

Table S1

probe	gene	effect	p.val	FDR
1405_i_at	CCL5	-0.01952	6.52E-06	3.54E-04
177_at	PLD1	0.007132	4.83E-03	0.038547
179_at	PMS2P11	-0.00355	0.004181	0.03494
200002_at	RPL35	-0.00854	0.002121	0.02181
200012_x	RPL21	-0.00459	1.57E-04	3.30E-03
200018_at	RPS13	-0.00605	4.94E-06	2.93E-04
200025_s	RPL27	-0.00461	5.13E-04	0.007777
200028_s	STARD7	0.003465	6.97E-03	0.049511
200032_s	RPL9	-0.0064	2.76E-07	4.74E-05
200036_s	RPL10A	-0.00499	2.69E-03	2.59E-02
200042_at	C22orf28	0.005425	4.89E-04	7.50E-03
200059_s	RHOA	-0.00516	1.15E-03	1.40E-02
200060_s	RNPS1	-0.00593	2.18E-03	0.022259
200061_s	RPS24	-0.00397	1.16E-03	1.41E-02
200062_s	RPL30	-0.007	3.39E-04	0.00575
200063_s	NPM1	-0.00272	7.99E-04	1.07E-02
200067_x	SNX3	-0.00434	3.76E-03	3.26E-02
200080_s	H3F3A	-0.00323	2.92E-03	2.74E-02
200088_x	RPL12	-0.00601	7.26E-05	0.001884
200092_s	RPL37	-0.00414	1.16E-05	5.12E-04
200095_x	RPS10	-0.00566	6.07E-05	1.65E-03
200099_s	RPS3A	-0.00599	8.71E-07	9.75E-05
200616_s	MLEC	0.007719	0.000264	0.004781
200617_at	MLEC	0.008882	2.06E-03	0.021356
200632_s	NDRG1	0.006007	9.29E-05	2.25E-03
200633_at	UBB	0.002901	1.19E-03	1.44E-02
200642_at	SOD1	0.004606	0.00026	0.004722
200644_at	MARCKSL	-0.01176	6.01E-06	3.36E-04
200649_at	NUCB1	0.012227	6.87E-04	9.59E-03
200653_s	CALM1	0.003713	0.000497	0.007581
200657_at	SLC25A5	0.004856	6.68E-04	9.42E-03
200659_s	PHB	0.009807	2.52E-05	0.000869
200660_at	S100A11	-0.0079	3.81E-03	3.28E-02
200661_at	CTSA	0.008777	0.003477	0.030845
200666_s	DNAJB1	0.006355	0.006971	0.049507
200668_s	UBE2D3	-0.00404	3.46E-03	3.07E-02
200670_at	XBP1	-0.00618	3.00E-03	0.02784
200684_s	UBE2L3	0.007127	4.88E-04	0.007482
200686_s	SRSF11	-0.00505	3.90E-03	3.33E-02
200691_s	HSPA9	0.006279	7.14E-04	0.009868
200692_s	HSPA9	0.004043	0.002957	0.027551
200708_at	GOT2	0.004223	5.27E-03	0.040899
200710_at	ACADVL	0.008392	3.32E-03	0.029932
200715_x	RPL13A	-0.00451	1.53E-03	0.017422
200737_at	PGK1	0.007062	2.94E-03	2.75E-02
200741_s	RPS27	-0.00764	1.27E-04	0.002832
200742_s	TPP1	0.007398	8.38E-05	0.002089
200743_s	TPP1	0.006706	0.001651	0.018358
200758_s	NFE2L1	0.010713	5.89E-06	0.000332
200759_x	NFE2L1	0.008091	3.05E-06	0.000211
200767_s	FAM120A	0.008385	3.52E-03	0.031069

200768_s_MAT2A	0.007425	2.79E-06	0.000201
200769_s_MAT2A	0.009607	2.99E-05	0.000975
200781_s_RPS15A	-0.00518	2.86E-03	0.027103
200789_at_ECH1	0.008475	5.04E-04	0.007653
200790_at_ODC1	0.007456	1.47E-04	3.14E-03
200791_s_IQGAP1	-0.007	0.000246	0.004549
200793_s_ACO2	0.014952	9.67E-06	0.00045
200804_at_TMBIM6	0.009184	2.13E-04	0.004109
200806_s_HSPD1	0.007284	8.15E-04	0.010887
200807_s_HSPD1	0.00604	1.49E-05	0.000603
200809_x_RPL12	-0.00564	2.08E-04	0.004021
200815_s_PAFAH1B	0.004121	1.06E-03	1.32E-02
200817_x_RPS10	-0.007	9E-05	0.002209
200827_at_PLOD1	0.008161	0.000239	0.004439
200831_s_SCD	0.007708	5.99E-03	0.044752
200832_s_SCD	0.01423	1.36E-03	0.015951
200833_s_RAP1B	-0.00404	1.31E-03	0.015463
200838_at_CTSB	0.010246	1.63E-04	0.003383
200839_s_CTSB	0.008132	1.30E-05	5.52E-04
200849_s_AHCYL1	0.006853	0.001127	0.013831
200858_s_RPS8	-0.00595	5.90E-05	0.00162
200869_at_RPL18A	-0.01313	0.00304	0.028096
200872_at_S100A10	-0.00721	6.44E-04	9.13E-03
200887_s_STAT1	-0.00761	2.12E-03	0.021818
200895_s_FKBP4	0.006794	0.001803	0.019536
200896_x_HDGF	0.002561	2.42E-03	0.023937
200897_s_PALLD	-0.00582	2.03E-03	0.021215
200902_at_SEP15	-0.00359	3.09E-03	0.028383
200903_s_AHCY	0.012725	9.33E-06	0.000441
200908_s_RPLP2	-0.0051	0.000477	0.007382
200917_s_SRPR	0.00687	7.38E-04	1.01E-02
200924_s_SLC3A2	0.010034	3.72E-05	0.001149
200933_x_RPS4X	-0.00343	8.25E-04	0.011007
200934_at_DEK	-0.00766	1.25E-06	0.000122
200938_s_RERE	0.010713	1.02E-03	1.28E-02
200939_s_RERE	0.00634	6.78E-04	0.009496
200944_s_HMG1	-0.00325	0.004431	0.036262
200946_x_GLUD1	0.008215	1.30E-05	5.52E-04
200947_s_GLUD1	0.00599	0.004865	0.038774
200951_s_CCND2	-0.00763	0.001036	0.013001
200952_s_CCND2	-0.01002	3.77E-03	0.032664
200953_s_CCND2	-0.01534	1.45E-05	0.000596
200954_at_ATP6V0C	0.006001	2.89E-06	2.06E-04
200958_s_SDCBP	-0.00565	0.000132	0.002915
200961_at_SEPHS2	0.005331	0.001884	0.020118
200963_x_RPL31	-0.00477	6.94E-06	0.000369
200971_s_SERP1	-0.00408	0.000864	0.01137
200975_at_PPT1	-0.00486	0.000144	0.003119
200978_at_MDH1	0.005438	3.56E-03	0.031304
200980_s_PDHA1	0.00315	0.005467	0.041821
201000_at_AARS	0.006223	0.001691	0.018635
201007_at_HADHB	0.005514	0.000103	0.00243
201012_at_ANXA1	-0.0135	0.000461	0.00721

201013_s_PAICS	0.006473	7.31E-04	0.010055
201016_at EIF1AX	-0.00643	0.000569	0.008388
201030_x_LDHB	0.003648	8.17E-04	1.09E-02
201034_at ADD3	0.005226	3.83E-03	3.30E-02
201035_s_HADH	0.013619	8.94E-06	0.000437
201036_s_HADH	0.011727	1.6E-05	0.000624
201049_s_RPS18	-0.00646	0.000781	0.010611
201056_at GOLGB1	0.004671	0.000364	0.006056
201060_x_STOM	0.005392	0.000643	0.009124
201061_s_STOM	0.007296	1.6E-05	0.000624
201063_at RCN1	-0.00739	8.20E-04	0.01094
201067_at PSMC2	0.007489	2.19E-03	0.022367
201069_at MMP2	-0.00596	0.006024	0.044923
201089_at ATP6V1B2	0.009569	0.000353	0.00592
201091_s_CBX3	-0.00317	9.09E-04	0.011767
201093_x_SDHA	0.006577	0.000685	0.009583
201094_at RPS29	-0.00551	0.002372	0.023612
201097_s_ARF4	-0.00403	2.21E-03	0.022426
201103_x_NBPF10	-0.00501	2.64E-03	0.025584
201105_at LGALS1	-0.01222	0.004091	0.034355
201110_s_THBS1	-0.00995	0.002795	0.026619
201115_at POLD2	0.007045	4.73E-04	0.007331
201120_s_PGRMC1	0.007774	0.000708	0.009802
201121_s_PGRMC1	0.006175	1.36E-04	0.002974
201127_s_ACLY	0.008163	1.86E-06	0.000157
201135_at ECHS1	0.012809	7.39E-07	8.95E-05
201136_at PLP2	-0.0135	1.54E-04	0.003268
201137_s_HLA-DPB1	-0.01492	2.49E-04	0.004584
201146_at NFE2L2	-0.00425	0.006721	0.048315
201153_s_MBNL1	-0.00818	1.32E-03	0.015572
201155_s_MFN2	0.008419	0.001404	0.016302
201156_s_RAB5C	0.006593	0.006336	0.04658
201157_s_NMT1	0.007259	1.15E-03	0.014066
201158_at NMT1	0.006059	1.21E-03	0.014584
201163_s_IGFBP7	-0.00743	9.23E-06	0.00044
201164_s_PUM1	0.006153	2.44E-03	2.41E-02
201178_at FBXO7	0.004726	0.000714	0.00986
201186_at LRPAP1	0.00587	1.16E-04	0.002641
201188_s_ITPR3	-0.00846	0.001409	0.016317
201193_at IDH1	0.01029	7.00E-05	0.001833
201206_s_RRBP1	0.00591	0.005568	0.042367
201212_at LGMN	0.009401	0.000794	0.010706
201215_at PLS3	-0.0061	7.49E-04	0.010224
201229_s_ARIH2	0.007144	0.004665	0.037628
201255_x_BAT3	0.00785	4.33E-03	0.03581
201257_x_RPS3A	-0.00514	6.96E-06	0.000369
201268_at NME1-NMI	-0.00405	6.59E-03	0.047766
201278_at DAB2	0.004871	2.79E-03	2.66E-02
201279_s_DAB2	0.008733	2.25E-05	0.000795
201280_s_DAB2	0.007661	0.001638	0.018254
201282_at OGDH	0.012275	4.65E-04	7.24E-03
201284_s_APEH	0.007	0.003205	0.029158
201286_at SDC1	0.00828	2.95E-03	0.027535

201288_at ARHGDIB	-0.01231	5.66E-06	0.000325
201291_s_TOP2A	-0.01217	1.13E-04	0.002589
201292_at TOP2A	-0.00685	0.004272	0.035461
201310_s_C5orf13	0.007541	0.001228	0.014773
201312_s_SH3BGR1	-0.00726	5.02E-05	0.001463
201315_x_IFITM2	-0.01267	0.006194	0.045739
201319_at MYL12A	-0.00421	0.000166	0.003414
201339_s_SCP2	0.006029	0.00056	0.008285
201347_x_GRHPR	0.012636	1.11E-06	0.000114
201348_at GPX3	0.007383	7.62E-05	0.001951
201349_at SLC9A3R1	0.009936	5.13E-05	0.001472
201357_s_SF3A1	0.006401	5.10E-03	0.040007
201391_at TRAP1	0.006331	0.000262	0.004746
201392_s_IGF2R	0.008092	0.006979	0.049528
201393_s_IGF2R	0.005768	0.002902	0.027299
201397_at PHGDH	0.006929	2.54E-03	0.024831
201398_s_TRAM1	-0.00559	0.000754	0.010284
201406_at RPL36A	-0.00499	0.004036	0.0341
201415_at GSS	0.005843	0.001471	0.016921
201419_at BAP1	0.006949	0.006066	0.045121
201425_at ALDH2	0.007917	5.34E-05	0.001523
201426_s_VIM	-0.00944	0.000807	0.010802
201432_at CAT	0.007935	0.000134	0.002939
201435_s EIF4E	-0.00441	0.004914	0.039023
201438_at COL6A3	-0.01175	0.000895	0.011593
201491_at AHSA1	0.006474	3.35E-03	0.030097
201506_at TGFBI	-0.01448	1.00E-04	2.38E-03
201508_at IGFBP4	0.011824	7.52E-05	0.001932
201536_at DUSP3	0.007688	0.000109	0.002525
201553_s_LAMP1	0.005033	0.001679	0.01853
201556_s_VAMP2	0.004777	7.58E-04	0.010333
201559_s_CLIC4	0.00694	0.0012	0.014531
201562_s_SORD	0.014638	4.58E-06	0.000282
201563_at SORD	0.011382	4.98E-05	0.001453
201567_s_GOLGA4	0.004219	0.004076	0.034305
201569_s_SAMM50	0.006739	0.000842	0.011155
201570_at SAMM50	0.008462	0.00091	0.011768
201578_at PODXL	0.007728	0.005254	0.040823
201590_x_ANXA2	-0.00896	0.002865	0.027103
201601_x_IFITM1	-0.0113	0.002641	0.02556
201611_s_ICMT	0.009847	0.002656	0.025659
201612_at ALDH9A1	0.005885	0.001321	0.0156
201625_s_INSIG1	0.006632	5.40E-03	0.041551
201640_x_CLPTM1	0.004462	0.00148	0.016999
201649_at UBE2L6	-0.0061	0.000889	0.011565
201651_s_PACSIN2	0.004318	0.0017	0.018714
201666_at TIMP1	-0.01287	0.00291	0.027322
201667_at GJA1	-0.00899	0.006707	0.048238
201668_x_MARCKS	-0.00897	1.12E-05	0.000501
201669_s_MARCKS	-0.01029	0.000676	0.009487
201670_s_MARCKS	-0.0112	1.27E-05	0.000544
201675_at AKAP1	0.006355	5.33E-04	0.00799
201695_s_PNP	0.01132	3.45E-04	0.005831

201702_s_PPP1R10	0.00502	0.005771	0.043494
201707_at_PEX19	0.006998	4.07E-03	0.034265
201708_s_NIPSNAP1	0.010222	0.004088	0.034355
201713_s_RANBP2	0.005262	0.003774	0.032673
201714_at_TUBG1	0.010252	0.000111	0.002557
201719_s_EPB41L2	-0.00893	7.82E-05	0.001988
201720_s_LAPTM5	-0.01368	2.04E-04	0.003966
201721_s_LAPTM5	-0.01515	0.000189	0.003754
201728_s_KIAA0100	0.011057	4.01E-05	0.001218
201729_s_KIAA0100	0.010147	1.31E-04	0.002901
201736_s_MARCH6	0.004336	0.005067	0.039871
201737_s_MARCH6	0.007398	0.000576	0.00844
201739_at_SGK1	0.007292	0.000116	0.002641
201743_at_CD14	-0.00695	0.00363	0.031736
201744_s_LUM	-0.0202	6.76E-05	1.78E-03
201752_s_ADD3	0.00549	1.84E-03	0.01983
201761_at_MTHFD2	-0.00941	0.003499	0.030956
201787_at_FBLN1	-0.0066	0.001784	0.019418
201796_s_VARS	0.007697	0.00066	0.009315
201798_s_MYOF	-0.00947	0.002599	0.02526
201800_s_OSBP	0.009051	0.000541	0.008087
201816_s_GBAS	-0.00543	3.14E-03	0.028761
201830_s_NET1	0.00664	0.002115	0.021785
201838_s_SUPT7L	0.008046	0.000427	0.006793
201848_s_BNIP3	0.007093	0.000557	0.008257
201852_x_COL3A1	-0.0119	0.004292	0.035583
201858_s_SRGN	-0.01098	5.70E-03	0.043062
201859_at_SRGN	-0.01253	0.000225	0.00425
201867_s_TBL1X	0.005974	0.007083	0.049995
201889_at_FAM3C	-0.00605	0.003718	0.032341
201890_at_RRM2	-0.00686	0.005633	0.042731
201891_s_B2M	-0.00581	7.67E-06	0.000393
201900_s_AKR1A1	0.011153	6.42E-05	0.00172
201903_at_UQCRC1	0.008658	0.000525	0.007909
201910_at_FARP1	0.006088	0.000842	0.011155
201924_at_AFF1	0.0042	0.00598	0.044721
201925_s_CD55	-0.00807	0.000618	0.008834
201928_at_PKP4	0.005436	0.003744	0.032505
201931_at_ETFA	0.007371	0.000146	0.003136
201938_at_CDK2AP1	-0.00607	0.000142	0.003084
201951_at_ALCAM	0.007275	0.001216	0.014674
201963_at_ACSL1	0.010912	1.55E-05	0.000614
201968_s_PGM1	0.008392	3.56E-06	0.000238
201971_s_ATP6V1A	0.009887	0.000614	0.008812
201981_at_PAPPA	0.010299	0.000395	0.006428
201982_s_PAPPA	0.005818	0.003554	0.031284
201984_s_EGFR	0.006724	0.000467	0.007262
201994_at_MORF4L2	-0.00443	0.000127	0.002832
202002_at_ACAA2	0.005115	0.004922	0.039054
202003_s_ACAA2	0.010592	2.39E-07	4.29E-05
202016_at_MEST	-0.00681	0.002647	0.025589
202017_at_EPHX1	0.013913	3.21E-07	5.25E-05
202018_s_LTF	-0.02507	0.000231	0.004346

202025_x_ACAA1	0.013789	1.97E-07	3.78E-05
202028_s_RPL38	-0.00372	2.04E-03	0.021275
202032_s_MAN2A2	0.003818	0.001416	0.016374
202045_s_GRLF1	0.006793	0.000226	0.004263
202053_s_ALDH3A2	0.010966	3.28E-06	0.000222
202054_s_ALDH3A2	0.008763	0.000588	0.008539
202065_s_PPFIA1	0.007228	0.00215	0.022037
202074_s_OPTN	0.004325	3.18E-03	0.028941
202087_s_CTSL1	0.006217	0.00018	0.003628
202088_at_SLC39A6	-0.00644	0.000627	0.008929
202104_s_SPG7	0.007445	0.004709	0.037841
202108_at_PEPD	0.018474	1.56E-07	3.38E-05
202111_at_SLC4A2	0.005039	0.000557	0.008257
202122_s_PLIN3	-0.00466	0.006807	0.048714
202130_at_RIOK3	0.006049	0.004406	0.036135
202134_s_WWTR1	0.00688	0.004816	0.038478
202139_at_AKR7A2	0.009551	0.003295	0.029777
202148_s_PYCR1	-0.00611	0.00125	0.014959
202173_s_VEZF1	-0.00376	0.005853	0.043989
202178_at_PRKCZ	0.010254	7.92E-06	0.000397
202181_at_KIAA0247	0.006103	0.002668	0.025738
202185_at_PLOD3	0.006158	0.001495	0.017111
202189_x_PTBP1	0.002536	0.006266	0.046147
202204_s_AMFR	0.005283	0.003504	0.030974
202210_x_GSK3A	0.00435	0.004266	0.035421
202211_at_ARFGAP3	-0.00443	0.003316	0.029932
202217_at_C21orf33	0.010877	3.45E-05	0.001083
202235_at_SLC16A1	0.011362	0.000197	0.003868
202236_s_SLC16A1	0.011511	0.001142	0.013982
202237_at_NNMT	-0.02512	2.26E-06	0.000175
202238_s_NNMT	-0.02062	6.09E-06	0.000338
202242_at_TSPAN7	0.008639	0.000354	0.005924
202250_s_DCAF8	0.007307	0.001085	0.013471
202255_s_SIPA1L1	0.008206	1.39E-04	3.03E-03
202256_at_CD2BP2	0.006294	8.12E-04	0.010856
202265_at_BMI1	-0.00791	4.83E-04	0.007433
202267_at_LAMC2	-0.00655	0.002199	0.022384
202272_s_FBXO28	0.008088	0.000366	0.006065
202280_at	0.005881	0.002478	0.024404
202295_s_CTSH	0.010017	8.21E-06	0.000408
202299_s_HBXIP	0.006666	0.000556	0.008257
202300_at_HBXIP	0.008321	0.000459	0.007198
202307_s_TAP1	-0.00758	0.000521	0.007858
202309_at_MTHFD1	0.008496	1.53E-05	0.000612
202310_s_COL1A1	-0.01132	0.005886	0.044131
202311_s_COL1A1	-0.00755	0.000463	0.007221
202315_s_BCR	0.007232	0.003781	0.032699
202316_x_UBE4B	0.008677	5.43E-03	0.041721
202317_s_UBE4B	0.005548	0.001756	0.01918
202331_at_BCKDHA	0.004502	0.004849	0.038673
202340_x_NR4A1	0.006508	6.71E-03	0.048238
202350_s_MATN2	-0.00904	0.001267	0.015134
202365_at_UNC119B	0.006241	0.001342	0.015782

