA123443	Zf,LAZip,LAZipII,AI606244,1110034C16Rik	3.62E-11	-1.80181
BB224658	Zdhhc2,5730415P04Rik,6430583A19Rik	0.00092	-2.27953
BM248633	Zdhhc17,HIP3,HYPH,Hip14,BB187739,mKIAA0946,	1.10E-06	-2.03349
BB530403	Zdhhc14,New1cp,MGC29194,B530001K09Rik	0.00005	-1.84717
AK019473	Zc3h6,Zc3hdc6,AU024389,AW060453,KIAA2035,	0.00022	-2.48886
BB767069	Zbtb4,mKIAA1538,2310026P19Rik,9230111I22Rik,RP23-422L16.16	2.49E-08	-2.38172
BE456566	Zbtb38,A930014K01Rik	4.40E-11	-2.85989
BM195115	Zbtb11,ZNF-U69274,9230110G02Rik	3.07E-15	-2.29791
AA124553	Za20d2,Zfp216,AA415485,2310057A04Rik,5830475F03Rik	1.62E-06	-1.63299
AV027921	Ywhaz,AI596267,AL022924,AU020854,1110013I11Rik	6.22E-06	-1.81956
NM_011738	Ywhah	2.64E-20	-4.02265
BM949577	Ywhag,D7Bwg1348e	0.00004	-2.18271
AW049756	Ypel4	0.0001	-3.18455
AJ428067	Xtrp3s1,Xt3s1,AU022428,A730081N20Rik	6.10E-09	-8.8862
BC024502	Xkr6,XRG6,BC024502,MGC37452	2.14E-07	-5.58312
NM_013842	Xbp1,TREB5,XBP-1,TREB-5,D11ErtD39e	4.35E-09	-2.06465
BI102531	Wwp1,AIP5,SDRP1,Tiul1,8030445B08Rik	0.00048	-2.68478
BM730566	Wsb2,Swip2,WSB-2,AA673511	2.20E-07	-3.03319

AK004683	Wnt7a,px,tw,Wnt-7a,AI849442	1.06E-09	-12.11018
AK007980	Wnk2,AW122246,mKIAA1760,1810073P09Rik	0.00016	-2.10794
AV298358	Wdt2,dsu,Gm974,MGC92980	3.31E-22	-3.8868
BB795506	Wdr7,TRAG,AI462727,mKIAA0541	1.95E-12	-1.80242
BB274776	Wdr40b,9330180J20,A230038L21Rik	2.78E-07	-4.02646
BQ177185	Wdr37,AI481191,mKIAA0982,6430603N07,	1.01E-06	-2.28167
AK017549	Wdr13,mMg21,W51679,MGC117822,DXHXS7467e,	8.52E-06	-1.78427
AK012075	Wdfy3,ALFY,BWF1,Ggtb3,ZFYVE25,	7.93E-06	-1.78765
NM_016852	Wbp2	4.89E-08	-2.68687
NM_011707	Vtn,Vn,AI256434	4.60E-09	-2.55285
NM_016800	Vti1b,GES30,SNARE,MVti1b,AU015348,Vti1-rp1	1.92E-13	-1.71794
NM_012038	Vsnl1,VILIP,Vnsl1	0	-30.2001
NM_026664	Vps53,RP23-147P4.2,2010002A08Rik,2310040I21Rik,	0.0003	-1.87088
BB270615	Vps37c,AU042646,5730409F24Rik	0.00045	-2.72212
NM_025842	Vps28,AI847241,1110014J03Rik,D730005C08Rik	0.00003	-1.52423
AW541109	Vps18,MGC36479,9930024E13Rik	0.00012	-4.54392
AV372341	Vps13c,W51662,AI552542,AV026040,C230055H22Rik	9.32E-25	-11.50361
AW109785	Vps13b,Coh1,C87206,mKIAA0532,mKIAA5032	0.00001	-1.69971
NM_009513	Vmp	3.04E-20	-8.04104
BG063333	Vldlr,AA408956,AI451093,AW047288	6.51E-06	-3.33365
AI606078	Vegfa,VPF,Vegf,VEGF-A,VEGF120	0.00002	-4.00042
BC016069	Vdp,TAP,115kDa	1.05E-09	-1.90954
AV036172	Vdac1,Vdac5,AL033343	2.34E-09	-1.5234
BB371361	Vapb,R75548,VAP33b,D2Abb2e,Vamp33b	0.00001	-2.03005
NM_016794	Vamp8,Edb,AU041171,endo brevin	1.04E-10	-2.54134
NM_016796	Vamp4,D1ErtD147e	7.57E-08	-1.79456
BG871810	Vamp2,Syb2,Syb-2	5.04E-08	-4.1553
AK018783	Vamp1,Syb1,Syb-1,VAMP-1	0.00001	-4.58859
AI788797	Utrn,DRP,Dmdl,AA589569	1.36E-06	-2.21396
BG076275	Usp53,Sp6,Phxr3,AA939927,mKIAA1350	0.00011	-2.46267
BM249286	Usp45,Gcap7,AI843191,3110003C05Rik,4930550B20Rik	3.24E-11	-2.11673
BG075953	Usp33,Vdu1,AA409780,9830169D19Rik	1.98E-17	-2.07997
BQ175926	Usp32,Car4,AW045245,2900074J03Rik,6430526O11Rik	8.60E-06	-1.60168
BM936366	Usp3,AA409661,BC017156,MGC28886	0.00004	-1.76039
AI553394	Usp2,Ubp41,Usp2-45,Usp2-69,B930035K21Rik	5.55E-09	-10.89303
AW536567	Usp15,Gcap18,AI327321,mKIAA0529,4921514G19Rik	0.00003	-2.6614
BC024355	Usmg5,2010301L15Rik	3.00E-06	-1.70222
AV082188	Uqrcr2,1500004O06Rik,4930408O21Rik	1.30E-10	-1.71998
AK004031	Uqrcr1,MGC97899,1110032G10Rik	0.00008	-1.75006
NM_026219	Uqcrb,QPC,QP-C,UQBC,UQBP,UQPC,MGC35665,	1.22E-21	-1.94687
NM_009472	Unc5c,rcm,Unc5h3,AI047720,6030473H24,B130051O18Rik	2.04E-15	-3.37088
BQ175168	Uhmk1,KIS,Kist,AA673513,AI449218,AU021979,4732477C12Rik	2.82E-20	-3.54211
NM_011674	Ugt8a,Cgt,Ugt8,mCerGT,AI850488,AW455908	7.49E-13	-3.50877
AW146314	Ugp2,MGC38262	0.00081	-1.56649
AV313813	Uchl5,Uch37,5830413B11Rik	0.00011	-1.91981
AV174556	Ubx4,MGC7992,6330407P03Rik	2.07E-27	-2.358
BQ173927	Ubr1,AI504731	2.97E-09	-1.8621
BF158817	Ublcp1,MGC7513,BC002236,MGC117826,8430435117Rik	0.00035	-1.55607
BI650739	Ubl4,Gdx,DXS254E,DXS254Eh,DXHXS254E	0.00005	-1.57753
AV328436	Ubl3,HCG,AW108023	2.59E-13	-1.97778
BB166188	Ube3a,Hpve6a,KIAA4216,mKIAA4216,	5.60E-06	-2.4958

AV010904	Ube2v2,MMS2,C81524,AI848315	0.00003	-2.45162
BE980685	Ube2n,AL022654,BB101821,1500026J17Rik	1.06E-11	-2.30029
BF472749	Ube2j1,Ncube,Ubc6p,Ncube1,0710008M05Rik,1110030I22Rik	7.76E-07	-2.09059
AK009276	Ube2d3,AA414951,1100001F19Rik,9430029A22Rik	0.00002	-1.61768
BG868960	Ube2a,HR6A,HHR6A,Mhr6a	9.60E-09	-1.82885
BQ042894	Ubb,Ubb2,AL033289	0	-2.09145
NM_011663	U2af1-rs1,SP2,35kDa,Irlgs2,D11Ncvs75,U2afbp-rs	7.74E-38	-4.53427
AB000828	Tyro3,Brt,Dtk,Rse,Sky,Tif,Etk-2,AI323366	3.75E-07	-3.46267
BI662855	Txnl1,Txnl,32kDa,TRP32	0.00014	-1.75422
BI790903	Txncd14,Tmx2,AA589631,2310042M24Rik	1.09E-23	-2.56723
NM_019742	Tusc2,PAP,Fus1,Lgcc,Pdap2,AA407686,1190001E22Rik	0.00007	-1.74017
BB268998	Tulp4,Tusp,1110057P05Rik	1.20E-09	-4.19232
NM_017379	Tuba8	0.00049	-7.72829
AW491660	Tuba4,M[a]4	1.84E-34	-12.38026
BB335591	Ttyh1,tty,4930459B04Rik,6330408P11Rik	2.98E-39	-5.95492
AA408768	Ttr,D17860,AA408768,AI787086,MGC107649,prealbumin	0.00041	-8.64503
AU019171	Ttpa	1.08E-06	-4.4885
AK009255	Ttl5,R75373,AI428864,mKIAA0998,	0.00017	-2.12352
BE947764	Ttc9,AI429215,AI853559,1700029M07Rik	5.25E-24	-7.12428
BB329157	Ttc7b,Ttc7I1,AA408451	1.00E-16	-9.15926
BB833716	Ttc3,TPRD,AA409221,D16lum21,KIAA4119,D16lum21e	6.91E-10	-1.73615
BM233968	Ttc19,AI505442,2010204O13Rik,2810460C24Rik	8.42E-06	-4.40141
AK018641	Ttc17,pltpaA,D2Bwg1005e,9130020K17Rik	0.00003	-2.63424
BB118847	Ttc14,cl-44,AI662468,AU014779,AW561908,KIAA1980,	1.08E-10	-1.66661
BC017540	Tspyl4,D10Bwg0791e,2610102M01Rik,B230210I21Rik	0	-7.10934
AF042180	Tspyl1,Tspyl	4.69E-07	-2.36451
AK020159	Tspan9,AU018597,6720474K14Rik,9430079M16Rik	3.27E-19	-15.42064
AV338566	Tspan7,A15,Mxs1,PE31,Cd231,TALLA,R74651	0.00002	-2.06016
AK015705	Tspan5,NET-4,Tm4sf9,AU024142,2810455A09Rik	0.00017	-2.67375
NM_019793	Tspan3,TM4-A,Tm4sf8,Tspan-3,1700055K04Rik	8.98E-21	-1.73321
AK020982	Tspan2,AW048009,6330415F13Rik,B230119D02Rik	0.00004	-4.33948
AI844703	Tspan17,Fbxo23,Tm4sf17,AI047581,2210021G21Rik	0.00003	-5.09405
BB807707	Tspan13,NET-6,Tm4sf13,1100001I23Rik	5.53E-06	-1.65347
NM_023910	Tsc22d4,Tilz2,Thg-1pit,0610009M14Rik,1700023B23Rik	6.80E-11	-2.78334
AF201288	Tsc22d3,DIP,Gilz,Dsip1,TSC-22R	1.15E-07	-2.09966
BB125842	Trpm3,MLSN2,LTRPC3,AU018608,9330180E14	1.03E-26	-12.41339
NM_019510	Trpc3,Trp3,Trpp3,MGC124333	1.39E-29	-13.89303
BB817939	Trpc1,Trpp1	0.0001	-3.73076
AK003956	Trp53inp2,1110029F20Rik	0.00003	-3.41727
BQ174474	Trim9,AI835002,mKIAA0282,C030048G07Rik	1.21E-08	-3.48662
AK018173	Trim62,AI450348,6330414G21Rik	6.04E-09	-6.63476
BB115834	Trim44,Mc7,Dipb,MGC102054,4930467E23Rik	9.87E-09	-1.83192
NM_024468	Trim39,tfp,Rnf23,KIAA4179,mKIAA4179	1.02E-11	-3.53436
BM941778	Trim37,MUL,TEF3,AI848587,AU043018	1.40E-45	-5.04777
AF230385	Trim32,1810045E12Rik	7.33E-19	-2.5268
AF220019	Trim3,HAC1,BERP1,Rnf22	0.00003	-5.03706
BB466780	Trim2,narf,KIAA0517,mKIAA0517	4.97E-35	-2.9083
BB245038	Trhde,MGC40831,9330155P21Rik	1.44E-16	-5.95554
BG066452	Trappc6b,C79212,5830498C14Rik	0.0003	-1.77816
BC003736	Trappc3,Bet3,AI835942,AU019197,1110058K12Rik	2.36E-07	-1.68444
AV330821	Tprt,TPT,mDLP1,2610203G20Rik,2700031G06Rik	0.00001	-1.94151

NM_009906	Tpp1,Cln2,TPP-I	0.00005	-1.57496
NM_022314	Tpm3,Tpm5,Tm5NM,Tpm-5,hTMNm,Trop-5,	0.00067	-2.32167
AW537828	Tpi1,Tpi,Tpi-1,AI255506	5.58E-23	-4.34276
BC002036	Tpd52,mD52,AI043038	1.32E-07	-2.02795
BB203106	Tparl,pFT27,Tpardl,AV026557	0.00034	-2.48863
BB225670	Tomm70a,28185,D16lum22	0.00006	-1.70331
BG064946	Tomm20,MAS20,MOM19,	0.00001	-1.83051
BB400304	Tollip,4930403G24Rik,4931428G15Rik	0.00025	-1.612
AV174616	Tob2,AV071822,mKIAA1663,2900090N22Rik,4930545K18Rik	1.90E-06	-2.35811
AI315031	Tns3,TEM6,Tens1,tensin3,BC023928,F830010I22Rik	3.67E-14	-4.09275
NM_009398	Tnfaip6,Tsg6,TSG-6,Tnfip6	0.00002	-2.27316
AK017072	Tmod2,NTMOD,N-Tmod	0.00009	-1.84958
NM_021883	Tmod1,Tmod,E-Tmod,MGC124125,MGC124126	5.91E-06	-7.25302
NM_020050	Tmem9b,AW539847,	3.47E-08	-1.74394
BC022616	Tmem66,1810045K07Rik	0.00023	-1.65724
AW489972	Tmem64,AI790744,AV300874,9630015D15Rik	1.62E-06	-3.0719
BB667368	Tmem62,C77355,B830009D23Rik	8.11E-37	-4.02974
BB768133	Tmem56,AU018104,AW109744,4930577M16Rik,C730036B01Rik	4.37E-09	-5.31884
BC021435	Tmem55a,AI315591,AV001360,2610319K07Rik	0.00001	-1.66312
BC003277	Tmem51,BC003277,FLJ10199	3.76E-06	-3.28093
BC004841	Tmem50b,AU015466,AU019872,B230114J08Rik	4.23E-29	-5.27412
BC004013	Tmem49,AI787464,4930579A11Rik	0.00023	-1.91983
AI505784	Tmem47,BCMP1,Tm4sf10,AI115536,3010015F07Rik	1.40E-45	-2.93963
BB734748	Tmem41b,AU018901,MGC38847	4.11E-06	-2.16822
BB771960	Tmem33,db83,AA388285,AI314185,	0.00017	-1.53179
BE986812	Tmem30a,AW540225,D9Wsu20e,2010200I23Rik	1.09E-10	-2.32213
BB245618	Tmem25,AI429491,0610039J01Rik	3.81E-22	-13.32091
BE629162	Tmem23,MOB,SMS1,Sor1,C80702,	0.0002	-2.62153
BC026973	Tmem15,BC026973,MGC36683,mKIAA1094	0.0001	-2.10565
AW490730	Tmem10,Tmp10	0.00003	-2.33979
BM200437	Tmem1,Gm870,B230307C21Rik	0.00023	-1.62774
NM_019790	Tmeff2,4832418D20Rik	0.00016	-1.72828
AK018286	Tmed8,Gm1184,AI447224,6430595O10Rik	0	-2.79189
AK004359	Tmcc2,KIAA0481,1110063G11Rik	2.11E-08	-3.77445
BB428982	Tmc7,C230064B05,C630024K23Rik	1.86E-14	-2.64896
AV378394	Tm6sf1,AI428514,BC023123,MGC25583,C630016D09Rik	0.00002	-6.47364
AI226757	Tloc1,HTP1,Dtrp1,SEC62,AI844545,AW545092,3100002M17Rik	1.27E-12	-2.23689
BI648366	Tln1,Tln	2.60E-08	-2.00787
BI788452	Timp4,TIMP-4	5.80E-33	-4.17029
BI111620	Timp3,Timp-3	6.37E-06	-2.90272
NM_009384	Tiam1,AI847750	7.65E-19	-8.28251
AV028402	Thy1,CD90,Thy-1,Thy1.1,Thy1.2,Thy-1.2	5.40E-23	-38.48092
NM_009381	Thrsp	5.06E-20	-7.06221
NM_025790	Them2,RP23-92G13.5,0610006O17Rik	2.80E-13	-2.70579
BM122301	Tgfr3,TBRIII,AU015626,AW215636,1110036H20Rik	9.04E-07	-14.40761
BM239615	Tex2,Taz4,Def-5,AI553404,4930568E07Rik	7.51E-10	-3.45989
NM_021344	Tesc,TE-1,MGC117906,1010001A17Rik,2410011K10Rik	2.38E-10	-4.55121
BC017689	Tef,2310028D20Rik	5.73E-09	-2.0707
BC025099	Tdrd7,AI447470,MGC36668,PCTAIRE2BP,5730495N10Rik	6.20E-12	-5.52638
AI098840	Tdo2,TO,TDO,AA407491	1.08E-08	-6.45822
NM_013688	Tcte1,Tcte-1,D17SiI1	2.06E-11	-2.16726

NM_013687	Tcp11,Tcp-11,D17Ken1,MGC107229	0.00013	-3.16545
AV334599	Tcfap2b,AI606113,AP-2(beta),E130018K07Rik	1.00E-08	-4.2099
AI019214	Tceb1,AA407206,AI987979,AW049146	1.69E-06	-1.89999
BB451404	Tbc1d8,AD3,VRP,HBLP1	6.76E-06	-3.30267
BC023106	Tbc1d22a,BC023106,MGC28337,D15ErtD781e	0.00091	-3.01861
AK004440	Tardbp,C85084,1190002A23Rik	0.00002	-1.74283
BB272466	Taok1,AU020252,MGC29021,	5.16E-07	-2.68988
AK004560	Tanc1,Tanc,mKIAA1728,1200003E16Rik	2.15E-12	-10.54163
NM_019754	Tagln3,Np25,AI426007,2700038H05Rik,2900005O10Rik	1.57E-15	-5.2564
BE862546	Tacc1,AA960202,4833447E04Rik,B230378H13Rik	2.48E-06	-2.07785
BB559861	Syt9,Syt5,Sytv	0.00005	-3.91559
AI854420	Syt7	8.24E-09	-6.9659
AV336547	Syt4,SytIV	6.87E-36	-10.07483
NM_009307	Syt2,R74640,syt II,KIAA4194,mKIAA4194	6.81E-11	-5.79013
NM_134164	Syt12	0.00016	-3.90333
BM118245	Syt1,AW124717,G630098F17Rik	0	-10.3604
BE333485	Sypl,Pphn,Pan I,AI314763,AI604763,D12ErtD446e	7.99E-07	-1.53286
NM_009305	Syp,Syn,p38,AI848995	2.90E-08	-3.79775
BB021143	Synj2bp,ARIP2,OMP25,ARIP2a	0.00008	-1.70008
BM232846	Synj1,AA675315,mKIAA0910,A930006D20Rik	1.95E-07	-4.09186
BB272743	Syngr1,p29,R75468,Syngr1b	7.20E-22	-4.40569
AV237615	Syne1,8B,CPG2,Myne1,SYNE-1	2.93E-07	-5.78031
BM936504	Syn2,AI836018,AI841723,2900074L19Rik	9.03E-11	-4.82727
NM_011517	Sycp3,Cor1,Scp3	1.30E-06	-4.14858
AV275615	Sycp1,SCP1	6.54E-12	-3.71839
NM_022814	Svep1,Polydom,AA387071,1110021D17Rik,	0.00009	-5.87074
BB269117	Sv2b,AI850768,MGC38746,mKIAA0735,A830038F04Rik	0.00005	-1.74727
BC026494	Sv2a,AI746429,mKIAA0736	1.20E-10	-6.08341
BF455403	Susd4,N28096,AI848994,MGC30368,E430021N18Rik	0.00047	-4.07021
NM_013677	Surf1,Surf-1,0610010F23Rik	1.09E-07	-2.17277
BB401995	Suhw2,D10Jhu82e	0.00009	-1.89902
AK005273	Sucla2,4930547K18Rik	7.54E-23	-1.84632
BB362499	Stxbp5i,LLGL4,tomosyn-2,9430094L02,A830015P08Rik	1.89E-19	-2.78515
NM_011504	Stxbp3a,Stxbp3,Sxtbp3,MGC86097,Munc-18c	4.19E-07	-2.5541
AF326545	Stxbp1,Ms10g,nsec1,N-sec1,Sxtbp1,Unc18h,	9.82E-17	-4.20023
AB019212	Stx7,Syn7,AI315064,AI317144,AW107239	7.83E-06	-1.51178
D29797	Stx3,AA960228,AV006285,AW536415	4.95E-06	-2.39397
BQ175482	Stx1b2,SYN1B,Stx1b	0.00001	-6.19946
BG519214	Strn,AU022939,D130055P19	3.07E-06	-2.41926
NM_009133	Stmn3,Sclip,R75323,AI604839,9330161A03Rik	0.00003	-1.92777
BM115022	Stmn2,SCG10,Stmb2,Scgn10,AI159727	2.81E-33	-2.45622
BG919998	Stk39,DCHT,SPAK,AW227544,AW556857	0.00022	-2.59764
BB476811	Stk38l,Ndr2,Ndr54,B230328I19,4930473A22Rik	0.00072	-1.89406
AK015015	Steap2,STMP,IPCA1,IPCA-1,STAMP1	6.79E-15	-6.07413
BC024319	Stat5b	4.77E-07	-4.4758
NM_019990	Stard10,PCTP2,Pctpl,CGI-52,PC-TP2,	6.76E-08	-2.60641
NM_013666	St8sia5,Siat8e,ST8SiaV,MGC41119	3.85E-17	-6.98062
BB028302	St6galnac6,Siat7f	3.84E-06	-3.50506
BB532866	St3gal6,Siat10,AI930218,AW552396,St3galVI,1700023B24Rik	1.36E-07	-2.58899
BB829192	St3gal5,3S-T,[a]2,Siat9	3.07E-06	-2.23588
BB750118	St3gal2,Siat5,AI429591,AW822065,ST3Gall	8.49E-12	-5.16127