202367_at CUX1	0.007563	0.000693	0.009656
202376_at SERPINA3	-0.0131	4.10E-03	0.034395
202382_s_GNPDA1	0.007252	0.003352	0.030105
202388_at RGS2	-0.01055	0.000396	0.006428
202391_at BASP1	-0.01812	2.12E-05	0.000766
202403_s_COL1A2	-0.01175	0.003778	0.032688
202404_s_COL1A2	-0.01961	3.22E-05	0.00103
202416_at DNAJC7	0.005675	0.000933	0.012002
202422_s_ACSL4	-0.01368	1.35E-06	0.000129
202430_s_PLSCR1	-0.01149	1.63E-05	0.000629
202433_at SLC35B1	0.004753	2.06E-03	0.021356
202435_s_CYP1B1	-0.01145	0.000329	0.005628
202436_s_CYP1B1	-0.01177	2.27E-03	0.022923
202437_s_CYP1B1	-0.01443	6.46E-06	0.000353
202441_at ERLIN1	0.004773	0.005021	0.039608
202446_s_PLSCR1	-0.01042	5.54E-06	0.000321
202447_at DECR1	0.006222	0.000101	0.002391
202449_s_RXRA	0.009158	1.61E-06	0.000144
202450_s_CTSK	-0.01106	0.000575	0.008435
202454_s_ERBB3	0.008202	0.000101	0.002397
202456_s_ZER1	0.006628	0.002984	0.027709
202471_s_IDH3G	0.00923	4.75E-04	0.007355
202486_at AFG3L2	0.005832	0.000527	0.007929
202488_s_FXYD3	-0.00622	0.004405	0.036135
202489_s_FXYD3	-0.01113	7.43E-04	0.010162
202503_s_KIAA0101	-0.01244	1.72E-07	3.51E-05
202504_at TRIM29	-0.0095	9.52E-04	0.012173
202524_s_SPOCK2	0.008236	0.003504	0.030974
202532_s_DHFR	0.012135	4.91E-05	0.001437
202549_at VAPB	0.007867	0.005741	0.043337
202590_s_PDK2	0.015288	4.6E-07	6.53E-05
202598_at S100A13	-0.01111	7.68E-05	0.001963
202616_s_MECP2	0.004817	5.37E-03	0.04145
202622_s_ATXN2	0.003641	0.004149	0.034747
202625_at LYN	-0.01217	3.8E-05	0.001171
202626_s_LYN	-0.0071	0.003057	0.028188
202661_at ITPR2	0.007612	0.00166	0.018411
202662_s_ITPR2	0.005535	0.003671	0.032021
202663_at WIPF1	-0.00506	0.003611	0.031606
202664_at WIPF1	-0.00785	0.004415	0.036169
202675_at SDHB	0.00749	0.002536	0.024815
202685_s_AXL	-0.00637	0.001144	0.013998
202709_at FMOD	-0.00677	0.001951	0.020654
202729_s_LTBP1	-0.01159	4.58E-04	0.007189
202733_at P4HA2	0.016502	6.02E-09	6.19E-06
202735_at EBP	0.006094	0.000715	0.009868
202740_at ABHD14A	0.019929	5.24E-07	7.25E-05
202741_at PRKACB	-0.00684	0.000938	0.012053
202746_at ITM2A	-0.01205	8.66E-06	0.000426
202748_at GBP2	-0.01233	0.00016	0.003355
202751_at TFIP11	0.004495	0.002355	0.023534
202752_x_SLC7A8	0.020584	1.42E-05	0.000587
202767_at ACP2	0.005988	0.00256	0.025008

202772_at HMGCL	0.008535	0.000367	0.00607
202783_at NNT	0.009813	6.29E-05	0.001699
202784_s_NNT	0.007354	3.85E-05	0.001182
202786_at STK39	-0.00642	0.002864	0.027103
202792_s_PPP6R2	0.007283	0.004686	0.037737
202795_x_TRIOBP	-0.00488	0.002688	0.025886
202800_at SLC1A3	-0.00843	0.005321	0.041157
202807_s_TOM1	0.005437	4.59E-03	0.037169
202814_s_HEXIM1	0.007782	0.000386	0.006312
202815_s_HEXIM1	0.006043	1.48E-03	0.016987
202820_at AHR	-0.01028	0.000561	0.008288
202825_at SLC25A4	0.005414	0.004088	0.034355
202830_s_SLC37A4	0.013723	6.22E-07	8.02E-05
202833_s_SERPINA1	0.01499	8.64E-07	9.75E-05
202834_at AGT	0.017008	7.08E-07	8.67E-05
202847_at PCK2	0.017703	1.05E-07	2.73E-05
202853_s_RYK	-0.00613	0.000158	0.003303
202861_at PER1	0.007991	0.000844	0.011167
202862_at FAH	0.016382	7.52E-06	0.000389
202863_at SP100	-0.00696	9.61E-04	0.012271
202864_s_SP100	-0.00569	0.004296	0.035601
202866_at DNAJB12	0.005694	0.001543	0.017477
202867_s_DNAJB12	0.008347	0.000731	0.010055
202872_at ATP6V1C1	0.007752	0.001365	0.015967
202873_at ATP6V1C1	0.007305	0.000311	0.005385
202876_s_PBX2	0.004874	0.002023	0.021165
202888_s_ANPEP	0.015684	7.69E-06	0.000393
202889_x_MAP7	0.012698	4.03E-07	6.07E-05
202891_at NIT1	0.007325	0.000167	0.003427
202895_s_SIRPA	0.008065	0.001668	0.01848
202898_at SDC3	-0.00932	2.03E-05	0.000742
202901_x_CTSS	-0.01293	1.7E-06	0.00015
202902_s_CTSS	-0.01616	1E-05	0.000463
202910_s_CD97	-0.00413	0.00604	0.045014
202920_at ANK2	0.018113	2.67E-05	0.000909
202921_s_ANK2	0.018747	1.81E-05	0.00068
202923_s_GCLC	0.006524	0.003851	0.03309
202924_s_PLAGL2	0.006732	0.001374	0.016014
202925_s_PLAGL2	0.005246	0.00193	0.02048
202931_x_BIN1	0.010121	6.11E-05	0.001661
202941_at NDUFV2	0.005494	0.005371	0.04145
202942_at ETFB	0.009906	0.000291	0.005129
202947_s_GYPC	-0.00905	0.001578	0.017735
202949_s_FHL2	-0.01115	0.000707	0.0098
202953_at C1QB	-0.01151	0.002419	0.02395
202957_at HCLS1	-0.016	1.53E-05	0.000613
202962_at KIF13B	0.009734	2.26E-06	0.000175
202965_s_CAPN6	-0.01432	7.91E-05	0.001998
202966_at CAPN6	-0.01156	0.000223	0.004232
202970_at DYRK2	-0.00531	0.003842	0.033042
202972_s_FAM13A	0.005174	0.000968	0.012323
202974_at MPP1	0.010237	0.000529	0.00795
202982_s_ACOT1	0.015124	5.08E-05	0.001469

202988_s_RGS1	-0.0158	0.000498	0.007598
202992_at C7	-0.01263	0.000542	0.008091
203015_s_S SX2IP	0.00724	0.003818	0.032911
203017_s_S SX2IP	0.00675	0.004978	0.039307
203021_at SLPI	-0.0189	1.55E-03	0.017479
203030_s_PTPRN2	-0.00911	0.004904	0.038995
203032_s_FH	0.008186	0.006087	0.045227
203033_x_FH	0.005805	0.00037	0.006099
203036_s_MTSS1	0.009038	3.06E-05	0.000991
203039_s_NDUFS1	0.006929	0.002001	0.021045
203049_s_TTC37	-0.00619	0.004232	0.035234
203064_s_FOXK2	0.004997	0.006083	0.045217
203071_at SEMA3B	0.007015	0.000568	0.008368
203080_s_BAZ2B	-0.00555	0.006607	0.047895
203096_s_RAPGEF2	0.008236	0.002818	0.026747
203122_at TTC15	0.007635	0.001643	0.018282
203126_at IMPA2	0.008266	0.005859	0.043993
203129_s_KIF5C	-0.00665	0.002299	0.023115
203131_at PDGFRA	-0.01253	0.004047	0.034142
203132_at RB1	-0.01099	5.09E-05	0.001469
203137_at WTAP	-0.00533	0.001688	0.018614
203145_at SPAG5	0.018719	1.11E-06	0.000114
203147_s_TRIM14	0.00856	0.000163	0.003384
203148_s_TRIM14	0.006214	3.58E-03	0.031475
203149_at PVRL2	0.006201	0.005826	0.043818
203154_s_PAK4	0.006761	0.000193	0.003803
203157_s_GLS	0.011116	3.26E-05	0.001041
203158_s_GLS	0.012884	4.74E-08	1.88E-05
203159_at GLS	0.009368	3.61E-06	0.00024
203164_at SLC33A1	0.006512	0.000442	0.006976
203166_at CFDP1	0.006262	0.00012	0.002706
203173_s_C16orf62	0.005726	0.006012	0.044868
203178_at GATM	0.009567	0.00409	0.034355
203179_at GALT	0.006174	0.001673	0.018504
203185_at RASSF2	-0.01065	1.55E-04	0.003268
203186_s_S100A4	-0.01069	0.004538	0.036896
203188_at B3GNT1	0.008993	1.52E-05	0.00061
203192_at ABCB6	0.009591	6.22E-05	0.001685
203207_s_MTFR1	0.010207	2.83E-05	0.000944
203208_s_MTFR1	0.006972	0.001282	0.015257
203213_at CDK1	-0.00685	0.000841	0.011149
203215_s_MYO6	0.00546	0.000309	0.00537
203217_s_ST3GAL5	-0.00914	0.002784	0.026579
203220_s_TLE1	-0.00675	0.004923	0.039054
203221_at TLE1	-0.0085	0.001042	0.01305
203236_s_LGALS9	-0.0069	3.29E-05	0.001046
203244_at PEX5	0.008897	0.000371	0.006104
203256_at CDH3	-0.01178	0.00011	0.002548
203265_s_MAP2K4	0.004726	0.005456	0.041777
203278_s_PHF21A	-0.00474	0.006373	0.04678
203280_at SAFB2	0.004103	0.00222	0.022506
203294_s_LMAN1	0.007087	0.002313	0.023227
203300_x_AP1S2	-0.00897	0.001144	0.013997

203302_at DCK	-0.01206	3.22E-05	0.00103
203315_at NCK2	-0.00515	0.004357	0.03593
203316_s_SNRPE	-0.00375	0.001324	0.015612
203321_s_ADNP2	0.005547	0.000593	0.008594
203329_at PTPRM	0.002702	0.004662	0.037627
203332_s_INPP5D	-0.00848	0.000209	0.004045
203335_at PHYH	0.009115	0.000614	0.008807
203350_at AP1G1	0.004498	0.000271	0.004875
203381_s_APOE	0.017962	3.46E-05	0.001084
203382_s_APOE	0.012398	2.84E-05	0.000945
203385_at DGKA	-0.01704	4.01E-05	0.001218
203393_at HES1	-0.00561	0.002204	0.022408
203397_s_GALNT3	-0.00951	0.000628	0.008941
203402_at KCNAB2	0.010512	4.54E-06	0.000281
203414_at MMD	-0.00579	0.003697	0.032197
203416_at CD53	-0.02288	7.08E-07	8.67E-05
203423_at RBP1	-0.01195	3.08E-06	0.000213
203424_s_IGFBP5	0.009373	0.004012	0.033993
203425_s_IGFBP5	0.010745	0.000787	0.010652
203431_s_ARHGAP3	0.008109	0.000954	0.01219
203433_at MTHFS	0.009321	9.37E-06	0.000441
203434_s_MME	0.019818	3.83E-07	5.93E-05
203435_s_MME	0.020199	6.06E-08	2.33E-05
203438_at STC2	0.010507	0.001157	0.014097
203439_s_STC2	0.008383	6.45E-05	0.001724
203440_at CDH2	0.008355	0.002447	0.024172
203441_s_CDH2	0.011701	7.95E-08	2.62E-05
203455_s_SAT1	-0.00404	2.81E-03	0.026714
203466_at MPV17	0.007344	0.001889	0.020154
203471_s_PLEK	-0.01455	4.6E-06	0.000282
203476_at TPBG	-0.00956	0.000974	0.012378
203493_s_CEP57	-0.00737	0.001247	0.014954
203500_at GCDH	0.009252	0.000356	0.005952
203504_s_ABCA1	0.007474	0.003326	0.029996
203508_at TNFRSF1E	-0.00793	0.000769	0.010466
203516_at SNTA1	0.005348	0.004143	0.03472
203523_at LSP1	-0.00701	0.005551	0.042291
203532_x_CUL5	0.005188	0.006512	0.047394
203535_at S100A9	-0.00876	0.000155	0.003278
203536_s_CIAO1	0.006125	0.000427	0.006793
203537_at PRPSAP2	0.006297	0.004303	0.035622
203542_s_KLF9	0.009751	0.0002	0.003914
203543_s_KLF9	0.011145	0.000313	0.005398
203546_at IPO13	0.009759	6.03E-05	0.001644
203547_at CD4	-0.0083	0.001145	0.013998
203554_x_PTTG1	-0.00688	0.004303	0.035622
203559_s_ABP1	0.025915	1.63E-08	1.04E-05
203560_at GGH	0.01544	9.72E-06	0.000451
203561_at FCGR2A	-0.00897	0.003472	0.030814
203603_s_ZEB2	-0.01349	5.85E-05	0.001614
203606_at NDUFS6	0.003787	0.00132	0.0156
203608_at ALDH5A1	0.012579	0.000122	0.002756
203609_s_ALDH5A1	0.00899	0.000134	0.00294

203619_s_FAIM2	-0.00756	1.73E-05	0.00066
203627_at_IGF1R	0.011541	9.02E-06	0.000437
203628_at_IGF1R	0.010993	6.32E-07	8.09E-05
203633_at_CPT1A	0.004605	0.001532	0.017422
203634_s_CPT1A	0.01032	0.000188	0.003738
203638_s_FGFR2	0.007832	0.001077	0.013384
203639_s_FGFR2	0.010963	8.58E-05	0.002126
203644_s_MON1B	0.004016	0.00261	0.02534
203645_s_CD163	-0.01537	9.52E-06	0.000445
203658_at_SLC25A20	0.010316	0.002167	0.022182
203659_s_TRIM13	0.00646	0.003985	0.033818
203660_s_PCNT	0.006594	0.001834	0.019754
203665_at_HMOX1	0.007438	0.006997	0.049561
203671_at_TPMT	0.01047	2.18E-06	0.000171
203672_x_TPMT	0.005216	1.27E-03	0.015165
203676_at_GNS	0.007794	0.001115	0.013741
203682_s_IVD	0.009992	5.81E-05	0.00161
203684_s_BCL2	0.007703	0.00209	0.021582
203691_at_PI3	-0.00542	0.003934	0.033539
203697_at_FRZB	-0.00921	0.001665	0.018461
203699_s_DIO2	0.013593	9.38E-05	0.002268
203700_s_DIO2	0.007791	0.000276	0.004933
203704_s_RREB1	0.006642	0.003395	0.030299
203708_at_PDE4B	-0.00951	0.001304	0.015449
203711_s_HIBCH	0.010448	0.000275	0.004929
203716_s_DPP4	0.015297	1.62E-06	0.000144
203717_at_DPP4	0.012638	3.91E-05	0.001193
203718_at_PNPLA6	0.0044	4.49E-03	0.036611
203722_at_ALDH4A1	0.014503	1.93E-05	0.000712
203725_at_GADD45A	0.007801	9.48E-05	0.002284
203727_at_SKIV2L	0.005106	0.0003	0.005246
203733_at_DEXI	0.005872	0.002384	0.023703
203741_s_ADCY7	-0.00841	0.000447	0.007043
203753_at_TCF4	-0.00864	0.005172	0.040319
203756_at_ARHGEF1	0.004754	0.004971	0.039266
203760_s_SLA	-0.00628	0.001207	0.014589
203761_at_SLA	-0.01014	0.001481	0.017001
203764_at_DLGAP5	-0.00536	2.48E-03	0.024392
203765_at_GCA	-0.00637	7.91E-05	0.001998
203775_at_SLC25A13	0.008563	0.001147	0.014001
203780_at_MPZL2	-0.00831	0.001543	0.017477
203784_s_DDX28	-0.00507	0.000442	0.006976
203786_s_TPD52L1	-0.00784	0.001531	0.017422
203787_at_SSBP2	-0.00788	0.001009	0.012721
203790_s_HRSP12	0.016292	4.74E-06	0.000286
203793_x_PCGF2	0.006962	0.003445	0.030625
203799_at_CD302	-0.01169	4.06E-05	0.001229
203803_at_PCYOX1	0.009728	0.004908	0.038995
203808_at_AKT2	0.005907	0.005502	0.042017
203809_s_AKT2	0.010523	0.000188	0.003744
203814_s_NQO2	0.017152	2.56E-06	0.000188
203818_s_SF3A3	0.007883	0.00033	0.005628
203824_at_TSPAN8	-0.011	0.006047	0.045037

203827_at WIP11	0.005593	0.004204	0.035091
203834_s_TGOLN2	0.008976	0.000128	0.002852
203854_at CFI	0.011518	5.1E-05	0.001469
203860_at PCCA	0.006899	7.79E-05	0.001986
203892_at WFDC2	-0.01872	1.61E-06	0.000144
203895_at PLCB4	-0.00903	0.000491	0.007508
203896_s_PLCB4	-0.00913	0.000951	0.012167
203900_at KIAA0467	0.006301	3.5E-05	0.001095
203903_s_HEPH	-0.00821	0.002058	0.02135
203907_s_IQSEC1	0.006135	0.002264	0.022851
203908_at SLC4A4	0.017031	9.74E-06	0.000451
203914_x_HPGD	0.010837	0.006211	0.045797
203922_s_CYBB	-1.29E-02	0.000525	0.007909
203923_s_CYBB	-0.01427	3.9E-05	0.001192
203924_at GSTA1	0.021795	6.69E-06	0.00036
203927_at NFKBIE	-0.00505	0.000347	0.00585
203928_x_MAPT	0.016076	4.76E-06	0.000286
203929_s_MAPT	0.017485	2.2E-07	4.05E-05
203930_s_MAPT	0.021368	1.39E-05	0.00058
203932_at HLA-DMB	-0.01066	0.000106	0.002474
203933_at RAB11FIP	0.009466	3.08E-05	0.000997
203950_s_CLCN6	0.010311	0.000204	0.003966
203955_at KIAA0649	0.007839	0.000575	0.008435
203959_s_ZBTB40	0.009156	0.000362	0.006034
203961_at NEBL	0.008692	0.000393	0.006416
203962_s_NEBL	0.008635	0.004681	0.037714
203964_at NMI	-0.00883	1.5E-05	0.000606
203971_at SLC31A1	0.006526	0.0005	0.007612
203978_at NUBP1	0.004844	0.004443	0.036322
203979_at CYP27A1	0.009641	5.8E-06	0.00033
203986_at FAM47E	0.009949	2.7E-06	0.000196
204017_at KDELR3	-0.00948	0.001777	0.019369
204018_x_HBA1	-0.02112	8.05E-05	0.002025
204036_at LPAR1	-0.01356	1.34E-05	0.000564
204037_at LPAR1	-0.01177	0.000178	0.003608
204041_at MAOB	0.011638	3.57E-06	0.000238
204043_at TCN2	0.010676	0.000259	0.004701
204044_at QPRT	0.013942	1.6E-05	0.000624
204046_at PLCB2	-0.00479	0.002502	0.024549
204057_at IRF8	-0.01291	1.17E-06	0.000118
204066_s_AGAP1	0.013824	4.54E-06	0.000281
204067_at SUOX	0.008554	0.000603	0.0087
204115_at GNG11	-0.00752	0.000215	0.004125
204116_at IL2RG	-0.01415	0.000439	0.006939
204118_at CD48	-0.02689	2.08E-07	3.97E-05
204122_at TYROBP	-0.01554	8.46E-05	0.002106
204125_at NDUFAF1	0.008299	0.000554	0.008237
204130_at HSD11B2	0.010956	0.000429	0.006809
204137_at GPR137B	0.011361	0.000186	0.003706
204142_at ENOSF1	0.009518	0.000312	0.005398
204143_s_ENOSF1	0.009848	4.64E-05	0.001368
204153_s_MFNG	-0.00584	0.000798	0.010723
204155_s_SIK3	0.006808	0.001798	0.019502

204157_s_SIK3	0.008653	0.000687	0.009594
204158_s_TCIRG1	-0.00578	0.004645	0.03753
204164_at_SIPA1	-0.00369	0.003151	0.028761
204167_at_BTD	0.012056	0.000105	0.00246
204168_at_MGST2	0.004876	0.000551	0.0082
204174_at_ALOX5AP	-0.01239	0.002785	0.026579
204177_s_KLHL20	0.005539	0.001058	0.013191
204192_at_CD37	-0.00777	0.001446	0.016664
204194_at_BACH1	-0.00559	0.005375	0.04145
204204_at_SLC31A2	0.0106	0.000408	0.006572
204205_at_APOBEC3	-0.01735	4.52E-07	6.52E-05
204220_at_GMFG	-0.0127	0.00048	0.007408
204222_s_GLIPR1	-0.01279	2.86E-05	0.00095
204224_s_GCH1	0.01304	2.96E-05	0.000973
204231_s_FAAH	0.010113	0.000117	0.002662
204232_at_FCER1G	-0.01961	2.39E-06	0.000181
204236_at_FLI1	-0.00888	0.000706	0.009797
204245_s_RPP14	0.006137	0.003572	0.031398
204248_at_GNA11	0.007806	0.006159	0.045537
204255_s_VDR	0.010042	2.55E-05	0.000876
204259_at_MMP7	-0.01473	0.000785	0.010637
204260_at_CHGB	0.014109	0.000106	0.002474
204264_at_CPT2	0.006631	0.001946	0.020629
204265_s_GPSM3	-0.00674	0.001104	0.013668
204269_at_PIM2	-0.00579	0.001373	0.016003
204273_at_EDNRB	-0.00781	0.005129	0.040102
204289_at_LOC10050	0.014915	1.89E-06	0.000158
204290_s_ALDH6A1	0.017312	3.28E-08	1.59E-05
204294_at_AMT	0.011134	1.91E-06	0.000158
204296_at_DCTN1	-0.00607	0.000859	0.011319
204300_at_PET112L	0.00688	0.00436	0.035936
204301_at_KBTBD11	0.01217	8.65E-08	2.63E-05
204302_s_KIAA0427	0.006648	0.0021	0.021666
204304_s_PROM1	-0.0126	0.005857	0.04399
204305_at_MIPEP	0.006813	0.002936	0.027482
204310_s_NPR2	0.007018	4.28E-05	0.001284
204311_at_ATP1B2	0.012778	0.000586	0.008528
204313_s_CREB1	-0.00457	0.006683	0.048134
204316_at_RGS10	-0.00827	0.000166	0.003414
204319_s_RGS10	-0.01306	1.01E-06	0.000108
204321_at_NEO1	0.006648	0.000185	0.003692
204323_x_NF1	0.007027	0.00182	0.019657
204324_s_GOLIM4	0.006299	0.00179	0.019443
204326_x_MT1X	0.009047	0.002743	0.026284
204328_at_TMC6	-0.00727	0.00156	0.017574
204342_at_SLC25A24	-0.00706	0.004918	0.039046
204345_at_COL16A1	-0.00942	9.01E-06	0.000437
204347_at_AK4	0.016794	1.2E-06	0.000119
204348_s_AK4	0.011262	4.45E-05	0.001323
204352_at_TRAF5	-0.0072	0.00111	0.013698
204360_s_NAGLU	0.007883	2.02E-03	0.021129
204379_s_FGFR3	0.011138	7.92E-05	0.001998
204385_at_KYNU	0.01299	9.26E-05	0.002246