AV347235	St18,NZF-3,AV348974,mKIAA0535	5.46E-06	-1.56607
NM_138744	Ssx2ip,Adip,AU014939,AU042321	0.00022	-2.09073
AY037837	Ssbp2,SSDP2,Hspc116,AU067692,	1.18E-12	-2.60595
BM210600	Srxn1,Srx,Npn3,TX01,AI854065,AW488194,1700127B04Rik	1.21E-06	-2.40769
BB335578	Srrp,B830039L16	0.0003	-3.00644
AK002636	Srr,Srs	0.00062	-1.82483
BB127386	Srpk2,Wbp6,mSRPK2,AW226533,AW492537,AW547358	7.87E-06	-1.67668
AK008404	Sri,Sor,2210417O06Rik	6.11E-07	-3.32747
AF481964	Srgap3,Gbi,WRP,MEGAP,AI452337,Arhgap14,	1.09E-15	-4.33149
AK005172	Srgap2,FBP2,Fnbp2,srGAP3,AI448945,9930124L22Rik	2.83E-06	-2.47205
BM232298	Sqstm1,Osi,p62,A170,STAP,OSF-6	1.17E-06	-1.63169
NM_027141	Spsb3,SSB3,Tce1,KIAA4204,mKIAA4204	0.00099	-2.39726
BB529691	Spry2,sprouty2	0.00002	-1.69473
BQ044290	Spred1,AL024345,AW047647,5730461F13Rik	7.74E-12	-2.2174
BB815380	Spop,TEF2,Pcif1,AI315626	7.76E-22	-3.52055
BC020531	Spon1,AI666765,AW455831,BC020531,D330035F22Rik	0.00066	-2.58861
NM_023689	Spock3,AI428471,KIAA4039,mKIAA4039,2900045C01Rik	0	-14.74318
BM117672	Spock2,AA407235,mKIAA0275	9.36E-12	-6.15342
BB308491	Spock1,Spock,Ticn1,testican	1.56E-22	-11.73781
AF026489	Spnb3,KIAA0302,MGC99874,mKIAA0302	6.90E-08	-4.2705
BQ174069	Spnb2,elf1,elf3,SPTB2,SPTBN1,Spnb-2,AL033301	6.97E-15	-2.45186
AK011566	Spna2,brain,Spna-2,2610027H02Rik	0.00002	-2.39427
AF099020	Spint2,HAI-2,C76321,AL024025	0.00046	-5.0622
BQ175052	Specc1,KIAA4061,mKIAA4061,	4.92E-28	-5.24779
NM_010097	Sparcl1,Sc1,Ecm2,hevin,mast9	0	-9.80126
NM_009242	Sparc,BM-40,AA517111	0.00002	-2.92951
NM_012031	Spag1,tpis	0.00003	-6.54624
U31967	Sox2,lcc,ysb,Sox-2	0.00007	-1.81118
Z11664	Sos2	0.00008	-1.94203
AV247637	Sort1,Ntr3,Ntr3,AI852375,2900053A11Rik	0.00001	-2.21646
BI648081	Sorl1,LR11,gp250,mSorLA,AI596264,AW261561,2900010L19Rik	8.58E-10	-7.02359
AK018111	Sorcs3,AW045579,6330404A12Rik	5.63E-08	-2.95542
BB251748	Sorbs2,Argbp2,mKIAA0777,A530071H08,9430041O17Rik	0.00002	-2.66765
NM_013671	Sod2,MnSOD,Sod-2,MGC6144	5.63E-06	-1.64624
AA510713	Socs5,Cish5,KIAA0671,mKIAA0671,1810018L08Rik	1.77E-08	-1.79532
BB320376	Snx30,MGC106086,4732481H14Rik,C030041J06Rik	0.00068	-1.80849
BB815008	Snx16,AI117577,AI747675,4930522N22Rik	0.0008	-1.74848
BB404318	Snx14,YR-14,B830022K16,C330035N22Rik	9.25E-08	-2.37669
AV377013	Snx13,mKIAA0713	1.25E-16	-2.50545
NM_033174	Snurf,Snrpn,MGC18604,MGC30325,2410045I01Rik	6.69E-07	-4.27746
BB709603	Snrpn,SMN,Peg4,HCERN3,MGC18604,MGC30325,2410045I01Rik	0.00002	-2.60766
BC020189	Snrk,R74830,AI448042,AW547029,MGC28970	2.71E-23	-5.95708
BQ174936	Snph,AW045671,AW556958,AW743098,mKIAA0374	0.00014	-5.89816
NM_033610	Sncb,betaSYN,AI838531	1.03E-14	-5.3066
BM214097	Snap91,91kDa,AP180,F1-20,mKIAA0656	0.00076	-4.56331
BE952593	Snap25,sp,25kDa,SNAP-25	0.00055	-4.65414
NM_025357	Smpx,Csl,1010001C09Rik	2.55E-14	-7.93932
NM_011421	Smpd1,ASM,aSMase,A-SMase	0.00012	-2.88562
NM_025891	Smarcd3,BAF60C,1500001J14Rik,2210409C08Rik	0.00003	-3.8827
NM_031878	Smarcd2,Baf60b,AW322457	3.60E-10	-2.01479
BB028226	Smarcal1,Mharp,6030401P21Rik	0.00005	-1.7813

AK011935	Smarca2,brm,Snf2l2,brahma,SNF2alpha,2610209L14Rik	2.30E-09	-2.15808
NM_133716	Smap1l,AA408614,1810031K02Rik	0.00002	-2.62618
BC006946	Smap1,Al462175,1700056O10Rik,4921514B13Rik,4921525H11Rik	0.00015	-1.54481
BB241324	Smad7,Madh7	1.11E-07	-2.70367
BB473571	Smap,Slap,KIAA1601,mKIAA1601,D330001L02Rik	0.00022	-2.27529
BI111765	Slk,9A2,Etk4,SMAK,Stk2,mSLK,AV021402,AW411554,mKIAA0204	7.51E-07	-2.27493
BB357579	Slitrk4,6430513G13,D930039I09Rik	0	-13.28163
AK014285	Slitrk1,3200001I04Rik	1.36E-14	-3.22037
AV348121	Slco4a1,OATP-E,MGC28799,MGC28824,Slc21a12	3.90E-15	-10.57703
BM237089	Slco3a1,Anr1,MJAM,OATP-D,R75096,Slc21a11,5830414C08Rik	0.00003	-3.44998
BB611738	Slc9a6,mKIAA0267,3732426M05,6430520C02Rik	7.08E-12	-2.22049
BG066200	Slc9a3r1,EBP-50,NHE-RF,NHERF-1,MGC95776	0.00005	-2.76224
AV361504	Slc8a3,Ncx3,AW742262,MGC90626	1.96E-06	-11.11044
BM123508	Slc8a1,Ncx1,MGC90693,D930008O12Rik	2.34E-10	-4.42809
AI790191	Slc7a8,LAT2,AA408822	3.04E-06	-5.25348
AI429745	Slc7a14,BC061928,A930013N06	3.77E-14	-5.91342
NM_017394	Slc7a10,Asc-1,AL024237,D7Bwg0847e	0.00095	-2.61313
BG069516	Slc6a8,CRT,CT1,CRTR,Creat,AA589632	9.69E-10	-2.67841
BQ176194	Slc6a5,Glyt2	9.91E-08	-4.48809
AV340147	Slc6a17,Ntt4,AW490886,D130012J15Rik	3.93E-10	-5.04197
BB129409	Slc6a15,AA536730,Al326450,Al326451	3.42E-11	-3.8164
M92378	Slc6a1,Gabt,Gat1,XT-1,Gabt1,Xtrp1,GABATR,	5.01E-31	-5.74048
AF208031	Slc5a1,Sglt1	0.00006	-2.02667
BE655147	Slc4a4,NBC,Al835705	3.28E-15	-4.29577
NM_009208	Slc4a3,Ae3,A930038D23Rik	0.00002	-4.7624
NM_033552	Slc4a10,NCBE,KIAA4136,mKIAA4136	0	-41.02315
BF134253	Slc41a1,Al573938,B230315F01Rik	0.00001	-1.83441
AW046938	Slc39a12,Gm731,AW046938,MGC102235	1.57E-10	-5.24578
BF165681	Slc38a1,NAT2,AA408026,AA409865,AL022800,AU015942	3.99E-07	-1.72904
AK017918	Slc36a1,Pat1,Al839897,5830411H19Rik	0.00045	-3.26221
BB427860	Slc35f3,B230375D17Rik	1.52E-16	-4.5516
C86506	Slc35a5,AU021179,BB097433,	3.93E-07	-1.54602
NM_009508	Slc32a1,VGAT,Viaat,R75019	3.74E-18	-14.8239
BB117951	Slc30a9,HUEL,GAC63,AL024256,2310024J23Rik	0.00002	-1.95376
BB414515	Slc2a3,Glut3,C78366,Glut-3,AA408729,	3.95E-25	-2.47178
BM209618	Slc2a1,Glut1,Glut-1	1.41E-10	-3.68833
BM207588	Slc2a1,Glut1,Glut-1	7.42E-11	-3.94868
BF225398	Slc25a4,Ant1,AU019225	3.63E-20	-1.85906
NM_133668	Slc25a3,PTP,Phc,5730556H19Rik	6.69E-08	-1.82055
AK018760	Slc25a22,Al060884,1300006L01Rik	0.00065	-3.42913
NM_011398	Slc25a14,UCP5,BMCP1,UCP5L,UCP5S	0.00003	-2.46119
AK019150	Slc25a12,Al839531,2610002D09Rik	5.27E-06	-1.93826
BC017615	Slc24a3,NCKX3	3.59E-11	-13.05045
BB375376	Slc24a2,2810021B17Rik	0.00014	-4.19984
NM_018824	Slc23a2,NBTL1,SVCT2,YSPL2,Slc23a1,Al844736,mKIAA0238	1.35E-17	-2.07089
BB765719	Slc20a2,Pit2,Ram1,Pit-2,Ram-1,MolPit2	3.14E-08	-3.43858
NM_015747	Slc20a1,Glvr1,Glvr-1,Al607883	6.99E-39	-3.25256
NM_009200	Slc1a6,EAAT4	2.72E-16	-36.17905
BB085413	Slc1a3,Gmt1,Eaat1,GLAST,GLU-T,Glut-1	1.21E-15	-2.40869
BQ175176	Slc17a7,Vglut1,Al851913,2900052E22Rik	5.60E-06	-6.22989
AW556396	Slc14a1,UT-B,2610507K20Rik,3021401A05Rik	0.00041	-2.43153

BB497312	Slc13a3,NaDC3,SDCT2,NaDC-3	7.75E-07	-3.33979
BF468072	Slc12a5,KCC2,mKIAA1176	0.0007	-5.70983
BB031119	Sla,Slap,Slap-1	7.31E-06	-8.5409
NM_022433	Sirt3,Sir2l3,AI848213,2310003L23Rik	6.24E-10	-3.34305
BM936013	Sipa1l1,AW213287,mKIAA0440,4931426N11Rik	1.94E-11	-6.64143
AI449329	Sidt1,AW045928,B830021E24Rik	0.00013	-4.50586
NM_021423	Shank3,Shank3b,AI841104	6.82E-10	-8.98858
AI481067	Sh3glb2,mKIAA1848	0.00015	-2.53485
AF326561	Sh3gl2,SH3PA,EEN-B1,Sh3d2a,	5.14E-09	-2.75835
NM_015825	Sh3bgr	6.23E-11	-11.01175
BC017611	Sgtb,MGC27660,C630001O05Rik	4.67E-12	-2.24997
AW551517	Sgpp2	0.00001	-1.94045
BQ176371	Sgpp1,SPP,SPP1,Spph1,mSPP1,AI463453	0.00012	-1.66195
AK019337	Sgne1,7B2,Sgne-1,AI325031	0.00004	-2.00253
NM_011361	Sgk,Sgk1	1.09E-31	-4.71972
AK014022	Sgip1,gag,3110007P09Rik	0.00003	-2.04045
BB379739	Sfxn5,C230001H08Rik	3.37E-17	-3.26307
BB278628	Sfrs8,SWAP,AI197402,1190005N23Rik,6330437E22Rik	0.0003	-1.6611
AW121511	Sez6l2,Psk1,BSRP-A,AI835913,AW121566,MGC19060,MGC90604	1.50E-08	-5.60823
BM114815	Set7,mKIAA1717,1600028F23Rik	2.75E-10	-2.13344
NM_030261	Sesn3,SEST3,MGC7182,BC003348,5630400E15Rik	2.94E-07	-1.97084
BG076140	Sesn1,PA26,SEST1,AU044290,MGC118148,1110002G11Rik	0.00017	-1.97251
NM_009250	Serpini1,PI12,Spi17,AI837402	7.25E-17	-4.34786
NM_011340	Serpinf1,Pedf,Sdf3,EPC-1,Pedf1,AI195227	0.00009	-2.31238
AF426025	Serpinb1b,EIB,Serpin1b1,ovalbumin,6330533H24Rik,RP23-391111.5	0.00024	-3.63544
AF426024	Serpinb1a,EI,EIA,LEI,PI2,MNEI,M/NEI	4.62E-08	-5.61513
BM239422	Serinc1,Tde2,Tms2,TMS-2,Tde1l,AI315070,	6.07E-09	-2.36017
AV219419	Sept7,Cdc10,KIAA4020,mKIAA4020,E430034N22	0.00059	-1.63365
NM_019942	Sept6,Sept6,KIAA0128,mKIAA0128,2810035H17Rik,	1.65E-10	-2.84438
AF033350	Sept5,Pnutl1,Cdcrel1,Cdcrel-1	0.00008	-3.22163
AW208509	Sept4,Bh5,Pnutl2	1.15E-22	-3.59345
AV229846	Sept11,AW548875,D5Erd606e,6230410I01Rik	6.05E-06	-1.95736
AY043488	Sepm,SelM,A230103K18,1500040L08Rik	3.18E-33	-5.38316
AV317107	Senp2,SUMO-1,Smt3ip2,AI646780	0.00002	-1.95495
BB462688	Sema6d,AA409156,Sema6D-1,	7.98E-15	-2.95913
AV375653	Sema5a,semF,Semaf,AI464145,5930434A13,9130201M22Rik	0.00031	-2.65809
NM_009152	Sema3a,SemD,SEMA1,Semad,coll-1,Hsema-l	0.00002	-2.33711
BC026816	Sel1h,AW493766,KIAA4137,mKIAA4137	0.00036	-1.89563
BQ175529	Sec22l1,C81333,ERS-24,Sec22b,AI480645,4930564D15Rik	0.00036	-1.50743
BI652727	Sec14l1,1200017E04Rik,2810012L19Rik	2.11E-10	-3.27168
AK007641	Sec11l3,1810029G24Rik	1.44E-08	-2.23534
BF585357	Sdha,FP,SDH2,SDHF,C81073,4921513A11,2310034D06Rik	4.35E-25	-2.2672
BB183534	Sdfr1,AW554172	1.48E-09	-1.90553
BG064675	Sdf4,Cab45	3.37E-31	-5.77427
BC005679	Sdc4,Synd4,AA959608,AW108331,ryudocan,syndecan-4	0.0003	-4.91946
AU016501	Scyl1,Ntkl,p105,C85140,2810011O19Rik	0.00055	-3.38294
BM211317	Scrn3,Ses3,AI427019,AV002033,4833415E20Rik	0.00048	-2.1808
AW490544	Scrn1,SES1,AI852905,KIAA0193,mKIAA0193,	0.00056	-6.62107
C76618	Scp2,SCPx,SCP-2,C76618,C79031,NSL-TP,ns-LTP,	1.78E-06	-2.38049
NM_019708	Scoc,AA415030,0610011C06Rik,2810002J11Rik	2.26E-06	-1.9698
BB429612	Scn8a,dmu,med,nmf2,seal,NaCh6,nmf58,Nav1.6,	0.0002	-2.53608

BE993937	Scn4b,Gm1471	6.06E-11	-10.3047
BE955837	Scn3a,Gm1000,Nav1.3	1.06E-09	-6.58273
AK013326	Scn2b,Gm183,MGC116602,2810451E09Rik	0.00075	-11.37628
BC009652	Scn1b	3.75E-11	-6.42933
BI731739	Scn1a,Nav1.1	2.60E-16	-8.26725
NM_013928	Schip1,Nf2ip,SCHIP-1	2.84E-10	-1.84277
NM_009130	Scg3,Chgd,SgIII,1B1075,AI385542	1.97E-13	-1.78738
NM_009129	Scg2,Chgc,SgII	9.85E-28	-11.96433
BE133651	Scd3,4930513N16Rik	4.18E-08	-6.5441
BG060909	Scd1,ab,SCD,Scd-1,AA589638,AI265570	2.04E-07	-2.79966
BC018613	Scamp5,Sc5,AI426171,AW558254	0.00019	-1.81444
BB704235	Scamp1,AI415563,AW122395,4930505M11Rik	0.00003	-2.22191
AU067703	Sc5d,A830037K02,A830073K23Rik	0.00009	-1.85754
BC025837	Sbk1,Sbk	8.37E-06	-2.23485
BB773592	Sbds,SDS,CGI-97,AI836084,4733401P19Rik	0.0001	-1.58514
AW107196	Samd4,1700024G08Rik,1700111L17Rik,4933436G17Rik	5.61E-09	-2.73214
NM_030692	Sacm1l,SAC1,Sac1p,mKIAA0851	5.65E-23	-2.44289
NM_009115	S100b,Bpb,AI850290,MGC74317	1.35E-11	-4.36456
AW552101	Ryr2,9330127120Rik	0.00007	-4.29266
NM_023868	Ryr2,9330127120Rik	1.04E-22	-7.255
BM508396	Rtn4rl1,Ngr3,Ngrh2,Ngrl2	9.65E-06	-7.13572
AK003859	Rtn4,ASY,NOGO,NSP-CL	2.77E-23	-2.18015
AI503514	Rsn,CYLN1,C81039,Clip50	1.29E-08	-3.83719
BB354941	Rragd,AI467523,D4Etd174e,5730543C08Rik,C030003H22Rik	0.00017	-2.86968
AI118026	Rraga,RAGA,FIP-1,AI255374,1300010C19Rik	5.08E-08	-1.70038
BQ174267	Rps6ka5,MSK1,RLPK,MSPK1,	8.39E-08	-1.84913
NM_009097	Rps6ka1,rsk,Rsk1,p90rsk	6.70E-17	-8.68975
AV037157	Rps29	5.64E-07	-1.50138
BF453369	Rpl17,MGC103289,MGC118163	0.0003	-5.05181
BM898651	Rph3a,AU022689,AW108370,2900002P20Rik	1.07E-07	-6.07703
BB751387	Rorb,RZRB,Nr1f2,MGC38728,RZR-beta	2.37E-10	-3.26572
BB050663	Rora,sg,ROR1,ROR2,ROR3,Nr1f1,staggerer,9530021D13Rik	3.52E-06	-1.78176
AK012979	Ror1,mRor1,Ntrkr1,2810404D04Rik	0.00025	-2.81608
BB761686	Rock2,Rock-II,mKIAA0619,B230113H15Rik	1.43E-11	-1.99928
BI738010	Rnf6,AA537053,1200013I08Rik,5730419H05Rik	4.65E-06	-2.246
BB824091	Rnf39,LIRF,Gm320,Gm1786,Gm1787,BC038661	0.00087	-2.315
BB428822	Rnf182,MGC107143,C630023L15Rik	1.58E-11	-17.36008
NM_026518	Rnf146,2610509H23Rik	0.00037	-1.54102
NM_020012	Rnf14,Triad2,AA986456,AU041447	5.14E-18	-2.04008
BE948550	Rnf130,GP,G1rp,G1RZFP,GOLIATH,2510042A13Rik	0.00032	-3.51771
AK004847	Rnf128,GRAIL,Greul1,AI987883,1300002C13Rik	1.20E-09	-5.85822
BB765679	Rnf123,Kpc1,BC003945	0.00012	-7.64732
BI150320	Rnf11	1.33E-13	-1.88665
NM_009543	Rnf103,kf-1,Zfp103,AW146237,AW212918	0.0002	-1.52481
BB271919	Rit2,Rin,RIBA,Roc2	0	-6.75712
BB435342	Ripk5,C820013G01,A930019K20Rik,C430014H23Rik	3.29E-09	-3.39449
BB049544	Rims4,Rim4,6530406L02	3.87E-07	-5.2204
AW491516	Rims3,Nim3,Rim3,mKIAA0237,A730060M23Rik	9.04E-10	-8.07001
NM_053271	Rims2,RIM2,Serg2,Rab3ip2,	1.13E-19	-2.75346
BQ044278	Rims1,Rim,RIM1,RIM1a,	0	-11.30896
AK017440	Rian,5530401N18Rik	1.07E-11	-5.28184

BF228009	Rhpn2,C85860,AA536890,D7ErtD784e,1300002E07Rik	0.00061	-3.74721
NM_053075	Rheb	1.99E-07	-1.71646
BC021549	Rhbdl1,Rhbdl,MGC28800	0.00016	-3.92797
AK018337	Rgs8,6530413N01Rik	0	-36.31441
NM_011880	Rgs7	2.14E-33	-4.00714
AF215669	Rgs3,C2pa,RGS3S,PDZ-RGS3,C2PA-RGS3,4930506N09Rik	0.00004	-4.47269
NM_026418	Rgs10,MGC129414,2310010N19Rik	0.00008	-1.8757
BF471533	Ret,PTC,RET9,RET51	0.00006	-3.57789
NM_009049	Resp18,AI851012	4.62E-06	-7.93344
BM899236	Reps2,POB1	0	-7.58798
NM_023697	Rdh14,PAN2,AW215439,3110030G19Rik	3.42E-06	-2.96451
AB030503	Rdh11,Mdt1,Psdr1,SCALD,	0.00034	-1.65961
BC025874	Rbbp6,C77662,AI316869,MGC32263,4933422O15Rik	1.40E-08	-2.756
BE570980	Rb1cc1,Cc1,FIP200,	0.00003	-1.69526
BB381618	Rasl10b,Gm729,VTS58635,B230331P10Rik	0.00009	-6.58802
BE691356	Rasgrp1,Rasgrp	3.70E-19	-13.15875
AF169826	Rasgrf1,Grf1,p190,CDC25,P190-A,CDC25Mm,Grfbeta,Ras-GRF1	3.43E-14	-4.08089
BI134758	Rasgef1a,AI835194,6330404M18Rik	2.59E-17	-4.5897
NM_009025	Rasa3,C86362,GAPIII,AI326412,E130011G04	5.80E-08	-2.66579
BM230524	Rapgef5,GFR,Mrgef,C86120,	0.00008	-2.64694
AK004874	Rapgef4,Epac2,KIAA4040,	0	-12.67544
AK018008	Rapgef2,Pdzgef1,mKIAA0313,5830453M24Rik	2.22E-07	-1.74389
AW489945	Rap2ip,Rpip8	3.66E-06	-3.08762
BC011279	Rap1gds1,GDS1,BC011279,MGC18981	8.92E-08	-2.43187
AK005063	Rap1ga1,Rap1GAP,AI427470,1300019I11Rik,2310004O14Rik	5.31E-10	-18.3557
NM_019511	Ramp3,AI850306	1.22E-07	-4.0503
BF537798	Ramp2	1.66E-08	-2.32637
NM_016894	Ramp1	0.00052	-2.57772
AU040322	Rai16,G430067P06Rik	0.00004	-1.72114
NM_009010	Rad23a,mHR23A,AL024030,2310040P19Rik	0.00047	-4.16313
BB280137	Rabgef1,Rin2,Rab5ef,Rabex5	3.34E-07	-2.08395
AW488249	Rabgap1,Gapcena,KIAA4104,MGC30493,mKIAA4104	0.00042	-1.70584
L40934	Rabac1,PRA1,Gbpap1,prenylin,2310040I06Rik	1.78E-08	-2.87447
BB084626	Rab9b,MGC130383,9330195C02Rik	9.18E-06	-2.77579
BC022119	Rab6ip1,ORF37,AJ245569,AW496491,mKIAA1091,1500012B19Rik	1.05E-20	-1.89294
AV334024	Rab6,AA419671,2610028L11Rik	2.04E-15	-2.09531
NM_025887	Rab5a,AI663973,AU021172,2410015H04Rik	4.50E-10	-1.68061
BC007147	Rab4b,1500031G17Rik	0.00003	-2.01484
NM_009003	Rab4a,Rab4,AI848268	1.69E-06	-4.31692
BG063904	Rab3gap1,Rab3gap,AL117896,1700003B17Rik,4732493F09Rik	2.26E-14	-1.95238
AV344962	Rab3a	2.70E-13	-2.7814
NM_021411	Rab37,B230331O03Rik,B230354I04Rik	0.00064	-3.00951
AK004974	Rab33b	2.45E-07	-2.43593
NM_011228	Rab33a,Rabs10,MGC129488,MGC129489	0.00059	-2.12454
BB025283	Rab27a,ash,2210402C08Rik,2410003M20Rik,4933437C11Rik	0.00003	-3.592
BB767504	Rab21,9630024B22	0.00003	-1.99766
BM234596	Rab2,C80220,9330148M11Rik	4.44E-07	-1.55862
NM_134050	Rab15,AI840042,2310012G06Rik	8.65E-17	-5.7667
BQ177085	Rab11fip5,GAF1,RIP11,C75969,D6ErtD32e,mKIAA0857	0.00091	-1.95008
BE945631	R74740	1.98E-08	-3.22259
NM_021881	Qk,Qkl,I17Wis1,1500005P18,I(17)-1Wis	4.03E-10	-2.54987

BB221333	Qdpr,Dhpr,PKU2,D5ErtD371e,2610008L04Rik	0.00002	-1.54509
NM_011224	Pygm,AI115133	0.00076	-3.48801
AW547988	Pygb,MGC36329	0.00009	-3.39907
BC016131	Pxx,MONaKA,D14ErtD813e,C230080L11Rik	0.00052	-1.68237
NM_013645	Pvalb,PV,Pva	0	-38.87202
NM_008989	Pura,CAGER-1,ssCRE-BP,Pur-alpha	0.00006	-2.04586
BC002298	Ptprz1,Ptpz,Ptprz,PTPbeta,PTPzeta,AI850339,DSD-1-PG,Rptpbeta	1.36E-09	-2.06652
AF129509	Ptpr, Gmcp1,PTP-SL,PTPBR7,mPTP213	0	-12.35956
NM_008984	Ptprm,RPTPmu,KIAA4044,MGC90724,mKIAA4044	9.91E-11	-5.9888
AI893646	Ptprk,AI853699	0.0001	-1.78953
AI116234	Ptprj,BET,Byp,Sccl,CD148,DEP-1,Ptpb2,Sccl-1,AI450271,PTPbeta2	2.25E-07	-2.81434
U35368	Ptpre,PTPe,PTPepsilon	1.22E-12	-3.74646
AB018194	Ptpns1,Bit,P84,SIRP,SHP-1,CD172a,SHPS-1,AI835480	0.00059	-2.22512
AV231357	Ptpn3,PTPCL,9530011I20Rik	9.13E-12	-3.13566
NM_008979	Ptpn22,PEP,Ptpn8,70zpep	1.60E-11	-9.6494
BI247018	Ptpmt1,PLIP,1110001D10Rik,2810004N20Rik	0.00098	-1.79631
NM_023587	Ptplb,AI255777,AI481689,6330408J20Rik	0.00027	-2.10157
AB006361	Ptgds,PGD2,PGDS,21kDa,PGDS2,Ptgs3,L-PGDS	0	-28.9585
AA214868	Pten,TEP1,MMAC1,AI463227,2310035O07Rik,A130070J02Rik	0.00051	-1.92872
NM_007676	Psg16,bCEA,Cea11	8.36E-06	-4.70134
AK018116	Psd2,EFA6C,AW125584,6330404E20Rik	1.20E-13	-4.24875
NM_011182	Pscd3,Grp1,AI648983,KIAA4241,mKIAA4241	0.00008	-1.94006
AB013464	Pscd1,CLM1,CTH-1,CYTIP,KIAA4240,mKIAA4240	9.29E-26	-3.55192
BM212050	Psap,SGP-1,AI037048	0.0006	-1.81138
NM_011177	Prss18,Bssp,Klk6,Klk7,Klk29,Prss9,AI849898,neurosin	0.00051	-2.61728
AA739053	Prrt1,G5b,NG5,Bat4,Bat-4,ORF31,D17H6S54E	2.45E-12	-3.2393
AV072100	Prosc,1700024N20Rik,2200002F22Rik	1.03E-09	-1.68996
BB427703	Prosapip1	0.00011	-3.28577
BE630020	Prnp,PrP,PrPC,Sinc,CD230,PrPSc	2.13E-31	-4.06283
NM_011160	Prkg1,CGKI,Prkg1b,Prkgr1b,AW125416	3.51E-18	-6.044
C80388	Prkcz,Pkcz,C80388,R74924,zetaPKC,AI098070	0.00004	-3.97968
AK017901	Prkce,Pkce,PKC[e],R75156,5830406C15Rik	9.12E-16	-7.23075
AF251036	Prkcd,Pkcd,PKC[d],AI385711,PKCdelta,D14ErtD420e	0.00057	-2.59336
NM_011102	Prkcc,Pkcc,PKCgamma	0.00002	-10.48726
BB355213	Prkca,Pkca	3.72E-07	-3.0244
BB283894	Prkar1b,Rlbeta,AI385716	0.00056	-2.30615
BI687658	Prkar1a,Tse1,Tse-1,Rlalpha,1300018C22Rik	0	-1.77814
BB756794	Prkag2,AAKG,WPWS,AAKG2,H91620p,AI854673,2410051C13Rik	5.54E-07	-3.31157
BQ175911	Prkaa2,A830082D05,2310008I11Rik	1.81E-06	-2.61352
BC022643	Prickle1,Prickle,AW215793,1110058P22Rik	0.00007	-4.16442
BB005298	Prepl,MGC7980,mKIAA0436,2810457N15Rik	2.72E-09	-3.88054
BC008174	Prdx5,AOPP,PrxV,Pmp20,Prdx6,AOEB166	1.04E-09	-2.49473
AF326558	Ppt1,PPT,CLN1,INCL,C77813,AA960502,	2.32E-08	-2.27549
BF148071	Ppp3r1,Cnb1,MCIP1	1.89E-24	-2.1273
BQ173889	Ppp3ca,CN,CnA,Caln,Calna,AI841391,	0	-4.81059
BM247370	Ppp2r5c,AI060890,AW545884,mKIAA0044,	2.57E-09	-2.8156
U89924	Ppp1r3c,PTG,Ppp1r5	5.62E-08	-4.5445
NM_025800	Ppp1r2,IPP-2,D16ErtD248e,	9.64E-15	-2.08367
BB375209	Ppp1r16b,Wdt4,TIMAP,ANKRD4,C130078N17Rik	2.77E-17	-10.48926
NM_013636	Ppp1cc,PP1,dis2m1	3.59E-42	-2.13665
M27073	Ppp1cb,1200010B19	3.62E-06	-1.52695

AV290622	Ppm2c,Gm1024	7.31E-07	-2.23969
BB035578	Ppm1l,PP2C,PP2ce,Ppp2ce,	3.06E-15	-3.20268
AK013741	Ppm1k,MGC115965,2900063A19Rik,A930026L03Rik	5.70E-07	-1.84924
AJ271833	Ppm1b,PP2CB,MGC106489	1.97E-08	-1.54832
AF259672	Ppm1a,MMPa-2,MPPa-1,	9.17E-09	-2.89548
AK003571	Ppfia4,C81506,AI448359,AI852265,1110008G13Rik	2.31E-08	-6.44924
BM222792	Ppfia1,LIP1,LIP.1,C87158,liprin,C030014K08Rik	0.00008	-2.87353
BB241408	Ppargc1b,Perc,4631412G21Rik	0.00058	-5.1278
BB745167	Ppargc1a,Pgc1,PGC-1,Pgco1,PGC-1v,	5.34E-38	-14.40234
AW111876	Ppap2b,Lpp3,Ppab2b,	8.57E-29	-6.21775
AB036749	Porcn,Ppn,porc,	9.35E-10	-4.73816
NM_026398	Pop5,Rnasep3,AW049989,1500019J17Rik,2700077E03Rik	6.71E-20	-2.37697
C86690	Pole3,YBL1,1810034K18Rik	0.00051	-5.74825
BG094331	Polb	1.34E-06	-1.94229
NM_134021	Pnpo,AI415282	1.34E-06	-3.96324
BI739353	Pmm1,C77612	1.48E-06	-3.27467
AF378760	Plxdc1,Tem7,AI848450,2410003I07Rik	0.00002	-6.73632
NM_032398	Plvap,PV-1,MECA32	0.00047	-3.87164
AI591480	Pltp	0.00013	-3.58938
BB768495	Plp1,jp,Plp,msd,rsh,DM20,jimpy	4.82E-26	-12.21584
AV336001	Plekhh1,C77772,AV308913,mKIAA1200,D630024D12Rik	8.16E-06	-2.98971
BB478022	Plekhg3,BC030417,MGC40768	4.46E-07	-5.14029
BC002120	Plekhf1,APPD,PHAFIN1,ZFYVE15,1810013P09Rik	6.48E-15	-4.29833
AF189817	Plekhb2,Evt2,Phdc,evt-2,AU018239,2310009M15Rik	0	-5.34601
NM_013746	Plekhb1,PHR1,evt-1,Phret1,AI315628	7.13E-12	-3.34172
BB780848	Plekha3,FAPP1	3.44E-13	-1.59901
NM_133942	Plekha1,TAPP1,AA960558,C920009D07Rik	1.21E-06	-2.2065
BB293136	Plcxd3,B130016O10Rik	5.61E-45	-4.84689
AV306884	Plce1,Plce,mKIAA1516,4933403A21Rik	7.17E-16	-3.52378
BB143801	Plcb4,AI854601,A930039J07Rik,C230058B11Rik	2.87E-14	-3.15147
AK005158	Pla2g7,R75400	2.15E-18	-5.66099
AV235932	Pla2g4e,C230096D22,2310026J01Rik	0.00003	-2.44469
AV286396	Pkp4,Armp,p0071,	2.29E-39	-3.81987
AV047342	Pkib,PKIbeta,Prkacn2	1.10E-13	-6.58194
AV047342	Pkib,PKIbeta,Prkacn2	2.53E-16	-7.01871
BC017130	Pja2,AI447901,AL022700,MGC27629,Neurodap1,mKIAA0438	4.90E-33	-2.30521
BM199789	Pja1	1.62E-09	-2.37993
BB095454	Pitpnm1,Rd9,RdgB,DRES9,mpt-1,Pitpnm,R75447	1.61E-19	-6.30858
AA239637	Pitpna,vb,Pitpn,vibrator	0	-3.42588
BB504983	Pisd,9030221M09Rik	4.90E-11	-2.34607
NM_054097	Pip5k2c	4.17E-06	-2.38453
AK012196	Pip5k2a,AW742916	0.00006	-1.71003
BC019138	Pip5k1c,AI115456,AI835305,mKIAA0589	0.00005	-2.81699
NM_008846	Pip5k1a,STM7,Pip5a,AI844522	1.01E-10	-3.96577
AV371921	Pink1,BRPK,AU042772,AW557854,mFLJ00387,1190006F07Rik	1.33E-12	-3.47362
BM207220	Pik4ca	0.00002	-2.16893
AA414954	Pik3r3,p55pik,AA414954	0.00002	-1.63289
M60651	Pik3r1,PI3K,AA414921,p50alpha,p55alpha,p85alpha,C530050K14	0.0002	-1.87881
BG969734	Pigk,3000001O05Rik	0.00001	-1.84405
BE952586	Pib5pa,Pipp	3.74E-17	-9.3705
AI267048	Phyhipl,AI267048,4921522K17Rik	7.69E-10	-3.74888

BB427286	Phyhip,Lnap1ip,	5.17E-20	-27.96848
NM_010726	Phyh,PAHX,Lnap1,AI256161,AI265699	1.31E-30	-3.13771
AW107953	Phr1,Pam,R75243,AU023734,AW107953,AW546647	6.77E-09	-1.59129
BC024670	Phlpp,SCOP,Plekhe1,AI836256,mKIAA0606	7.66E-07	-2.07826
BM233125	Phkb,AI463271,MGC62514	0.00043	-1.92598
NM_008832	Phka1,Phka,5330411D17,9830108K24Rik	0.00019	-2.73896
BI663145	Phf15,Jade2,AI480685,mKIAA0239,1200017K05Rik	0.00002	-5.07293
BM241699	Phc3,Edr3,HPH3,E030046K01Rik	0.00028	-2.04827
AV339670	Phactr3,H17739,	6.52E-09	-2.68359
BB183423	Pgm2I1,BM32A,AI553438,4931406N15Rik	3.17E-32	-2.94908
NM_008828	Pgk1,Pgk-1,MGC118097	7.31E-07	-1.59393
AV151597	Pgbd5,AI854313,2900019M05Rik	9.75E-15	-3.75801
BI407347	Pgam1,Pgam-1,MGC102422,MGC118049,2310050F24Rik	5.46E-07	-2.43641
NM_019410	Pfn2,Pfn	7.21E-12	-1.50037
AV343511	Pfcp,PFK-C,1200015H23Rik,9330125N24Rik	6.25E-11	-2.55584
NM_021514	Pfkm,Pfka,PFK-M,AI131669	2.98E-18	-4.90485
NM_011070	Pfdn2,ESTM27,W48336	1.08E-18	-1.90443
M13227	Penk1,ENK,PPA,Penk,AI326464	1.18E-24	-17.65743
BM200248	Peg3,Pw1,End4,Gcap4,Zfp102,AL022617,mKIAA0287	2.50E-06	-1.85349
AI323543	Pea15,Mat1,PEA-15,Pkcs15	2.65E-06	-2.01987
BG063905	Pdxk,C77999,AA119688,2310036D04Rik	2.96E-26	-3.32597
NM_013743	Pdk4,AV005916	0.00093	-3.6242
NM_133667	Pdk2	0.00001	-8.80625
BB699957	Pdgrf1,AV013190,1110039P19Rik	7.55E-07	-2.28896
NM_008804	Pde9a,PDE9A1	1.18E-24	-8.22827
BB303582	Pde4d,Dpde3,9630011N22Rik	9.45E-12	-2.79751
AI448308	Pde10a	1.28E-13	-4.13087
BB249447	Pctk1,Crk5,Pctaire1	2.54E-06	-2.45765
BI157485	Pcsk6,SPC4,Pace4,C86343	0.00035	-8.39189
NM_008792	Pcsk2,PC2,Nec2,SPC2,Nec-2,Phpp-2,AI839700,6330411F23Rik	0.00021	-1.62564
AF181560	Pcsk1n,Pan3,SAAS,proSAAS,AI848336,MGC19107	0.00005	-10.58125
AV337888	Pcp4I1,1500036F01Rik	4.37E-08	-4.09263
NM_008791	Pcp4,Pcp-4,P16Rimb19	0	-24.05362
NM_008790	Pcp2,L7,Pcp-2	0	-44.3838
BB772192	Pcnx,Pcnx11,AF096286,AI327143	0.00064	-2.39312
BM117243	Pcmt2,AI314201,MGC36470,5330414D10Rik	0.00092	-1.62105
BB549335	Pcmt1,MGC117877,8430411F12Rik,A030012M09Rik	5.38E-06	-2.54184
AV009995	Pcmt1,PIMT,C79501	8.32E-10	-2.58178
NM_011995	Pclo,Acz,Pico,mKIAA0559	3.07E-16	-3.67709
BG073332	Pcdhgb1,MGC101993	4.54E-18	-2.71447
AW146252	Pcdha4,Cnr1,Cnr1,R75250	2.14E-06	-3.14936
BB265776	Pcdha11,Cnr7,Cnr7,A830022B16Rik	0.00003	-5.09006
BQ177394	Pcdh9,Gm297,Gm1213,AU021802,	2.71E-13	-4.7088
AY046947	Pcca,C79630	0.00026	-1.79649
AV094898	Pcaf,AI461839,AW536563,A930006P13Rik	8.65E-25	-2.45404
NM_017463	Pbx2,G17,AU043397	0.00002	-2.43954
BI690209	Parva,Actp,Parvin,AI225929,	0.00032	-2.57872
NM_019695	Pard6a,Par6,Par-6,Par6c,TAX40,Tip-40,PAR6alpha,0710008C04Rik	5.87E-08	-2.48367
AI530667	Paqr8,1700019B16Rik,3110001D06Rik	5.36E-06	-2.94469
BC022922	Paqr7,mPR,Mpra,PGLP,AV001994,BB007237,2310021M12Rik	4.29E-14	-3.9546
AK017345	Pank1,Pank,Pank1a,Pank1b,panK1beta,4632421I06Rik,	0.00001	-1.78136

BF456404	Pak1,Paka,PAK-1,AW045634	8.41E-45	-6.26963
BC019726	Paip1	6.51E-06	-2.19632
BE688382	Pafah1b1,Lis1,Mdsh,LIS-1,Ms10u,Pafaha,MMS10-U,MGC25297	2.35E-17	-2.0429
BI731319	Pacsin1,H74,syndapin,mKIAA1379,A830061D09Rik	3.35E-10	-8.06586
AW548944	Oxr1,C7,C7B,MGC103081,MGC107466,2210416C20Rik	2.37E-07	-2.38572
AU017520	Ovgp1,OGP,MOGP,muc9,Chit5,120kDa,AU016433,AU019448	0.00037	-1.91561
NM_130880	Otud7,AJ430384	0.00001	-5.03518
BB530087	Otud1,4933428L19Rik	2.70E-06	-2.897
BB826372	Osbpl9,ORP-9,AU015843,MGC30367,MGC38458,2600011I06Rik	4.46E-06	-2.26675
BB197141	Osbpl6,ORP-6,AI596402,	6.52E-27	-5.75211
NM_020573	Osbpl1a,Gm753,Osbpl1b,G430090F17Rik	0	-5.4495
BB383296	Opcml,Gm181,Obcam,	6.90E-34	-2.87778
NM_019409	Omg	1.68E-08	-8.93763
BE980857	Olfm3,B230206G02Rik	1.91E-20	-8.65776
D78264	Olfm1,AMY,Noe1,OlfA,AW742568,Pancortin,Pancortin3	7.18E-18	-8.99767
BB542051	Ogn,OG,OIF,SLRR3A,mimecan,mimican,3110079A16Rik	1.35E-08	-8.6992
AI427540	Ogfr11,2210417C17Rik	0.00002	-2.16732
BC013670	Ogdh,AA409584,KIAA4192,mKIAA4192,2210403E04Rik	0.00046	-2.62554
BB472509	Odz3,Odz1,Ten-m3,mKIAA1455,2610100B16Rik	0.00095	-2.96117
NM_011855	Odz1,Odz2,TCAP-1,Ten-m1	0	-14.89003
BG074373	Ocr1,OCRL1,BB143339,9530014D17Rik	0.00071	-3.36391
NM_008756	Ocln,Ocl	7.50E-06	-2.30301
AV062896	Ociad2,MGC51598,1810027I20Rik	0.00002	-2.41525
NM_023429	Ociad1,OCIA,Asrij,TPA018,	3.01E-35	-1.7557
U70674	Numb,mbn,m-numb	6.08E-08	-2.10876
BM120193	Nudt18,BC036718,MGC38179	6.35E-06	-3.08413
NM_008747	Ntsr2,NT2R,NTRL	6.67E-14	-7.10846
BB795585	Ntrk2,Tkrb,tkB,AI848316,C030027L06Rik	0.00016	-2.25153
NM_030699	Ntng1,Lmnt1,AI853992,MGC99878,A930010C08Rik	6.14E-11	-6.22694
AV248094	Nsg1,p21,m234,Neep21	7.11E-31	-3.17316
BB400581	Nsf,SKD2,AI316878,AU020090,AU067812	4.27E-42	-6.94987
BG804066	Nsddr,KIAA0659	2.78E-07	-12.17406
BB132137	Nrxn3,6332407J11,D12Bwg0831e,4933401A11Rik,9330112C09Rik	0	-8.26377
BE949064	Nrxn2,mKIAA0921,6430591O13Rik	5.67E-07	-3.1042
BB130571	Nrxn1,mKIAA0578,1700062G21Rik,9330127H16Rik,A230068P09Rik	0.00008	-2.16016
AK003046	Nrn1,Nrn,cpg15,MGC40786,0710008J23Rik	0.00068	-1.51924
AK012873	Nrk,Nesk,AA407323,AA409510,AI225895,AV168563,AW538185	3.07E-38	-9.35695
BB278601	Nrip3,D7H11orf14,A330103B05Rik,ICRFP703B1614Q5.2	1.26E-09	-3.22803
NM_008735	Nrip1,RIP140,AA959574,AW456757	6.64E-10	-2.30646
BC012437	Nrbp2,BC011468,MGC12117,MGC18994	0.00006	-2.30578
BE692107	Nr4a3,CHN,TEC,CSMF,Nor1,MINOR,NOR-1,AI573420	5.87E-32	-20.4285
BE824605	Nr4a2,NOT,HZF-3,Nurr1,RNR-1,TINOR,TINUR	0.00081	-2.61721
BQ174990	Nr3c2,MR,Mlr	0.00022	-6.31021
AW556220	Nr3c1,GR,Grl1,Grl-1	9.24E-08	-2.34487
NM_011584	Nr1d2,RVR,beta,Rev-erb	6.43E-09	-8.45034
BI076689	Nr1d1,R75201,A530070C09Rik	7.94E-13	-2.67021
NM_023456	Npy,0710005A05Rik	7.12E-07	-3.09183
AV221896	Nptxr,NPR,Npcd,AI452369,	2.74E-07	-3.92546
NM_008730	Nptx1,Np1,D11Bwg1004e	3.42E-19	-5.87938
BC016107	Npal2,Nipal2,9330161F08Rik	0.00006	-6.28084
X96585	Nov,C130088N23Rik	9.16E-08	-3.76446

BB098161	Nos1ap,Capon,6330408P19Rik	0.00003	-4.51378
BB794641	Nos1,NO,bNOS,nNOS,NOS-I,Nos-1	2.57E-07	-5.67921
AF312394	Nnp1,NNP-1,AL033305,AL033306,AU018604	0.00044	-1.68089
BB398185	Nmnat2,PNAT1,PNAT2,AI843915,MGC113818,D030041I09Rik	1.40E-14	-2.46566
NM_019730	Nme3,Ndk3,DR-nm23,Nm23-DR,Nm23-M3,AI413736	3.31E-07	-2.98685
AK010285	Nkiras1,KBRAS1,kappaB-Ras1,2400004O09Rik	4.39E-21	-4.69595
BC010837	Nipsnap1	0.00016	-1.98945
BB326329	Nipa1,FSP3,Spg6,1110027G09Rik,A830014A18Rik	0.00071	-1.68706
AK009021	Nifun,Nifu,AA407971,2310020H20Rik	3.91E-11	-2.19872
AV031928	Nicn1,1500032A17Rik	0.00002	-1.93918
NM_031375	Ngrn,AW552001	0.00032	-2.00516
BE950834	Neurod2,Ndrf	1.13E-14	-4.23935
BM116592	Neurod1,BETA2,BHF-1,Neurod	0.00073	-1.94008
BB319030	Neurl,Nlz,Neu1,Rnf67,AI450910,AI481072,2410129E16Rik	3.32E-17	-6.24609
BE952212	Nefl,Nfl,NF-L,NF68,CMT2E,AI847934	0	-40.86641
M35131	Nefh,Nfh,NF-H,NF200,mKIAA0845	0	-36.93277
BB258427	Nef3,Nfm,NF-M,NF160,NF165	2.74E-10	-5.27472
NM_026267	Necap1,AI747569,FLJ00061,mFLJ00061,1200016B17Rik	2.79E-24	-2.82033
BM121794	Nebi,Lnebi,1200007O21Rik,A630080F05Rik	1.55E-18	-4.34488
BE686339	Neb,AI595938	1.53E-07	-2.58894
NM_133666	Ndufv1	0.00004	-1.77937
BC013503	Ndufs7,1010001M04Rik	2.39E-08	-1.83841
NM_134104	Ndufs5,NADH dehydrogenase Fe-S protein 5 pseudogene	4.42E-16	-1.93749
BM898749	Ndufs4,C1-18k	0.00002	-1.81148
BC027270	Ndufs3,0610010M09Rik	7.45E-09	-1.65929
BC006660	Ndufs1,MGC7850,MGC19199,5830412M15Rik,9930026A05Rik	5.38E-11	-2.11645
NM_025523	Ndufc1,KFYI,MGC106656,2310016K22Rik	1.28E-06	-1.50653
C78790	Ndufb6,Gm137	1.28E-08	-1.56854
NM_025597	Ndufb3,AI415450,2700033I16Rik	2.93E-09	-1.65948
BI905689	Ndufb10,PDSW,22kDa,0610011B04Rik	1.25E-11	-2.20638
BC012416	Ndufa8,AW261656,0610033L03Rik	3.59E-18	-1.79099
NM_025987	Ndufa6,14kDa,2700038D15Rik,B230217P19Rik	0.00019	-1.63603
AI429575	Ndufa13,CDA016,CGI-39,Grim19,GRIM-19,AU022060,	2.28E-26	-1.94254
NM_019443	Ndufa1,MWFE,1810049F12Rik	6.21E-06	-1.50728
AK014990	Ndst3,MGC90637,4921531K01Rik,4930511P15Rik	1.60E-07	-3.82179
NM_008681	Ndr1,Tdd5	6.58E-11	-8.07854
AV006122	Ndr4,Ndr4,R74996,SMAP-8,MGC7067,Ndr1-rs,D8Bwg1337e	9.39E-44	-12.37528
BE631549	Ndr3,Ndr3,AI747193,4833415O14Rik	9.26E-22	-6.14726
NM_013864	Ndr2,Ndr2,SYLD,AI182517,AU040374	1.01E-30	-6.81683
AI987929	Ndr1,RTP,DRG1,NMSL,Ndr1,TDD5,CAP43,CMT4D,HMSNL,PROXY1	4.71E-06	-3.54988
NM_010882	Ndn,Peg6,AI528698	4.67E-12	-5.10885
AI647775	Ndg2,AI267078,1620401E04Rik	7.37E-38	-13.77847
BC026372	Ndfip1,N4wbp5,0610010M22Rik	1.50E-27	-2.15139
AF323918	Ndel1,NUDEL,MITAP1,2600006O07Rik	2.73E-12	-1.80131
BE686893	Ncoa7,9030406N13Rik	0.00001	-2.09602
BE996469	Ncoa1,Src1,Src-1,MGC90703	0.00005	-2.19574
NM_010878	Nck1,Nck,6330586M15Rik,D230010O13Rik	3.42E-09	-3.87382
BC017126	Ncdn,Ms10ae,norbin,AU042419,MMS10-AE,mKIAA0607	0.00005	-3.68217
NM_010875	Ncam1,CD56,Ncam,E-NCAM,NCAM-1,NCAM-120,	2.24E-14	-2.20178
BG071381	Ncald,AI848120,D15Ert412e,D030020D09Rik	0.0004	-2.35533
BI452475	Narf,4430402O11Rik	0.00002	-3.13838