204388_s_MAOA	0.014748	1.88E-05	0.0007
204389_at_MAOA	0.012279	0.000161	0.003362
204400_at_EFS	-0.00746	0.006747	0.048407
204405_x_DIMT1L	-0.0051	0.004481	0.036543
204415_at_IFI6	-0.0096	3.17E-05	0.00102
204419_x_HBG1	-0.00635	0.00649	0.047307
204420_at_FOSL1	0.009987	0.003692	0.032166
204423_at_MKLN1	0.006423	0.002331	0.023341
204429_s_SLC2A5	0.014233	7.88E-07	9.24E-05
204430_s_SLC2A5	0.020583	4.21E-08	1.79E-05
204436_at_PLEKHO2	-0.00899	4.31E-06	0.00027
204438_at_MRC1	-0.01281	0.000214	0.00411
204440_at_CD83	0.009436	0.000527	0.007929
204446_s_ALOX5	-0.01004	0.000334	0.005692
204447_at_ProSAPiP1	0.007536	0.000991	0.01254
204456_s_GAS1	-0.00459	0.005968	0.04464
204458_at_PLA2G15	0.005736	0.002966	0.027586
204462_s_SLC16A2	0.008401	0.001128	0.013831
204464_s_EDNRA	-0.00904	0.00178	0.01938
204476_s_PC	0.010501	4.16E-05	0.001255
204486_at	-0.00588	2.91E-05	0.000959
204488_at_DOLK	0.007995	5.73E-05	0.001602
204489_s_CD44	-0.01432	0.002207	0.022426
204490_s_CD44	-0.01297	0.001272	0.015166
204497_at_ADCY9	0.008622	0.000267	0.004817
204498_s_ADCY9	0.005421	0.003412	0.03042
204501_at_NOV	-0.00511	0.005785	0.04358
204502_at_SAMHD1	-0.01407	9.03E-05	0.002213
204505_s_EPB49	0.007084	0.003364	0.030146
204510_at_CDC7	-0.00914	0.002781	0.026568
204517_at_PPIC	-0.00479	0.004018	0.034025
204524_at_PDPK1	0.008707	0.000606	0.00873
204528_s_NAP1L1	-0.00467	0.000238	0.004438
204529_s_TOX	-0.00848	0.000987	0.012511
204532_x_UGT1A1	0.013488	5.73E-05	0.001602
204533_at_CXCL10	-0.00634	0.006053	0.045063
204534_at_VTN	0.007871	0.000292	0.005143
204549_at_IKBKE	-0.00406	0.004438	0.036297
204556_s_DZIP1	0.006233	0.000514	0.007779
204560_at_FKBP5	0.013885	0.002021	0.021163
204563_at_SELL	-0.01415	8.98E-06	0.000437
204565_at_ACOT13	0.0092	9.54E-05	0.002293
204584_at_L1CAM	-0.00799	0.000798	0.010723
204588_s_SLC7A7	0.022142	1.01E-08	7.75E-06
204589_at_NUAK1	-0.01006	1.83E-04	0.003683
204593_s_SMCR7L	0.007495	0.002908	0.027315
204594_s_SMCR7L	0.006218	0.001119	0.013745
204595_s_STC1	0.01704	0.000165	0.003413
204596_s_STC1	0.017356	0.000105	0.002464
204606_at_CCL21	-0.01934	2.28E-06	0.000176
204607_at_HMGCS2	0.01301	0.00217	0.022193
204608_at_AS1	0.012185	0.000228	0.004289
204610_s_CCDC85B	-0.00375	0.006093	0.045231

204619_s_VCAN	-0.01162	0.000215	0.004116
204620_s_VCAN	-0.01595	0.000638	0.009072
204636_at COL17A1	-0.00482	0.003271	0.02965
204638_at ACP5	0.013066	3.48E-05	0.001088
204655_at CCL5	-0.01393	5.46E-05	0.001541
204658_at TRA2A	-0.0071	0.000461	0.007215
204661_at CD52	-0.02081	3.16E-05	0.001019
204668_at RNF24	-0.00681	0.006635	0.047992
204680_s_RAPGEF5	-0.00573	0.002055	0.021332
204681_s_RAPGEF5	-0.00611	0.003401	0.030344
204687_at PARM1	0.008649	0.00651	0.047394
204698_at ISG20	-0.01081	0.001833	0.019754
204703_at IFT88	0.004514	0.001013	0.012751
204704_s_ALDOB	0.021784	1.57E-05	0.000619
204705_x_ALDOB	0.021959	4.08E-07	6.11E-05
204719_at ABCA8	-0.01232	0.00359	0.031482
204729_s_STX1A	-0.00392	0.006332	0.046566
204731_at TGFBR3	0.010918	2.18E-05	0.000778
204745_x_MT1G	0.011066	0.004362	0.035938
204774_at EVI2A	-0.02205	8.36E-08	2.62E-05
204775_at CHAF1B	-0.00591	0.000204	0.003966
204778_x_HOXB7	-0.00492	0.001906	0.020284
204780_s_FAS	-0.01167	5.96E-06	0.000335
204781_s_FAS	-0.00913	5.26E-05	0.001503
204785_x_IFNAR2	-0.00907	4.71E-05	0.001386
204787_at VSIG4	-0.00626	0.004643	0.037527
204789_at FMNL1	-0.00489	0.006353	0.046661
204795_at PRR3	-0.00525	0.003616	0.031624
204797_s_EML1	0.005357	0.001857	0.019915
204798_at MYB	-0.0135	6.72E-06	0.000361
204812_at ZW10	0.007783	0.000537	0.008035
204817_at ESPL1	0.008205	0.002042	0.021275
204820_s_BTN3A2	-0.00801	0.004752	0.038128
204824_at ENDOG	0.006094	0.002126	0.021839
204829_s_FOLR2	-0.01019	0.000335	0.005697
204834_at FGL2	-0.01005	0.000334	0.005689
204836_at GLDC	0.011405	1.74E-05	0.000662
204844_at ENPEP	0.015274	0.000189	0.003751
204845_s_ENPEP	0.019585	9.58E-06	0.000447
204846_at CP	-0.01868	3.67E-05	0.001138
204848_x_HBG1	-0.00736	0.00022	0.004197
204882_at ARHGAP2	-0.01059	0.000618	0.008834
204885_s_MSLN	-0.00542	0.002218	0.022506
204890_s_LCK	-0.0106	1.02E-05	0.00047
204893_s_ZFYVE9	0.005805	0.000223	0.004232
204899_s_SAP30	-0.00465	0.002932	0.02747
204912_at IL10RA	-0.01054	9.43E-05	0.002275
204922_at C11orf80	-0.00592	0.001634	0.018224
204923_at SASH3	-0.01517	1.87E-06	0.000157
204932_at TNFRSF11	-0.00624	0.005308	0.041112
204934_s_HPN	0.010394	0.002164	0.022166
204944_at PTPRG	0.004858	0.004844	0.038661
204951_at RHOH	-0.01625	4.23E-06	0.000268

204955_at SRPX	-0.00784	3.98E-05	0.001214
204959_at MNDA	-0.02124	3.17E-08	1.57E-05
204960_at PTPRCAP	-0.00838	7.88E-05	0.001996
204961_s_NCF1	-0.00655	0.002624	0.025437
204962_s_CENPA	-0.00583	0.003086	0.028369
204963_at SSPN	-0.00806	0.001711	0.018792
204964_s_SSPN	-0.00483	0.006632	0.047986
204970_s_MAFG	0.006189	0.000224	0.004239
204971_at CSTA	-0.01775	3.76E-06	0.000245
204972_at OAS2	-0.00856	0.000322	0.005515
204973_at GJB1	0.013579	1.86E-06	0.000157
204977_at DDX10	0.012725	7.03E-05	0.001837
204979_s_SH3BGR	0.005973	0.005668	0.04293
204981_at SLC22A18	0.009592	0.004342	0.035852
204984_at GPC4	0.008959	0.001501	0.017161
204994_at MX2	-0.00976	7.5E-05	0.001932
204997_at GPD1	0.014654	0.000262	0.004748
205012_s_HAGH	0.012665	1.5E-06	0.000138
205014_at FGFBP1	-0.00557	0.001597	0.017894
205021_s_FOXN3	-0.00656	0.003823	0.032935
205038_at IKZF1	-0.00557	0.006908	0.049212
205039_s_IKZF1	-0.01191	0.000124	0.002789
205040_at ORM1	-0.00474	0.001857	0.019915
205044_at GABRP	-0.01332	2.22E-05	0.00079
205052_at AUH	0.007699	0.000234	0.004376
205065_at ENPP1	0.008537	0.003279	0.029681
205073_at CYP2J2	0.009987	0.000482	0.007433
205074_at SLC22A5	0.012764	1.36E-06	0.00013
205075_at SERPINF2	0.012928	4.54E-07	6.52E-05
205076_s_MTMR11	0.007092	0.001562	0.01759
205079_s_MPDZ	0.00693	0.006905	0.049207
205081_at CRIP1	-0.0154	5.95E-05	0.00163
205082_s_AOX1	0.014437	6.34E-05	0.001704
205083_at AOX1	0.015248	0.000212	0.004085
205093_at PLEKHA6	0.007016	0.002924	0.027411
205095_s_ATP6V0A1	0.013849	5.36E-05	0.001526
205110_s_FGF13	-0.00733	0.001132	0.013879
205119_s_FPR1	-0.00653	0.000294	0.005177
205120_s_SGCB	0.008301	0.000453	0.007123
205121_at SGCB	0.006757	0.002945	0.027494
205131_x_CLEC11A	-0.00485	0.000102	0.002406
205133_s_HSPE1	0.004305	0.006744	0.048402
205137_x_USH1C	0.010763	0.001419	0.016409
205141_at ANG	0.012566	1.08E-05	0.000491
205147_x_NCF4	-0.00704	0.001923	0.020437
205149_s_CLCN4	0.005006	0.000874	0.011434
205159_at CSF2RB	-0.0139	6.5E-05	0.001732
205166_at CAPN5	0.00768	0.003441	0.030599
205173_x_CD58	-0.00593	0.001041	0.01305
205175_s_KHK	0.013398	5.8E-05	0.00161
205201_at GLI3	0.007402	7.52E-05	0.001932
205203_at PLD1	0.009897	0.000176	0.00358
205208_at ALDH1L1	0.016166	2.73E-06	0.000198

205213_at ACAP1	-0.00592	0.003856	0.033116
205214_at STK17B	-0.0141	1.97E-05	0.000723
205216_s_APOH	0.028277	1.49E-08	1.01E-05
205219_s_GALK2	0.008853	0.000702	0.009762
205221_at HGD	0.011072	8.63E-05	0.002135
205222_at EHHADH	0.010387	0.00049	0.007503
205229_s_COCH	0.010225	0.002321	0.023275
205231_s_EPM2A	0.007354	0.002028	0.021196
205233_s_PAFAH2	0.007067	0.005394	0.041551
205238_at TRMT2B	0.010157	5.94E-06	0.000334
205242_at CXCL13	-0.00894	0.003479	0.030851
205243_at SLC13A3	0.027835	2.46E-08	1.37E-05
205244_s_SLC13A3	0.029798	9.89E-10	2.2E-06
205253_at PBX1	0.006709	0.006913	0.04922
205267_at POU2AF1	-0.01782	0.000877	0.011459
205269_at LCP2	-0.01284	1.62E-05	0.000628
205270_s_LCP2	-0.01169	0.001915	0.020367
205271_s_CDK20	0.005095	0.00321	0.029188
205273_s_PITRM1	0.005666	0.004609	0.037323
205278_at GAD1	0.008928	0.003937	0.03354
205285_s_FYB	-0.01499	2.27E-05	0.000798
205291_at IL2RB	-0.00917	7.1E-05	0.001851
205295_at CKMT2	0.009319	0.00375	0.032531
205303_at KCNJ8	-0.01019	0.002023	0.021165
205304_s_KCNJ8	-0.01266	0.000158	0.003303
205306_x_KMO	0.020509	2.6E-06	0.00019
205307_s_KMO	0.019736	5.75E-06	0.000328
205311_at DDC	0.024102	2.1E-07	3.97E-05
205312_at SPI1	-0.00635	0.000558	0.008267
205315_s_SNTB2	0.008662	7.46E-05	0.001927
205328_at CLDN10	0.005768	0.004943	0.039118
205329_s_SNX4	0.003955	0.002001	0.021045
205336_at PVALB	0.009949	0.005871	0.044053
205340_at ZBTB24	-0.00604	0.006064	0.045121
205342_s_SULT1C2	0.009758	0.000997	0.012597
205343_at SULT1C2	0.005718	0.004238	0.03525
205350_at CRABP1	0.007974	0.002455	0.024231
205351_at GGCX	0.010677	0.000153	0.00325
205353_s_PEBP1	6.01E-03	0.000457	0.007176
205355_at ACADSB	0.010604	0.000222	0.004222
205361_s_PFDN4	-0.00702	0.006504	0.047378
205364_at ACOX2	0.019641	1.39E-06	0.000132
205365_at HOXB6	-0.00756	0.001444	0.01666
205366_s_HOXB6	-0.00573	0.006744	0.048402
205368_at FAM131B	-0.00635	0.001531	0.017422
205369_x_DBT	0.007931	0.000399	0.00647
205376_at INPP4B	-0.00753	0.002169	0.022193
205379_at CBR3	-0.01017	5.1E-05	0.001469
205380_at PDZK1	0.009638	2.89E-05	0.000957
205382_s_CFD	-0.00847	0.000504	0.007653
205397_x_SMAD3	0.00782	0.006503	0.047378
205403_at IL1R2	-0.00722	0.003939	0.03354
205412_at ACAT1	0.011888	5.12E-06	0.000301

205419_at GPR183	-0.01469	0.000337	0.005721
205429_s_MPP6	0.00944	0.000521	0.007858
205430_at BMP5	-0.0075	4.41E-03	0.036155
205440_s_NPY1R	-0.01007	0.001805	0.019538
205442_at MFAP3L	0.006082	0.006989	0.049539
205443_at SNAPC1	-0.00602	0.002195	0.022367
205448_s_MAP3K12	0.006879	0.000617	0.008833
205451_at FOXO4	0.005001	0.001993	0.021007
205453_at HOXB2	-0.0055	0.005095	0.040007
205457_at C6orf106	0.003452	0.005114	0.040067
205464_at SCNN1B	0.008149	1.32E-05	0.000557
205469_s_IRF5	-0.00455	0.005458	0.041777
205483_s_ISG15	-0.00779	0.000197	0.003864
205484_at SIT1	-0.00797	0.000234	0.004369
205488_at GZMA	-0.01971	1.54E-06	0.00014
205489_at CRYM	0.012706	5.3E-07	7.3E-05
205495_s_GNLY	-0.00655	0.002052	0.021323
205498_at GHR	0.008952	0.005504	0.042017
205499_at SRPX2	-0.00947	0.001492	0.01708
205501_at PDE10A	0.00913	0.005041	0.03971
205502_at CYP17A1	0.016862	2.25E-05	0.000795
205504_at BTK	-0.00972	1.74E-06	0.000152
205505_at GCNT1	-0.00596	0.004001	0.033916
205506_at VIL1	0.012956	2.16E-05	0.000775
205508_at SCN1B	-0.00465	0.002226	0.02256
205512_s_AIFM1	0.012307	2.17E-05	0.000778
205516_x_CIZ1	0.006896	0.005435	0.041724
205530_at ETFDH	0.011346	6.89E-06	0.000367
205557_at BPI	0.00955	0.00251	0.024597
205569_at LAMP3	-0.00928	0.000355	0.00593
205582_s_GGT5	-0.00486	0.006728	0.048349
205588_s_FGFR1OP	0.005821	0.001653	0.018368
205592_at SLC4A1	0.02593	5.5E-12	1.23E-07
205597_at SLC44A4	0.009789	0.005659	0.042908
205609_at ANGPT1	-0.00649	0.003581	0.031453
205614_x_MST1	0.00962	0.000162	0.003375
205624_at CPA3	-0.02779	5.56E-09	6.19E-06
205625_s_CALB1	0.013179	0.000895	0.011593
205626_s_CALB1	0.009161	0.005573	0.042369
205637_s_SH3GL3	-0.00574	0.006426	0.047024
205640_at ALDH3B1	0.011843	1.58E-05	0.000621
205642_at CEP110	-0.00646	0.0003	0.005246
205653_at CTSG	-0.02214	8.63E-11	8.3E-07
205657_at HAAO	0.009464	0.001697	0.018686
205659_at HDAC9	-0.00861	0.001092	0.013535
205665_at TSPAN9	0.004586	0.004545	0.036922
205666_at FMO1	0.012186	0.002077	0.0215
205668_at LY75	-0.00773	0.003272	0.02965
205671_s_HLA-DOB	-0.00884	0.000675	0.009482
205673_s_ASXB9	0.0122	0.000101	0.002397
205675_at MTPP	0.020894	1.48E-05	0.000603
205676_at CYP27B1	0.017646	0.000279	0.004969
205681_at BCL2A1	-0.01106	0.00024	0.004447

205682_x_APOM	0.019931	2.72E-05	0.000921
205683_x_TPSAB1	-0.01544	4.81E-06	0.000287
205685_at_CD86	-0.00679	0.0006	0.008667
205686_s_CD86	-0.00952	0.000179	0.003612
205689_at_PCNXL2	-0.00464	0.004309	0.035662
205710_at_LRP2	0.012106	0.000642	0.009122
205712_at_PTPRD	0.016085	9.42E-08	2.68E-05
205713_s_COMP	-0.00964	6.76E-05	0.001785
205715_at_BST1	0.007291	0.000534	0.008003
205719_s_PAH	0.014305	0.000925	0.011936
205730_s_ABLIM3	0.011986	0.000113	0.0026
205735_s_AFF3	-0.00435	0.006811	0.048714
205750_at_BPHL	0.013913	8.49E-07	9.74E-05
205751_at_SH3GL2	0.008981	0.005564	0.042361
205752_s_GSTM5	-0.01052	3.08E-05	0.000997
205757_at_ENTPD5	0.019072	1.58E-08	1.03E-05
205758_at_CD8A	-0.00763	0.001416	0.016374
205760_s_OGG1	0.010201	9.2E-05	0.002234
205761_s_DUS4L	0.006936	0.006663	0.048085
205765_at_CYP3A5	0.010984	0.002367	0.02359
205768_s_SLC27A2	0.01598	1.13E-05	0.000504
205769_at_SLC27A2	0.015958	1.91E-05	0.000707
205782_at_FGF7	-0.01185	0.000697	0.009705
205786_s_ITGAM	-0.01107	0.000895	0.011593
205789_at_CD1D	-0.00799	0.001057	0.01319
205796_at_TCP11L1	0.010204	7.04E-05	0.001838
205798_at_IL7R	-0.019	1.11E-06	0.000114
205799_s_SLC3A1	0.006208	0.00122	0.014714
205805_s_ROR1	0.006799	0.005274	0.040922
205821_at_KLRK1	-0.00581	0.003095	0.028419
205823_at_RGS12	0.004251	0.003372	0.030154
205826_at_MYOM2	0.013829	1.17E-05	0.000517
205831_at_CD2	-0.00796	0.000252	0.004621
205832_at_CPA4	-0.00646	0.002875	0.02717
205834_s_PART1	-0.0061	0.002052	0.021323
205843_x_CRAT	0.00546	0.005702	0.043091
205844_at_VNN1	0.016976	5.59E-05	0.001569
205852_at_CDK5R2	-0.00491	0.002982	0.027702
205857_at_SLC18A2	0.006086	0.006953	0.049438
205859_at_LY86	-0.01151	5.54E-06	0.000321
205860_x_FOLH1	0.024948	1.18E-07	2.91E-05
205882_x_ADD3	0.006707	0.000728	0.010035
205884_at_ITGA4	-0.00715	0.00266	0.025671
205890_s_GABBR1	-0.01131	9.6E-05	0.002305
205892_s_FABP1	0.030918	2.2E-07	4.05E-05
205894_at_ARSE	0.020254	6.57E-05	0.001745
205896_at_SLC22A4	0.016633	1.33E-07	3.14E-05
205898_at_CX3CR1	-0.0119	1E-06	0.000108
205907_s_OMD	-0.00621	0.002576	0.025117
205911_at_PTH1R	0.01076	8.19E-05	0.00205
205922_at_VNN2	-0.00756	0.001106	0.013682
205934_at_PLCL1	0.008809	0.002053	0.021325
205939_at_CYP3A7	0.016281	2.77E-05	0.000931