AK010275	Napg,SNARE,2400003O04Rik	0	-2.5983
BB147418	Napb,I47,E161,Brp14,SNARE,b-SNAP	8.41E-45	-6.37324
BC004804	Napa,hyh,RA81,SNAPA,SNARE,a-SNAP,AW209189,	0.0002	-2.56581
NM_021432	Nap1I5,1110020M21Rik	0	-5.74137
NM_138742	Nap1I3,MB20	0	-11.48801
NM_008671	Nap1I2,Bpx	0	-6.74521
NM_008668	Nab2,AI451907	0.00006	-6.71197
NM_008667	Nab1	0.00009	-2.20841
BM116113	Myt1I,Nztf1,Pmng1,Png-1	0.00065	-1.81377
BB429683	Myrip,Slac2c,Slac2-c,A230081N12Rik	4.87E-07	-3.06134
BE133806	Myo6,sv,BC029719	7.60E-29	-4.04351
BC003985	Myo5c,BB085560,C330029I24,9130003O20Rik	1.24E-08	-5.11808
AK010278	Myh14,II-C,NHMCII,NMHC II-C,2400004E04Rik	0.00002	-4.80164
NM_008653	Mybpc3	0.00015	-2.95013
NM_008650	Mut,D230010K02Rik	3.54E-10	-2.40996
AK005233	Mtx2,1500012G02Rik	2.35E-08	-3.03569
BB747681	Mtus1,MD44,Atip1,MTSG1,C85752,ATBP135,AI481402,	6.94E-06	-2.20355
AV094609	Mtmr7	1.84E-07	-2.82689
BC020019	Mtmr6,AI428804,AU041072,MGC27983,4022440C11Rik	0.00001	-1.86949
BB381813	Mtmr1,AW049210,AW548191	0.00051	-1.6184
AK007757	Mtch2,HSPC032,2310034D24Rik,4930539J07Rik	3.58E-07	-1.60955
NM_008635	Mtap7,MAP7,R75000,E-MAP-115	1.17E-29	-3.83285
BB280360	Mtap4,Mtap-4,AA407148	0	-17.03209
BB765000	Mtap1a,Map1a,Mtap1,moth1,Mtap-1,AI853608,6330416M19Rik	1.14E-07	-4.872
NM_013603	Mt3,Mt-3	1.80E-06	-3.43518
AA796766	Mt2,Mt-2,MT-II,AA409533	0.00076	-2.71378
NM_013602	Mt1,MT-I,Mt-1	1.69E-25	-5.15418
BI246587	Mrps14,Rpms14,AL022847,1810032L21Rik	0.00019	-1.70037
NM_023331	Mrpl46,C80107,LIECG2,P2ECSL,C15orf4,3110052F15Rik	0.00006	-1.97543
BB243715	Mrpl44,AI463302,1810030E18Rik,5730593H20Rik	0.00079	-1.59583
BC019711	Mrgprf,MrgF,BC019711,MGC18825	0.00026	-3.17739
NM_033564	Mpv17I,M-LP	0.00034	-2.11739
BI648107	Mppe1,A530095G11	0.00008	-3.33198
BG066186	Mpp7,Gm955,AI415104,1110068J02Rik,2810038M04Rik	0.00001	-2.29676
AB059357	Mpp4,DLG6	6.28E-07	-5.02107
NM_007863	Mpp3,Dlgh3,6430514B01	1.12E-30	-5.59935
BE197350	Morf4I1,MRG15,Tex189	3.65E-26	-2.03053
U64572	Mog	0.00021	-5.90763
BC011081	Mod1,Mdh-1,Mod-1,MGC91072,D9ErtD267e	0.00058	-8.04628
AI447812	Mocs2,AI415403	0.00058	-2.04101
AI839848	Mobp,MOBP69,MOBP73,MOBP81	7.30E-12	-4.28139
BC025064	Mmd2,C88001,4930518M15Rik	8.05E-07	-2.89585
BC021914	Mmd,AA690185,1200017E07Rik,1810073C06Rik	3.71E-09	-1.89182
NM_053015	Mlph,ln,I1Rk3,Slac-2a,	0.00053	-4.03219
NM_019914	Mllt11,Af1q,Zfp692,AI839562	1.20E-19	-1.99049
NM_133241	Mlc1,VL,LVM,MLC,WKL1	1.59E-11	-9.50506
BB763517	Mitf,bw,mi,wh,vit,vitiligo,MGC124309,MGC124310	0.00002	-2.15787
BB022494	Mirg,Meg9,AI852992,2810474H01Rik	1.25E-13	-3.23407
BC003902	Mir16,GDE1,RGS16,1200003M13Rik	3.64E-08	-2.42948
NM_026524	Mid1ip1,Mig12,3110038L01Rik	3.77E-11	-2.37709
AI552688	Mia3,Tango,A930039G15Rik	1.26E-07	-1.98986

NM_025569	Mgst3,GST-III,AA516734,	0	-5.22156
AK015544	Mgat5,GlcNAc-TV,4930471A21Rik,5330407H02Rik	0.00028	-2.33088
BB283751	Mgat3,GnT-III,Al848272,1110038J12Rik	1.30E-06	-2.61358
NM_133201	Mfn2,Fzo,D630023P19Rik	3.20E-07	-3.73826
C79511	Mfn1,HR2,KIAA4032,mKIAA4032,	2.13E-07	-2.33358
NM_008594	Mfge8,P47,Mfgm,SED1,MFG-E8,AA408458,Al325141	1.13E-12	-2.73648
AK017269	Mfap3l,NYD-sp9,	0.00002	-3.84767
BB436326	Mfap1,4432409M24Rik	2.80E-09	-1.53247
BE947704	Metrn,Hyrac,1810034B16Rik	1.18E-08	-3.18326
NM_008587	Mertk,Eyk,Mer,Nyk	0.00017	-1.89459
BG070088	Meis1,Evi8,C530044H18Rik	0.00004	-5.71955
BB280300	Mef2c,AV011172,5430401D19Rik,9930028G15Rik	1.23E-10	-2.91481
AV255689	Mef2a,A430079H05Rik	3.65E-29	-3.33517
BB130002	Mecp2,Mbd5,WBP10,BB130002,1500041B07Rik	0.00052	-1.82705
AK006146	Me3,MGC107389,1700020C08Rik,B230207H15Rik	0.00005	-3.1144
Al608477	Mdh1,MDHA,Mor2,MDH-s,Mor-2,D17921,B230377B03Rik	7.18E-33	-2.11807
AK013379	Mctp1,2810465F10Rik	1.81E-10	-5.38426
NM_053177	Mcoln1,MGC7172,2210015I05Rik	0.00029	-2.13903
AV293368	Mcf2l,Dbp, Ost, Ost gamma,mKIAA0362,C130040G20Rik	6.68E-09	-2.49477
BB794635	Mcc,E330037C19,D18Ert451e,A930012L18Rik	1.10E-16	-5.4464
L07509	Mbp,mld,shi,Hmbpr,C76307,R75289,golli-mbp	4.63E-24	-13.35164
BB003847	Mbnl2,MBLL,	5.13E-10	-3.15218
NM_020007	Mbnl1,Mbnl,mKIAA0428	0.00094	-1.61496
AV298746	Mbd5	2.42E-06	-1.85753
NM_134017	Mat2b,TGR,MAT-II,	3.58E-09	-1.8266
Al642422	Mast4,Al642422,mKIAA0303,4930420O11Rik	0.00009	-3.4219
BG076407	Marveld2,MARVD2,Mrvldc2,BC003296,MGC55067	2.70E-07	-5.13257
BQ176049	March6,mKIAA0597,3830408G03,F830029L24Rik	1.67E-11	-1.83271
AV349132	March2,MGC7259,9530046H09Rik	0.00005	-2.37866
M18775	Mapt,Tau,Mtapt,Al413597,AW045860	0.00009	-2.53166
U51204	Mapre3,EB2,Al790651	2.74E-07	-7.98804
BC027056	Mapre2,EB1,EB2,RP1,Al314113,D18Abb1e,C820009F03Rik	0.00023	-1.97901
BC024514	Mapk9,JNK2,Prkm9,Al851083,p54aSAPK	5.12E-12	-2.60665
AF178636	Mapk8ip3,	0.00018	-2.78658
BC021640	Mapk12,Erk6,Sapk3,Prkm12,AW123708,P38gamma	1.57E-16	-11.96824
L35236	Mapk10,JNK3,Serk2	6.77E-19	-3.35748
BF165548	Map4k3,Glk,MAPKKKK3,RAB8IPL1	0.00015	-1.58149
AV377656	Map3k5,ASK1,Mekk5,MAPKKK5,7420452D20Rik	4.21E-09	-3.65008
BM240207	Map2k4,MEK4,MKK4,Sek1,JNKK1,Serk1,PRKMK4	2.93E-10	-1.81412
NM_008927	Map2k1,Mek1,MEKK1,MAPKK1,Prkmk1	2.11E-30	-2.98986
BB549292	Maob,6330414K01Rik	0.00008	-3.65612
BB794673	Man2a2,MX,Al480988,1700052O22Rik,4931438M07Rik	2.05E-08	-2.50826
BB296321	Malt1,MGC124469,MGC124470,A630046N12,D430033E09Rik	0.00026	-2.32239
AW012617	Malat1,Al647968,2210401K01Rik,9430072K23Rik	1.06E-07	-2.28686
NM_010762	Mal,MPV17,VIP17	3.07E-42	-27.59734
NM_053201	Magee1,DAMAGE,Al847422,mMage-e1	1.79E-10	-2.56887
NM_010758	Mag,Gma,MGC123387,siglec-4a	8.01E-08	-7.78613
AV284857	Maf	6.32E-34	-4.5044
BM225074	Madd,IG20,9630059K23Rik	3.57E-06	-2.07433
BM248206	Macf1,Acf7,MACF,Acip7,mACF7,ABP620,R74989,mKIAA0465	2.51E-10	-1.89575
BC011116	M6prbp1,1300012C15Rik	0.00015	-5.56533

BC006914	Lzf,C76152,AU020118,0610011C19Rik	0.00028	-3.44456
BB463428	Lyst,bg,beige,D13Sfk13	4.16E-08	-1.79409
BB667084	Lysmd3,MGC7041,BC003322,1110030H10Rik	0.00019	-1.89566
AK008800	Lysmd2,AV033872,AW538442,2210402C18Rik	2.31E-06	-2.4341
BB431070	Lynx1,AI838844	7.32E-08	-4.57551
NM_011838	Lynx1,AI838844	3.83E-10	-27.16372
NM_010741	Ly6c,Ly-6C,AA682074,AA959465	0.00003	-2.72866
BC002070	Ly6a,TAP,Sca1,Sca-1,Ly-6A.2,Ly-6A/E,Ly-6E.1	1.07E-06	-2.21612
NM_016753	Lxn	0	-2.53799
BB386209	Luzp2,D130073E01,9330154K17Rik	0.0002	-2.65417
BB705823	Luzp1,Luzp,AI266952,mFLJ00226,2700072H04Rik	0.00007	-3.76379
BB319385	Lsamp,Lam,Lamp,5430428I19,B130007O04Rik	4.71E-07	-4.79789
BM224801	Lrrtm3,9630044H04Rik	6.46E-08	-3.7144
BB333692	Lrrtm2,AI851755,BB129880,mKIAA0416,C630011A14Rik	0.00008	-1.95967
AK014938	Lrrk2,Gm927,cl-46,AW561911	3.07E-10	-2.79295
NM_008515	Lrrrip1,Fliiap1,AU024550	3.02E-07	-4.04046
AV336083	Lrrc4c,NGL-1,mKIAA1580,6430556C10Rik	0.00011	-3.69331
BC016574	Lrrc49,AI430817,AW050057,D430025H09Rik	4.70E-11	-3.05174
BB332932	Lrrc4,MBAG1,Nag14	9.75E-13	-3.60196
NM_138682	Lrrc4,MBAG1,Nag14	1.00E-07	-9.73175
BC019794	Lrrc3b,LRP15,BC019794,MGC30505	4.28E-22	-7.41608
BB540721	Lrrc35,D330014K23,E130107N23Rik	0.00016	-2.00958
BI101322	Lrrc19,AI314124,AL022954,AW261791,9130022A01Rik	1.09E-06	-2.212
D00622	Lrpap1,RAP,HBP44,C77774,AA617339,AI790446,AU042172	7.63E-09	-2.23541
BB750940	Lrp8,Lr8b,apoER2,4932703M08Rik	1.97E-07	-3.48387
AV174595	Lrig1,Img,LIG-1,D6Bwg0781e	0.00001	-2.62897
BB371739	Lrnf5,AI427653,AI604817,KIAA4208,mKIAA4208,C130061B21	0.00037	-4.95132
BB011593	Lrch1,Chdc1,AI552548,AW215503,mKIAA1016,4832412D13Rik	6.54E-06	-2.69148
BB297498	Lpp,C79715,AA959454,AU024130,	1.53E-16	-2.39914
AK014526	Lpin1,fl,Kiaa0188,mKIAA0188,4631420P06	0.00067	-1.75964
AV338336	Lphn3,LEC3,CIRL-3,Gm1379,	8.74E-06	-2.44468
BE987427	Lpgat1,AI649174,BC013667,MGC18768	2.54E-13	-2.30726
AK013739	Lonrf2,AI851349,2900060P06Rik	0.00007	-1.98231
BI733057	LOC545923	1.14E-06	-2.74078
BB223743	LOC545323	5.04E-07	-1.97365
AA175473	LOC545228	0.00003	-2.08818
BB229114	LOC544932	0.00017	-12.15324
BB798279	LOC435684	0.00042	-4.8451
BM203642	LOC434335	3.57E-14	-4.34183
BB332375	LOC434128	1.26E-06	-1.91991
BB411302	LOC433594	7.27E-07	-1.56619
BB246383	LOC433524	0.00001	-2.12604
BQ176176	LOC433022	0	-11.76645
BB125223	LOC432460	0.00004	-4.1582
BE852308	LOC382098	1.92E-08	-6.45747
AI837848	LOC331528	6.85E-29	-3.6256
BM235840	LOC329575	3.06E-06	-1.8259
BE995608	LOC237403	0.00023	-7.40045
NM_008084	LOC14433	9.87E-14	-1.8027
NM_080795	Lnx2,AW209022,9630046H24	0.00021	-2.58795
BB131619	Lnx1,Lnx	0.00018	-2.03825

BE850004	Lnpep,CAP,IRAP,PLAP_gp160,vp165,2010309L07Rik,4732490P18Rik	0.00003	-2.49703
AV370003	Lmbrd1,AV347960,0910001K20Rik	0.00077	-1.7236
BG070844	Lmbr1,AU017641	2.16E-06	-1.87087
NM_011698	Lin7b,Veli2,LIN-7B,MALS-2	0.0005	-3.68945
AV287586	Lin7a,Veli,Veli1,LIN-7A,MALS-1,TIP-33,AI848705,MGC102231	0	-11.00339
AV149705	Lhfp,AI194968,2810489O06Rik	1.51E-39	-4.14766
BI107632	Lgr4,Gpr48,9130225G07,A930009A08Rik	1.47E-13	-2.44468
BB187947	Lgi3,AW049851	1.29E-06	-10.35016
BM118120	Lgi2,mKIAA1916	1.91E-13	-5.74218
BB314774	Lgi1,BB130740	5.20E-34	-10.13964
AI987967	Lgals8,Lgals-8,AI326142,D13ErtD524e,1200015E08Rik	4.70E-11	-2.14908
BC011507	Lgals7,Galectin-7	1.61E-13	-2.74168
BF658789	Leprotl1,AI854296,1110067H13Rik,1520402O14Rik	0.00007	-1.93116
BM242619	Lemd3,Man1,AI316861	2.19E-07	-1.64523
AW541598	Ldoc1,Gm366,Mart7	2.35E-14	-10.27019
AV216324	Ldh2,Ldhd,Ldh-2,AI790582	5.41E-40	-2.98165
AV273001	Lbxcor1,Corl1,AV273001,4931440A04,C230094B15Rik	4.69E-25	-17.69098
AK021160	Lba1,Gm187,A230061D21Rik,C030048J01Rik	5.38E-08	-2.4599
AV271979	Lats2,AV277261,AW228608,4932411G09Rik	0.00077	-2.77404
AW550676	Lass6,T1L,AW544719,4732462C07Rik	0.00003	-2.87374
BB377636	Lasp1,Def-4,SH3P6,AA408629	0.00042	-1.63311
NM_026235	Larp6,AI552438,MGC115805,5430431G03Rik	5.86E-09	-9.83402
BG261907	Large,fg,myd,froggy,Gylt1a,mKIAA0609	2.34E-22	-2.54355
BB560429	Laptm4b,LAPTM4beta,C330023P13Rik	7.25E-09	-1.55217
BB811311	Lancl3,6030463G20Rik	1.06E-19	-9.98112
BG970109	Lamb1-1,C77966,C80098,C81607,Lamb-1,D130003D08Rik	0.00023	-2.4024
U12147	Lama2,dy,mer,merosin,KIAA4087,mKIAA4087,5830440B04	0.00035	-2.69681
AV023513	Krtap3-1,KAP3.1,KRTAP3.1,2310003K17Rik	3.88E-13	-6.94458
U20619	Kpna1,NP11,Rch2,IPOA5,mSRP1,AW494490	7.63E-06	-1.71991
AU079968	Kns2,Klc1,KLC1T,60/70kDa,AI874768	6.47E-06	-2.07441
BB037068	Klhl4,B130014A11,C130018J01Rik	1.17E-13	-6.27611
BQ176961	Klhdc1	5.84E-06	-5.09598
AV354744	Klf9,Bteb1,BTEB-1,AA589643	0.00001	-2.12859
NM_008451	Klc2,AW212649,8030455F02Rik	4.73E-07	-2.68941
BB815530	Kitl,Gb,SF,Sl,Clo,Con,Mgf,SCF,SLF,Steel,contrasted	7.02E-22	-2.46865
X65997	Kit,W,Bs,Fdc,Ssm,CD117,c-KIT,Tr-kit	8.08E-25	-9.3028
AK005197	Kirrel3,SST4,NEPH2,mKirre,mKIAA1867,1500010O20Rik,	7.25E-08	-8.28299
NM_010630	Kifc2	0.00022	-6.4659
D50366	Kifap3,KAP3,SMAP	7.00E-15	-1.81652
BB698320	Kif5c,KINN,NKHC,NKHC2,NKHC-2,mKIAA0531	1.16E-12	-2.57684
BI328541	Kif5b,KHC,AL022807	8.68E-07	-2.12809
AU067810	Kif5a,Kns,Kif5,KIAA4086,mKIAA4086,D10Bwg0738e	1.82E-20	-7.3427
BC016221	Kif1c,Ltxs1,D11Bwg1349e,B430105J22Rik	0.00007	-2.2777
BQ175246	Kif1b,D4Mil1e,AI448212,AI506502,KIF1Bp130,KIF1Bp204	0.00006	-2.10482
NM_008440	Kif1a,ATSV,Kns1,Gm1626,C630002N23Rik	2.46E-06	-3.98812
BB352927	Kctd8,A730087N02Rik	1.75E-10	-6.00403
AK009318	Kctd2,2310012I15Rik	0.0003	-1.91151
BM220945	Kctd12,Pfet1,Pfetin,AU046135,AW538430,6430514H16	1.40E-45	-6.67957
BB333655	Kcnt1,slo2,Slack,mKIAA1422,C030030G16Rik	9.26E-12	-7.43423
AB000497	Kcnq2,KQT2,HNSPC	2.88E-06	-5.75184
BB130001	Kcnn2,SK2,SKCA2	2.37E-18	-6.38783

NM_021452	Kcnmb4,1700058G18Rik,2900045G12Rik	0.0007	-2.5816
BE952741	Kcnma1,Slo,Slo1,mSlo,MaxiK,mSlo1	8.53E-07	-3.23991
AU043100	Kcnk1,TWIK-1,AI788889	3.19E-28	-4.542
AK007011	Kcnj9,Girk3,Kir3.3,mbGIRK3,1700085N21Rik	1.15E-06	-6.04138
BB395066	Kcnj3,GIRK1,Kcnf3,Kir3.1,MGC124233,MGC124234	5.19E-11	-3.97925
AF322631	Kcnj10,BIR10,BIRK-1,Kir1.2,Kir4.1	1.36E-14	-2.88095
BB188374	Kcnip4,Calp,KChIP4,Calp250,AV032399	0	-23.53456
NM_027398	Kcnip1,KCHIP1,AI842357,	1.48E-12	-4.14391
NM_010600	Kcnh1,M-eag,MGC124419,MGC124420	4.14E-10	-8.40706
AK015001	Kcng4,KV6.3,KV6.4,AW049024,4921535I01Rik	2.43E-06	-8.02437
AW045978	Kcnd3,Kncd3,AW045978	8.11E-22	-3.20145
BB472451	Kcnd2,Kv4.2,R75121,AI839615,AW555701,mKIAA1044	0	-10.64145
NM_145922	Kcnc4	0	-2.39712
BB130746	Kcnc1,KV4,NGK2,Shaw,Kv3.1,Kcr2-1,KSHIIIb,C230009H10Rik	0	-28.18564
U31908	Kcnab2,F5,I2rf5,Kcnb3	0.00004	-5.92121
AK015412	Kcnab1,Akr8a8,Kvbeta1.1,mKv(beta)1	1.47E-25	-12.10305
BM119753	Kcna6,Kv1.6,MK1.6	0.00002	-6.35838
NM_010595	Kcna1,MBK1,Mk-1,Shak,Kv1.1,mceph,Kca1-1,AI840627	0	-19.28441
AW049906	Kbtbd11,mKIAA0711,4930465M17Rik	1.51E-35	-3.2075
AI842353	Kazald1,Bono1,AI842353,IGFBP-rP10	0.00061	-4.62681
BB376821	Jph4,JP-4,JPHL1,AI425998,9330157P13Rik	3.13E-11	-3.49399
NM_020605	Jph3,JP3,JP-3,MGC124338,MGC124339,MGC124340	1.57E-13	-13.24862
BB432934	Jph1,JP1,JP-1	2.80E-10	-2.40736
AV293164	Jmj1c,TRIP8,Jmj1c,5430433L24Rik,D630035I23Rik	7.09E-06	-1.60716
BQ032637	Jak1,AA960307,MGC37919,C130039L05Rik	3.72E-12	-1.70436
NM_010587	Itns1,Ese1,Itns,EHSH1,	0.00077	-5.16794
NM_010585	Itp1,opt,Ip3r,P400,Pcp1,IP3R1,Pcp-1,D6Pas2,InsP3R,Itp1-1	4.90E-44	-30.35902
BC027291	Itpka,MGC28924	4.01E-10	-10.99096
AW552407	Itpk1,BC031182	7.70E-07	-2.93273
NM_022417	Itn2c,E25,BRI3,E25C,ITM3,R75508,AU041202,3110038L02Rik	3.65E-19	-2.10877
NM_008410	Itn2b,E25BMM,D14Sel6,AI256040	0	-3.8614
NM_008407	Itn3,Intin3,Itn-3,AW108094	8.33E-06	-2.72895
BB175009	Itn1,B930011D01Rik	1.05E-10	-3.15896
NM_008403	Itn1bp1,AI449260,AU019480	5.37E-15	-2.84284
AU067690	Iqsec3,AK122446,mKIAA1110	0.00004	-5.51719
BF164393	Iqsec1,cl-43,AW561907,BC026481,KIAA0763,mKIAA0763	2.00E-15	-14.68949
AK019361	Ipw	0.00007	-3.76668
AV257512	Insig2,Insig-2,2900053111Rik,C730043J18Rik	1.14E-06	-2.51152
BB307136	Inpp5a	0	-12.33387
BQ176731	Inpp4b,E130107I17Rik	1.78E-25	-11.41933
NM_008384	Inpp1,AV137389	7.71E-11	-6.1314
AV287690	Inadl,Cipp,Patj	0	-8.46643
BC018383	Ina,NF-66,AV028420,MGC25352	0.0002	-1.68557
NM_008378	Impact,E430016J11Rik	3.55E-17	-3.36172
AV348702	Impa1,AI325909,2610002K09Rik,2900059K10Rik	2.33E-16	-2.47694
BI408416	Ilvbl,AI415009,5830463I21	0.00051	-7.75089
AJ249492	Il1fb,IL-TIFb,MGC129416,MGC129417	0	-20.64657
AK017211	Il6st,CD130,gp130,AA389424,BB405851,D13Ert699e	0.00001	-1.92511
BC026894	Il16,KIAA4048,mKIAA4048	3.55E-13	-7.0735
BC004619	Il11ra1,NR1,GP130,Il11ra,AI314697	0.00077	-2.75237
BB543585	Igsf4d,NECL3,Igdf4d,9330131D06,A830029E02Rik	6.91E-14	-2.91556

AY059393	Igsf4b,BIgr,Necl1,Tsll1,Necl-1,SynCAM3	3.50E-23	-6.45541
NM_008344	Igfbp6,IGFBP-6	6.92E-07	-2.8384
BF225802	Igfbp5,IGFBP-5,AI256729,AW208790	7.81E-11	-3.46727
BG092290	Igf2r,CD222,CI-MPR,Mpr300,AI661837,M6P/IGF2R	1.93E-09	-3.572
BM241722	Ids,AW214631	3.74E-27	-2.67757
NM_130884	ldh3b,C78231	0	-2.66979
AK003393	ldh3a,AA407078,AI316514,1110003P10Rik,1500012E04Rik	0.00001	-1.72381
BB121406	ld4,ldb4	1.36E-37	-10.97516
NM_010496	ld2,ldb2,C78922,AI255428	0.00016	-2.0675
BF462080	lcmt,PPMT,STE14,pcCMT	3.91E-11	-4.79297
BG064140	lbrdc3,4930534K13Rik,4930555L03Rik	1.02E-06	-8.23771
BQ175872	lars2,C79125,MGC63429,2010002H18Rik	2.70E-13	-6.00404
NM_019564	Htra1,L56,HTRA,Prss11,RSPP11,AI429470	1.68E-31	-29.96139
C77287	Hspca,hsp4,86kDa,89kDa,Hsp89,Hsp90,Hsp86-1	1.94E-28	-1.89856
BC006722	Hspa8,70kDa,Hsc70,Hsc71,Hsc73,Hsp73,Hspa10	1.53E-30	-1.63115
BM116299	Hspa4l,94kDa,APG-1,Osp94,AI461691,MGC117843	3.87E-34	-6.35912
M12573	Hspa1b,70kDa,Hsp70,hsp68,HSP70A1,Hsp70-1,Hsp70.1	0.0008	-2.42731
BB197697	Hspa12a,AI840429,AW048913,AW556406,	9.59E-09	-9.99643
BM200015	Hsd12,2610207116Rik	0.00039	-3.45925
NM_008288	Hsd11b1	2.71E-28	-9.62117
AW536432	Hs6st2,6OST2	1.01E-18	-3.26234
AV226060	Hs3st1,3-OST,Hsg3ost,D5Wsu110e	1.93E-18	-4.43093
AK005016	Hrsp12,HR12,HRP12	6.35E-27	-5.55693
BC024581	Hras13,C78643,Hrev107	1.23E-06	-5.53639
AV153557	Hpcal4,NVP-2,AI846570	7.72E-06	-6.74317
NM_016677	Hpcal1,Nvp3,NVP-3,Vnsl3,Vsnl3,VILIP3	5.89E-19	-9.86658
AV240656	Hook1,azh,A930033L17Rik	6.49E-18	-4.41443
BC005773	Homer3,AW146114	1.65E-06	-4.84617
BM124609	Homer1,SYN47,Ves-1	0.00044	-1.66209
AK009007	Hod,Hop,Ob1,Obl,Hdop,Toto,Cameo,AI848177	2.52E-23	-5.23128
AF282980	Hnt,R75390,6230410L23Rik,B230210G24Rik	2.80E-45	-6.97761
BI080136	Hnrp12,AI465155,1110031M08Rik	0.00015	-1.68353
BB827830	Hnrph3	2.39E-06	-4.27865
AI843818	Hnrpd,Auf1	5.62E-06	-4.03791
NM_080462	Hnmt,AI788969,1500031F01Rik	0.00036	-4.91779
NM_010443	Hmox2,HO-2	0.0006	-1.56678
BC025440	Hmgcl,HL,AW476067	1.54E-06	-2.36109
BB744589	Hlf,E230015K02Rik	1.97E-10	-6.37861
AW610715	Hlcs,D16Jhu34,410I21.SP6	3.91E-07	-6.26032
NM_010438	Hk1,dea,Hk-1,Hk1-s,mHk1-s,BB404130	5.80E-08	-6.82684
BB309576	Hivep3,Rc,Krc,KBP1	0.00049	-2.22228
NM_030082	Hist3h2ba,AI413321,1500011O09Rik	0.00021	-1.6196
BC010564	Hist2h2aa1,Hist2,H2a-615,AI448581	0.00043	-1.89119
NM_023422	Hist1h2bc,H2bfs,R74621,2610022J01Rik	7.86E-07	-2.6162
BG071019	Hisppd2a,mKIAA0377,B430315C20Rik	7.50E-11	-3.77507
BG076079	Hipk3,PKY,DYRK6,FIST3	5.64E-16	-3.60481
AF071070	Hipk1,Myak,1110062K04Rik	9.98E-14	-1.86718
AA590970	Hip1r,AA410023,mKIAA0655	0.00003	-8.8495
NM_025933	Higd2a,AA690237,2010110M21Rik	1.84E-07	-1.69553
NM_019814	Higd1a,Hig1,AI303276,AW049839,2210020B17Rik,7420700H20Rik	4.00E-15	-3.57592
BB269715	Hif1a,MOP1,AA959795,HIF-1alpha	0.0007	-2.80173

BC003914	Hibadh,AI265272,6430402H10Rik	2.75E-09	-2.03126
NM_133680	Hiatl1,AU045608,AW539692,5730414C17Rik	0.00057	-1.93188
AK017531	Herc3,AI646603,MGC30404,mKIAA0032,5730409F18Rik	0.00028	-4.07291
BB333568	Herc2,rjs,jdf2,KIAA0393,	0.00068	-2.2787
AW146201	Herc1,MGC7618,B230218H07,2810449H11Rik,D130015N03Rik	1.46E-15	-1.8589
BB347007	Hecw1,Ned1,AV273951,9330116H24Rik,E130207I19Rik	1.04E-17	-6.1159
NM_010412	Hdac5,Hdac4,mHDA1,AI426555,mKIAA0600	0.00005	-2.7684
BC016208	Hdac11,MGC27683	3.05E-13	-10.06397
NM_010408	Hcn1,HAC2,Bcng1	4.26E-42	-23.2975
BF580567	Hcfc1r1,HPIP	2.04E-08	-2.27047
AV053864	Hbxip,XIP,1110003H18Rik	8.60E-08	-1.51392
AV209097	Hbld2,1810010A06Rik	0.00001	-2.55888
L07264	Hbegf,DTS,Dtr,Hegfl,HB-EGF,AW047313,MGC107656	0.00014	-3.06423
BC027434	Hbb-b2,AI036344	2.32E-08	-7.42379
AF071431	Hbb,beta-globin	5.29E-07	-3.33499
NM_008218	Hba-a1,Hba1	2.59E-06	-10.9052
NM_134248	Havcr1	5.46E-04	-1.67432
AI451865	Hars2,0610006H08Rik	5.09E-20	-2.10234
BB082407	Hapln4,Lpr4,Bral2,9330174O11	2.11E-07	-8.79127
BE979942	Hapln2,Bral1,4930401E20Rik	0.00003	-3.66153
BI790001	Haghl,AI844861,MGC101974,	0.00089	-2.62736
BI466860	Hagh,Glo2,Glo-2,Rsp29,BC019817	5.17E-13	-2.84476
AV150884	Hadhb,Mtpb,4930479F15Rik	1.68E-17	-1.81313
BF460630	Habp4,4933413D03Rik,4933428J01Rik	0.00019	-3.98337
AK005204	H47,H4,H-4,H-47,Sels,C78786,1500011E07Rik	1.05E-08	-2.10845
BF683028	Gyk,GK,D930012N15Rik	1.10E-08	-2.77917
BC024464	Gup1,1110011D13Rik	0.00044	-2.40268
BF472806	Gucy1b3,GC-S-beta-1	1.42E-09	-2.53909
BE990468	Gtl2,Meg3,R74756,R75394,	0	-58.12579
BC012707	Gstt2,Yrs,mGSTT2,AI266894	7.06E-06	-3.87265
AV003026	Gsto1,p28,GSTX,AA407097,AI194287,AU018802	2.85E-08	-2.32864
NM_010358	Gstm1,Gstb1,Gstb-1	7.15E-25	-3.86326
AK002661	Gstk1,AW260476,0610025I19Rik	0.00001	-4.21811
NM_010357	Gsta4,5.7,GST,mGsta4,GST 5.7	1.15E-12	-11.2318
BC026822	Gsbs,Ppp1r2	0	-20.23626
AV335221	Grm7,Gpr1g,Gprc1g,	8.35E-10	-4.78032
BM941191	Grm4,Gprc1d,mGluR4	4.85E-08	-7.30402
AK002958	Grm3,Gprc1c,mGluR3,0710001G23Rik	3.33E-29	-15.57816
AF320126	Grm1,Gprc1a,mGluR1,MGC90744,4930455H15Rik	0.00021	-2.34255
AW212189	Grina,Lag,1110025J15Rik	4.55E-16	-6.28063
NM_023168	Grina,Lag,1110025J15Rik	1.98E-07	-6.32415
NM_010350	Grin2c,NR2C,NMDAR2C	1.41E-17	-21.44785
X66118	Grik1,Glur5,Glur-5,D16lum24,MGC25101,D16lum24e,A830007B11Rik	0.00004	-3.14451
NM_008167	Grid2,Lc,ho,cpr,tpr,	0	-17.89316
BB392770	Gria4,Glur4,Glur-4,gluR-C	0.00015	-1.79328
NM_016886	Gria3,Glur3,Glur-3,KIAA4184,mKIAA4184,2900064I19Rik	5.25E-18	-2.81719
AK014389	Gria2,Glur2,GluR-B,Glur-2	9.35E-07	-1.97324
BQ175316	Gria1,Glrl,Glrl-1,GlurA,Glur1,HIP1,	0	-9.53669
NM_080289	Grhpr,1110059D05Rik,6430629L09Rik	0.00055	-4.11653
NM_016719	Grb14,AI505286	5.63E-10	-5.90647
AF022072	Grb10,Meg1,AI325020,mKIAA0207,5730571D09Rik	4.01E-12	-2.73714

AV259880	Gramd3,NS3TP2,AW061306,9030613F08Rik,9130427A09Rik	0.00052	-1.81031
BI729743	Gramd1b,AI593249,KIAA1201,mKIAA1201,3222402H23	1.97E-20	-2.49691
AK020708	Gpsn2,SC2,AI173355,D17ErtD178e,2410016D23Rik,A230102P12Rik	0.00011	-2.77901
BC019379	Gprk5,GRK5	0.00092	-2.48844
AK014308	Gprc5c,MGC6786,MGC11976,1110028106Rik,3200002M13Rik	1.53E-07	-3.45625
BC020004	Gprc5b,Raig2,AW125761	7.12E-17	-9.72617
BC027187	Gprasp1,GASP,GASP1,MGC100209,2210415K24Rik,3110031O14Rik	0	-2.1484
BB538372	Gpr68,BB131428	0.00003	-6.95829
AB016602	Gpr3711,CAG-18,D0Kist8,AW047233	6.79E-07	-2.97998
BQ175510	Gpr37,Pael-R,AI848630	2.26E-15	-11.02083
BB429977	Gpr22,AW061316,MGC107197,2900068K05Rik	0	-39.46529
NM_013533	Gpr162,A-2,Grca,BC031437	0.00069	-2.49827
BB762731	Gpr155,PGR22,DEPDC3,AW319992,1110017O10Rik,F730029F15Rik	1.13E-12	-4.22707
AV221890	Gpr135,PAFR	0.00012	-2.03763
AK016567	Gpm6b,M6B,Gpm6,AI593561	1.63E-15	-2.68681
BB348674	Gpm6a,M6A,Gpm6,MGC38999	0	-4.71873
NM_008156	Gpld1,AW546131,6330541J12Rik	1.69E-09	-3.54892
BE992059	Gpi1,Amf,Org,Gpi-1,Gpi1s,	1.16E-07	-1.7829
AA170590	Gphn,GPH,geph,GPHRYN,	9.91E-07	-2.26941
BQ175968	Gpd2,GPDH,Gdm1,Gpd-m,Gpdh-m,	4.89E-22	-2.6946
BC019391	Gpd1,Gdc1,Gdc-1,AI747587,KIAA4010,mKIAA4010	1.27E-06	-5.38593
U82470	Got2,Got-2,mAspAT,FABP-pm,AL022787,MGC102129,MGC115763	0.00019	-1.96054
AA792094	Got1,Got-1,cAspAT,AI789014	0	-10.4196
NM_018748	Golga4,Olp-1,AI225887,AU019508	0.00027	-1.9796
NM_010316	Gng3,83	3.05E-18	-1.59362
AB030194	Gng13,AB030194,Ggamma13,1500031D04Rik	0	-68.37276
NM_025331	Gng11,0610037B21Rik	0.00006	-2.06094
BC016135	Gnb5,GBS,flr,Gbeta5	3.40E-39	-3.9846
NM_010308	Gnao1,Gnao	0.00084	-2.60968
BQ174580	Gnai1,Gnai-1,AU046200,Galpha1	0	-8.27447
NM_025508	Gmpr,AV028449,2310004P21Rik	7.23E-06	-2.20382
AW120650	Gm879	1.25E-07	-4.44515
BQ174072	Gm691,MGC67359	0.0004	-2.15262
BQ176223	Gm388	7.77E-09	-3.04031
AI391218	Glul,GS,Glns	0.0001	-1.68802
NM_008133	Glud1,Glud,Gdh-X,GludI,AI118167	5.65E-09	-2.04282
AI195532	Gls2,GA,GLS,Lga,AI195532,KIAA4146,mKIAA4146,A330074B06Rik	0.00008	-6.60704
BM239869	Gls,6330442B14,B230365M23Rik	1.66E-06	-1.93608
NM_010298	GlrB,spa,Glyrb,spastic,AI853901	8.82E-18	-3.96797
BM933153	Glo1,GLY1,Qglo,	0.00004	-3.47742
BB795216	Glg1,CFR,CFR-1,ESL-1,MG160,Selel,MG-160,AI593353,AW537898	0.00015	-2.39484
BC016507	Gjb6,Cx30,AA958971,D14Bwg0506e	0	-8.25562
BI737842	Gja9,cx36,connexin36	0.00011	-3.53489
M63801	Gja1,	1.71E-18	-11.98338
BC010224	Ghitm,C77840,PTD010,1010001P14Rik	3.86E-15	-5.01434
AW538065	Ggps1,C79210,AI843169,1810026C22Rik,9530089B04Rik	1.10E-08	-2.59554
BB501734	Gga3,mKIAA0154,C230037M19Rik	0.00089	-1.50755
BC024955	Gdpd5,BC024955,MGC31332,MGC37148	0.00074	-2.43776
BC013758	Gdi1,GDIA,GDIalpha,MGC21593	6.91E-08	-2.07296
L42114	Gdf10	5.37E-14	-14.67144
BC025070	Gdap2,C77050,D3ErtD801e	0.00003	-1.7138

AK017462	Gcnt1,IGnT,B130048E03,C2 GlcNAcT,5630400D21Rik	0.00018	-3.44942
NM_008129	Gclm,Gclcr	0.00012	-2.20224
NM_008095	Gbas,AV006093,Nipsnap2	8.29E-12	-2.09964
AW108522	Gatm,AT,AI314789,1810003P21Rik	9.36E-06	-1.99381
NM_008088	Gas7,Gas7-cb,AW124766	2.90E-11	-11.08361
NM_019521	Gas6,Gas-6	2.01E-07	-1.92291
AU067654	Garnl4,Gm1561,AU067654,MGC130388,mKIAA1039,RP23-20M18.15	1.28E-17	-5.9138
BB131106	Garnl3,AW120551	1.61E-19	-12.5447
NM_016658	Galt,AW553376	1.20E-06	-3.03645
BB048942	Galnt9,GalNAc-T9,6430598F23	3.07E-07	-7.66268
AF349573	Galnt7,AI225872	4.64E-17	-4.36643
BE995677	Galnt13,BB182356,A230002A12,A230020F20	7.22E-21	-12.99738
NM_144731	Galnf7	1.23E-04	-1.54893
AF326550	Gad2,GAD65,Gad-2	9.32E-06	-1.8681
AF326547	Gad1,EP10,GAD67,Gad-1	1.93E-43	-60.20954
AV348821	Gabrg2,gamma2,GABAA-R,Gabrg-2,AI851231,BB128510	7.23E-21	-10.0367
AF156490	Gabrg1,GabaA,GabaA/BZ,MGC107399	3.08E-09	-3.38692
NM_008072	Gabrd,AI853201	0	-18.78674
BQ175666	Gabrb3,Cp1,Gabrb-3,AW049585,A230092K12Rik	0.00021	-2.09584
NM_008070	Gabrb2,GABA-A,Gabrab2,Gabrb-2	9.80E-11	-2.81857
NM_008069	Gabrb1,Gabrb-1,AW061132	5.07E-28	-11.27484
AF256198	Gabra6,alpha6,Gabra-6	0	-100
BB430205	Gabra4,Gabra-4	0.00002	-2.26579
BB339336	Gabra2,Gabra-2,C630048P16Rik	2.29E-18	-7.99631
Z36357	Gabra1,Gabra-1	0	-23.99959
NM_019439	Gabbr1,GABAbR1,bM573K1.1	3.57E-08	-4.65398
BF160931	Gabarapl2,Gef2,GATE-16,	6.97E-18	-2.47484
AF180518	Gabarapl1,GECl,App8l,	2.37E-16	-2.75378
BB316060	Gababrbp,Marlin-1,5830437M04Rik,C330021K24Rik	9.58E-25	-6.69866
BG072335	G630014P10Rik	0.00003	-2.73187
NM_008059	G0s2,AI255151,AV006465	0.00089	-3.34474
AJ428065	Fyco1,Mem2,RUFY3,ZFYVE7,2810409M01Rik	4.23E-06	-4.5637
NM_019503	Fxyd1,PLM,PML,0610012C17Rik,1110006M24Rik	6.63E-09	-8.40338
AV256803	Fxr1h,Fxr1,Fxr1p,1110050J02Rik,9530073J07Rik	0.00001	-2.57411
BB484070	Fut9,mFUT9,AI746471,AU067636,mFuc-TIX	1.17E-11	-2.05621
AI510221	Fundc2,DC44,HCBP6,4833415N24Rik	0.00053	-2.02687
BB207587	Fuk,AI303278,1110046B12Rik	0.00051	-2.4108
NM_010239	Fth1,FHC,Fth,MFH,AL022624,AL033366	1.53E-08	-2.1666
BB374771	Fstl5,9130207J01Rik	9.99E-12	-3.73589
BB472173	Frmf6,AW212977,2610019M19Rik,4930488L10Rik	0.00015	-2.51179
NM_020009	Frap1,FRAP,flat,mTOR,FRAP2,RAFT1,RAPT1,AI327068,	1.17E-07	-1.82931
BB364488	Foxo3a,Fkhr2,Foxo3,C76856,FKHRL1,1110048B16Rik,2010203A17Rik	3.97E-06	-2.27008
AV026617	Fos,c-fos,D12Rfj1	3.81E-10	-8.72126
NM_016770	Folh1,mopsm	0.00023	-3.60701
AK005096	Fndc5,PeP,Pxp,AI836596,MGC129464,MGC129465,1500001L03Rik	0.00032	-8.30634
BG071234	Fnbp1,FBP1,Fbp17,1110057E06Rik,2210010H06Rik	0.00008	-3.43584
NM_022014	Fn3k,2310074G21Rik	4.88E-07	-5.98129
BB532202	Fmod,SLRR2E,AI131919,AU041740	3.42E-08	-14.07718
BM228488	Fmn2,AU024104	0.00062	-1.68183
BB477613	Flywch1,mKIAA1552,E030034P13Rik	8.29E-10	-3.83451
NM_010229	Flt3,Ly72,CD135,Flk-2,Flt-3,MGC124377,MGC124378,B230315G04	0.0006	-3.70296

NM_010228	Flt1,Flt-1,sFlt1,VEGFR1,VEGFR-1,AI323757	0.00082	-2.97485
BB039519	Flrt1	3.39E-07	-3.66143
BM206272	Flnb,AL024016	1.84E-36	-2.85345
AV269574	Flcn,Bhd,FLCL,AU014660,MGC37841,B430214A04Rik	4.06E-06	-2.57624
NM_008020	Fkbp2,13kDa,mFKBP2,mFKBP13	2.06E-12	-2.07107
BB732903	Fgfr3,HBGFR,Fgfr-3	1.29E-15	-6.08925
BG873440	Fgfr2,Bek,Fgfr7,Fgfr-2,Fgfr-7,KGFRTr	2.04E-07	-2.19064
NM_008008	Fgf7,Kgf	1.30E-21	-3.60713
AV141013	Fgf14,Fhf4,FHF-4,MGC129318,MGC129319,mFHF-4(1B)	5.38E-17	-7.51421
BQ175704	Fgf12,Fhf1,AV114868	3.42E-19	-6.18369
AI649186	Fgf1,Fam,Fgfa,Dffrx,Fgf-1	1.14E-07	-4.66179
BM206792	Fez2,9030616F16,D17ErtD315e	1.55E-07	-2.4087
AU067669	Fez1,UNC76,UNC-76,MGC19293	1.12E-08	-1.88599
AV338062	Fbxw7,AGO,Cdc4,	0	-4.37388
BB315985	Fbxw11,HOS,BTRC2,BTRCP2,	0.00009	-1.65999
NM_023605	Fbxo9,AA986398,9030401P18Rik	2.41E-12	-2.65766
BB126849	Fbxo41,9630017H13,D6ErtD538e	1.23E-06	-4.68353
BM939903	Fbxo33,AI642135,5730501N20Rik	8.09E-08	-2.51367
BG867006	Fbxo3,Fba,AI046358,1200002G09Rik,1700026K02Rik	2.81E-16	-1.8904
BB003473	Fbxo28,Fbx28,	0.00008	-2.07431
BB311718	Fbxo2,FBG1,FBX2,Fbs1,Fbs2,NFB42,MGC54895	3.80E-07	-4.66162
BQ173911	Fbxl5,Fbl4,Fir4	0.00047	-1.71699
BM232403	Fbxl16,BC042620	2.12E-07	-2.04329
AW048300	Fath2,Fat2,Gm523,mKIAA0811	1.57E-26	-11.10876
AV088463	Fath,Fat1,mFat1,AU023433,2310038E12Rik	3.38E-06	-1.91719
AK013476	Faim2,Lfg,NMP25,AI854036,mKIAA0950,2900002L20Rik	2.01E-06	-6.81511
NM_010176	Fah	2.73E-06	-3.37625
BE996238	Fads6,BC044804	1.09E-17	-10.14538
BM235658	Fads3,AI464531	0.00008	-2.69451
BC026831	Fads1,DSD,AI317215,MGC37858,0710001O03Rik,A930006B21Rik	1.80E-07	-2.13795
NM_010174	Fabp3,Mdgi,Fabph1,Fabph4,H-FABP,Fabph-1,Fabph-4	2.76E-14	-7.08162
BC024886	F3,TF,Cf3,Cf-3,CD142,AA409063	7.87E-06	-5.3933
NM_007970	Ezh1,AW557915,mKIAA0388	1.86E-09	-2.41405
BM203810	Extl2,AW146439,3000001D04Rik	1.74E-21	-3.9988
BQ176550	Exph5,Slac2b,slac2-b,	3.93E-29	-12.0595
BF457860	Exoc3,Sec6,Sec6l1,E430013E20Rik	8.74E-06	-1.93012
NM_010161	Evi2a,Evi2,Evi-2,AW491894	1.17E-10	-3.21443
BI456953	Etv3,Pe1,METS,AI414410	0.00016	-1.95007
NM_007960	Etv1,ER81,Etsrp81	2.86E-43	-3.81197
BC005486	Ets2,Ets-2,AU022856	0.00017	-1.62569
BG066916	Etnk1,EKI1,C80956,	0.00004	-1.66291
BM120846	Esrrg,ERR3,Errg,NR3B3,mKIAA0832	0	-24.60435
AI788755	Errfi1,Mig6,AI788755,1300002F13Rik	2.35E-09	-3.85118
BM234652	Ero1l	0.00023	-1.5765
NM_133191	Eps8l2,Eps8r2,AI042819,AW545405	0.00023	-1.74329
NM_007945	Eps8,AW261790	3.01E-18	-4.82941
BG067649	Eps15,2410112D09Rik	0.00012	-2.2906
AF057286	Epn2,lbp2,AA536924,9530051D10Rik	2.24E-08	-2.33494
NM_010145	Ephx1,Eph1,Eph-1,AI195553	0.0001	-2.68699
BB075797	Epha7,Ebk,Ehk3,Mdk1,Cek11,Hek11	0.00021	-3.58208
AF353717	Epdr2,Ucc1,Epdm2,Epdr1,	0.00005	-5.52997