205942_s_ACSM3	0.008752	0.001989	0.020969
205945_at IL6R	0.007903	0.002126	0.021839
205950_s_CA1	-0.00566	0.003326	0.029996
205960_at PDK4	0.011664	0.003685	0.032116
205963_s_DNAJA3	0.00681	0.000499	0.007609
205978_at KL	0.014704	0.000299	0.005239
205983_at DPEP1	0.019266	6.43E-08	2.33E-05
205985_x_CLCNKB	0.009882	0.002368	0.02359
205987_at CD1C	-0.01679	3.04E-05	0.00099
205988_at CD84	-0.00655	0.001531	0.017422
205991_s_PRRX1	-0.01275	4.45E-06	0.000277
205996_s_AK2	0.00843	2.7E-05	0.000916
205999_x_CYP3A4	0.010423	0.000115	0.002625
206011_at CASP1	-0.01161	0.000335	0.005701
206022_at NDP	-0.00629	0.004689	0.037737
206023_at NMU	-0.00788	0.000486	0.007463
206024_at HPD	0.028928	6.63E-06	0.000358
206030_at ASPA	0.015711	4.25E-06	0.000269
206054_at KNG1	0.012378	0.001057	0.01319
206058_at SLC6A12	0.01293	1.27E-05	0.000544
206065_s_DPYS	0.01866	1.91E-05	0.000707
206068_s_ACADL	0.009227	0.000174	0.003552
206069_s_ACADL	0.011034	0.000152	0.003234
206085_s_CTH	0.008277	0.000582	0.008494
206089_at NELL1	0.013207	7.35E-05	0.001906
206094_x_UGT1A1	0.014464	2.57E-05	0.00088
206100_at CPM	0.009119	0.000462	0.007215
206102_at GINS1	-0.00657	0.000175	0.003557
206118_at STAT4	-0.00827	0.001947	0.020629
206119_at BHMT	0.017309	6.29E-06	0.000348
206121_at AMPD1	-0.00847	0.003347	0.030088
206129_s_ARSB	0.014367	5.89E-06	0.000332
206133_at XAF1	-0.00802	0.002481	0.024422
206134_at ADAMDEC	-0.00796	0.001929	0.02048
206136_at FZD5	0.004556	0.006933	0.049319
206150_at CD27	-0.00667	0.00069	0.009627
206155_at ABCC2	0.022134	1.42E-07	3.26E-05
206170_at ADRB2	-0.00838	8.96E-05	0.0022
206171_at ADORA3	-0.00535	6.38E-03	0.046799
206179_s_TPPP	0.007673	0.004403	0.036135
206181_at SLAMF1	-0.00621	0.002279	0.022951
206206_at CD180	-0.0044	0.007048	0.049812
206207_at CLC	-0.00576	0.004224	0.035217
206214_at PLA2G7	-0.01019	0.00305	0.028158
206217_at EDA	0.00762	7.66E-05	0.001959
206219_s_VAV1	-0.00802	7.79E-05	0.001986
206221_at RASA3	-0.00488	0.002564	0.025039
206226_at HRG	0.015866	1.2E-05	0.000526
206237_s_NRG1	0.010313	3.71E-05	0.001148
206239_s_SPINK1	0.021956	1.76E-05	0.000667
206242_at TM4SF5	0.010185	8E-07	9.28E-05
206248_at PRKCE	0.010983	0.000793	0.010694
206249_at MAP3K13	0.009243	2.79E-05	0.000935

206253_at DLG2	0.00804	0.000108	0.002505
206254_at EGF	0.027481	3.37E-08	1.6E-05
206255_at BLK	-0.00461	0.004197	0.035058
206259_at PROC	0.01492	1.97E-06	0.000162
206263_at FMO4	0.011277	0.000272	0.004887
206275_s_MICAL2	-0.00529	0.006204	0.045781
206296_x_MAP4K1	-0.01282	4.22E-06	0.000268
206298_at ARHGAP2	-0.00581	0.0055	0.042017
206325_at SERPINA6	0.02308	7.28E-08	2.53E-05
206332_s_IFI16	-0.01607	1.34E-07	3.14E-05
206334_at LIPF	-0.0051	3.89E-03	0.033326
206337_at CCR7	-0.00812	0.000489	0.007498
206341_at IL2RA	-0.00556	0.00595	0.04454
206346_at PRLR	0.017227	1.31E-05	0.000554
206348_s_PDK3	0.008384	0.002515	0.024634
206350_at APCS	-0.00559	0.001569	0.017654
206356_s_GNAL	0.005687	0.001999	0.021044
206363_at MAF	0.012926	6.67E-05	0.001769
206366_x_XCL1	-0.01212	2.05E-06	0.000166
206369_s_PIK3CG	-0.00967	0.000104	0.002431
206383_s_G3BP2	0.005413	0.001682	0.018559
206391_at RARRES1	-0.01009	0.003173	0.028921
206396_at SLC1A1	0.014105	4.35E-06	0.000272
206401_s_MAPT	0.016938	1.78E-06	0.000154
206406_at SMCP	-0.00545	0.003293	0.029772
206407_s_CCL13	-0.00868	0.000278	0.00496
206420_at IGSF6	-0.01582	8.99E-06	0.000437
206424_at CYP26A1	-0.00331	0.005569	0.042367
206431_x_TBC1D9B	0.004609	0.001915	0.020367
206440_at LIN7A	0.007431	0.000608	0.00875
206449_s_MASP1	0.009215	2.4E-05	0.000834
206457_s_DIO1	0.021776	7.85E-06	0.000397
206460_at AJAP1	0.009223	0.000207	0.004009
206461_x_MT1H	0.008883	0.004672	0.037666
206469_x_AKR7A3	0.017564	2.82E-06	0.000202
206483_at LRRC6	0.005745	0.000102	0.002413
206484_s_XPNPEP2	0.031599	1.54E-09	2.85E-06
206488_s_CD36	-0.0099	0.00339	0.03028
206492_at FHIT	0.013195	3.85E-07	5.93E-05
206500_s_C14orf106	-0.01049	6.38E-05	0.001713
206513_at AIM2	-0.01156	0.000971	0.012347
206514_s_CYP4F2	0.026398	2.41E-08	1.37E-05
206515_at CYP4F3	0.017294	4.36E-05	0.001303
206519_x_SIGLEC6	-0.00658	0.000313	0.005401
206520_x_SIGLEC6	-0.00661	0.000442	0.006976
206522_at MGAM	0.018654	1.86E-06	0.000157
206527_at ABAT	0.02178	8.6E-08	2.63E-05
206534_at GRIN2A	-0.00661	0.005318	0.041157
206535_at SLC2A2	0.018467	6.81E-05	0.001796
206540_at GLB1L	0.013976	0.000612	0.008788
206541_at KLKB1	0.009339	1.83E-06	0.000157
206542_s_SMARCA2	-0.00456	0.0003	0.005246
206545_at CD28	-0.01218	1.64E-06	0.000146

206560_s_MIA	-0.00621	0.000352	0.005906
206572_x_ZNF85	-0.00801	0.0001	0.002383
206576_s_CEACAM1	0.012284	0.000349	0.005875
206584_at_LY96	-0.01935	1.3E-06	0.000126
206595_at_CST6	-0.00648	0.005437	0.041724
206599_at_SLC16A5	-0.00508	0.002806	0.026688
206600_s_SLC16A5	-0.00949	6.41E-05	0.00172
206610_s_F11	0.013333	1.38E-06	0.000131
206628_at_SLC5A1	0.011929	0.00394	0.03354
206637_at_P2RY14	-0.01024	0.001369	0.015989
206665_s_BCL2L1	0.008388	0.001964	0.020746
206666_at_GZMK	-0.01487	9.31E-06	0.000441
206682_at_CLEC10A	-0.00745	0.000165	0.003414
206686_at_PDK1	-0.00842	0.00442	0.036191
206693_at_IL7	-0.00747	0.000633	0.009009
206695_x_ZNF43	-0.00674	2.35E-05	0.000823
206702_at_TEK	0.007599	0.003367	0.030151
206704_at_CLCN5	0.008437	0.000312	0.005393
206707_x_FAM65B	-0.00741	0.000868	0.011391
206710_s_EPB41L3	0.009142	0.001248	0.014954
206715_at_TFEC	0.009868	0.003561	0.031314
206716_at_UMOD	0.031837	1.13E-07	2.82E-05
206726_at_HPGDS	-0.01801	1.25E-07	3.02E-05
206730_at_GRIA3	0.010864	6.88E-05	0.001807
206748_s_SPAG9	0.01098	2.99E-06	0.000209
206749_at_CD1B	-0.00516	0.002002	0.021049
206754_s_CYP2B6	0.020705	1.51E-06	0.000138
206755_at_CYP2B6	0.021554	3.19E-06	0.000218
206756_at_CHST7	-0.00737	0.000412	0.00663
206761_at_CD96	-0.00557	0.000792	0.01069
206775_at_CUBN	0.026884	1.02E-07	2.73E-05
206788_s_CFBF	-0.00605	0.00104	0.013049
206804_at_CD3G	-0.01157	3.69E-05	0.001142
206805_at_SEMA3A	-0.0074	0.001379	0.016061
206809_s_HNRNPA3	-0.00439	2.05E-06	0.000166
206818_s_CNNM2	0.007717	0.001005	0.012683
206829_x_ZNF430	-0.00503	0.00135	0.015851
206834_at_HBD	-0.00758	0.001321	0.0156
206837_at_ALX1	-0.01158	1.96E-05	0.000719
206840_at_AFM	0.028103	8.85E-08	2.63E-05
206846_s_HDAC6	0.013943	1.47E-06	0.000137
206856_at_LILRB5	-0.00521	0.003329	0.029996
206864_s_HRK	-0.00492	0.002733	0.026206
206870_at_PPARA	0.013068	3.28E-05	0.001046
206872_at_SLC17A1	0.016796	2.98E-05	0.000975
206878_at_DAO	0.026884	8.63E-09	7.12E-06
206900_x_ZNF253	-0.00384	0.004027	0.034083
206904_at_MATN1	-0.00381	0.004334	0.03581
206910_x_CFHR2	-0.00617	0.000296	0.005189
206914_at_CRTAM	-0.00568	0.00479	0.038315
206925_at_ST8SIA4	-0.00949	0.000267	0.004821
206929_s_NFIC	0.008576	0.003359	0.030132
206930_at_GLYAT	0.014639	6.13E-05	0.001662

206932_at CH25H	-0.00688	0.002904	0.027299
206946_at HCN4	-0.00747	0.000238	0.004438
206950_at SCN9A	0.010535	0.000143	0.003109
206952_at G6PC	0.022343	1.06E-05	0.000484
206955_at AQP7	0.015656	6.52E-06	0.000354
206957_at AGXT	0.013938	0.000263	0.004751
206963_s NAT8	0.020664	5.39E-05	0.00153
206964_at NAT8B	0.016032	2.98E-06	0.000209
206974_at CXCR6	-0.00702	0.001827	0.019703
206978_at CCR2	-0.01354	2.97E-06	0.000208
206983_at CCR6	-0.00959	1.89E-05	0.000703
206991_s CCR5	-0.01056	5.54E-05	0.00156
207005_s BCL2	0.007956	1.11E-05	0.000497
207007_at NR1I3	0.009597	0.001173	0.014251
207008_at CXCR2	-0.00883	0.00125	0.014959
207009_at PHOX2B	-0.00707	0.002611	0.02534
207014_at GABRA2	0.008192	7.41E-05	0.001918
207017_at RAB27B	-0.0104	0.000144	0.003114
207018_s RAB27B	-9.50E-03	0.000592	0.008589
207040_s ST13	0.006259	5.78E-05	0.00161
207044_at THRB	0.00785	3.9E-05	0.001192
207047_s CLCNKA	0.01268	3.46E-05	0.001084
207049_at SCN8A	0.007575	0.001713	0.018797
207050_at CACNA2D	0.007909	6.28E-05	0.001697
207051_at SLC17A4	0.009066	0.005146	0.040227
207053_at SLC8A1	0.011375	0.000585	0.008521
207067_s HDC	-1.03E-02	2.32E-06	0.000178
207071_s ACO1	0.010865	0.000184	0.003687
207072_at IL18RAP	-0.00681	0.000338	0.005729
207075_at NLRP3	-0.00918	3E-05	0.000979
207076_s ASS1	0.017959	1.62E-07	3.4E-05
207081_s PI4KA	0.009513	7.82E-05	0.001988
207085_x CSF2RA	-0.00627	6.01E-05	0.00164
207095_at SLC10A2	0.017493	0.000106	0.002464
207126_x UGT1A1	0.013459	2.49E-05	0.000862
207131_x GGT1	0.010382	0.00052	0.007857
207132_x PFDN5	-0.0091	0.001534	0.017431
207134_x TPSB2	-0.01343	2.83E-05	0.000944
207141_s KCNJ3	0.00971	9.93E-05	0.002372
207142_at KCNJ3	0.00795	0.004139	0.034705
207173_x CDH11	-0.00994	0.005217	0.04062
207184_at SLC6A13	0.012263	9.17E-06	0.000438
207191_s ISLR	-7.41E-03	0.005284	0.040958
207201_s SLC22A1	0.005258	0.001977	0.020859
207205_at CEACAM4	-0.0036	0.001641	0.018279
207211_at USP2	0.01995	7.71E-07	9.19E-05
207212_at SLC9A3	0.010809	2.12E-06	0.000168
207213_s USP2	0.031116	6.64E-09	6.19E-06
207216_at TNFSF8	-0.00599	0.004337	0.035827
207237_at KCNA3	-0.00806	0.000736	0.010106
207238_s PTPRC	-0.01807	5.05E-05	0.001466
207243_s CALM2	-0.00274	0.000998	0.012601
207253_s UBN1	0.003512	0.001747	0.019119

207275_s_ACSL1	0.014918	3.64E-07	5.71E-05
207277_at_CD209	-0.01563	2.02E-06	0.000164
207279_s_NEBL	0.006758	0.003436	0.030564
207291_at_PRRG4	0.008739	0.001573	0.01769
207315_at_CD226	-0.00778	0.000708	0.009802
207320_x_STAU1	0.007388	1.84E-05	0.000688
207332_s_TFRC	0.008847	0.006447	0.047123
207339_s_LTB	-0.01473	7.41E-08	2.54E-05
207362_at_SLC30A4	0.008999	0.000577	0.008442
207378_at_TREH	0.009837	4.98E-06	0.000295
207385_at_TFDP3	-0.00593	0.001802	0.019536
207387_s_GK	0.013004	1.73E-05	0.000658
207399_at_BFSP2	-0.00505	0.000214	0.004112
207400_at_NPY5R	-0.00661	0.005634	0.042731
207407_x_CYP4A11	0.020374	1.13E-07	2.82E-05
207416_s_NFATC3	0.004493	0.001953	0.020654
207429_at_SLC22A2	0.010031	0.000223	0.004239
207444_at_SLC22A13	0.017958	1.16E-08	8.12E-06
207446_at_TLR6	-0.00528	0.001474	0.016944
207456_at_HNF4G	0.0102	0.00029	0.005116
207496_at_MS4A2	-0.00687	0.001014	0.012751
207497_s_MS4A2	-0.01264	3.89E-07	5.93E-05
207505_at_PRKG2	-0.00669	0.000496	0.007571
207509_s_LAIR2	-0.01279	0.000164	0.003397
207522_s_ATP2A3	-0.00628	0.001098	0.013595
207524_at_ST7	0.007965	0.000948	0.012149
207542_s_AQP1	0.015436	6.84E-05	0.001799
207543_s_P4HA1	0.005176	0.006555	0.04758
207544_s_ADH6	0.019642	2.38E-06	0.000181
207560_at_SLC28A1	0.010156	0.000193	0.003803
207567_at_SLC13A2	0.015481	1.27E-06	0.000124
207594_s_SYNJ1	0.009329	2.53E-06	0.000188
207596_at	0.008924	0.001409	0.016317
207613_s_CAMK2A	0.006534	0.000463	0.007219
207651_at_GPR171	-0.01585	5.22E-06	0.000306
207655_s_BLNK	-0.01089	5.82E-06	0.000331
207673_at_NPHS1	0.010426	0.003508	0.030983
207677_s_NCF4	-0.00929	8.51E-05	0.002115
207685_at_CRYBB3	0.006258	0.004262	0.035398
207697_x_LILRB2	-0.00636	0.00179	0.019443
207705_s_NINL	0.009275	9.28E-05	0.002249
207707_s_SEC13	0.00635	6.55E-05	0.001741
207709_at_PRKAA2	0.004596	0.005128	0.040102
207741_x_TPSAB1	-0.01379	0.000191	0.003792
207754_at_RASSF8	0.007197	0.003117	0.0286
207761_s_METTL7A	0.006601	6.26E-05	0.001696
207764_s_HIPK3	0.006756	0.000202	0.003947
207766_at_CDKL1	0.011904	1.64E-05	0.000633
207771_at_SLC5A2	0.014284	1.58E-05	0.000621
207776_s_CACNB2	0.010524	0.000765	0.010424
207777_s_SP140	-0.00757	0.002304	0.023152
207795_s_KLRD1	-0.00487	0.005379	0.041459
207828_s_CENPF	-0.007	0.002032	0.021215

207840_at CD160	-0.00768	0.000194	0.003825
207843_x_CYB5A	0.008081	8.9E-05	0.00219
207851_s_INSR	0.013868	0.000113	0.0026
207857_at LILRA2	-0.00682	0.002413	0.023914
207858_s_PKLR	0.024236	1.56E-07	3.38E-05
207871_s_ST7	0.006631	0.000182	0.003654
207886_s_CALCR	0.006832	0.002242	0.022671
207892_at CD40LG	-0.00651	0.003612	0.031606
207894_s_TCL6	0.008488	0.002019	0.021153
207922_s_MAEA	0.005905	0.004903	0.038995
207943_x_PLAGL1	-0.00521	0.00683	0.04878
207945_s_CSNK1D	0.005705	0.003731	0.032427
207950_s_ANK3	0.007311	0.000366	0.006065
207957_s_PRKCB	-0.01242	6E-05	0.00164
207973_x_ACRV1	-0.00709	0.006016	0.044883
207981_s_ESRRG	0.008873	0.000398	0.006454
207998_s_CACNA1D	0.005828	0.002576	0.025117
208002_s_ACOT7	0.012371	1.41E-05	0.000584
208006_at FOXI1	0.008975	0.000137	0.003005
208010_s_PTPN22	-0.00786	0.000784	0.010637
208012_x_SP110	-0.00839	0.000109	0.002525
208018_s_HCK	-0.00823	4.56E-06	0.000281
208030_s_ADD1	0.00345	0.006226	0.045883
208032_s_GRIA3	0.007733	0.000299	0.005239
208034_s_PROZ	0.020504	1.9E-05	0.000705
208056_s_CBFA2T3	-0.00582	0.00421	0.035126
208057_s_GLI2	-0.00475	0.003895	0.033332
208068_x_CSH1	-0.00642	0.000204	0.003974
208070_s_REV3L	0.007513	0.006188	0.045707
208086_s_DMD	0.00645	0.001733	0.018982
208091_s_VOPP1	-0.00661	0.004759	0.038166
208092_s_FAM49A	-0.00921	0.000486	0.007463
208094_s_CCDC130	-0.00489	0.004888	0.038931
208113_x_PABPC3	-0.00333	0.000255	0.004663
208140_s_LRRC48	0.009233	2.36E-05	0.000827
208177_at SLC34A1	0.030647	5.47E-10	1.73E-06
208184_s_TRAPPC10	0.006313	0.001514	0.017295
208206_s_RASGRP2	-0.00444	0.005521	0.042118
208218_s_ACVR1B	0.006867	0.005375	0.04145
208228_s_FGFR2	0.008258	5.42E-05	0.001533
208230_s_NRG1	0.007926	5.12E-05	0.001472
208234_x_FGFR2	0.008503	0.001108	0.013693
208240_s_FGF1	0.014642	0.000993	0.012558
208252_s_CHST3	0.006752	2.74E-05	0.000926
208283_at GAGE1	-0.00623	0.006076	0.045177
208284_x_GGT1	0.012204	5.85E-05	0.001614
208296_x_TNFAIP8	-0.01072	1.29E-05	0.000549
208298_at EVI5	-0.00486	0.006012	0.044868
208318_s_XYLB	0.022001	9.18E-08	2.66E-05
208321_s_CABP1	5.92E-03	0.004988	0.039376
208322_s_ST3GAL1	0.012559	1.1E-05	0.000497
208323_s_ANXA13	0.012515	0.003035	0.028067
208335_s_DARC	-0.00977	5.19E-05	0.001485

208336_s_TECR	0.008602	0.003793	0.032788
208354_s_SLC12A3	0.024316	1.02E-06	0.000108
208369_s_GCDH	0.013032	1.6E-05	0.000624
208373_s_P2RY6	-0.00499	0.0036	0.031533
208374_s_CAPZA1	-0.00563	0.003371	0.030154
208376_at_CCR4	-0.00541	0.000979	0.01243
208383_s_PCK1	0.011634	0.002716	0.026093
208396_s_PDE1A	-0.008	0.003717	0.032341
208406_s_GRAP2	-0.0042	0.005916	0.044329
208420_x_SUPT6H	0.007864	0.000295	0.005179
208423_s_MSR1	-0.01358	2.24E-05	0.000794
208429_x_HNF4A	0.017267	9.51E-06	0.000445
208434_at_MECOM	-0.00506	0.001401	0.01628
208436_s_IRF7	-0.00667	0.000841	0.011149
208438_s_FGR	-0.00806	0.000221	0.004219
208446_s_ZFYVE9	0.007301	0.000928	0.011957
208449_s_FGF8	-0.00451	0.003497	0.030956
208451_s_C4A	0.018701	1.37E-05	0.000572
208456_s_RRAS2	0.005289	0.003719	0.032341
208539_x_SPRR2B	-0.00504	0.000172	0.003513
208540_x_S100A11	-0.00505	0.004172	0.034886
208549_x_PTMA	-0.00323	0.004962	0.03924
208561_at_ABCC9	-0.01181	0.002812	0.026714
208569_at_HIST1H2A	-0.00589	0.006552	0.047574
208576_s_HIST1H3B	-0.00655	0.001341	0.015779
208581_x_MT1X	0.011538	0.001538	0.017444
208594_x_LILRA6	-0.00416	0.00623	0.045895
208596_s_UGT1A1	0.015524	6.67E-06	0.00036
208607_s_SAA1	-0.0089	0.00087	0.011416
208608_s_SNTB1	0.007144	0.002151	0.022037
208616_s_PTP4A2	-0.00287	0.005088	0.039976
208625_s_EIF4G1	0.006084	0.003468	0.030794
208630_at_HADHA	0.006175	0.001552	0.017522
208631_s_HADHA	0.008491	0.006002	0.044826
208636_at_ACTN1	-0.01119	3.58E-05	0.001115
208650_s_CD24	-0.00926	2.26E-05	0.000798
208651_x_CD24	-0.00712	2.63E-05	0.000898
208653_s_CD164	0.005478	0.005081	0.039942
208655_at_CCNI	-0.00294	0.000207	0.004017
208659_at_CLIC1	-0.00615	0.00334	0.03006
208678_at_ATP6V1E1	0.00395	0.00091	0.011769
208687_x_HSPA8	0.004536	0.000146	0.003136
208690_s_PDLIM1	-0.00996	0.000417	0.00668
208695_s_RPL39	-0.00693	8.95E-05	0.0022
208704_x_APLP2	0.003188	0.002612	0.02534
208705_s_EIF5	0.006172	0.000125	0.002808
208707_at_EIF5	0.009943	4.64E-06	0.000284
208712_at_CCND1	0.007222	0.000584	0.008515
208713_at_HNRNPUL	-0.00338	0.005633	0.042731
208715_at_TMCO1	0.005047	0.000802	0.010769
208738_x_LOC72882	-0.00507	0.000421	0.006722
208739_x_SUMO2	-0.00414	0.00123	0.014781
208740_at_SAP18	0.0035	0.004935	0.03909

208741_at SAP18	0.006172	0.00382	0.032918
208747_s_C1S	-0.01334	0.00023	0.004328
208754_s_NAP1L1	-0.00736	0.000395	0.006428
208769_at EIF4EBP2	0.012293	0.000272	0.004889
208770_s EIF4EBP2	0.005383	2.74E-05	0.000925
208772_at ANKHD1	0.005981	0.000707	0.009801
208774_at CSNK1D	5.72E-03	0.00315	0.028761
208776_at PSMD11	0.009973	2.97E-06	0.000208
208788_at ELOVL5	0.006816	0.00364	0.03179
208804_s_SRSF6	0.005735	0.000269	0.004844
208808_s_HMGB2	-0.00838	2.83E-05	0.000945
208810_at DNAJB6	0.005803	0.000396	0.006428
208813_at GOT1	0.010279	1.46E-06	0.000136
208816_x_ANXA2P2	-0.00683	0.001547	0.017479
208830_s_SUPT6H	0.009035	3E-06	0.000209
208840_s_G3BP2	0.005326	0.001087	0.013486
208847_s_ADH5	0.004923	0.001532	0.017422
208850_s_THY1	0.016147	3.38E-05	0.001067
208851_s_THY1	0.019325	2.6E-07	4.57E-05
208853_s_CANX	0.004847	0.007066	0.04991
208868_s_GABARAP	0.006172	0.00022	0.004197
208885_at LCP1	-0.01867	7.52E-08	2.54E-05
208894_at HLA-DRA	-0.01327	0.004151	0.034747
208898_at ATP6V1D	0.005639	0.005307	0.041112
208899_x_ATP6V1D	0.004853	0.001855	0.019915
208914_at GGA2	0.010591	2.18E-05	0.000778
208948_s_STAU1	0.00754	0.000178	0.003599
208950_s_ALDH7A1	0.012372	1.3E-06	0.000126
208951_at ALDH7A1	0.0143	5.67E-06	0.000325
208965_s_IFI16	-0.01633	2.44E-06	0.000184
208966_x_IFI16	-0.01556	5.01E-06	0.000295
208978_at CRIP2	-0.00851	1.21E-05	0.000527
208997_s_UCP2	-0.0133	0.000436	0.006909
208998_at UCP2	-0.01204	0.000239	0.004439
209007_s_C1orf63	-0.00697	0.003519	0.031056
209017_s_LONP1	0.006525	0.006091	0.045231
209019_s_PINK1	0.007059	0.001434	0.016555
209034_at PNRC1	-0.00443	0.000347	0.005852
209035_at MDK	-0.00574	0.00235	0.023506
209036_s_MDH2	0.00513	0.002493	0.024503
209047_at AQP1	0.011833	0.000418	0.006695
209051_s_RALGDS	-0.00627	0.000185	0.003692
209076_s_WDR45L	0.004247	0.00409	0.034355
209083_at CORO1A	-0.01187	0.000145	0.003134
209092_s_GLOD4	0.003252	0.006872	0.04902
209094_at DDAH1	0.004485	0.00238	0.023666
209095_at DLD	0.005958	0.001115	0.013741
209112_at CDKN1B	-0.00627	0.002317	0.023249
209116_x_HBB	-0.02066	0.000114	0.002616
209118_s_TUBA1A	-0.00928	0.0002	0.003914
209120_at NR2F2	-0.00686	5.89E-07	7.81E-05
209122_at PLIN2	0.012013	7.61E-05	0.001951
209123_at QDPR	0.016055	1.89E-06	0.000158

209129_at TRIP6	0.01065	0.000593	0.008594
209138_x_ IGL@	-0.02141	0.002508	0.024589
209150_s_ TM9SF1	0.005159	0.002949	0.027523
209160_at AKR1C3	0.009342	0.000936	0.012034
209161_at PRPF4	0.007733	0.000464	0.007232
209164_s_ CYB561	0.008816	0.005448	0.041765
209167_at GPM6B	-0.01187	0.001713	0.018797
209168_at GPM6B	-0.01025	5.06E-05	0.001466
209169_at GPM6B	-0.0083	0.000283	0.005014
209170_s_ GPM6B	-0.0101	0.001815	0.019623
209172_s_ CENPF	-0.00626	0.006638	0.047999
209173_at AGR2	-0.02665	2.58E-07	4.57E-05
209180_at RABGGTB	0.004648	0.004947	0.039136
209200_at MEF2C	-0.01094	0.000113	0.0026
209201_x_ CXCR4	-0.01504	0.001535	0.017431
209213_at CBR1	0.004321	0.006697	0.048206
209220_at GPC3	0.011983	0.002398	0.023809
209222_s_ OSBPL2	0.005926	1.65E-05	0.000633
209234_at KIF1B	0.008022	7.55E-06	0.000389
209244_s_ KIF1C	0.007228	0.000161	0.003358
209249_s_ GHITM	0.006009	0.000621	0.008869
209254_at KLHDC10	0.004887	0.004525	0.0368
209256_s_ KLHDC10	0.009411	0.003799	0.032819
209288_s_ CDC42EP3	-0.0056	0.006459	0.04718
209289_at NFIB	0.006111	0.001173	0.014251
209290_s_ NFIB	0.004139	0.003301	0.029816
209299_x_ PPIL2	0.004881	0.002331	0.023341
209301_at CA2	0.009143	0.001775	0.019353
209306_s_ SWAP70	-0.00486	0.005437	0.041724
209309_at AZGP1	0.024444	1.72E-06	0.00015
209311_at BCL2L2	0.008299	0.000127	0.002832
209317_at POLR1C	0.003718	0.006983	0.049528
209324_s_ RGS16	-0.01019	0.002015	0.021129
209334_s_ PSMD9	0.009034	0.001277	0.015225
209335_at DCN	-0.01227	0.001843	0.01983
209340_at UAP1	0.0091	6.84E-05	0.001799
209341_s_ IKBKB	-0.00576	0.003147	0.028761
209343_at EFHD1	0.005744	0.006737	0.048383
209348_s_ MAF	0.007693	0.003942	0.03354
209355_s_ PPAP2B	0.010734	0.001854	0.019915
209360_s_ RUNX1	-0.00694	0.004297	0.035601
209366_x_ CYB5A	0.009818	1.43E-05	0.00059
209368_at EPHX2	0.016449	1.2E-06	0.000119
209371_s_ SH3BP2	0.015871	2.59E-06	0.00019
209373_at MALL	0.013204	0.000703	0.009767
209374_s_ IGHM	-0.02602	6.6E-08	2.33E-05
209375_at XPC	0.005461	0.004908	0.038995
209385_s_ PROSC	0.007367	0.002675	0.025801
209390_at TSC1	0.005501	0.000677	0.009496
209392_at ENPP2	0.009418	0.004385	0.036073
209395_at CHI3L1	0.013703	0.000406	0.006551
209396_s_ CHI3L1	0.013609	1.48E-05	0.000603
209409_at GRB10	0.011465	2.53E-06	0.000188

209410_s_GRB10	0.014459	2.04E-08	1.23E-05
209420_s_SMPD1	0.007957	0.000395	0.006428
209439_s_PHKA2	0.005894	0.000189	0.003754
209442_x_ANK3	0.007262	7.48E-05	0.00193
209443_at_SERPINA5	0.010926	0.000808	0.010807
209451_at_TANK	-0.0077	0.001252	0.014976
209458_x_HBA1	-0.01859	0.000744	0.010169
209459_s_ABAT	0.017263	1.16E-05	0.000512
209460_at_ABAT	0.020217	1.26E-07	3.02E-05
209465_x_PTN	-0.01194	7.39E-05	0.001913
209468_at_LRP5	0.011592	7.61E-07	9.15E-05
209493_at_PDZD2	0.014164	1.48E-05	0.000603
209498_at_CEACAM1	0.009457	0.000403	0.006525
209503_s_PSMC5	0.005604	0.00111	0.013698
209514_s_RAB27A	-0.00947	0.001221	0.014714
209515_s_RAB27A	-0.00876	0.000319	0.005478
209522_s_CRAT	0.010365	0.000265	0.004791
209524_at_HDGFRP3	-0.00521	0.006533	0.047497
209525_at_HDGFRP3	-0.00758	0.00149	0.017071
209526_s_HDGFRP3	-0.00573	0.005105	0.040028
209529_at_PPAP2C	-0.005	0.006177	0.04564
209531_at_GSTZ1	0.006314	0.002253	0.022759
209539_at_ARHGEF6	-0.01013	0.00162	0.018085
209550_at_NDN	-0.00697	9.93E-05	0.002372
209563_x_CALM1	0.003406	0.002038	0.021263
209571_at_CIR1	-0.00498	0.001765	0.019275
209572_s_EED	-0.00499	0.001671	0.018492
209576_at_GNAI1	-0.00862	0.001268	0.015139
209577_at_PCYT2	0.011347	4.43E-05	0.001318
209581_at_PLA2G16	0.009535	0.000118	0.002673
209590_at_BMP7	0.010964	0.003146	0.028761
209600_s_ACOX1	0.011119	6.44E-07	8.2E-05
209605_at_TST	0.009503	2.15E-05	0.000774
209606_at_CYTIP	-0.01404	7.86E-06	0.000397
209608_s_ACAT2	0.006156	0.003538	0.031174
209612_s_ADH1B	-0.01851	1.21E-05	0.000526
209613_s_ADH1B	-0.02005	4.43E-05	0.001318
209614_at_ADH1B	-0.01281	1.63E-05	0.00063
209618_at_CTNND2	-0.00614	0.002941	0.027494
209620_s_ABCB7	0.004333	0.004018	0.034025
209623_at_MCCC2	0.008543	8.14E-05	0.002041
209624_s_MCCC2	0.009984	4.7E-06	0.000285
209645_s_ALDH1B1	0.011705	0.000122	0.002756
209657_s_HSF2	-0.00566	0.003805	0.032837
209662_at_CETN3	-0.00445	0.002944	0.027494
209663_s_ITGA7	0.009592	8.21E-05	0.002052
209667_at_CES2	0.011418	6.11E-06	0.000339
209668_x_CES2	0.018779	4.76E-06	0.000286
209670_at_TRAC	-0.00887	2.49E-05	0.000862
209671_x_TRAC	-0.01458	2.01E-06	0.000164
209683_at_FAM49A	-0.00646	0.003741	0.032493
209685_s_PRKCB	-0.01357	5.24E-06	0.000306
209686_at_S100B	-0.01311	8.84E-08	2.63E-05

209688_s_CCDC93	0.005114	0.006482	0.047279
209689_at_CCDC93	0.006816	0.002962	0.02756
209691_s_DOK4	5.76E-03	0.003288	0.02975
209696_at_FBP1	0.019654	1.48E-07	3.32E-05
209700_x_PDE4DIP	-0.00689	0.005337	0.041253
209703_x_METTL7A	0.008622	9.17E-06	0.000438
209708_at_MOXD1	-0.01969	1.1E-05	0.000497
209711_at_SLC35D1	0.011926	0.000425	0.006771
209712_at_SLC35D1	0.009932	0.001047	0.013099
209713_s_SLC35D1	0.004932	0.006462	0.047182
209722_s_SERPINB9	-0.00538	0.005054	0.039794
209732_at_CLEC2B	-0.01829	1.23E-06	0.000121
209734_at_NCKAP1L	-0.00992	1.54E-05	0.000614
209736_at_SOX13	0.005878	0.004774	0.038243
209749_s_ACE	0.007763	5.4E-05	0.00153
209752_at_REG1A	-0.01049	0.007078	0.049976
209757_s_MYCN	0.010874	0.000258	0.004693
209762_x_SP110	-0.00884	0.000966	0.012303
209764_at_MGAT3	0.007819	0.000925	0.011936
209765_at_ADAM19	-0.00524	0.003871	0.033216
209771_x_CD24	-0.00808	1.61E-05	0.000627
209780_at_PHTF2	-0.00735	0.005122	0.040095
209783_at_DBP	0.00531	0.002315	0.023242
209786_at_HMGN4	-0.00589	0.001717	0.018838
209788_s_ERAP1	-0.00633	0.004049	0.034142
209791_at_PADI2	0.008686	0.002593	0.02524
209795_at_CD69	-0.02154	5.47E-07	7.47E-05
209806_at_HIST1H2B	-0.01091	0.001028	0.012913
209818_s_HABP4	0.006847	0.00094	0.01207
209821_at_IL33	-0.00775	0.000946	0.012124
209825_s_UCK2	0.006593	0.000617	0.008834
209827_s_IL16	-0.01368	4.17E-06	0.000266
209828_s_IL16	-0.00743	0.001372	0.016003
209835_x_CD44	-0.01348	0.000679	0.009499
209869_at_ADRA2A	-0.01059	1.84E-05	0.000688
209874_x_CNNM2	0.007114	0.000111	0.002554
209879_at_SELPLG	-0.00787	0.000193	0.003803
209881_s_LAT	-0.00484	0.002795	0.026619
209882_at_RIT1	0.003962	0.005856	0.04399
209897_s_SLIT2	0.015884	4.05E-08	1.79E-05
209900_s_SLC16A1	0.00933	0.001371	0.016003
209904_at_TNNC1	0.008719	0.002648	0.025595
209906_at_C3AR1	-0.01044	0.000366	0.006065
209911_x_HIST1H2B	0.006593	0.004636	0.037499
209916_at_DHTKD1	0.019351	3.73E-06	0.000245
209918_at_GGTLC2	0.00835	0.001711	0.018792
209919_x_GGT1	0.009898	0.000742	0.010162
209921_at_SLC7A11	-0.00681	0.006897	0.049169
209928_s_MSC	-0.00524	0.002457	0.024242
209933_s_CD300A	-0.00685	0.004936	0.03909
209949_at_NCF2	-0.01509	2.86E-05	0.000951
209961_s_HGF	-0.01188	0.000962	0.012279
209964_s_ATXN7	0.006165	0.004074	0.034303

209966_x_ESRRG	0.007443	0.001582	0.017767
209970_x_CASP1	-0.01484	6.77E-07	8.54E-05
209977_at_PLG	0.038399	4.38E-10	1.62E-06
209978_s_LPA	0.040288	1.23E-09	2.5E-06
209980_s_SHMT1	0.014647	7.92E-06	0.000397
209987_s_ASCL1	-0.00388	0.003886	0.033312
209993_at_ABCB1	0.012201	8.11E-05	0.002035
209994_s_ABCB1	0.010696	0.000148	0.003158
209995_s_TCL1A	-0.00797	0.00101	0.01273
209999_x_SOCS1	-0.00363	0.00422	0.0352
210009_s_GOSR2	0.00827	0.004936	0.03909
210014_x_IDH3B	0.007787	0.000226	0.004263
210020_x_CALML3	0.009497	0.002803	0.026669
210021_s_CCNO	-0.0071	0.000189	0.003751
210029_at_IDO1	-0.00631	0.000797	0.010723
210031_at_CD247	-0.01031	5.89E-07	7.81E-05
210041_s_PGM3	0.007597	0.001674	0.018504
210045_at_IDH2	0.013937	7.49E-05	0.001932
210046_s_IDH2	0.009038	6.1E-05	0.00166
210049_at_SERPINC1	0.006802	0.005528	0.042142
210059_s_MAPK13	-0.00564	0.006853	0.048931
210060_at_PDE6G	-0.00584	0.001456	0.016767
210072_at_CCL19	-0.02256	5.52E-07	7.49E-05
210074_at_CTSL2	0.01875	3.2E-07	5.25E-05
210079_x_KCNAB1	0.007043	0.000839	0.01114
210081_at_AGER	-0.00501	0.005271	0.040922
210083_at_SEMA7A	-0.00483	0.003806	0.032837
210084_x_TPSAB1	-0.01572	6.3E-06	0.000348
210085_s_ANXA9	0.011723	0.000675	0.009487
210114_at_INVS	0.007678	0.000249	0.004584
210115_at_RPL39L	-0.00847	1.47E-05	0.000603
210116_at_SH2D1A	-0.01382	9.18E-05	0.002234
210119_at_KCNJ15	0.00823	3.62E-05	0.001127
210130_s_TM7SF2	0.005583	0.005384	0.041486
210140_at_CST7	-0.01211	0.000131	0.00289
210145_at_PLA2G4A	-0.01055	0.000365	0.006056
210146_x_LILRB2	-0.01305	0.000357	0.005963
210166_at_TLR5	-0.00761	0.000562	0.008298
210173_at_PTPRJ	0.005873	0.00404	0.034117
210184_at_ITGAX	-0.00523	0.006441	0.047104
210199_at_CRYAA	0.016811	4.19E-05	0.001262
210201_x_BIN1	0.011319	2.51E-05	0.000867
210223_s_MR1	-0.00606	0.004631	0.037476
210235_s_PPFIA1	0.005724	0.001878	0.020072
210237_at_ARTN	-0.00542	0.001669	0.01848
210254_at_MS4A3	-0.00493	0.00367	0.032021
210258_at_RGS13	-0.00719	0.000742	0.010162
210260_s_TNFAIP8	-0.00882	0.000662	0.009337
210289_at_NAT8	0.018956	8.69E-05	0.002142
210293_s_SEC23B	-0.00711	0.006537	0.047497
210329_s_SGCD	-0.00612	0.003084	0.028369
210330_at_SGCD	-0.00661	0.003764	0.032624
210331_at_HECW1	0.008164	0.006527	0.047474

210337_s_ACLY	0.009098	2.54E-06	0.000188
210338_s_HSPA8	0.007788	1.27E-05	0.000544
210340_s_CSF2RA	-0.00611	0.002945	0.027494
210343_s_SLC22A6	0.02394	1.23E-07	3.02E-05
210356_x_MS4A1	-0.02087	2.74E-06	0.000198
210359_at_MTSS1	0.011181	0.000317	0.005457
210361_s_ELF2	-0.00702	0.000124	0.002783
210371_s_RBBP4	-0.00417	0.001818	0.019636
210374_x_PTGER3	0.010048	5.81E-05	0.00161
210375_at_PTGER3	0.011393	0.000463	0.007219
210377_at_ACSM3	0.01119	0.000837	0.01112
210390_s_CCL14-CC	0.013416	0.000357	0.005963
210399_x_FUT6	0.00969	7.3E-06	0.000383
210400_at_GRIN2C	-0.00438	0.003032	0.028059
210418_s_IDH3B	0.00947	1.94E-05	0.000714
210426_x_RORA	0.01038	1.05E-07	2.73E-05
210427_x_ANXA2	-0.00842	0.002917	0.027368
210439_at_ICOS	-0.00862	0.002961	0.02756
210448_s_P2RX5	-0.00817	0.000716	0.00987
210451_at_PKLR	0.018849	1.56E-06	0.000141
210452_x_CYP4F2	0.023695	1.94E-07	3.77E-05
210476_s_PRLR	0.01757	4.77E-07	6.64E-05
210479_s_RORA	0.010115	6.09E-06	0.000338
210480_s_MYO6	0.007233	0.00011	0.002532
210493_s_MFAP3L	0.008973	4.92E-05	0.001439
210495_x_FN1	-0.0088	0.00193	0.02048
210513_s_VEGFA	0.013192	2.54E-06	0.000188
210529_s_FAM115A	0.009101	0.001402	0.016282
210538_s_BIRC3	-0.0121	0.000377	0.006188
210544_s_ALDH3A2	0.010636	0.000796	0.010723
210549_s_CCL23	-0.00594	0.000977	0.012412
210565_at_GCGR	-0.0047	0.005683	0.042991
210572_at_PCDHA2	-0.00539	0.003394	0.030299
210607_at_FLT3LG	-0.0061	0.001116	0.013741
210619_s_HYAL1	0.010352	4.76E-05	0.001398
210627_s_MOGS	0.005627	0.0025	0.024546
210629_x_LST1	-0.01293	1.16E-06	0.000117
210633_x_KRT10	-0.00408	0.006827	0.04878
210640_s_GPER	0.005582	0.002952	0.027529
210644_s_LAIR1	-8.41E-03	0.000478	0.007392
210648_x_SNX3	-0.00365	0.000304	0.005295
210653_s_BCKDHB	0.009355	0.000518	0.00783
210654_at_TNFRSF10	0.006583	1.55E-05	0.000615
210659_at_CMKLR1	-0.00538	0.004639	0.03751
210660_at_LILRA1	-0.00623	0.005537	0.042196
210663_s_KYNU	0.013592	1.69E-05	0.000648
210688_s_CPT1A	0.007084	0.00667	0.048085
210701_at_CFDP1	0.007305	0.002061	0.021356
210704_at_FEZ2	-0.00431	0.006795	0.04867
210732_s_LGALS8	0.006651	0.005766	0.043484
210737_at_TUB	0.006023	0.000146	0.003135
210738_s_SLC4A4	0.019584	9.03E-06	0.000437
210739_x_SLC4A4	0.018082	1.78E-07	3.59E-05