NM_013514	Epb4.9,dematin,AI325486	7.46E-10	-4.22867
BB462549	Epb4.1,4.1R,Elp1,Elp-1,AI415518,KIAA4056,mKIAA4056,D4Ert442e	7.06E-29	-7.60419
BB128925	Eomes,Tbr2,C77258	4.13E-18	-4.40044
AB031037	Eomes,Tbr2,C77258	5.11E-07	-6.12475
BC011294	Enpp5,D17Abb1e,KIAA4152,mKIAA4152	1.24E-39	-8.48625
NM_013509	Eno2,NSE,Eno-2,AI837106,D6Ert4375e	1.95E-30	-28.81452
NM_007931	Endog	0.00055	-3.10253
NM_010134	En2,En-2,BB131122	2.93E-10	-2.52944
BE571790	Emp2,XMP	0.00015	-4.04437
BB650819	Eml5,BC027154,C130068M19Rik	8.95E-10	-2.88963
BG064842	Emb,Gp70,AL022799,MGC21425	0.00045	-3.15991
BC005602	Elovl7,AI840082,9130013K24Rik	5.49E-08	-2.66624
BI738305	Elmod1,4831417L10	9.93E-29	-15.00319
BB123652	Elmo2,CED-12,mKIAA1834,1190002F24Rik	2.29E-07	-4.31092
BC024727	Elmo1,CED-12,AI173001,KIAA0281,	0.00073	-2.44985
AW046689	Elk4,Sap1,BB162516,2310011G17Rik,A130026I01Rik	4.52E-06	-2.66671
BM243464	Elk3,Erp,Net,Etrp,Sap-2,D430049E23Rik	4.17E-09	-1.67042
BM240314	Elf4a2,Elf4,Ddx2b,BM-010,4833432N07Rik	0	-5.05683
AK002778	Elf3s5,AA409853,MGC90606,0610037M02Rik	1.19E-40	-2.89053
AI987871	Elf2c1,Ago1	0.00077	-1.98905
AV328340	Elf2ak2,Prk,Tik,Prkr,AI467567	0.00025	-2.37432
BB471576	Elf1ay,AI426898,1500010B24Rik	8.81E-08	-2.1546
BM234719	Ehd3,Ehd2	4.04E-10	-4.6369
NM_020596	Egr4,NGFIC,NGF1-C,NGFI-C,pAT133	0.00071	-2.61174
NM_007913	Egr1,egr,TIS8,Zenk,Egr-1,NGFIA	4.88E-11	-2.87842
U30244	Efnb2,Epl5,ELF-2,Eplg5,Htk-L,Lerk5,LERK-5,NLERK-1	0.00047	-4.64228
NM_007906	Eef1a2,S1,wst,Eef1a,wasted	3.69E-08	-5.40499
BE956288	Eef1a2,S1,wst,Eef1a,wasted	6.54E-12	-9.36362
AW556344	Eea1,ZFYVE2,A430109M19Rik,B230358H09Rik	0.00038	-2.65985
BB770914	Ednrb,s,ETb,ET-B,ET>B<,Sox10m1,AU022549	0.00063	-2.03571
U70622	Edg2,Kdt2,lpA1,vzg-1,Gpccr26,AI326300,MGC29102,5031439C20	5.05E-09	-6.50741
BB133079	Edg1,lpB1,S1P1,lpB1,AI849002	3.63E-12	-9.90211
AB030185	Edf1,AA409425,0610008L11Rik	0.00015	-1.63825
AK013765	Ecgf1,PDECGF,Pdgfec,PD-ECGF,2900072D10Rik,4930423K06Rik	9.67E-09	-3.50028
AV299725	E130115E03Rik	1.00E-15	-5.53485
BI731047	E130013N09Rik,AI854265,AL022637,AW319638	0	-62.78236
BG066858	E030041M21Rik,C80672,	3.99E-06	-1.67885
AW060797	E030025D05Rik,RP23-398G11.2	0.00004	-2.2403
NM_025975	Dynlt3,Tcte1l,AU042796,2310075M16Rik	5.89E-08	-4.46675
NM_010063	Dync1i1,DIC,IC74,Dncic1	0	-16.56641
BB153808	Dvl1,Dvl,KIAA4029,mKIAA4029	0.00008	-1.78226
AV287497	Dusp3,VHR,T-DSP11,2210015O03Rik,5031436O03Rik	5.56E-28	-3.40255
AF357887	Dusp15,T-DSP10,LMW-DSP10	0.00015	-2.34844
NM_022019	Dusp10,MKP-5,AI158871,2610306G15Rik	2.12E-07	-3.29471
NM_013642	Dusp1,erp,mkp-1,3CH134,Ptpn16,U19515	6.08E-10	-3.35077
X95226	Dtna,A0,Dtn,adbn,a-DB-1	9.62E-35	-8.27395
BG075865	Dscr1l2,AU041093	1.85E-06	-2.23965
NM_030598	Dscr1l1,MCIP2,ZAKI-4	2.80E-45	-15.07141
AK003400	Drd1ip,Calcyon,0710001P07Rik,1110004A22Rik	4.77E-08	-3.61984
AV328546	Dpp6,Rw,Dpp-6,Peplb,D5Buc3,D5Buc4,D5Buc5,ln(5)6H-p	3.93E-07	-3.46795
BQ176414	Dpp10,DPRP3,6430601K09Rik	0	-17.24611

BI249075	Dp1,Reep5,R74856,DP1/TB2,TB2/DP1,AI324241,AU022809	6.27E-28	-4.37544
BB357126	Dos,R29144/1,MGC118572,9630008F14	0.00005	-6.10914
BB389014	Dock9,AA959601,AW538057,Zizimin1,D14Wsu89e	1.06E-24	-18.45601
AK018140	Dock3,PBP,MOCA,mKIAA0299	0.00001	-1.97589
BM117900	Doc2b	1.97E-13	-12.68054
BB130476	Dnm3,AW061159,mKIAA0820,C530045C17	0	-18.45211
BM249101	Dnm1l,Drp1,AI450666,MGC90593,6330417M19Rik	7.88E-07	-1.93234
AF370126	Dner,BET,Bret,MGC39059,A930026D19Rik	3.70E-31	-4.79033
BB020972	Dnajc6,mKIAA0473,2810027M23Rik	6.88E-09	-4.84956
BI685030	Dnajc5,Csp,AU018536,2610314I24Rik	0.00054	-3.19337
BC024335	Dnajc19,Tim14,AA959924,1810055D05Rik	0.00041	-1.96367
NM_025384	Dnajc15,Dnajd1,1110003P16Rik	6.65E-09	-1.98464
NM_013888	Dnajc12,Jdp1,mJDP1	1.91E-08	-2.69148
NM_013760	Dnajb9,Mdg1,mDj7,ERdj4,AA408011,AA673251	4.03E-14	-2.49488
AK006478	Dnajb4,1700029A20Rik,2010306G19Rik,5730460G06Rik	0.00008	-5.49515
BE952491	Dnajb14,5730496F10Rik	4.70E-19	-2.37335
NM_020266	Dnajb10,Hsj1,mDj8,MGC113758,2700059H22Rik	3.28E-08	-8.84423
BQ176119	Dnaja4,Dj4,Hsj4,AV358213,1110021L12Rik	3.73E-06	-5.14256
AK004575	Dnaja3,Tid-1,Tid1l,C81173,1200003J13Rik,1810053A11Rik	1.25E-06	-2.4388
BB283300	Dnaja1,Hsj2,Nedd7	0.00004	-4.38912
AK018275	Dmxl2,mKIAA0856,6330586A12,6430411K14Rik,E130119P06Rik	5.35E-14	-1.6792
AV020965	Dmp1,PP,Dmp,AV020965	7.71E-08	-4.78419
NM_007868	Dmd,mdx,pke,Dp427,DXSmh7,DXSmh9	0.00006	-2.3024
BB263909	Dlgh2,PSD93,Gm1197,A330103J02Rik,B330007M19Rik	8.94E-06	-2.37873
BQ176806	Dlgh1,SAP97,KIAA4187,mKIAA4187,B130052P05Rik	3.08E-42	-3.96855
AK016873	Dlgap1,Gkap,Sapap1,AI845682,	7.43E-06	-3.15992
BB812902	Dleu2,Alt1,Leu2,AI197277,	2.85E-08	-5.70621
AI647805	Dld,AI315664,AI746344	0.00092	-1.69281
BB768194	Dlc1,HP,Arhgap7,STARD12	5.90E-10	-8.38889
AV336908	Dlat,DLTA,PDC-E2,6332404G05Rik	1.39E-09	-2.51278
BB758432	Dixdc1,Ccd1,Ccd1CL,	0.00027	-1.71992
BB023743	Disp2,DispB,AI840597,mKIAA1742,B230210L08Rik	7.31E-14	-3.82597
BM114282	Diras2,AI414999,2900052J15Rik	0	-10.4412
BB361907	Diras1,RIG,Gbts1,Di-Ras1	4.61E-10	-12.5324
BC002232	Dip3b	0	-3.30245
BB794700	Dip2,AI426328,mKIAA0184,Kiaa0184-hp,4931420H10Rik	3.43E-16	-1.84541
AF177196	Dio2,AI324267	4.17E-13	-4.2279
BC014860	Dgkz,mDGK[z],E130307B02Rik	1.55E-07	-2.82077
BB655998	Dgkh,D130015C16,5930402B05Rik	5.96E-09	-3.28778
AI646503	Dgkg,90kDa,Dagk3,AI854428,KIAA4131	4.20E-45	-19.1191
AV274554	Dgke,DGK,DAGK6,C87606	0.00013	-2.44154
BB094429	Dgkd,dgkd-2,AI841987,DGKdelta,KIAA0145,D330025K09	3.65E-14	-1.88995
AK010883	Dfy,FY,GPD,Darc,CCBP1,CD234,ESTM35,AA162249	2.41E-07	-2.46747
NM_021428	Dexi,Myle,AI836170,AW413143,D16Bwg0586e,1810029J14Rik	1.54E-06	-2.15916
BB417749	Derl1,AI195141,AW551338,Derlin-1,1110021N07Rik	0.00005	-1.59559
AV286991	Degs1,Degs,Des1,Mdes,AA536663	1.37E-09	-3.41938
BE952632	Decr2	0.00022	-3.73932
BC009142	Ddx5,p68,Hlr1,G17P1,HUMP68,MGC118083,2600009A06Rik	2.11E-16	-1.93386
U46690	Ddx24,AI649272,1700055J08Rik,2510027P10Rik	2.31E-11	-3.24356
NM_010027	Ddt,C78655	8.48E-20	-3.01469
AY027937	Ddb2,MGC117576,2610043A19Rik	3.88E-06	-3.10739

AW556888	Ddah1,AI987801,AW050362,2410006N07Rik,2510015N06Rik	0.00012	-1.99063
BQ174703	Dcamk1,DCLK,Cpg16,mKIAA0369,1700113D08Rik,2810480F11Rik	2.08E-18	-4.92041
BC018323	Dbp	1.96E-06	-3.84328
NM_007830	Dbi,Acbp,ACBD1	8.30E-14	-2.43249
AB060589	Dbccr1,BRINP,Brinp1	1.67E-28	-7.4469
BC018377	Dao1,DAO,Dao-1,AI987963	1.17E-07	-4.78907
BM231046	Dab2ip,AI480459,KIAA1743,mKIAA1743,2310011D08Rik	4.21E-08	-2.81197
BB429377	Dab1,scm,scr,yot,scrambler,C630028C02Rik	4.00E-14	-8.3556
BQ175902	D9Ert414e,AU019458	0	-25.08558
BB521978	D930005D10Rik,AI536456	0.00026	-5.41455
BC003977	D8Wsu49e,Cda08,AI314457,2310047C21Rik	0.00004	-1.84277
BM195829	D8Ert482e,FLJ00269,MGC100334,mFLJ00269,9830148H23	0.00001	-3.38756
BF468249	D8Ert4354e,AW208455,9430010M12Rik	0.00013	-3.63921
U94988	D8Ert4325e,Nulp1,mKIAA1049,1100001J13Rik,1810041K11Rik	0.00007	-1.64825
BB314814	D7Ert4715e,AU018661	1.15E-06	-1.65479
AV338866	D6Wsu116e,A130095H06,C530005J20Rik	2.85E-33	-3.09105
BQ173985	D630040I23Rik,AW742165	2.18E-06	-2.47291
BB498793	D630023B12Rik,mKIAA1450	0.0003	-1.58376
BQ174740	D630004N19Rik	0.00093	-1.84159
BB335455	D630004K10Rik,AI428890	2.34E-10	-2.53066
BB024620	D5Wsu178e,SELI,	1.05E-07	-2.02286
BG073020	D5Ert4579e,mKIAA0232,9030221A05Rik,A930018H20Rik	7.46E-11	-1.69459
C77487	D5Ert440e,Hype,MGC117722	0.00015	-2.80811
AU067727	D5Buc30e,EST MDB0818	5.12E-08	-9.19682
BG066705	D4Ert4298e	9.09E-07	-2.96695
AI587721	D430034N21	0.00006	-3.32221
BB482650	D430015B01Rik,Precm1,FAM13A1,AI462012	0.00003	-2.36216
BB238462	D3Bwg0562e,PRG-1,mKIAA0455,A330086D10	5.96E-08	-2.52268
BB098407	D330017J20Rik,FAM40B,mKIAA1170	1.17E-37	-16.86273
AW551717	D2Ert4217e,AI663999,1110065P14Rik	3.20E-06	-5.17833
BC019947	D2Bwg0891e,	4.39E-11	-3.77931
NM_133825	D1Ert4622e,AI987691,AW047450	0.00012	-2.67294
BI663634	D19Wsu12e,Fxna,MGC28180,mKIAA1815,D19Ert4410e	4.16E-14	-1.71778
AW125421	D16Wsu65e,AW125421	7.03E-20	-3.69041
NM_138583	D16H22S680E,T10	0.00005	-10.21204
BC022097	D15Wsu75e,AI427858,AI850401	5.60E-07	-2.91506
AV337421	D13Bwg1146e,R7bp,AI842293,A930030I01Rik	2.24E-25	-22.55338
BC019973	D12Ert4771e,2610305M23Rik	6.92E-07	-1.72087
AV225714	D11Wsu99e	2.73E-07	-2.34309
BC026206	D11Ert499e,HSPC009,1810033A19Rik	0.00039	-2.0771
BI156989	D11Bwg0434e,AA571397,2310033H11Rik,RP23-198E14.6	0.0001	-4.89791
NM_138601	D10Jhu81e,ES1,C21orf33	0.00002	-1.91625
AW538011	D10Ert438e,MGC7199,AU019165	6.22E-09	-1.75456
AV347904	D10Ert4214e,AU043990,AW743335	0.0001	-2.40053
BB125269	D10Bwg1379e,mKIAA1244,9630004D11,B930094H20Rik	1.08E-15	-8.93957
BB369191	D0H4S114,P311,PTZ17,SEZ17,AI325076	2.92E-07	-1.8635
NM_133969	Cyp4v3,AU043077,AW111961	0.00054	-2.38413
NM_010010	Cyp46a1,Cyp46	1.01E-06	-4.16134
AF336850	Cyp2j9,8430417E17Rik	2.81E-11	-11.9273
BF683039	Cyp2d22,2D22	1.47E-06	-5.90031
AK013508	Cyld,EAC,CDMT,CYLD1	2.09E-08	-1.9093

BM899392	Cygb,HGb,Staap,3110001K20Rik	2.38E-10	-6.95081
NM_133769	Cyfp2,Pir121,AA930218	6.82E-10	-6.62657
NM_007808	Cycs	6.32E-25	-2.2689
NM_025567	Cyc1,AA408921,2610002H19Rik	0.00002	-1.57185
BC003436	Cxx1a,Mart8b,1110012O05Rik	0.00068	-2.07102
AF252873	Cxcl14,KS1,Kec,	0.00066	-2.03693
AV273804	Cul3,AI467304,AW146203,mKIAA0617	9.82E-09	-2.43308
M14222	Ctsb	0.00001	-2.55537
NM_031249	Cstf2t,64kDa,C77975,tCstF-64	2.26E-10	-1.71184
BB248249	Csdc2,Pippin,AI415250,AI481750	5.12E-07	-3.10315
AB056479	Cs,Cis,2610511A05Rik,9030605P22Rik	8.19E-06	-1.51639
BC010479	Cryz1,2210407J23Rik,2410006O11Rik	4.22E-08	-1.88526
NM_009964	Cryab,Crya2,Crya-2	1.27E-08	-4.76718
BG069864	Cry1,Phl1,AU020726,AU021000	0.00023	-2.18912
NM_019465	Crtam	0	-27.15938
AF369656	Crhr1,Crhr,CRFR1,MGC124237,MGC124240	0.00081	-2.0994
BC027426	Creg1,Creg,AA755314	0.0002	-1.93976
BG070002	Creb3,Luman,C80076,LZIP-1,LZIP-2,AU044960,AW538053	0.00045	-1.77988
BE946238	Cplx2,921-L,AI413745,AW492120	0.0002	-2.41621
BC014803	Cplx1,921-S	0.00004	-2.78643
NM_026252	Cpeb4,AI851572,mKIAA1673,4930447D24Rik	8.00E-07	-6.64059
BB770826	Cpeb3,KIAA0940,mKIAA0940,4831444O18Rik	0.00006	-2.23585
BB235708	Cpeb2,A630055H10Rik	0.00003	-3.6977
NM_007755	Cpeb1,Cpeb,mCPEB,AU024112	4.23E-07	-2.87103
BC010197	Cpe,CPH,fat,Cph1,Cph-1,R74677,MGC7101	2.59E-21	-2.2308
NM_007750	Cox8a,COX8L	1.32E-12	-2.20641
AF037370	Cox7a1,COX7A,COX7AH,COX7AM	0.00015	-3.62842
NM_053071	Cox6c	8.94E-19	-2.06823
NM_025628	Cox6b1,Cox6b,2010000G05Rik	2.60E-14	-1.55458
NM_007748	Cox6a1,VlaL	1.41E-40	-3.10749
AA960638	Cox5b,MGC117683	3.72E-06	-1.89599
NM_007747	Cox5a,CcOX,AA959768	9.73E-06	-1.61584
NM_009941	Cox4i1,Cox4,Cox4a,AL024441	4.69E-25	-2.4851
BM941165	Cox17,AI037035	1.89E-17	-1.53164
AK008096	Cox11,2010004I09Rik	1.11E-06	-1.6791
BC024686	Copg,Copg1,AU019265,BC056168,D6Wsu16e,MGC66965,D6Ert71e	0.00067	-2.92238
AK020301	Col4a3bp,CERT,GPBP,AU016711,2810404O15Rik,9230101K08Rik	8.05E-08	-2.47225
NM_130457	Cntnap4,Caspr4,E130114F09Rik	1.80E-14	-4.10686
NM_017383	Cntn6,NB-3	7.82E-18	-6.92579
AW553181	Cntn4,Axcam,BIG-2A,9630050B05	3.24E-06	-6.79679
AK004399	Cntn1,CNTN,F3cam,AW495098	9.91E-10	-2.9071
BQ177934	Cnr1,CB1,CB>1<	4.87E-36	-3.4656
M58045	Cnp1,Cnp,Cnp-1,CNPase	0.00006	-5.61391
AK017367	Cnm4,Acdp4,5430430O18Rik	0.00067	-2.31933
NM_031396	Cnm1,Acdp1,AI846314	2.68E-14	-8.08548
AV351864	Cnksr3,Magi1,BC024086,MGC37681,6820402C05	7.33E-17	-3.65741
BB355006	Cnksr2,Cnk2,Ksr2,mKIAA0902,C030004A01	5.64E-08	-2.69089
NM_007724	Cnga2,Cnca,Cncg4,OCNC1	3.49E-06	-3.68912
AK013666	Cmtm5,Cklfs5,1500005P16Rik,2900052H21Rik	7.79E-13	-21.50139
NM_023160	Cml1,AI266962,1110002I11Rik	5.65E-13	-9.08316
BB433678	Clu,Cli,ApoJ,Sgp2,SP-40,Sgp-2,Sugp-2,AI893575,D14Ucla3	1.53E-32	-4.35226

BM211219	Cltc,R74732,MGC92975,3110065L21Rik	2.89E-25	-1.74612
AV341395	Clstn3,Cs3,CSTN3,Cst-3,mKIAA0726	1.65E-12	-6.62093
NM_022319	Clstn2,Cs2,CSTN2	6.06E-12	-3.59998
BG065300	Clstn1,Cst-1,Cstn1,1810034E21Rik	0.0001	-3.92807
BQ266254	Clmn,AI428889,KIAA1188,mKIAA1188,9330188N17Rik	0.00086	-3.31429
BQ176424	Clc6,CLIC1L,AL022908,AW045520,Neuronatin,5730466J16Rik	2.68E-08	-5.22757
AW554231	Cldn12	3.62E-08	-1.63086
NM_008770	Cldn11,Osp,Otm,Claudin11,Claudin-11	1.09E-15	-3.29527
BC021770	Cldn10,D14ErtD728e,6720456I16Rik	7.16E-09	-3.09304
BI739053	Clcn3,Clc3	9.38E-07	-2.14739
BI412445	Clcc1,Mclc	1.65E-07	-2.13256
BC026688	Clasp2,mKIAA0627,CLASP2beta,1500004F14Rik	0.00016	-1.88467
NM_009897	Ckmt1,Mt-CK,mi-CK,ScCKmit,UbCKmit	7.46E-17	-24.52443
AF086823	Cit,CRIK,Cit-k,CRIK-SK,citron-N	0.00054	-2.65633
NM_007702	Cidea,AW212747	8.24E-06	-4.27088
BB549997	Chst10,ST,Hnk-1st,AI507003,AU041319	5.60E-08	-1.77689
NM_023850	Chst1,C6ST,Gst1,GST-1,AW125896,KSGAL6ST,2610008E20Rik	0.00057	-2.25027
BF714580	Chrb1,Acrb,Achr-2	8.42E-10	-6.87104
BC016251	Chpt1,MGC28885	9.97E-06	-2.93618
AK006398	Chn2,Bch,ARHGAP3,1700026N20Rik	0	-55.10846
AW121426	Chn1,ARHGAP2,	0.00002	-3.98445
BC011429	Chmp4b,C76846,2010012F05Rik	1.29E-38	-2.16817
BB502545	Chmp1b,2810405I11Rik	0.00005	-9.47594
NM_007697	Chl1,CALL,LICAM2,A530023M13Rik	0.00006	-2.35953
BB546429	Chka,Chk,ChoK,EtnK-alpha,Chetk-alpha	9.06E-07	-1.91913
BG065782	Chic1,Brx	3.23E-08	-2.12933
NM_007694	Chgb,Scg-1	0	-8.92357
NM_007693	Chga	0.00002	-3.27797
BM196962	Ches1,	4.41E-13	-1.93041
AV050650	Chd9,AD013,	0.00014	-1.63171
BB529459	Chd6,5430439G14Rik,6330406J24Rik	3.61E-08	-1.75058
BI692256	Chchd7,1810049H20Rik	2.39E-06	-5.73578
BI694986	Chchd2,Etohi6,AL033347,MGC103085	4.06E-14	-2.14759
AV305616	Cgrf1,CGR19,1110038G02Rik,1810009H17Rik	2.71E-06	-4.47896
BB409331	Cgn1,Jacop,AI503810,4933421H10Rik,9930020M10Rik	0.00028	-2.43993
BI905090	Cerk,AI848610,mKIAA1646,D330016D08Rik	7.76E-07	-2.05527
BB315525	Cep76,9630013E05,6230425F05Rik	3.99E-21	-2.50492
BB182934	Centd1,ARAP2,Gm148,mKIAA0580	8.13E-21	-3.35636
BB109647	Centb2,ACAP2,CNT-B2,mKIAA0041,4832442G16,9530039J15Rik	2.87E-06	-1.56641
BB027654	Cds2,AI854580,D2Wsu127e,5730450N06Rik,5730460C18Rik	7.42E-21	-3.15325
BI152841	Cds1,AI314024,AW125888,4833409J18Rik	2.15E-09	-7.54242
AK014670	Cds1,AI314024,AW125888,4833409J18Rik	9.89E-11	-15.86177
AI464135	Cdkl1,4933411O17Rik	0.0002	-3.35744
BB311117	Cdipt,Pis,Pis1,D7Bwg0575e,9530042F15Rik	3.03E-28	-2.0726
NM_007667	Cdh8,AI851472	0.00002	-2.71312
BF472513	Cdh7,CDH7L1,MGC118246,cadherin 7,9330156F07Rik	2.89E-08	-4.56453
AV327883	Cdh7,CDH7L1,MGC118246,cadherin 7,9330156F07Rik	1.87E-14	-13.71982
AB019618	Cdh22	0.00008	-3.39258
NM_007662	Cdh15,Mcad,Cdh14,AI323380	0.00014	-3.37714
NM_020006	Cdc42ep4,CEP4,Borg4,1500041M20Rik	0.00031	-2.99445
BB012489	Cdc42ep3,UB1,Cep3,Borg2,AA986861,3200001F04Rik	0.00013	-2.83813