210740_s_ITPK1	0.002954	0.00315	0.028761
210742_at_CDC14A	0.009864	0.00178	0.01938
210743_s_CDC14A	0.008845	0.003852	0.03309
210744_s_IL5RA	-0.00498	0.005931	0.044423
210750_s_DLGAP1	-0.00523	0.001615	0.018048
210751_s_RGN	0.009047	0.00296	0.02756
210754_s_LYN	-0.00825	0.001797	0.019502
210757_x_DAB2	0.007418	0.000233	0.004368
210785_s_C1orf38	-0.00759	0.002951	0.027526
210786_s_FLI1	-0.00958	1.78E-05	0.000673
210791_s_ARHGAP3	0.007154	0.00208	0.021524
210796_x_SIGLEC6	-0.00926	6.95E-05	0.001824
210804_x_SLC8A1	0.010395	0.000923	0.011932
210807_s_SLC16A7	0.010721	0.000353	0.00592
210820_x_COQ7	0.006134	0.003029	0.028047
210824_at	0.008014	0.00665	0.048054
210825_s_PEBP1	0.00318	0.002694	0.025928
210829_s_SSBP2	-0.00648	0.001007	0.012708
210831_s_PTGER3	0.009021	0.000557	0.008257
210832_x_PTGER3	0.011711	1.49E-05	0.000603
210833_at_PTGER3	0.014713	6.33E-06	0.000348
210834_s_PTGER3	0.014552	2.92E-05	0.000963
210839_s_ENPP2	0.012487	6.16E-07	8.02E-05
210840_s_IQGAP1	-0.00724	9.49E-05	0.002284
210843_s_MFAP3L	0.008024	0.000153	0.003242
210852_s_AASS	0.008468	1.4E-05	0.00058
210854_x_SLC6A8	0.011202	0.002821	0.026766
210871_x_SSX2IP	0.009967	1.32E-05	0.000557
210883_x_EFNB3	-4.33E-03	0.003134	0.028721
210889_s_FCGR2B	-0.01278	3.03E-07	5.07E-05
210895_s_CD86	-0.00862	0.000169	0.003473
210896_s_ASPH	0.008817	0.004897	0.038973
210912_x_GSTM4	0.010581	7.23E-06	0.00038
210915_x_TRBC1	-0.02395	4.35E-07	6.38E-05
210916_s_CD44	-0.01286	0.00451	0.036695
210930_s_ERBB2	0.007623	0.0022	0.022384
210944_s_CAPN3	0.013734	0.000424	0.006758
210947_s_MSH3	0.007068	0.000571	0.008411
210951_x_RAB27A	-0.01094	0.000482	0.007433
210958_s_MAST4	6.34E-03	0.000699	0.009728
210961_s_ADRA1D	-0.00346	0.006295	0.046344
210966_x_LARP1	0.008233	0.00095	0.012162
210972_x_TRAC	-0.01449	3.39E-05	0.001067
210981_s_GRK6	-0.00593	0.003363	0.030146
210982_s_HLA-DRA	-0.01169	0.000305	0.005305
210983_s_MCM7	-0.00554	0.000205	0.003984
210984_x_EGFR	0.006013	0.005117	0.04007
210986_s_TPM1	-0.00968	5.82E-05	0.00161
210987_x_TPM1	-7.25E-03	0.00037	0.006098
210992_x_FCGR2C	-0.00796	9.39E-05	0.002269
210996_s_YWHAE	0.002935	0.000304	0.005291
210999_s_GRB10	7.80E-03	8.04E-05	0.002023
211002_s_TRIM29	-0.00693	0.004736	0.038016

211005_at LAT	-0.01043	0.000415	0.006665
211016_x_HSPA4	0.007669	0.000211	0.004069
211020_at GCNT2	0.005883	0.004563	0.037041
211028_s_KHK	0.023065	2.55E-08	1.37E-05
211034_s_C12orf51	0.005804	0.000108	0.002505
211042_x_MCAM	-0.00555	0.002508	0.024589
211063_s_NCK1	-0.00726	0.0022	0.022384
211067_s_GAS7	-0.00503	0.002729	0.026179
211075_s_CD47	-0.00799	0.000602	0.008684
211083_s_MAP3K13	0.009617	7.81E-05	0.001988
211103_at MYO7A	0.007274	0.006812	0.048714
211105_s_NFATC1	-0.00715	0.000407	0.006566
211136_s_CLPTM1	0.0153	8.33E-06	0.000412
211138_s_KMO	0.0198	1.1E-06	0.000114
211161_s_COL3A1	-0.01639	0.000131	0.002901
211162_x_SCD	0.007962	0.000251	0.00461
211168_s_UPF1	0.007412	0.000172	0.003513
211174_s_CCKAR	-0.00356	0.005278	0.040928
211178_s_PSTPIP1	-0.00461	0.004397	0.03613
211179_at RUNX1	-0.00469	0.006627	0.047977
211184_s_USH1C	0.01304	0.000384	0.006294
211185_s_SF3B1	-0.00334	0.003862	0.033156
211189_x_CD84	-0.00705	0.000232	0.00435
211190_x_CD84	-0.00871	0.000202	0.003947
211192_s_CD84	-0.01183	1.52E-05	0.00061
211210_x_SH2D1A	-0.00504	0.003905	0.033379
211211_x_SH2D1A	-0.00605	0.001188	0.014409
211231_x_CYP4A11	0.027506	1.72E-09	2.95E-06
211266_s_GPR4	-5.83E-03	0.00237	0.023597
211270_x_PTBP1	0.002585	0.005026	0.039637
211276_at TCEAL2	0.011624	0.000213	0.004109
211298_s_ALB	0.035594	1.07E-07	2.73E-05
211302_s_PDE4B	-0.00685	0.000788	0.010659
211303_x_FOLH1B	0.022032	5.88E-07	7.81E-05
211320_s_PTPRU	-0.00466	0.005405	0.041592
211322_s_SARDH	0.012447	5.92E-05	0.001623
211339_s_ITK	-0.00896	0.000324	0.005544
211347_at CDC14B	0.006315	3.97E-03	0.033757
211348_s_CDC14B	0.005044	0.00065	0.009188
211357_s_ALDOB	0.012088	0.000409	0.006582
211360_s_ITPR2	0.006257	0.001595	0.017883
211366_x_CASP1	-0.01448	2.97E-07	5.01E-05
211367_s_CASP1	-0.01061	0.002596	0.025251
211368_s_CASP1	-0.01803	4.62E-07	6.53E-05
211382_s_TACC2	0.007537	0.000224	0.004241
211395_x_FCGR2C	-0.00958	0.000588	0.008539
211401_s_FGFR2	0.011547	0.000145	0.003134
211406_at IER3IP1	3.80E-03	0.003463	0.030757
211416_x_GGTLC1	0.008843	0.000514	0.007779
211417_x_GGT1	0.010379	0.000155	0.003268
211421_s_RET	-0.00773	0.000876	0.011446
211429_s_SERPINA1	0.013386	9.89E-07	0.000108
211430_s_IGHG1	-0.02861	0.000146	0.003136

211432_s_TYRO3	0.010637	0.001812	0.019609
211447_s_PDE4A	-0.00412	0.002979	0.027684
211453_s_AKT2	0.005848	0.003967	0.033701
211456_x_MT1P2	0.009908	0.002569	0.02507
211465_x_FUT6	0.014086	8.04E-08	2.62E-05
211478_s_DPP4	0.013981	0.000101	0.002395
211494_s_SLC4A4	0.014401	8.57E-07	9.74E-05
211502_s_CDK14	0.007004	0.000106	0.002474
211505_s_STAU1	0.010128	0.000197	0.003868
211509_s_RTN4	0.003042	0.006054	0.045063
211527_x_VEGFA	0.008033	0.000797	0.010723
211530_x_HLA-G	-0.00583	0.000615	0.00882
211542_x_RPS10	-0.00919	2.12E-05	0.000765
211549_s_HPGD	0.006609	0.006708	0.048238
211552_s_ALDH4A1	0.016614	4.63E-07	6.53E-05
211569_s_HADH	0.015512	7.22E-07	8.78E-05
211570_s_RAPSN	-0.00393	0.007029	0.049725
211571_s_VCAN	-0.01889	0.001227	0.014773
211576_s_SLC19A1	0.007398	0.00691	0.049212
211581_x_LST1	-0.01594	9.71E-08	2.7E-05
211582_x_LST1	-1.51E-02	1.54E-06	0.00014
211597_s_HOPX	-0.02298	9.49E-08	2.68E-05
211615_s_LRPPRC	0.006428	0.001138	0.01395
211630_s_GSS	0.008698	0.000437	0.006919
211633_x_at	-0.01059	0.001693	0.01865
211634_x_IGHM	-0.01272	0.006116	0.045322
211635_x_IGHA1	-0.01058	0.003129	0.028692
211639_x_IGHA1	-0.00885	0.006475	0.047244
211640_x_IGHG1	-0.01176	0.001076	0.01338
211641_x_IGHA1	-0.00985	0.003006	0.027866
211643_x_IGK@	-0.01622	0.002146	0.022005
211644_x_IGK@	-0.02044	0.0024	0.023813
211645_x_at	-0.01881	0.000789	0.010671
211647_x_IGHG1	-0.0089	0.001092	0.013535
211648_at_IGHG1	-5.31E-03	0.005173	0.040319
211649_x_IGHA1	-0.00679	0.002768	0.026469
211682_x_UGT2B28	0.010885	7.38E-06	0.000386
211696_x_HBB	-0.02033	0.000101	0.002391
211699_x_HBA1	-0.0186	0.00083	0.011049
211704_s_SPIN2A	-0.00427	0.004647	0.037532
211708_s_SCD	0.008748	0.002295	0.023084
211712_s_ANXA9	0.009246	1.45E-05	0.000595
211719_x_FN1	-0.00901	0.002281	0.022963
211725_s_BID	-0.00859	0.000116	0.002637
211734_s_FCER1A	-0.01958	1.14E-05	0.000506
211742_s_EVI2B	-0.01887	9.29E-07	0.000103
211743_s_PRG2	-0.00463	0.003678	0.032068
211745_x_HBA1	-0.0202	0.000254	0.004639
211776_s_EPB41L3	0.010923	9.12E-06	0.000438
211778_s_OVOL2	-0.00675	0.000407	0.006566
211790_s_MLL2	0.005528	0.005824	0.043816
211791_s_KCNAB2	0.00499	0.006579	0.047721
211794_at_FYB	-0.0117	0.000317	0.005461

211795_s_FYB	-0.01518	1.51E-07	3.34E-05
211796_s_TRBC1	-0.02838	3.76E-06	0.000245
211802_x_CACNA1G	-0.00488	0.000259	0.004701
211806_s_KCNJ15	0.014037	4.11E-06	0.000263
211822_s_NLRP1	-0.00532	0.001425	0.016461
211826_s_AFF1	0.005421	0.003671	0.032021
211831_s_THPO	0.007268	0.002199	0.022384
211835_at_IGKV1-5	-0.00452	0.003148	0.028761
211841_s_TNFRSF25	-0.00337	0.006934	0.049319
211843_x_CYP3A7	0.012938	4.34E-05	0.001299
211856_x_CD28	-0.0046	0.006404	0.046911
211864_s_MYOF	-0.0082	0.004152	0.034747
211868_x_IGHA1	-0.00561	0.005429	0.041721
211882_x_FUT6	0.005856	0.001179	0.014314
211883_x_CEACAM1	0.010701	7.11E-06	0.000374
211885_x_FUT6	0.010796	0.000125	0.002807
211887_x_MSR1	-0.00942	0.002322	0.023275
211889_x_CEACAM1	0.006428	0.001535	0.017431
211890_x_CAPN3	0.017621	1.24E-05	0.000535
211900_x_CD6	-0.00485	0.004245	0.035297
211902_x_TRD@	-0.01196	3.66E-05	0.001138
211907_s_PARD6B	0.006943	0.000149	0.003181
211910_at	-0.00499	0.003063	0.028196
211917_s_PRLR	0.015078	1.29E-05	0.000549
211918_x_PAPPA2	-0.0113	0.003845	0.033057
211919_s_CXCR4	-0.01755	0.00026	0.004722
211922_s_CAT	0.011705	1.84E-05	0.000688
211932_at_HNRNPA3	-0.00351	0.003336	0.030041
211941_s_PEBP1	0.009754	0.003981	0.033795
211958_at_IGFBP5	0.010151	0.000544	0.008106
211962_s_ZFP36L1	-0.00733	4.21E-08	1.79E-05
211967_at_TMEM123	-0.0074	0.001092	0.013535
211969_at_HSP90AA1	0.003947	0.003841	0.033042
211971_s_LRPPRC	0.005664	0.000286	0.005058
211977_at_GPR107	0.005619	0.005278	0.040928
211979_at_GPR107	0.006253	0.000302	0.005269
211984_at_CALM1	0.008776	0.00034	0.005762
211985_s_CALM1	0.003958	0.005687	0.043004
211991_s_HLA-DPA1	-0.01283	0.004369	0.035966
211994_at_WNK1	0.006686	0.00442	0.036191
211999_at_H3F3B	-0.00383	0.000882	0.011514
212000_at_SUGP2	0.005502	0.003814	0.032889
212014_x_CD44	-0.01092	0.002397	0.023805
212016_s_PTBP1	0.006356	0.0039	0.033354
212017_at_FAM168B	0.005798	0.002566	0.025048
212022_s_MKI67	-0.00812	0.003188	0.029008
212032_s_PTOV1	0.00898	0.002621	0.025415
212044_s_RPL27A	-0.00643	0.004565	0.037049
212049_at_WIPF2	0.005832	0.002855	0.027057
212051_at_WIPF2	0.006688	0.000398	0.006454
212053_at_PDXDC1	0.006997	0.000346	0.00585
212063_at_CD44	-0.01582	0.000215	0.004116
212068_s_BAT2L1	0.00503	0.002042	0.021275

212083_at TEX261	0.008586	0.001555	0.017548
212103_at KPNA6	0.012287	0.002024	0.021165
212110_at SLC39A14	0.012176	5.4E-05	0.00153
212137_at LARP1	0.006923	0.000624	0.008905
212155_at RNF187	0.003293	0.001606	0.017946
212162_at KIDINS220	0.005699	0.00485	0.038673
212166_at XPO7	0.005315	0.000239	0.004439
212171_x VEGFA	0.007738	0.000732	0.010059
212174_at AK2	0.006598	0.003014	0.027914
212175_s AK2	0.00817	1.22E-05	0.000529
212178_s POM121	6.21E-03	0.000311	0.00539
212192_at KCTD12	-0.00754	0.003373	0.030154
212193_s LARP1	0.011948	0.000403	0.006517
212198_s TM9SF4	7.53E-03	0.005754	0.043419
212203_x IFITM3	-0.01187	0.002046	0.02129
212206_s H2AFV	0.00659	0.001147	0.014001
212216_at PREPL	0.005517	0.001394	0.016216
212221_x IDS	-0.00557	0.00061	0.008773
212226_s PPAP2B	0.013259	1.11E-05	0.000497
212229_s FBXO21	0.008952	0.000492	0.007527
212230_at PPAP2B	0.0059	0.001817	0.019636
212231_at FBXO21	0.00891	1.27E-05	0.000544
212234_at ASXL1	0.004938	0.001071	0.013334
212248_at MTDH	0.00648	0.00313	0.028692
212269_s MCM3AP	0.004154	0.002355	0.023534
212271_at MAPK1	0.005333	0.003913	0.033424
212334_at GNS	0.006434	0.000485	0.007463
212335_at GNS	0.006365	0.005946	0.044525
212352_s TMED10	-0.00606	1.19E-05	0.000522
212359_s KIAA0913	0.005887	0.000402	0.006517
212361_s ATP2A2	0.010233	0.00017	0.003488
212364_at MYO1B	-0.00679	0.001873	0.020038
212369_at ZNF384	0.004723	0.00123	0.014781
212382_at TCF4	-0.00957	0.00189	0.020154
212383_at ATP6V0A1	0.00539	0.003554	0.031284
212387_at TCF4	-0.00657	0.006686	0.048139
212391_x RPS3A	-0.00522	5.09E-05	0.001469
212394_at KIAA0090	0.009193	0.000483	0.007433
212395_s KIAA0090	0.003796	0.004358	0.03593
212401_s CDK11A	-0.00583	0.002881	0.027186
212432_at GRPEL1	0.011919	1.06E-08	7.88E-06
212434_at GRPEL1	0.011039	1.8E-06	0.000154
212438_at SNRNP27	-0.00365	0.006151	0.045503
212445_s NEDD4L	0.008743	1.03E-05	0.000473
212448_at NEDD4L	0.011322	4.41E-07	6.42E-05
212456_at KIAA0664	0.007388	1.48E-06	0.000137
212468_at SPAG9	0.006538	0.000474	0.007351
212470_at SPAG9	0.007195	0.000174	0.003552
212480_at SPECC1L	0.00529	0.004401	0.036135
212482_at RMND5A	0.005518	0.001839	0.019799
212484_at FAM89B	-0.00599	0.000243	0.004496
212503_s DIP2C	0.010495	0.000173	0.00353
212504_at DIP2C	0.017723	2.29E-06	0.000177

212510_at GPD1L	0.006143	0.001058	0.013191
212518_at PIP5K1C	0.004834	0.005453	0.041777
212519_at UBE2E1	-0.00545	0.000235	0.004397
212530_at NEK7	-0.00573	0.003291	0.029768
212558_at SPRY1	-0.00821	0.006445	0.047123
212568_s_DLAT	0.007255	0.001601	0.01792
212569_at SMCHD1	-0.00818	0.000104	0.002431
212587_s_PTPRC	-0.01625	0.000366	0.006064
212588_at PTPRC	-0.01862	1.89E-07	3.73E-05
212592_at IGJ	-0.02095	0.001705	0.018762
212593_s_PDCD4	-0.00443	0.006401	0.046904
212598_at WDFY3	0.008002	0.004583	0.037157
212599_at AUTS2	0.008537	0.000193	0.003803
212600_s_UQCRC2	0.004845	0.007016	0.049649
212602_at WDFY3	0.005986	3.22E-05	0.00103
212636_at QKI	-0.0069	0.001234	0.014808
212646_at RFTN1	-6.61E-03	0.001469	0.016903
212647_at RRAS	-0.00789	0.000574	0.008435
212650_at EHBP1	0.003313	0.006652	0.048054
212651_at RHOBTB1	0.009763	0.000867	0.011391
212655_at ZCCHC14	0.007162	0.002469	0.02434
212656_at TSFM	0.007244	7.89E-05	0.001996
212669_at CAMK2G	0.01156	1.72E-05	0.000658
212671_s_HLA-DQA1	-0.01704	0.003217	0.029238
212683_at SLC25A44	0.006051	0.00212	0.02181
212688_at PIK3CB	0.004118	0.000462	0.007215
212692_s_LRBA	0.004968	0.006454	0.047153
212694_s_PCCB	0.011919	0.000929	0.011972
212695_at CRY2	0.008342	0.000283	0.005014
212699_at SCAMP5	0.004509	0.004034	0.0341
212701_at TLN2	0.020136	9.42E-09	7.49E-06
212703_at TLN2	0.018663	2.23E-10	9.93E-07
212706_at RASA4	0.006998	0.00581	0.043729
212714_at LARP4	0.007437	0.000227	0.004282
212715_s_MICAL3	0.006307	0.005236	0.040745
212722_s_JMJD6	0.005204	0.005965	0.044638
212741_at MAOA	0.013473	1.44E-07	3.28E-05
212748_at MKL1	-0.00456	0.00668	0.048125
212750_at PPP1R16E	0.022547	8.34E-08	2.62E-05
212757_s_CAMK2G	0.009926	0.000127	0.002833
212791_at C1orf216	-0.00516	0.004509	0.036695
212805_at PRUNE2	0.007952	0.00154	0.01746
212806_at PRUNE2	0.012648	1.54E-05	0.000614
212818_s_ASB1	0.005962	0.006758	0.048438
212826_s_SLC25A6	0.003598	0.006955	0.049438
212827_at IGHM	-0.01135	0.003095	0.028419
212836_at POLD3	0.00889	0.000137	0.003008
212857_x_SUB1	-0.00337	0.00171	0.018792
212858_at PAQR4	-0.00487	0.004893	0.038958
212865_s_COL14A1	-0.01699	0.000192	0.003801
212873_at HMHA1	-0.01045	3.31E-05	0.00105
212874_at APOE	0.013342	4.99E-06	0.000295
212883_at APOE	0.021766	3.72E-06	0.000245