BI651416	Cdc42bpg,BC046418	5.67E-06	-2.66431
BM117074	Cdc42bpa,DMPK-like,A930014J19Rik	1.64E-08	-3.14305
BF467211	Cdc42,AI747189,AU018915	8.48E-43	-3.99413
AK016651	Cdc37I1,Harc,Cdc37I,BB159850,2700033A15Rik	0.00013	-2.33947
AK013228	Cdc14b,CDC14B3,Cdc14B1,AA472821,2810432N10Rik,A530086E13Rik	3.14E-07	-5.37619
BC006901	Cdadc1,AI449174,AI463398,BB130816,NYD-SP15,2310010M10Rik	6.92E-06	-3.70161
AK018679	Cd47,IAP,Itgp	3.67E-11	-2.79248
BB700884	Ccr9,Cmkbr10,GPR-9-6	0.00016	-4.16271
AV326194	Ccnh,AI661354,AV102684,AW538719,6330408H09Rik	0.00004	-4.4757
NM_010761	Ccndbp1,Maid,SECC-8,SSEC-8,AU022347	2.49E-13	-3.40708
NM_011336	Ccl27,ALP,	5.52E-06	-3.1525
NM_031161	Cck	3.95E-24	-6.8517
BQ174391	Ccdc39,AI447426,D3Erttd789e,4921507O14Rik	0.00002	-2.14915
AV365721	Ccdc28b,1110002E08Rik,1810010N17Rik	1.59E-08	-1.83327
AV024881	Cbx7,AI851678,D15Erttd417e,1600014J01Rik	6.01E-06	-3.39782
BC019942	Cbx6	9.72E-07	-3.09605
NM_007625	Cbx4,MPC2	3.14E-07	-2.47423
BB800230	Cbln3	1.06E-38	-19.93648
AA016422	Cbln1,AI323299	0	-9.81615
AV327778	Cbfa2t1h,ETO,MTG8	1.25E-14	-9.4077
NM_009814	Casq2,ESTM52,AA033488,AW146219,MGC115896	3.09E-09	-6.00981
BB125515	Car8,	0	-31.27913
X61397	Car8,Cals,Carp,Cals1,AW546993	0	-33.41286
BB193643	Car7,AV343731	9.57E-15	-5.03991
NM_007607	Car4,AW456718	0	-14.20216
NM_009801	Car2,CAlI,Car-2,Ltw-5,Lvtw-5,AI131712	1.36E-19	-5.37732
BC019393	Car11	0.0007	-2.69324
BB124953	Car10,BB085816,2700029L05Rik	5.77E-07	-4.52456
AV261931	Cap2,AV045235,2810452G09Rik	1.29E-17	-10.54857
BB657856	Camta2,mKIAA0909,Kiaa0909-hp,RP23-326P7.7	0.00046	-3.64642
BB558154	Camta1,AI316882,KIAA0833,mKIAA0833	0.0009	-1.94507
AW061083	Camkk2,AW061083,mKIAA0787,6330570N16Rik	1.04E-21	-10.77377
NM_018883	Camkk1,Camkk,AI846603,CaMKKalpha,4732414G09Rik	0.00097	-3.51001
BF660296	Camk4,CaMKIV,AI666733,CaMKIV/Gr,A430110E23Rik	0.00002	-4.24399
BM227770	Camk2g,Camkg,5930429P18Rik	2.49E-06	-3.43593
BM239047	Camk2d,KIAA4163,MGC60852,	1.81E-08	-3.03638
NM_007595	Camk2b,Camk2d,MGC90738	9.79E-17	-7.20353
BG071931	Camk1d,CKLiK,A630059D12Rik,E030025C11Rik	1.48E-19	-8.93329
AF282251	Caln1,Cabp8,MNCb-0849,9630012C17Rik	2.84E-31	-11.4564
BB396904	Calm3,CaMA,R75142	8.80E-20	-2.32578
NM_007589	Calm2,AL024017,1500001E21Rik	2.55E-14	-3.3385
BB058862	Calm1,CaM,Calm,AI256814,AI327027,AI461935,AL024000	3.31E-23	-2.14466
BC017646	Calb2,CR,calretinin	0	-41.47829
AW557885	Calb1,CB,Calb,Calb-1,Brain-2	2.81E-06	-3.49596
AF000969	Cadps2,Cpd2,A230044C21Rik	2.48E-13	-5.6241
NM_012061	Cadps,CAPS,CAPS1,AU067781,MGC90712,mKIAA1121	1.74E-10	-2.24941
BB768064	Cacnb4,Ih,Cchb4,MGC31529,lethargic,3110038O15Rik	0	-17.30972
BB078175	Cacnb2,Cchb2,AW060387,MGC129334,MGC129335	8.23E-08	-6.64195
NM_009785	Cacna2d3,Cacnad3	6.53E-10	-3.33315
AF247139	Cacna2d2,du,td,torpid,Cacna2d,mKIAA0558	4.72E-14	-12.29737
AW494038	Cacna1g,a1G,[a]1G,Cav3.1d,alpha-1G,mKIAA1123	1.00E-10	-9.77716

AB066608	Cacna1a,Ja,tg,EA2,	2.33E-17	-5.00386
AF328140	Cables1,ik3-1,Cables	0.00013	-2.22058
AK014605	Cabc1,AI462003,mKIAA0451,4632432J16Rik	0.0003	-2.5813
BB188557	C920006C10Rik,C76891,BB071175,	2.71E-07	-2.5949
BG067071	C81608	0.00002	-4.80117
C78859	C78859	0.00054	-2.02669
BG066299	C78760	3.81E-07	-2.96727
BB428892	C730029A08Rik	1.30E-12	-7.58901
BG918100	C730026J16	7.86E-06	-2.47414
BB628626	C630007C17Rik	0.00085	-3.11554
AU040402	C630002B14Rik,AU040402,AW540062	1.06E-11	-3.02683
BB307004	C530030P08Rik,C80892	0.00091	-7.95782
BB303415	C330021A05Rik,Rabj,AI639580	0.00004	-4.31078
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BB430142	C330002I19Rik,AI194387	0.00003	-2.79521
AW611444	C230096C10Rik,mKIAA0090	1.80E-08	-5.35077
BC023470	C230093N12Rik,Eeig1,AI426465,MGC38572	9.75E-07	-3.37183
AV317838	C230082I21Rik,AI852513	1.21E-10	-2.10345
AW553275	C230081A13Rik,	1.75E-08	-4.0978
BB529153	C230009H10Rik	0.00002	-2.95431
BM115522	C1qtnf4,CTRP4,0710001E10Rik,9430004J15Rik	0.00046	-3.54379
BB804635	C1ql2,BC040774,MGC49730	9.00E-06	-5.17803
NM_021550	C1galt1c1,C81205,AB030184,1500002I11Rik	1.76E-08	-2.33018
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BB064688	C130076O07Rik,NrCAM,mKIAA0343,C030017F07Rik	1.64E-09	-1.5457
AV320517	C130075A20Rik,AV320517	2.99E-18	-10.20533
BG070093	C130065N10Rik	2.33E-24	-3.3512
BB371179	C130057M05Rik	6.47E-09	-2.50272
AU067634	C130038G02Rik	9.70E-08	-6.54593
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AV173792	C130036G08	1.93E-16	-10.60913
BB360125	C030045D06Rik,AI316880,AI553603	9.09E-17	-5.32396
BQ174247	C030032C09Rik,MGC102232	8.18E-11	-2.48074
BB275118	C030019I05Rik,MGC27121,MGC129498,MGC129499,RP23-370F7.2	0.0003	-4.11189
BE980202	C030009O12Rik,AI835271	6.89E-10	-8.77435
AW494399	C030007I01Rik	9.85E-13	-4.66291
AW322026	Btg1,AW546738	4.68E-06	-1.65133
BG073185	Btbd4,2610019F01Rik,4933406L05Rik	2.89E-08	-8.99303
AV028445	Btbd3,MGC25591,mKIAA0952	8.13E-42	-4.21109
NM_026495	Btbd14a,AI448087,0610020I02Rik,C030048H19Rik	0.00003	-2.23837
BQ176524	Bsn	0.00002	-2.88502
AV327653	Brunol4,Brul4,CELF4,BRUNOL-4,A230070D14Rik,C130060B05Rik	2.45E-13	-3.61816
BC018324	Brp44,ESTM43,AA108335,	1.75E-31	-2.13283
BC008274	Brp17,MR-1,Tahccp2,AI854243,	0.00064	-1.76711
BB412311	Bpnt1,BPntase	0.00033	-1.74412
NM_009760	Bnip3,Nip3	2.64E-14	-4.37567
AK012810	Bmyc,AW060705,2900002K07Rik	9.80E-06	-2.65671
BB698679	Bmpr1b,Alk6,ALK-6,Acvrlk6,BMPR-IB,CFK-43a,AI385617,AV355320	6.60E-15	-3.6275
AV032115	Bmp5,se,AU023399	7.99E-09	-7.2209
NM_016916	Bicap,Bc10,AI462828,MGC102074	1.17E-06	-2.12046
BF134200	Birc4,Aipa,Api3,IAP3,MIHA,XIAP,ILP-1,mXIAP	3.00E-13	-1.74186

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NM_011498	Bhlhb2,CR8,Dec1,Clast5,Sharp2,Stra13,Stra14,C130042M06Rik	1.20E-18	-12.53629
NM_009052	Bex1,Bex4,Rex3,AA407839,AU018692,MGC107097	3.36E-13	-3.4015
AY057913	Bdnf	5.68E-09	-5.20944
BF322712	Bdh,AI327223,2310032J20Rik	0.00002	-1.61239
NM_009745	Bcl7b	2.92E-08	-3.11829
U41465	Bcl6,Bcl5	9.51E-11	-6.93387
BB485989	Bcl2l2,c98,bclw,Bcl-w,Gtrgal2,AW048834,Gtrosa41	7.69E-15	-2.71956
AW047304	Bckdhh	1.70E-06	-1.50789
AA940256	Bcas2,C76366,C80030,MGC7712,AI132645,6430539P16Rik	0.00038	-1.85119
AV094648	Bcap31,Bap31	1.99E-11	-1.8287
AV328953	BC066028	1.70E-07	-5.43858
BQ266886	BC060631,MGC79206,mKIAA0431	1.33E-06	-3.39064
BF682848	BC055107,MGC58343	4.86E-35	-18.17097
BB701297	BC049806,D630010C10	9.48E-15	-4.77824
BE136429	BC044804,---,ESTs,1436355_at	3.40E-08	-5.53366
BI647183	BC038286,MGC47289	0.00018	-2.34086
AI644670	BC034068,1110038O08Rik	1.34E-06	-7.83606
BC016084	BC031181	1.19E-10	-1.50983
AV374294	BC030336,MGC40669	3.18E-08	-1.70813
BB085570	BC027127,MGC38877,9330184N17Rik,RP23-188C13.2	2.29E-09	-4.31275
BM250266	BC026657,Skt,6620402G01Rik,9430077C05Rik,E330027G05Rik	3.25E-07	-5.93051
AV152395	BC024659,2900036K02Rik	8.21E-16	-2.16108
BM210917	BC021395,KIAA4077,MGC29396,MGC36325,mKIAA4077	0.0008	-1.73117
BC020184	BC020184,Reep2,C85440,MGC28827	0.00001	-3.21164
BC008155	BC008155,MGC6974	0.0009	-1.67863
BC006662	BC006662,MGC7867	1.00E-36	-8.16321
NM_030263	BC003498,MGC6957,AI661273	0	-8.01094
AV260123	Bbs5,1700049I01Rik,2700023J09Rik	4.46E-06	-3.01575
C86773	Bbs4,AW537059,AW742241,D9Ert464e	1.05E-08	-1.86914
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BB211804	BB211804	0.00007	-1.97853
BB149026	BB114106	2.33E-17	-4.89335
BG071718	Bat5,NG26,Bat-5,MGC19234,D17H6S82E	2.20E-12	-2.46081
BB429313	Baiap2,IRSp53,R75030	8.86E-09	-4.27205
BE979636	Bai3,MGC107444,A830096D10Rik	0.00064	-1.87575
AF200346	Bace1,C76936	7.58E-07	-2.72864
AF371320	Baalc,2810457D07Rik	3.20E-09	-2.39386
BB349472	B930075F07	0.00004	-1.97884
BG143502	B930013M22Rik,Rreb1,AA414966,1110037N09Rik	0.00018	-3.03676
BG066773	B4galt6,AA536803,AU022389	6.72E-08	-1.98204
AV032053	B3gnt6,iGAT,iGNT,BETA3GNT1,1500032M01Rik	2.94E-10	-2.34932
BB430637	B3galt5,AU045265,b3Galt-V,1190002B21Rik	0.00002	-3.46756
BB827631	B230396K10Rik	6.75E-08	-2.06479
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AI841091	B230343H07Rik	5.68E-08	-7.26492
AI506234	B230343A10Rik	3.06E-11	-12.87675
NM_133898	B230342M21Rik,AI428195	0.00001	-2.81801
BE989070	B230339M05Rik,AI507211,mKIAA1219,9330195P16	0.00005	-1.81558
BM120593	B230337E12Rik,AI115432	1.46E-29	-2.92129

BG063043	B230333C21Rik,AA407619,C230056F04Rik	5.23E-06	-2.09255
NM_019833	B230317C12Rik,PIP49,AB030186,AW209000	4.54E-06	-4.84717
BB376573	B230217C12Rik,AI840637	2.48E-39	-6.56435
BB306696	B230209C24Rik	2.23E-07	-2.77732
BG141977	B230206F22Rik,Ftx,BB219131	6.36E-06	-3.64402
AV234069	B230205M03,MGC130380,MGC130381	1.68E-12	-2.71555
BB476773	B230112C05Rik	3.15E-07	-3.08419
BB303952	B230107K20Rik,BB129864	0.00002	-6.10089
BB431028	B130017P16Rik,R74726,AI462967	0.00004	-4.10093
BB148302	AW320017	9.07E-15	-3.88148
BF715189	AW209491	1.68E-09	-2.08675
BC002154	AW125753,Nse1,2310003N02Rik,4731402F03Rik	6.06E-14	-5.96809
AW123113	AW123113	4.19E-28	-14.62979
BG071867	AW112037	1.49E-13	-3.09264
AV246615	AW061234	3.88E-19	-8.35065
AW046255	AW060742	0.00095	-2.8362
BE947974	AW060394	1.52E-06	-2.70878
BC026642	AW049765,Stap2	0.00084	-4.82538
BB804965	AW049604,TAFAS	0.00005	-2.55827
AV350138	AW046396	4.00E-23	-4.0699
BE995447	AW045895	3.48E-16	-10.52451
BI649826	Avpi1,esu,VIT32,mVIT32,AA410041,2310008N12Rik	0.00009	-5.26678
BB313689	AV344025,AI852629	0	-16.86607
BM213104	AV009015	2.07E-06	-1.98214
NM_016709	Auh,C77140,W91705	1.67E-08	-6.22612
BG068103	AU041783,C86904,KIAA1914,MGC28084,mKIAA1914	7.01E-08	-3.39192
BB079908	AU040829,AI840762,AW493732,6330543G20	2.81E-21	-3.87386
BB783173	Atxn10,E46,Sca10,C77170,AI325283	1.84E-06	-3.0038
BG067317	Atxn1,Atx1,Sca1,C85907,Ataxin-1	4.58E-13	-4.49186
AW555641	Atrn1,Alp,Atrnl,Atrmlp,AI504415,AW555641	0.00064	-2.16547
AW558010	Atrn,mg,Mgca,AW558010,mahogany,mKIAA0548	0.00002	-2.48868
AF011336	Atp9a,IIa,mKIAA0611	6.67E-07	-2.96043
AW125445	Atp8a1,APLT,Atp3a2,Class I,AI481521,AI853962,AW743152,AW822227,K	0.00003	-4.02093
BC020190	Atp6v1g2,NG38,VAG2,Atp6g2,1500002D01Rik	1.34E-40	-10.96853
C85064	Atp6v1e1,E2,P31,Vma4,Atp6e,Atp6e2,Atp6v1e,D6ErtD385e,2410029D23F	9.32E-09	-1.86177
AV105788	Atp6v1d,VATD,Vma8,Atp6m,1110004P10Rik	1.27E-12	-2.13524
AA987147	Atp6v1c1,U13839,1700025B18Rik	0	-3.18569
NM_007509	Atp6v1b2,HO57,Atp6b2,R74844,AI194269,AI790362	2.27E-32	-2.97119
NM_007508	Atp6v1a,VA68,VPP2,Atp6a1,Atp6a2,AI647066,Atp6v1a1	6.53E-23	-3.10022
AV212820	Atp6v0c,Atpl,PL16,VATL,Vma3,Atp6c,Atp6l,Atp6c2,Atpl-rs1	1.98E-06	-1.99499
BB560955	Atp6ap2,M8-9,Atp6ip2,APT6M8-9,ATP6M8-9,5730403E06Rik	3.91E-33	-2.62731
AI316502	Atp6ap1,16A,CF2,ORF,AC45,C7-1,XAP-3,Atp6s1,VATPS1,Atp6ip1,AI3165	1.36E-15	-2.90347
NM_026536	Atp5s,ATPW,facyor B,1110015E18Rik	0.00081	-2.444
NM_013795	Atp5l,MGC107313,MGC107547,4933437C06Rik	7.03E-09	-1.50995
AV154755	Atp5h,0610009D10Rik	1.66E-42	-2.04217
AU080319	Atp5g3,MGC124584,6030447M23	0	-2.23592
NM_007506	Atp5g1	3.82E-20	-1.55564
NM_016774	Atp5b	3.75E-10	-2.08564
BM213627	Atp5a1,Atpm,AI035633,AL022851,AL023067,D18ErtD206e	2.71E-06	-1.61337
BM249918	Atp2c1,HHD,BCPM,SPCA,pmr1,ATP2C1A,AW061228,MGC58010,170012	8.70E-06	-2.40524
BB873703	Atp2b2,dfw,wms,wri,PMCA2,D6Abb2e	2.85E-11	-16.91742

NM_016745	Atp2a3,Serca3,SERCA3b	1.23E-07	-4.27785
NM_009722	Atp2a2,SERCA2,KIAA4195,D5Wsu150e,mKIAA4195,9530097L16Rik	0	-9.31421
NM_013415	Atp1b2,Amog,Atpb-2	7.36E-08	-4.38417
AV152334	Atp1b1,Atpb,Atpb-1	0	-22.28287
BC027114	Atp1a3,Atpa-2,MGC27631,MGC38713,MGC38914,MGC39036	6.11E-09	-16.37683
BC025618	Atp1a1,Atpa-1,BC010319,MGC38419	3.87E-09	-3.23493
BE687891	Atp13a4,4832416L12,4631413J11Rik,9330174J19Rik	2.55E-07	-2.56023
AV378604	Atp11a,Ih,Atpc1h,AU040868,4930558F19Rik	0.00003	-1.74528
NM_016864	Atoh7,Math5	7.82E-07	-8.68515
AW547406	Ate1,AI225793,AW547406	5.50E-08	-1.84516
BQ175377	Asrg1,ALP,ALP1,AU040643,AW060375,2410004D18Rik	3.70E-06	-4.38664
BE956483	Asph,BAH,cl-37,jumbug,Junctin,AI848629,AW261690,AW561901,junctate	0.00023	-1.71717
BC024934	Aspa,Acy2,Acy-2	9.07E-08	-3.41821
BG694892	Ash1l,Ash1,8030453L17Rik,E430018P19Rik	9.52E-09	-1.63212
U09362	Asgr1,Asgr,ASGPR1,Asgr-1	1.34E-06	-5.44938
AF398969	Asb8,AI788835,4930539L19Rik,C430011H06Rik	0.00016	-1.86909
AF403041	Asb13,Asb-13,C85285,2210015B19Rik,6430573K02Rik	5.41E-06	-3.0999
AF403041	Asb13,Asb-13,C85285,2210015B19Rik,6430573K02Rik	0.00014	-3.83156
BI106821	Asah1,NAAA,2210023K21Rik,3830414F09Rik	8.60E-07	-3.23808
AK004614	Arb1,AW208571,MGC124269,MGC124270,1200006I17Rik,G430100A01F	2.45E-07	-8.22033
BB159263	Arpp21	6.11E-06	-4.48967
BG796960	Arpc5l,ARC16-2,AI852867,AW555592,AW742746,2010015J01Rik	6.94E-10	-1.80222
BC011080	Arntl,MOP3,Arnt3,Bmal1,BMAL1b,bmal1b'	7.38E-21	-8.19145
AK004598	Armcx3,ALEX3,AI450003,1200004E24Rik	0.00011	-1.79368
BC021410	Armcx1,ALEX1,3010033I09Rik	1.52E-12	-3.0974
BM232782	Armc8,HSPC056,1200015K23Rik	0.00003	-1.57927
AV233429	Arl8b,gie1,Arl10c,2610313E07Rik,3100002J04Rik	2.05E-09	-2.16496
NM_022992	Arl6ip5,Aip-5,AV001879,Gtrap3-18,5930404D22Rik	2.32E-10	-3.19087
AV334690	Arl6ip2,Aip-2,AA407293,AV334690,2010110I21Rik	6.20E-19	-3.91412
BG064956	Arl5a,Arl5,T25534,AA408731,AW610751,2410015N24Rik,2810410P22Rik	2.13E-14	-1.7577
BI964400	Arl4c,LAK,Arl7,A630084M22Rik	2.81E-07	-7.99932
BI104767	Arih1,ARI,Ari1,HARI,HHARI,UIP77,UBCH7BP,AU021774	1.63E-08	-1.63144
BB271482	Arhgef9,mKIAA0424,A230067K14,9630036L12Rik	4.33E-17	-8.11355
AF343877	Arhgef7,PIX,Pak3bp,p85SPR,p85Cool1,betaPix-b,betaPix-c,mKIAA0142	1.80E-22	-4.62764
BC012262	Arhgef3,C76747,1200004I24Rik,9830169H03Rik	7.80E-09	-11.87406
AV345051	Arhgef10,KIAA0294,mKIAA0294,6430549H08Rik	0.00041	-2.18753
NM_133796	Arhgdia,Gdi-1,RhoDGI,MGC7904,Rho-GDI,MGC101921,5330430M07Rik	2.04E-13	-3.13067
BM248774	Arhgap5,p190-B,D2Mgi50	1.95E-28	-4.12606
BB127065	Arhgap26,AI853435,mKIAA0621,1810044B20Rik,2610010G17Rik,493343	0	-29.7131
BE988299	Arhgap23,4933428G20Rik,A330041B18Rik	1.44E-06	-6.04671
BM213829	Arhgap21,AA416458,ARHGAP10,5530401C11Rik	2.17E-09	-2.04443
BG064038	Arhgap12,2810011M08Rik	2.26E-07	-4.13869
BQ174041	Arfgef2,BIG2,AI463430,AW493672	4.71E-06	-2.44379
BC024935	Arf3,AI854770,5430400P17Rik	0.00008	-2.1442
BG228947	Araf,A-Raf,Araf1,AW495444,1200013E08Rik	9.36E-11	-3.79212
BB193413	Aqp4,MIWC,mMIWC	1.26E-06	-3.05566
NM_007471	App,Adap,Cvap,Abeta,	0.00004	-1.75376
AK013376	Aplp2,AI790698	1.52E-07	-5.41197
AI848048	Aplp1	3.90E-09	-3.25374
AV232784	Aph1b,Aph1c,2310057K14Rik	1.32E-23	-1.50442
AF215896	Apeg1,BPEG,SPEG,AW125581,	0.00013	-3.04435