212884_x_APOE	0.013213	6.08E-06	0.000338
212890_at_SLC38A10	0.006399	0.003053	0.028175
212894_at_SUPV3L1	0.005872	0.002931	0.027469
212906_at_GRAMD1B	0.013368	3.48E-06	0.000234
212908_at_DNAJC16	0.019295	5.66E-06	0.000325
212911_at_DNAJC16	0.008845	0.000257	0.004684
212923_s_C6orf145	5.93E-03	0.003346	0.030088
212933_x_RPL13	-0.00428	0.001347	0.015829
212950_at_GPR116	0.011358	1.2E-05	0.000526
212951_at_GPR116	0.009252	0.001593	0.017866
212959_s_GNPTAB	-0.0068	0.000946	0.012124
212967_x_NAP1L1	-0.00417	0.004908	0.038995
212992_at_AHNAK2	-0.00753	0.00097	0.01234
212993_at_NACC2	0.006396	0.000785	0.010637
212998_x_HLA-DQB1	-0.0131	0.001111	0.013698
213002_at_MARCKS	-0.01046	0.000156	0.003279
213006_at_CEBPD	0.010528	0.003593	0.031488
213015_at_BBX	0.005771	0.006208	0.045792
213018_at_GATAD1	0.005462	0.005099	0.040007
213021_at_GOSR1	4.43E-03	0.006152	0.045503
213033_s_NFIB	0.0062	0.001117	0.013741
213034_at_SIK3	0.005316	0.003514	0.031025
213037_x_STAU1	0.007406	2.1E-05	0.000762
213040_s_NPTXR	-0.00696	0.000224	0.004239
213045_at_MAST3	0.00751	0.000292	0.005143
213050_at_COBL	0.007344	1.16E-05	0.000514
213060_s_CHI3L2	-0.00544	0.006484	0.047279
213063_at_ZC3H14	0.00616	0.000832	0.011062
213080_x_RPL5	-0.00275	0.001042	0.013053
213113_s_SLC43A3	-0.00779	0.000184	0.003692
213119_at_SLC36A1	0.007465	0.000546	0.008128
213132_s_MCAT	0.008086	0.000338	0.005735
213133_s_GCSH	0.005292	0.006756	0.048438
213136_at_PTPN2	-0.00693	0.000483	0.007433
213137_s_PTPN2	-0.00723	1.83E-05	0.000687
213140_s_SS18L1	0.010446	1.16E-06	0.000117
213151_s_SEPT7	-0.00648	0.000317	0.005453
213160_at_DOCK2	-0.0065	0.000894	0.011593
213164_at_SLC5A3	0.007401	0.001592	0.017861
213169_at_SEMA5A	0.010195	0.00119	0.014422
213180_s_GOSR2	0.00816	0.001545	0.017479
213181_s_MOCS1	0.005746	0.00611	0.045311
213184_at_SENP5	6.22E-03	0.000319	0.005478
213193_x_TRBC1	-0.02742	1.81E-07	3.6E-05
213210_at_TAF6L	0.005403	0.003245	0.029472
213220_at_NCRNA001	-0.00381	0.006658	0.04808
213221_s_SIK2	0.005065	0.004828	0.038547
213225_at_PPM1B	-0.00477	0.004202	0.035087
213239_at_PIBF1	-0.00575	0.003061	0.028196
213262_at_SACS	-0.00893	0.001884	0.020118
213264_at_PCBP2	0.00833	6.44E-06	0.000353
213274_s_CTSB	0.014192	3.13E-06	0.000215
213275_x_CTSB	0.008782	5.25E-06	0.000306

213279_at DHRS1	0.006271	0.000963	0.012283
213289_at APOOL	0.010152	0.001254	0.014991
213293_s_TRIM22	-0.01555	7.83E-07	9.23E-05
213310_at EIF2C2	0.005531	0.001827	0.019703
213317_at CLIC5	0.01347	0.004503	0.036662
213318_s_BAT3	0.010004	0.003896	0.033332
213326_at VAMP1	-0.00714	0.005572	0.042369
213332_at PAPPA2	-0.01346	0.000324	0.005544
213333_at MDH2	0.005569	0.003409	0.030405
213335_s_ST3GAL6	0.005009	0.002227	0.02256
213345_at NFATC4	-0.00641	0.000595	0.008618
213362_at PTPRD	0.008724	3.13E-05	0.001008
213369_at CDHR1	-6.45E-03	0.000573	0.008428
213374_x_HIBCH	0.009809	0.00042	0.006716
213377_x_RPS12	-0.00818	1.53E-05	0.000612
213381_at C10orf72	1.84E-02	3.98E-07	6.04E-05
213383_at SBF1	0.007763	7.84E-05	0.00199
213393_at MFSD9	0.004617	0.005107	0.040028
213400_s_TBL1X	0.004675	0.005481	0.0419
213401_s_at	0.007149	0.005253	0.040823
213403_at	0.007331	0.001937	0.020543
213407_at PHLPP2	0.010022	2.37E-05	0.000828
213412_at TJP3	-0.00406	0.003491	0.030937
213433_at ARL3	0.005849	0.004665	0.037628
213440_at RAB1A	0.004609	0.001286	0.015282
213448_at	0.008707	0.000852	0.011255
213454_at APITD1	0.00584	0.006666	0.048085
213475_s_ITGAL	-0.0071	0.003116	0.0286
213476_x_TUBB3	0.00659	0.006777	0.048558
213478_at KAZ	0.009066	0.00299	0.027751
213501_at ACOX1	0.00975	6.73E-05	0.00178
213503_x_ANXA2	-0.00857	0.002249	0.02273
213504_at COPS6	0.00893	9.36E-06	0.000441
213509_x_CES2	0.018656	3.6E-07	5.68E-05
213513_x_ARPC2	-0.00384	0.001365	0.015967
213524_s_G0S2	0.005888	0.005509	0.042041
213535_s_UBE2I	-0.00525	4.48E-05	0.001329
213537_at HLA-DPA1	-0.01139	0.000885	0.011523
213539_at CD3D	-0.01602	8.91E-06	0.000436
213543_at SGCD	-0.00481	0.006632	0.047986
213544_at ING2	0.004711	0.004701	0.037809
213545_x_SNX3	-0.00566	0.002582	0.025153
213546_at DKFZP586	0.007148	0.001294	0.015343
213549_at PDZD8	0.010025	0.000446	0.007035
213551_x_PCGF2	0.00775	0.000307	0.005332
213552_at GLCE	0.007396	0.001117	0.013741
213563_s_TUBGCP2	0.003496	0.004285	0.035548
213564_x_LDHB	0.003146	0.001749	0.019133
213566_at RNASE6	-0.0169	4.71E-06	0.000285
213587_s_ATP6V0E2	0.008994	0.000695	0.00968
213595_s_CDC42BP1	0.007382	0.00338	0.030206
213603_s_RAC2	-0.01799	1.05E-07	2.73E-05
213612_x_NBPF10	-0.00568	0.00318	0.028962

213620_s_ICAM2	-0.00638	0.001952	0.020654
213624_at SMPDL3A	0.010313	0.000117	0.002664
213625_at ZKSCAN4	-0.00605	0.000935	0.012028
213626_at CBR4	5.43E-03	0.002878	0.02717
213642_at	-0.00592	0.000101	0.002395
213657_s_at	0.015912	3.34E-07	5.32E-05
213658_at	0.010255	0.000831	0.011057
213663_s_at	0.010924	0.000287	0.005069
213664_at SLC1A1	0.015663	9.7E-07	0.000107
213667_at SRCAP	-0.00325	0.004966	0.039258
213674_x_IGHD	-0.01186	5.98E-05	0.001636
213687_s_RPL35A	-0.00619	6.33E-05	0.001704
213692_s_VDR	0.010663	0.000105	0.002464
213697_at HIPK3	0.0052	0.002288	0.023018
213705_at LOC10050	0.007162	1.81E-05	0.00068
213706_at GPD1	0.021734	1.9E-06	0.000158
213713_s_GLB1L2	0.012486	2.12E-05	0.000765
213714_at CACNB2	0.006931	0.001604	0.017932
213724_s_PDK2	0.014761	7.1E-06	0.000374
213726_x_TUBB2C	0.005056	0.002003	0.021053
213728_at LAMP1	0.004923	0.004703	0.037812
213733_at MYO1F	-0.00705	0.000176	0.003571
213738_s_ATP5A1	0.006159	2.1E-05	0.000762
213739_at	0.009106	0.000427	0.006792
213758_at COX4I1	0.006333	0.000941	0.012077
213763_at HIPK2	0.014603	9.36E-06	0.000441
213766_x_GNA11	0.0055	0.001291	0.015311
213787_s_EBP	0.010778	0.001326	0.01563
213792_s_INSR	0.014717	4.32E-08	1.79E-05
213800_at CFH	-0.01126	0.000871	0.011416
213801_x_RPSA	-0.005	0.00128	0.015245
213806_at PURA	0.005058	0.006751	0.04842
213814_s_SNTB2	0.006467	0.001224	0.014741
213823_at HOXA11	-0.00818	0.000404	0.006535
213830_at TRD@	-0.00655	0.001789	0.019443
213836_s_WIP11	0.007035	0.003219	0.029244
213839_at CLMN	0.005794	0.004478	0.036543
213857_s_CD47	-0.01022	1.7E-06	0.000149
213861_s_FAM119B	0.01001	0.001233	0.014806
213862_at PNPLA2	0.00588	0.004652	0.03756
213864_s_NAP1L1	-0.00486	0.000344	0.005811
213869_x_THY1	0.017405	5.86E-08	2.29E-05
213874_at SERPINA4	0.008175	0.000276	0.004933
213879_at	-0.00474	5.78E-05	0.00161
213881_x_SUMO2	-5.10E-03	7.98E-05	0.00201
213890_x_RPS16	-0.00337	0.002173	0.022217
213891_s_TCF4	-0.00977	0.001526	0.017403
213906_at MYBL1	-0.00643	0.003333	0.030025
213909_at LRRC15	-0.00477	0.005115	0.040067
213915_at NKG7	-0.00768	0.000282	0.005002
213933_at PTGER3	0.012408	0.000162	0.003364
213940_s_FNBP1	-0.00444	0.002365	0.023589
213944_x_GNA11	0.004092	0.005099	0.040007

213948_x_CADM3	-0.0051	0.001407	0.016316
213958_at_CD6	-0.00741	0.001352	0.015867
213967_at_RALYL	0.019031	1.18E-05	0.000518
213975_s_LYZ	-0.02898	2.46E-08	1.37E-05
213985_s_C19orf6	0.008396	0.005183	0.040385
213994_s_SPON1	-0.01255	0.002406	0.023864
214000_s_RGS10	-0.015	1.05E-05	0.000482
214001_x_at	-0.00718	7.55E-06	0.000389
214003_x_RPS20	-0.00297	0.001794	0.019477
214020_x_ITGB5	-0.00485	0.003261	0.02959
214022_s_IFITM1	-0.01557	3.85E-05	0.001182
214033_at_ABCC6	0.012479	0.000447	0.007043
214038_at_CCL8	-0.0133	0.002492	0.024498
214041_x_RPL37A	-0.00341	9.13E-05	0.002227
214043_at_PTPRD	0.008783	0.003775	0.032674
214051_at_TMSB15B	-0.0113	7.91E-06	0.000397
214052_x_BAT2L2	-0.00606	0.001649	0.018341
214054_at_DOK2	-0.00412	0.006328	0.046557
214066_x_NPR2	0.005036	0.002791	0.026617
214069_at_ACSM2A	0.021784	4.19E-07	6.23E-05
214080_x_PRKCSH	0.005663	0.000201	0.00392
214084_x_NCF1C	-0.00527	0.003149	0.028761
214088_s_FUT3	0.018978	3.79E-09	5.62E-06
214091_s_GPX3	0.007568	3.33E-05	0.001052
214095_at_SHMT2	0.006491	0.004771	0.038243
214107_x_LOC44043	0.00389	0.004123	0.034583
214116_at	0.008604	0.000433	0.006873
214118_x_PCM1	-0.00496	0.000672	0.009465
214149_s_ATP6V0E1	-0.00311	0.006114	0.045322
214150_x_ATP6V0E1	-0.00364	0.000156	0.003279
214170_x_FH	0.005023	0.006161	0.045539
214179_s_NFE2L1	0.008187	3.31E-05	0.00105
214180_at_MAN1C1	0.007382	0.001656	0.018384
214181_x_LST1	-0.01741	1.57E-06	0.000142
214189_s_GGA2	0.006098	0.00244	0.024112
214190_x_GGA2	0.007191	0.000273	0.004896
214203_s_PRODH	0.009439	0.000687	0.009594
214204_at_PACRG	0.006443	0.003167	0.028888
214212_x_FERMT2	0.00512	0.003536	0.031174
214215_s_LARP4B	0.009787	0.000465	0.007241
214216_s_LARP4B	0.006402	0.004689	0.037737
214219_x_MAP4K1	-0.00912	0.00042	0.006716
214231_s_KIAA0564	0.009289	1.03E-05	0.000473
214234_s_CYP3A5	0.013269	5.79E-05	0.00161
214235_at_CYP3A5	0.012325	1.28E-05	0.000547
214243_s_SERHL	-0.00563	0.003062	0.028196
214261_s_ADH6	0.016305	1E-06	0.000108
214268_s_MTMR4	0.006796	0.000273	0.004889
214271_x_RPL12	-4.96E-03	0.000537	0.008033
214274_s_ACAA1	0.014933	6.37E-08	2.33E-05
214286_at_GNAT1	-0.00382	0.005448	0.041765
214308_s_HGD	0.012783	5.16E-05	0.001479
214321_at_NOV	-1.49E-02	4.69E-07	6.57E-05

214332_s_TSMF	0.008084	0.000327	0.005591
214339_s_MAP4K1	-0.00875	0.000925	0.011936
214342_at_ATXN7L1	0.00695	0.005669	0.04293
214343_s_ATXN7L1	9.89E-03	0.000748	0.010216
214347_s_DDC	0.014281	0.000985	0.012491
214367_at_RASGRP2	-5.34E-03	0.004226	0.035219
214369_s_RASGRP2	-0.00895	4.1E-05	0.00124
214370_at_S100A8	-0.01325	0.002211	0.022452
214389_at_SLC5A12	0.021809	1.3E-05	0.000552
214400_at_INSL3	-0.00559	0.001585	0.017802
214414_x_HBA1	-0.02869	4E-05	0.001216
214423_x_ALDOB	0.020943	2.06E-06	0.000166
214424_s_ALDOB	0.028547	4.28E-06	0.00027
214428_x_C4A	0.010329	0.000122	0.002756
214433_s_SELENBP1	0.011305	2.1E-05	0.000762
214434_at_HSPA12A	0.010646	1.49E-05	0.000603
214437_s_SHMT2	0.008908	0.001306	0.015463
214438_at_HLX	-0.00599	0.002327	0.023319
214439_x_BIN1	0.009547	0.000174	0.003552
214447_at_ETS1	-0.00574	0.003593	0.031488
214450_at_CTSW	-0.00593	0.00105	0.013134
214453_s_IFI44	-0.01336	9.62E-05	0.002306
214456_x_SAA1	-0.01211	9.63E-05	0.002307
214467_at_GPR65	-0.0083	0.000786	0.010649
214469_at_HIST1H2A	-0.01177	0.000495	0.007567
214470_at_KLRB1	-0.01646	1.68E-07	3.47E-05
214472_at_HIST1H2A	-0.00365	0.002231	0.022579
214475_x_CAPN3	0.016545	4.09E-05	0.001239
214481_at_HIST1H2A	-0.00567	0.001557	0.017557
214490_at_ARSF	0.018378	2.63E-07	4.57E-05
214493_s_INADL	0.004896	0.004603	0.03729
214499_s_BCLAF1	-0.00379	0.003632	0.031739
214504_at_ABO	0.007276	0.006148	0.045503
214511_x_FCGR1B	-0.00848	0.000888	0.011564
214533_at_CMA1	-0.0081	2.77E-05	0.000931
214534_at_HIST1H1B	-0.0058	0.000867	0.011391
214537_at_HIST1H1D	-0.01197	1.39E-05	0.00058
214545_s_PROSC	0.007955	0.001874	0.020038
214560_at_FPR3	-0.0102	0.003507	0.030983
214567_s_XCL1	-0.01285	7.43E-06	0.000387
214574_x_LST1	-0.0175	3.88E-07	5.93E-05
214581_x_TNFRSF21	0.012179	0.000101	0.002395
214583_at_DDI2	0.004845	0.003	0.027836
214591_at_KLHL4	-0.00824	0.006985	0.049528
214604_at_HOXD11	-0.00696	9.5E-06	0.000445
214615_at_P2RY10	-0.00665	0.001856	0.019915
214617_at_PRF1	-0.00871	5.2E-05	0.001486
214626_s_GANAB	0.005593	0.000576	0.00844
214643_x_BIN1	0.008266	0.000626	0.008929
214669_x_IGKC	-0.02084	0.001123	0.013797
214677_x_IGLV1-44	-0.02029	0.005662	0.042917
214678_x_ZFX	-0.00711	0.005469	0.041826
214679_x_GNA11	0.005511	0.000199	0.003902

214681_at GK	0.01478	1.57E-05	0.000619
214686_at ZNF266	-0.0069	0.004463	0.036467
214696_at C17orf91	0.0099	0.000157	0.0033
214717_at PK155	0.006846	0.007035	0.04975
214723_x_ANKRD36	-0.00869	0.006674	0.048098
214724_at DIXDC1	0.008823	1.22E-05	0.000529
214727_at BRCA2	-0.00682	0.001905	0.020284
214730_s_GLG1	0.011496	0.003063	0.028196
214749_s_ARMCX6	-0.00528	0.00375	0.032531
214758_at DCAF4	-0.00392	0.005678	0.042979
214763_at ACOT11	0.012095	2.11E-06	0.000168
214768_x_IGKV1-5	-0.01555	0.000848	0.011206
214776_x_XYLB	0.0134	2.75E-05	0.000927
214777_at IGKV4-1	-0.01248	0.002892	0.027262
214778_at MEGF8	0.008611	3.4E-06	0.000229
214791_at SP140L	-0.01007	0.000471	0.007317
214797_s_CDK18	0.006483	0.002109	0.021732
214807_at	0.009222	1.25E-05	0.000541
214811_at RIMBP2	-0.00584	0.00305	0.028158
214829_at AASS	1.05E-02	0.003057	0.028188
214832_at HNF4A	0.016032	0.000166	0.003414
214836_x_IGK@	-0.015	0.00532	0.041157
214842_s_at	0.020299	0.000905	0.011716
214844_s_DOK5	-0.00782	0.004692	0.037751
214847_s_GPSM3	-0.00513	0.00281	0.026714
214864_s_GRHPR	0.010778	1.93E-06	0.00016
214883_at THRA	0.004396	0.003144	0.028761
214891_at FBXO21	0.004558	0.005125	0.040102
214910_s_APOM	0.018618	0.000119	0.002691
214916_x_IGHA1	-0.01505	0.000124	0.002778
214919_s_ANKHD1-E	0.005492	0.004849	0.038673
214920_at THSD7A	0.008422	0.000525	0.007906
214923_at ATP6V1D	1.35E-02	4.12E-06	0.000263
214937_x_PCM1	-0.00411	0.00134	0.015779
214973_x_IGHD	-0.0149	0.005561	0.042354
214992_s_DNASE2	-0.00394	0.003718	0.032341
214994_at APOBEC3	-0.00738	0.000701	0.009749
214999_s_RAB11FIP	0.02607	3.48E-08	1.62E-05
215005_at NECAB2	0.01563	1.3E-06	0.000126
215035_at IGLV6-57	-0.00619	0.000671	0.009457
215036_at	-0.01311	3.21E-05	0.00103
215038_s_SETD2	0.005722	0.005584	0.042423
215039_at HS2ST1	-0.01164	3.96E-06	0.000255
215044_s_STAM2	0.005054	0.006664	0.048085
215049_x_CD163	-0.01654	1.13E-05	0.000502
215051_x_AIF1	-0.00808	0.001195	0.014474
215058_at DENND5B	0.00677	0.001866	0.019981
215059_at	0.017602	0.000219	0.004193
215073_s_NR2F2	-0.00623	0.001409	0.016317
215076_s_COL3A1	-0.01639	0.000232	0.00435
215121_x_IGLC7	-0.02025	0.001676	0.018509
215125_s_UGT1A1	0.013577	3.52E-05	0.001098
215136_s_EXOSC8	-0.00459	0.005409	0.041611

215149_at	0.015103	8.85E-06	0.000434
215176_x_IGK@	-0.02079	0.003328	0.029996
215177_s_ITGA6	0.006791	4.18E-05	0.00126
215188_at_STK24	0.010521	0.000732	0.010059
215194_at_PRKCA	1.05E-02	0.000166	0.003417
215198_s_CALD1	0.007814	1E-04	0.002383
215210_s_DLST	0.009657	2.52E-06	0.000188
215217_at_IGKC	-0.02349	0.001389	0.016161
215233_at_JMJD6	0.007291	0.002904	0.027299
215236_s_PICALM	0.004745	0.004366	0.035956
215239_x_ZNF273	-0.00518	3.7E-06	0.000245
215274_at_SLC12A3	0.022036	3.45E-09	5.49E-06
215275_at_TRAF3IP3	-0.00717	0.001363	0.015961
215291_at_MKL1	-0.00489	0.004776	0.038243
215363_x_FOLH1	0.024715	2.77E-07	4.74E-05
215364_s_KIAA0467	0.004676	0.005445	0.041765
215379_x_IGLC7	-0.01695	0.004801	0.038375
215382_x_LOC10050	-0.01481	3.72E-05	0.001149
215388_s_CFH	-0.01442	6.99E-05	0.001832
215389_s_TNNT2	0.015156	0.000246	0.004549
215422_at	0.005572	0.002046	0.02129
215425_at_BTG3	-0.00699	0.001483	0.017007
215436_at_HSDL2	0.012298	3.86E-05	0.001183
215450_at_SNRPE	-0.00433	9.12E-05	0.002227
215452_x_SUMO4	-0.0045	0.000259	0.004701
215471_s_MAP7	0.011706	4.67E-06	0.000284
215490_at_C1orf69	0.008231	3.12E-05	0.001007
215499_at_MAP2K3	0.004728	0.002271	0.022906
215502_at	-0.00508	0.000566	0.00835
215524_x_TRAC	-0.00569	0.002937	0.027482
215535_s_AGPAT1	0.006402	0.000543	0.008097
215559_at_ABCC6	0.017931	1E-06	0.000108
215569_at_GTF2IRD2	0.005497	0.00531	0.041114
215603_x_GGT1	0.009719	6.44E-05	0.001724
215632_at_NEUROG2	-0.00381	0.002907	0.027312
215633_x_LST1	-0.01222	1.08E-05	0.000492
215646_s_VCAN	-0.02065	0.001285	0.015276
215672_s_AHCYL2	0.010598	0.000176	0.003571
215685_s_DLX2	-0.00402	0.005069	0.039871
215691_x_HSPB11	-0.00516	0.006392	0.046868
215696_s_SEC16A	0.006238	0.003487	0.03091
215707_s_PRNP	0.0118	1.87E-05	0.000698
215719_x_FAS	-0.00974	0.001567	0.017641
215726_s_CYB5A	0.011518	1.46E-06	0.000136
215728_s_ACOT7	0.005741	0.006399	0.046904
215732_s_DTX2	-0.00507	0.003601	0.031533
215739_s_TUBGCP3	0.0087	0.000579	0.008473
215746_at	-0.00453	0.002066	0.021396
215758_x_ZNF93	-0.00741	3.66E-06	0.000242
215771_x_RET	-0.00511	0.003766	0.032635
215775_at	-0.009	0.004233	0.035234
215783_s_ALPL	0.015179	4.78E-06	0.000286
215784_at_CD1E	-0.01687	0.000129	0.002855