BG067463	Apbb2,TR2L,Zfra,Rir1,2310007D03Rik	3.09E-11	-3.20792
AF206720	Apbb1,Rir,Fe65	0.0001	-1.79688
BQ174146	Apba1,X11,Mint,Mint1,Lin-10,X11alpha,6430513E09Rik	0.00053	-2.20103
BC027301	Ap3m2,AP-3B,5830445E16Rik	3.54E-07	-2.32854
BC027301	Ap3m2,AP-3B,5830445E16Rik	3.81E-17	-3.76476
BQ175609	Ap2a2,L25,Adtab,C78001,AF006990,AW146353,2410074K14Rik	0.00052	-2.27318
BC008997	Anxa7,Anx7,synexin,AI265384,AI316497	0.00001	-4.64395
D63423	Anxa5,Anx5,R74653	9.88E-07	-2.1139
AK004254	Ankrd46,AI314978,AI987733,1110054N06Rik	0.00002	-1.62449
BB213578	Ankrd40,MGC29030,RP23-65114.1,5530600A18Rik	2.90E-12	-4.23409
AV370837	Ankrd29,Gm95,G630054C21,G630054C21Rik	3.24E-19	-4.4392
BC010245	Ankrd25,MGC7734,AI504612,BC010245,MGC12143	2.37E-28	-13.585
AK017778	Ankrd24,D10Bur2e,4631433D01Rik,5730519E19Rik	6.81E-08	-3.03219
AV104707	Ankrd13c,AI505652	3.69E-06	-1.63996
BB277613	Ankrd12,GAC-1,ANCO-2,AV347965,mKIAA0874,2900001A12Rik	0.00005	-1.89346
AK003438	Ankra2,Ankra,AI450635,AU023827,MGC90650,1110004M18Rik	8.68E-07	-2.11033
BC024959	Ankmy2,ZMYND20,AI035571,MGC18754	0.00011	-1.84754
BQ174638	Ank2,Ank-2,AI835472,AW491075	1.79E-40	-3.87725
NM_031158	Ank1,nb,Ank-1	4.86E-17	-11.89395
NM_020332	Ank,ank,mKIAA1581,D15ErtD221e	1.15E-21	-3.62803
NM_007446	Amy1,Amy-1,C030014B17Rik	0.00002	-4.14199
BG067039	Amot,CAG-2,C81439,D0Kist1,mKIAA1071,E230009N18Rik	9.97E-14	-6.64781
NM_011787	Amfr	0.00008	-1.83661
BM964047	Als2cr15,1700030B17Rik	0.00063	-2.57265
BB128085	Als2,Alsin,Als2cr6,MGC27807,	4.17E-07	-3.39655
BC011281	Alg1,HMT1,HMAT1,MGC18946	0.00078	-4.03681
BC008184	Aldoc,Aldo3,Scrg2,AI847350,AU040929	1.27E-16	-11.0994
BG065457	Aldoa,Aldo1,Aldo-1,MGC107164	5.46E-22	-5.78823
BC012407	Aldh7a1,Atq1,D18Wsu181e	0.00065	-2.97066
NM_134042	Aldh6a1,AI314632,MGC37325,1110038I05Rik	7.80E-09	-3.01457
BQ175320	Aldh5a1,Ahd1,Ahd-1,Ssdh1,6330403E24Rik,D630032B01Rik	2.64E-10	-3.27836
AK007822	Aldh1l1,Fthfd,1810048F20Rik	5.28E-09	-3.94515
NM_013467	Aldh1a1,E1,Ahd2,Ahd-2,Aldh1,Raldh1,Aldh1a2	2.81E-26	-10.65469
BC018236	Alad,Lv	4.44E-06	-3.95606
BI730930	Akap7	0	-3.49098
AI649048	Akap2,AKAP-KL,AA959716,AI649048,B230340M18Rik	2.27E-09	-2.33071
AW555068	Akap11,Gm80,PRKA11,AKAP220,mKIAA0629,6330501D17Rik	2.33E-06	-1.83785
NM_009647	Ak3l1,Ak3,Ak4,Ak-3,Ak-4,D4ErtD274e	8.34E-21	-23.3762
BF472675	AK129341,KIAA1377,mKIAA1377	1.50E-10	-3.60076
NM_021515	Ak1,Ak-1,B430205N08Rik	0.00006	-2.52664
NM_025446	Aig1,CGI-103,AV064870,AW413422,1500031O19Rik	2.86E-10	-2.52518
AI854107	AI854107	0.00018	-1.9361
AV220135	AI850995,9630032O13	3.41E-16	-8.94122
AI848122	AI848122	0.00006	-5.54515
BF457720	AI843190	3.58E-13	-14.35822
BB180412	AI841794,A230084J22	0.00006	-6.6883
AI839402	AI839402,AI848451	9.61E-08	-3.54921
BM232314	AI836758	1.20E-26	-13.21216
BB258019	AI649393	3.14E-07	-3.234
AV327193	AI593442,E130102D23	0.00005	-3.5611
AV024458	AI585793	0.00011	-1.55543

BB191000	AI505012	3.18E-07	-3.28593
AV304145	AI503564	0.0007	-3.9303
BB378591	AI465420	5.34E-30	-4.42929
BG063189	AI464131,Gm762,AA408153,AI604836	0.00091	-4.08584
BB346846	AI449023,9630010N06	3.34E-36	-28.85439
AV039444	AI413582,AI854251,MGC41609	0.00063	-4.3535
BQ175496	AI115600,AI851943	5.61E-06	-1.77702
BE570050	Ahnak,DY6,AA589382,AV091586,1110004P15Rik,2310047C17Rik	0.00007	-2.67273
BC018218	Ahcy1,DCAL,Irbt,AA409031,AA414901,Ahcy-rs3,1110034F20Rik	6.97E-13	-2.87406
AK005060	Agxt2I1,AI195447,1300019H02Rik	1.96E-32	-7.96206
AK015394	Agtppb1,pcd,Nna1,nmf243,BB114605,	7.77E-06	-3.55893
AK018763	Agt,Aogen,AI265500,Serpina8	2.67E-06	-12.97961
AV296997	Agpat3,AW061257,AW493985,D10Jhu12e	2.85E-06	-2.40759
BB524140	Agpat1,1-AGP,1-AGPAT,AW047140	0.00097	-3.2368
AA681807	Agl,C77197,AI850929,1110061O17Rik,9430004C13Rik,9630046L06Rik	0.00021	-2.5152
BB391602	Adrbk2,GRK3,Bark-2,Adrbk-2,AI851927,AW551196,4833444A01Rik	0.00054	-2.2292
BE630294	Adora1,A1R,A1AR,AI848715,BB176431	1.22E-24	-6.12965
BM239842	Add3,R75380,AI463285	0.00019	-2.00023
NM_009624	Adcy9,mKIAA0520	1.17E-07	-10.57217
NM_009623	Adcy8,AC8,AW060868	8.96E-07	-4.73728
AV025455	Adcy2,MGC47193,mKIAA1060	4.62E-07	-2.20497
AI848263	Adcy1,AC1,brl,I-AC,KIAA4070,mKIAA4070,D11Bwg1392e	0	-14.4029
BE993830	Adcy1	2.19E-08	-6.34273
BB527550	Adarb2,RED2,Adar3	2.35E-08	-1.89079
BI734168	Adarb1,RED1,ADAR2,	7.20E-07	-6.92779
AI838132	Adam23,MDC3,AW046396	0.00002	-3.66447
AV207951	Acyp1,AI325944,1110039O14Rik	0.00036	-3.13242
BB396526	Acvr1c,ALK7,Alk-7,ACVRLK7,C230097P10	3.17E-11	-6.17564
BQ043509	Acvr1b,SKR2,ActRIB,ActR-IB,Acvrlk4,6820432J04	0.0006	-1.96421
BB125424	Actr3b,ARP11,Arp3b,AW047569,Arp3beta,MGC91290,9630005C02	4.10E-15	-6.13942
NM_019811	Acss2,ACAS,Acs1,Acas1,Acas2,AceCS1,1110017C11Rik	1.58E-07	-2.2258
BB312460	AcsI6,LACS,Faci6,Lacsl,AW050338,	3.52E-19	-11.81707
AK012088	AcsI3,ACS3,Faci3,C85929,PRO2194,2610510B12Rik	2.58E-07	-1.96459
BC006692	AcsI1,Acs,Acas,FACS,Acas1,Faci2	2.21E-11	-2.58895
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BB183525	Acpl2,BB177120,MGC38214,9430094M07Rik,	1.27E-15	-13.39622
C86680	Acp2,LAP,Acp-2	2.08E-06	-3.10629
AB034914	Acox1,AOX,AI042784,D130055E20Rik	3.83E-09	-1.8742
NM_133348	Acot7,ACT,ACH1,Bach,LACH1,	0.00001	-2.21169
AW060409	Acot11,BFIT,Thea,BFIT1,Them1	2.44E-12	-5.95427
AA034553	Aco2,Aco3,Aco-2,D10Wsu183e	1.93E-06	-1.70835
AK005001	Acbd5,MGC90942,1300014E15Rik	0.00001	-1.63846
AI849317	Acbd4,AI849317,2010009P05Rik,2010015A21Rik	3.56E-12	-4.78393
BB667786	Ablim3,AW990719,KIAA0843,MGC69876,D930036B08Rik	2.82E-07	-4.67316
BG065289	Ablim1,Limab1,abLIM-L,abLIM-M,	0	-9.06127
BC026627	Abi3bp,TARSH,AI506287,BG172926,5033411B22Rik,D930038M13Rik	0.0007	-2.99394
AW912678	Abi1,E3B1,NAP1,MGC6064,Ssh3bp1	5.03E-09	-1.73145
NM_022419	Abhd8,AB030191,0910001L24Rik	0.00003	-7.66666
BQ176347	Abhd6,AA673485,AV065425,0610041D24Rik	0.00001	-3.14514
NM_134130	Abhd3,LABH3,AA675331	0	-10.4505
AY040865	Abcg4,6430517O04Rik	3.57E-06	-2.88318

BM937648	Abca5,ABC13,mKIAA1888,B930033A02Rik	0.00019	-2.52061
BF462185	Abat,l54,X61497,AI255750,9630038C02Rik	4.23E-31	-8.0616
NM_007377	Aatk,AATYK,mKIAA0641	7.47E-06	-4.11771
BF687395	Aass,LKR,LOR,SDH,Lorsdh,LKR/SDH,LOR/SDH	0.00016	-3.61175
AU067724	Aak1,C79663,R75501,	5.72E-31	-5.80049
AV369935	Aadacl1,CPO-BP,B230106I24Rik	0.00002	-2.73038
AV369935	Aadacl1,CPO-BP,B230106I24Rik	9.60E-07	-4.13669
BB365879	AA536749,RIP3,C76423,	9.00E-06	-2.52695
BG063210	AA408213	5.85E-06	-3.68332
BB463084	A930038B10Rik	0.00007	-3.31531
AV348640	A930035E12Rik	2.89E-07	-3.11543
BB281971	A930034L06Rik	0	-22.3957
AI426503	A930031D07Rik,AI850289,A230072B04	4.59E-08	-7.03264
BI732150	A930027K05Rik,PLCL4,PLCeta2,Plc-eta2	4.68E-07	-12.54086
BB279424	A930017M01Rik,Gm305	0.00046	-4.9536
BB193580	A930009L07Rik	0.0007	-2.26048
AV009179	A930005H10Rik	0.00035	-2.63486
BB431047	A930001N09Rik	0.00091	-2.41438
BG073439	A830073O21Rik	3.90E-10	-3.97289
BB024097	A830055N07Rik	4.06E-11	-3.91524
BB269387	A830039N20Rik	4.69E-39	-7.41698
AV327791	A830010M20Rik,AI849226,mKIAA1107	7.27E-06	-2.38106
AV025877	A730098D12Rik,mKIAA1966	0.00015	-1.55857
BB253214	A730056I06Rik,BF642823	4.85E-09	-3.76572
BB449560	A730054J21Rik	0.00057	-4.12606
BQ176471	A730030A06	0.00076	-2.12602
BB274531	A730016F12Rik,KIAA4217,mKIAA4217	0.00004	-5.8172
BB239253	A630025C20Rik,Mlr2,mKIAA1795,3110023F06Rik	0.00009	-2.0919
AW208927	A430105I05Rik,A130052D22	0.00049	-2.37538
AV328226	A330104H05Rik,AI854460,KIAA1189,MGC107206,mKIAA1189	4.00E-15	-21.26622
AV376568	A330068P14Rik,Gm880,Pitpnm3	0.00034	-4.91304
AV325555	A330050F15Rik	5.86E-07	-6.37834
BF469399	A330023F24Rik,C030002C11Rik	9.22E-19	-9.55422
BB185854	A2m,A2mp	2.17E-12	-4.60943
NM_021477	A2bp1,A2bp,fox-1,Hrnbp1	2.70E-31	-4.80923
BM232966	A230083H22Rik,KIAA0367,mKIAA0367,6330414G02Rik	7.08E-26	-6.77857
AV327597	A230069A22Rik	8.23E-07	-3.19992
AV327739	A230058F20Rik	2.97E-07	-2.22761
BE946786	A230052E19Rik	0	-15.75339
BB267264	A230046K03Rik,AA589518,mKIAA1033	0.00001	-1.5706
BQ176089	A130090K04Rik	0	-18.2546
AK002962	A030009H04Rik,AA589459,AB041807,MNCb-2875,2310043C11Rik	5.14E-27	-3.29676
AA673177	A030007L17Rik,AA673177	1.50E-19	-2.62524
BQ176485	A030001O10Rik	0	-9.89977
BM247060	9630058J23Rik,MGC31547	0.00002	-1.73135
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BB667208	9630025C22	0.00056	-4.15068
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BB396674	9430034D17Rik,C80287,AW124770	0.00091	-1.62426
BB527078	9330186A19Rik,cg003,	1.14E-09	-2.54712
AU067633	9330182L06Rik	0	-8.03333
AK020373	9330154F10Rik	6.11E-08	-4.15066
AV024939	9330140K16Rik,Asef,ARHGEF4	3.26E-07	-2.49316
AV024863	9330128J19Rik	0.00028	-1.60576
BB317517	9330118A15Rik	4.66E-33	-11.09558
AK018685	9130422G05Rik,AI450603,AW215585	6.15E-11	-6.26072
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AK008716	9130213B05Rik,W91666,2210012L08Rik	2.10E-12	-6.61142
BC006604	9130213B05Rik,W91666,2210012L08Rik	2.46E-22	-12.96628
BC004630	9130023F12Rik,AU018432,AU019184,RP23-452C23.3	7.27E-07	-1.56061
AI881989	9130017A15Rik,TA-PP2C,AA672638,AI848390	9.74E-35	-2.03326
AK018518	9030418K01Rik,AI851938	7.02E-09	-3.31405
BQ175107	9030409G11Rik,Kazrin,AI256607,AI666764,AW061099,2310007B04Rik	1.15E-07	-8.45234
AV369969	9030204A07Rik	5.57E-07	-2.14269
AV226672	8430421H08Rik	2.61E-15	-3.76199
BM118990	8430419L09Rik,KIAA1467,mKIAA1467	0.00038	-1.56409
AW743000	8030451F13Rik	0.00002	-2.71717
BI080487	7530403E16Rik,AI849033	2.09E-13	-12.92407
AK013740	6530401D17Rik,2900062L11Rik	7.42E-12	-2.96915
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BB184148	6430573F11Rik	1.09E-17	-9.6845
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BE571820	6332401O19Rik	0.00007	-2.28845
AK018248	6330571D19Rik,Tcba1,AW455467	0.00013	-4.33389
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BB311937	6330532G10Rik	3.49E-13	-3.33651
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BB332988	6330509M05Rik,AI450287	2.09E-07	-2.08062
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BM239943	6330505F04Rik,D130066O12,4930535D10Rik	1.47E-08	-1.71575
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AK018204	6330436F06Rik	4.98E-09	-4.72776

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BB013412	6330417G02Rik,AI593226,KIAA4091,mKIAA4091	9.10E-20	-11.44327
AK018153	6330409N04Rik	1.01E-22	-2.4541
BB225226	6330405H19	0.00052	-4.20286
BB131853	6330404F12Rik	3.73E-18	-6.4375
AV257745	6330403M23Rik	0	-2.53645
AV321994	6030439D06Rik	0.00008	-6.70413
BB023525	5930418K15Rik,mKIAA1423	2.57E-09	-1.82396
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AK019917	5330428N10Rik	5.24E-18	-13.25887
BB026256	5330423I11Rik	1.60E-16	-5.71161
BC006690	5330420D20Rik,Ddo,AI467244,5730402C02Rik	0.00005	-3.84313
AK005155	5330410G16Rik	1.32E-17	-9.62741
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BB085906	4933439C20Rik,MGC65558,MGC103350	0.00001	-2.19839
BB477807	4933433P14Rik,FLJ20789	7.75E-20	-2.53936
BE853276	4933431N12Rik,C76116,AI847101,AW490653	0.00023	-2.84414
AK016850	4933417O08Rik,AI839934	2.51E-06	-3.74419
AV280210	4933413A10Rik,Gm450	5.53E-32	-5.86767
BB306202	4933406E20Rik,Ph-4,AI853847,BB128974	2.17E-11	-3.17499
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AV254721	4921513D23Rik	1.56E-07	-2.59601
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C77040	2900092E17Rik,C77040	0.00003	-1.92919
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AK013580	2900024C23Rik,AI315274	1.68E-29	-3.28733
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BC017533	2900001O04Rik,Osrf,AI507072,AW538342,2410099M07Rik	0.00075	-1.59246
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AV230748	2700069A02Rik,AU014748,1010001P15Rik,1700016A15Rik	0.00063	-1.60165
AV368189	2700050F09Rik,Pan3,MGC99847,MGC102350	7.22E-06	-1.52342
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AK010199	2310076G13Rik,AI662228	0.00061	-1.7098
BB197581	2310076G05Rik	3.07E-07	-5.14213
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BC019494	1810015C04Rik,AU015349	3.11E-07	-1.96716
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BE994488	1810006K23Rik	0	-4.56417
BB099635	1700101I19Rik	1.14E-10	-7.31727
AK006295	1700024D23Rik,Trek2,Kcnk10,3010005K24Rik	0.00043	-5.13439
BB778614	1700020I14Rik,AI451541,AI585852,AW538376,AW558897,	0.00002	-1.99479
BC019205	1700020C11Rik,Mtp18,AV005788,RP23-81P12.9,2610507A21Rik	1.26E-07	-3.32185
AK006110	1700019D03Rik,AA410151,MGC58779,2410136C24Rik	0.00066	-3.28463
AA215046	1700019D03Rik,AA410151,MGC58779,2410136C24Rik	1.70E-12	-4.89451
BB427277	1700012H17Rik,AW049855,5031405P22	0.00017	-3.75814
BB546123	1700008O03Rik	1.84E-24	-51.52878
BB749015	1520402A15Rik	0.00005	-3.83344
AK005367	1500037O19Rik	5.43E-29	-12.9079
NM_025892	1500031L02Rik,AI428934,AL022620	1.71E-06	-1.69632
AK005319	1500031I19Rik,AI195361	0	-5.49541
BC017627	1500031H04Rik,Sizn2	1.29E-18	-2.78158
BB131676	1500012D20Rik	1.87E-34	-3.68495
BM219187	1500011H22Rik	0.00018	-1.88161
AK018264	1500011B03Rik,AI415201,AV141149,AW556386	1.22E-07	-2.44763
AK005178	1500009C09Rik	0.00078	-5.4715
BQ174720	1500005P14Rik,AI844915	1.57E-08	-4.19449
BF462791	1500004F05Rik	4.09E-09	-3.03758
NM_019769	1500003O03Rik,Chp,Cahp,Sid470p,AA960066,AI046351	0.00005	-2.52139
BC023032	1500001H12Rik,BM88,AI415214	6.55E-12	-6.5119
AK005046	1300018I17Rik,5DOS1,2410004N05Rik	0.00022	-1.58487
BQ176060	1300010F03Rik,AI957255,mKIAA0564,4932416F07Rik	0.00003	-3.11971
BG297038	1300007C21Rik,gag protein,murine leukemia retrovirus	1.10E-09	-9.33319
AK004898	1300004G08Rik,MGC102273	3.64E-06	-1.87878
BB461323	1200015N20Rik,KIAA1796,mKIAA1796,C030038O19Rik	2.05E-07	-2.96654
AK004786	1200015F23Rik,AI131757	1.25E-20	-3.98443
BC019544	1200015A19Rik	8.71E-07	-1.80024
AK004681	1200009O22Rik,AI316813,mKIAA0644	8.85E-11	-2.83565
BQ175346	1200009B18Rik,Ptx1,AA408438,4930572C01Rik	9.45E-07	-4.48829
AV088109	1200007B05Rik,AI325987	1.59E-06	-1.9361
AV309085	1190002N15Rik	0	-5.60578
BB408123	1190002H23Rik	0.00004	-2.0961
BI965045	1110062M06Rik,AI225852,AW488865	1.58E-10	-4.63109
BB667784	1110059H15Rik,Znf650,AA409735,AA414972,AI646861	7.51E-10	-2.45648
BM898643	1110048D14Rik	0.00018	-1.85097
AK004068	1110033J19Rik,AA407494,MGC59460	8.58E-07	-6.1448
AF365876	1110032A04Rik,ADMP	0.00048	-3.90926
AV217222	1110031B06Rik,RP23-378H5.4	0	-2.32671
AK003981	1110030H18Rik,Svop,AI415691	8.89E-07	-5.75078

BC016234	1110020C13Rik,2010324E22Rik	2.05E-08	-2.882
AK003781	1110018J12Rik,AI426045,AW550781	0.00015	-1.75022
AK003775	1110018F16Rik,AI447221	2.93E-18	-5.9652
BB795266	1110012J17Rik,MGC77963,t8219b25,mKIAA0802,D130071O13	1.84E-14	-2.22045
C79326	1110008P14Rik,C79326	0.00078	-2.70283
BG795169	1110007A06Rik,AJ237586,AW125795,MGC59617,MTA.D02.090	1.21E-11	-1.71045
BB117756	1110006I15Rik,C77652,AA958958	9.49E-08	-2.8329
AK003491	1110006E14Rik	3.42E-17	-6.71328
AK003388	1110003O08Rik	0.0008	-3.27764
NM_133697	1110003E01Rik,MGC7185,1700127H04Rik,5430439C17Rik	0.00032	-1.71522
BM898710	1110002L01Rik	2.07E-08	-2.52494
BC011343	0910001A06Rik,AW122079	5.41E-11	-1.69537
BB170143	0710005M24Rik	2.48E-22	-17.27197
AI314055	0610039N19Rik,MMT-7,C80029,RetSat	3.31E-12	-1.7831
BC003333	0610033I05Rik	0.00003	-2.91692
BC019516	0610009K11Rik,AV000801	0.00021	-2.66731
BE951033	0610007A15Rik,AA690150,AU015616,0610030G03Rik,	0.00002	-3.02513