215785_s_CYFIP2	0.010652	1.55E-05	0.000614
215787_at ACTA2	-0.01739	1.6E-05	0.000624
215789_s_AJAP1	0.004787	0.00255	0.02493
215794_x_GLUD2	0.011015	5.45E-05	0.001538
215796_at	-0.00646	0.000678	0.009496
215812_s_SLC6A10P	0.010958	0.001727	0.018923
215829_at SHANK2	-0.00526	0.006733	0.048371
215842_s_ATP11A	0.00548	0.006523	0.047457
215881_x_SSX2	-0.00591	0.000963	0.012283
215935_at FAM75A1	-0.00527	0.006801	0.048699
215937_at PTGDR	-0.00915	0.002089	0.021582
215946_x_IGLL3P	-0.01093	0.007013	0.049643
215966_x_GK3P	0.017512	3.33E-07	5.32E-05
215967_s_LY9	-0.0084	0.000269	0.004845
215975_x_at	0.016569	2.14E-06	0.000169
215977_x_GK	0.019669	8.48E-07	9.74E-05
215989_at CBX2	-0.00524	0.00219	0.022338
216013_at ZXDB	0.006146	0.005169	0.040319
216015_s_NLRP3	-0.00391	0.006826	0.04878
216024_at DNMT2	7.87E-03	1.05E-06	0.000111
216036_x_WDTC1	0.00477	0.00035	0.005883
216067_at	-0.00504	0.004149	0.034747
216079_at EPM2A	0.004862	0.003741	0.032493
216091_s_BTRC	0.004888	0.000767	0.010448
216092_s_SLC7A8	0.016083	3.31E-05	0.00105
216150_at	-0.00495	0.006001	0.044826
216179_x_at	0.008356	0.000145	0.003132
216191_s_TRDV3	-1.58E-02	1.68E-08	1.04E-05
216207_x_IGKC	-0.01696	0.000567	0.008368
216218_s_PLCL2	0.009129	0.000216	0.004138
216219_at AQP6	0.011254	5.05E-05	0.001466
216223_at CPN2	0.023933	4.31E-07	6.37E-05
216224_s_HDAC6	0.006551	0.00037	0.006099
216230_x_SMPD1	0.008825	0.000584	0.008515
216231_s_B2M	-0.00913	0.002529	0.02476
216233_at CD163	-0.00582	0.005734	0.043298
216237_s_MCM5	-0.00548	0.001343	0.015782
216250_s_LPXN	-0.00775	8.07E-05	0.002026
216305_s_C2orf3	0.006872	0.000421	0.006718
216308_x_GRHPR	0.012068	2.21E-06	0.000173
216316_x_GK	0.015345	2.4E-06	0.000181
216318_at IGHA1	-0.01019	0.000109	0.002525
216320_x_MST1	0.010305	5.35E-05	0.001523
216333_x_TNXA	-0.00612	0.00614	0.045476
216342_x_at	-0.00465	3.5E-06	0.000235
216362_at	0.005109	0.004179	0.034936
216365_x_IGLV3-19	-0.00851	0.000116	0.002641
216379_x_CD24	-0.00814	2.59E-05	0.000887
216381_x_AKR7A3	1.69E-02	1.72E-05	0.000658
216383_at RPL18A	-0.00417	0.001488	0.017061
216401_x_at	-0.01205	0.001557	0.017557
216425_at	0.009375	0.000164	0.003404
216438_s_TMSB4X	-0.01178	3.41E-05	0.001073

216442_x_FN1	-0.00906	0.002391	0.023754
216452_at TRPM3	0.011323	2.94E-05	0.000968
216474_x_TPSAB1	-0.01615	8.09E-06	0.000404
216485_s_TPSAB1	-0.00706	0.001517	0.017317
216489_at TRPM3	0.013843	2.94E-06	0.000208
216491_x_IGHM	-0.01424	0.006986	0.049528
216505_x_at	-0.00708	0.000373	0.006128
216515_x_MIR1244-1	-0.00441	0.002102	0.021674
216542_x_IGHA1	-0.01356	0.005432	0.041724
216557_x_IGHA1	-0.01495	0.003362	0.030146
216560_x_IGL@	-0.01096	0.000995	0.012586
216573_at IGLV1-40	-0.00541	0.004288	0.03556
216576_x_IGK@	-0.02053	0.000466	0.007248
216580_at RPL7	-0.00357	0.003989	0.033831
216595_at FAM186A	0.015619	0.001452	0.01672
216599_x_SLC22A6	0.025343	1.64E-07	3.41E-05
216600_x_ALDOB	0.019541	6.36E-06	0.000349
216603_at SLC7A8	0.022815	0.000151	0.003231
216604_s_SLC7A8	0.017244	1.74E-05	0.000662
216609_at TXN	0.004508	0.004932	0.03909
216632_at NAV3	-0.00522	0.006811	0.048714
216638_s_PRLR	0.01877	9.85E-06	0.000455
216662_at MYO7B	0.006474	0.003151	0.028761
216693_x_HDGFRP3	-0.00649	0.001161	0.014134
216696_s_PROD2	0.02162	7.5E-06	0.000389
216708_x_LOC10028	-0.01486	0.000115	0.002636
216714_at CCL13	-0.00933	0.000153	0.003242
216733_s_GATM	0.011932	0.000161	0.003356
216781_at KIAA1751	-0.00443	0.00261	0.02534
216806_at	-0.00475	0.00035	0.005882
216823_at RPS3A	-0.00622	6.42E-05	0.00172
216829_at IGK@	-0.00578	0.001399	0.016264
216834_at RGS1	-1.43E-02	0.000102	0.002406
216835_s_DOK1	-0.00543	0.000711	0.009829
216865_at COL14A1	-0.00896	0.00163	0.018179
216866_s_COL14A1	-0.01159	0.000865	0.011371
216886_at CHRNA4	0.013616	1.92E-07	3.75E-05
216889_s_HNF4A	0.01113	0.000177	0.003584
216891_at	-0.00393	0.002177	0.022245
216892_at IGHG1	-0.00411	0.006365	0.046738
216903_s_CBARA1	0.011343	4.3E-06	0.00027
216906_at ST14	-5.21E-03	0.0006	0.008674
216910_at XPNPEP2	0.038031	1.12E-10	8.3E-07
216911_s_HIC2	-0.00406	0.002896	0.027278
216946_at HLA-DOA	-0.0035	0.004617	0.037377
216951_at FCGR1A	-0.00536	0.003371	0.030154
216955_at TAF1	-0.00404	0.004781	0.038272
216962_at RPAIN	0.006521	0.000478	0.007392
216964_at USP22	0.007671	0.001167	0.014189
216984_x_IGLV2-23	-0.01191	0.000806	0.010795
216985_s_STX3	0.006826	0.001017	0.012785
217014_s_AZGP1	0.027463	1.13E-06	0.000116
217023_x_TPSAB1	-0.0142	3.79E-06	0.000246

217028_at CXCR4	-0.01973	2.23E-05	0.000791
217036_at	-0.01087	0.000604	0.008702
217053_x_ETV1	-0.00644	0.000362	0.006028
217061_s_ETV1	-0.00521	0.002119	0.02181
217106_x_DIMT1L	-0.00679	0.000181	0.003641
217133_x_CYP2B6	0.008405	0.002366	0.02359
217138_x_at	-0.02325	0.001538	0.017444
217140_s_VDAC1	0.004338	0.002448	0.024172
217147_s_TRAT1	-0.00735	0.004067	0.034265
217148_x_at	-0.02054	0.000195	0.003843
217157_x_IGK@	-0.01341	0.001599	0.017914
217167_x_GK	0.018462	2.63E-07	4.57E-05
217179_x_at	-0.00939	0.00073	0.010055
217180_at	-0.00788	0.000281	0.00499
217232_x_HBB	-0.01953	0.000142	0.003096
217235_x_IGLL5	-0.01587	0.000304	0.005295
217236_x_IGHA1	-0.00532	0.002745	0.026289
217238_s_ALDOB	0.018844	3.91E-06	0.000253
217239_x_LOC10050	-0.00833	0.001643	0.018282
217248_s_SLC7A8	2.34E-02	1.75E-06	0.000152
217256_x_at	-0.00432	0.000266	0.0048
217257_at SH3BP2	0.012443	5.88E-06	0.000332
217260_x_IGHG1	-0.01344	0.006216	0.045825
217281_x_IGHA1	-0.01374	0.003795	0.032794
217284_x_SERHL2	-0.00508	0.002409	0.023887
217288_at	0.009555	0.000146	0.003136
217290_at	-0.00436	0.004254	0.035358
217309_s_DSCR3	0.007342	0.005809	0.043729
217313_at	-0.00733	2.81E-06	0.000202
217319_x_CYP4A22	0.02164	1.17E-08	8.12E-06
217320_at	-0.00755	0.002031	0.021215
217328_at	-0.00631	7.79E-07	9.23E-05
217330_at DISC1	-0.00404	0.005003	0.039483
217347_at	-0.00443	0.002182	0.022263
217367_s_ZHX3	0.007168	0.006869	0.049012
217369_at IGHG1	-0.00557	0.002897	0.027278
217375_at	-0.00627	0.003184	0.028984
217378_x_at	-0.01733	0.000727	0.010026
217388_s_KYNU	0.013101	6.49E-05	0.001731
217393_x_UBE2NL	-0.0035	0.006352	0.046661
217414_x_HBA1	-0.01876	0.000258	0.004693
217418_x_MS4A1	-0.01693	9.16E-05	0.00223
217433_at TACC1	0.007628	0.002944	0.027494
217437_s_TACC1	0.008034	0.003574	0.031404
217455_s_SSTR2	0.007698	0.002641	0.02556
217480_x_IGKC	-0.01258	0.004389	0.036077
217483_at FOLH1	0.017099	2.14E-07	4E-05
217487_x_FOLH1	0.012749	4.53E-05	0.001341
217489_s_IL6R	0.008937	0.000558	0.008267
217501_at CIAO1	0.006875	0.004323	0.035763
217503_at STK17B	-0.01354	0.000193	0.003803
217511_at KAZALD1	-0.00477	0.003586	0.031479
217512_at KNG1	0.01331	0.00046	0.007203

217513_at C17orf60	-0.00587	0.002241	0.022667
217526_at NFATC2IP	0.006206	0.005172	0.040319
217530_at SLC34A1	2.20E-02	3.06E-07	5.09E-05
217534_at FAM49B	-0.00551	0.004407	0.036135
217547_x_ZNF675	-4.62E-03	0.004498	0.036636
217553_at MGC87042	-0.00583	0.000965	0.0123
217555_at SMC1A	0.006805	0.000138	0.003022
217557_s_CPM	0.00872	8.65E-05	0.002135
217583_at PAH	0.013016	0.001167	0.014189
217599_s_MDFIC	-0.0052	0.001118	0.013745
217605_at USP27X	0.004159	0.006093	0.045231
217612_at TIMM50	0.00653	0.003926	0.033507
217625_x_at	0.007895	0.004496	0.036635
217629_at	-0.00736	0.000839	0.01114
217632_at GNL3L	0.007053	0.001804	0.019536
217647_at	0.007474	0.002599	0.02526
217648_at	-0.00589	0.00615	0.045503
217687_at ADCY2	-0.00456	0.001986	0.020951
217707_x_SMARCA2	-0.00761	0.003933	0.033539
217718_s_YWHAB	-0.00237	0.005422	0.041695
217728_at S100A6	-0.0139	1.14E-06	0.000116
217733_s_TMSB10	-1.17E-02	0.002764	0.026452
217749_at COPG	0.005651	0.002536	0.024815
217751_at GSTK1	0.005412	0.003168	0.028888
217752_s_CNDP2	0.005302	7.02E-05	0.001835
217755_at HN1	-0.00625	0.005242	0.040771
217762_s_RAB31	-8.49E-03	0.001357	0.015906
217767_at C3	-0.01617	0.00083	0.011049
217772_s_MTCH2	0.0056	0.002585	0.025165
217775_s_RDH11	0.005949	0.000242	0.004488
217781_s_ZFP106	0.007424	0.003966	0.033701
217786_at PRMT5	0.006102	0.005788	0.043591
217788_s_GALNT2	0.006865	0.001323	0.015612
217792_at SNX5	0.004781	0.006855	0.048931
217796_s_NPLOC4	0.009552	3.05E-05	0.000991
217808_s_MAPKAP1	0.005627	0.004405	0.036135
217809_at BZW2	-0.00547	0.001602	0.01792
217820_s_ENAH	-0.00725	0.001866	0.019981
217821_s_WBP11	0.007785	0.000514	0.007778
217823_s_UBE2J1	-0.00475	0.004172	0.034886
217824_at UBE2J1	-0.00568	0.006969	0.049507
217838_s_EVL	-0.00762	8.4E-05	0.002093
217849_s_CDC42BPI	0.006026	0.002709	0.026049
217850_at GNL3	-0.00652	0.000413	0.00664
217853_at TNS3	7.43E-03	0.000432	0.006863
217866_at CPSF7	0.005962	5.55E-05	0.001561
217874_at SUCLG1	0.010563	3.01E-06	0.000209
217889_s_CYBRD1	-0.00894	0.004389	0.036077
217900_at IARS2	0.005692	0.001769	0.019313
217904_s_BACE1	0.005787	0.002778	0.026545
217911_s_BAG3	0.010133	0.000169	0.003479
217914_at TPCN1	0.010473	6.75E-06	0.000362
217915_s_RSL24D1	-0.00678	0.000122	0.002755

217916_s_FAM49B	-0.00712	0.000335	0.005697
217925_s_C6orf106	0.006582	0.000186	0.003708
217933_s_LAP3	0.005609	0.001499	0.017139
217935_s_UQCC	0.006504	0.002434	0.024082
217939_s_AFTPH	0.005136	0.001207	0.014589
217944_at_POMGNT1	0.004144	0.004378	0.036026
217959_s_TRAPPC4	0.009757	0.005459	0.041777
217964_at_TTC19	0.00507	0.001353	0.01587
217973_at_DCXR	0.015672	2.8E-05	0.000938
217974_at_TM7SF3	0.010832	0.006922	0.049268
217977_at_SEPX1	0.011096	0.000447	0.007043
217979_at_TSPAN13	-0.01104	0.000232	0.00435
217986_s_BAZ1A	-0.01044	0.000126	0.002827
217990_at_GMPR2	0.007664	0.003934	0.033539
218002_s_CXCL14	0.01116	0.000253	0.004639
218019_s_PDXK	0.009534	9.42E-05	0.002274
218021_at_DHRS4	0.016508	8.53E-05	0.002116
218022_at_VRK3	0.007448	0.002969	0.027607
218025_s_PECI	0.010242	5.59E-05	0.001569
218035_s_RBM47	0.005866	0.002359	0.02356
218037_at_FAM134A	0.006063	0.005682	0.042991
218066_at_SLC12A7	0.006842	2.54E-05	0.000873
218067_s_ARGLU1	-6.14E-03	0.006047	0.045037
218068_s_ZNF672	0.00618	0.000874	0.011434
218070_s_GMPPA	0.00638	0.005234	0.040738
218084_x_FXYD5	-0.01169	0.002049	0.021309
218086_at_NPDC1	-0.00843	5.87E-05	0.001615
218094_s_DBNDD2	-0.00773	0.001948	0.020633
218099_at_TEX2	0.007274	0.000239	0.004439
218102_at_DERA	0.006862	0.000212	0.004085
218103_at_FTSJ3	4.59E-03	0.000416	0.006678
218124_at_RETSAT	0.010357	9.2E-08	2.66E-05
218126_at_FAM82A2	0.005424	0.002874	0.02717
218162_at_OLFML3	-0.00739	0.005373	0.04145
218165_at_MEAF6	-0.00456	0.003252	0.029525
218168_s_ADCK3	0.009191	0.000145	0.003135
218192_at_IP6K2	-0.00609	8.44E-06	0.000417
218204_s_FYCO1	0.005827	0.001405	0.016304
218211_s_MLPH	-0.00782	0.00471	0.037841
218219_s_LANCL2	0.008821	0.001055	0.01319
218223_s_PLEKHO1	-0.00643	0.001248	0.014954
218232_at_C1QA	-0.01053	5.79E-05	0.00161
218245_at_TSKU	0.014605	5.85E-09	6.19E-06
218264_at_BCCIP	0.006839	0.001361	0.015951
218272_at_TTC38	0.011968	4.91E-06	0.000293
218275_at_SLC25A10	0.007626	0.00055	0.00818
218285_s_BDH2	6.43E-03	0.00063	0.008974
218288_s_CCDC90B	-0.00416	0.005171	0.040319
218298_s_C14orf159	0.005354	0.001785	0.019418
218307_at_RSAD1	0.005606	0.004352	0.035907
218308_at_TACC3	-0.00488	0.000859	0.011319
218313_s_GALNT7	-0.00641	0.003008	0.027878
218322_s_ACSL5	-0.00592	0.004571	0.037081

218328_at COQ4	0.005571	0.005761	0.043463
218329_at PRDM4	0.0075	0.002706	0.026024
218345_at TMEM176	0.011186	0.000292	0.005143
218353_at RGS5	-0.00698	0.006204	0.045781
218365_s_DARS2	0.009117	0.003358	0.030132
218375_at NUDT9	0.007388	0.000847	0.011199
218380_at LOC72839	-0.00779	0.000488	0.007482
218392_x_SFXN1	0.006531	0.001434	0.016555
218440_at MCCC1	0.007239	9.1E-05	0.002226
218445_at H2AFY2	-0.00585	0.000329	0.005628
218455_at NFS1	0.007363	0.000119	0.002691
218465_at TMEM33	0.005257	0.003636	0.031765
218469_at GREM1	-0.00907	0.005458	0.041777
218487_at ALAD	0.014481	2.37E-07	4.29E-05
218489_s_ALAD	0.012302	0.000106	0.002464
218499_at MST4	-0.01058	0.000388	0.006347
218502_s_TRPS1	0.005834	0.00246	0.024263
218505_at WDR59	4.99E-03	0.001676	0.018509
218510_x_FAM134B	0.008771	0.000147	0.003149
218511_s_PNPO	0.008795	0.000415	0.006665
218523_at LHPP	0.008782	0.00093	0.011972
218533_s_UCKL1	0.005243	0.006968	0.049507
218546_at C1orf115	0.009286	0.000131	0.002901
218547_at DHDDS	0.004792	0.000874	0.011434
218552_at ECHDC2	0.008585	2.08E-05	0.000757
218557_at NIT2	8.57E-03	0.000856	0.011292
218565_at C9orf114	0.006863	0.001997	0.021039
218567_x_DPP3	0.004954	0.004869	0.038793
218596_at TBC1D13	0.012172	7.94E-06	0.000397
218597_s_CISD1	0.004199	0.002496	0.024513
218600_at LIMD2	-0.00845	7.76E-06	0.000395
218601_at URGCP	0.004694	0.006506	0.047378
218610_s_CPPED1	0.007483	0.000238	0.004438
218611_at IER5	-0.0074	0.004067	0.034265
218614_at C12orf35	-0.00767	0.001858	0.019923
218632_at HECTD3	0.004468	0.001445	0.016664
218633_x_ABHD10	0.007236	0.001489	0.017061
218646_at C4orf27	-0.00415	0.002278	0.022951
218656_s_LHFP	-0.01505	1.09E-06	0.000114
218658_s_ACTR8	0.007138	0.000744	0.010169
218661_at NAT15	0.010023	1.59E-05	0.000623
218663_at NCAPG	-0.00541	0.004048	0.034142
218665_at FZD4	0.011334	7.75E-06	0.000395
218667_at PJA1	-0.00702	0.000281	0.004998
218677_at S100A14	-0.00639	0.003274	0.02965
218684_at LRRC8D	0.005977	0.001214	0.014663
218693_at TSPAN15	-0.00641	0.000179	0.003618
218699_at RAB7L1	0.009819	0.000132	0.002901
218700_s_RAB7L1	0.010758	0.000621	0.008874
218716_x_MTO1	0.006288	0.000791	0.010686
218756_s_DHRS11	0.00985	0.000862	0.011353
218760_at COQ6	0.006257	0.000884	0.011523
218773_s_MSRB2	0.006478	0.004552	0.036969

218777_at REEP4	-0.00436	0.006105	0.04529
218799_at GPN2	5.57E-03	0.000582	0.008503
218802_at CCDC109E	-0.00914	0.000673	0.00947
218805_at GIMAP5	-0.00768	0.005397	0.041551
218842_at RPAP3	-0.00534	0.00061	0.008766
218843_at FNDC4	-0.00434	0.002145	0.022005
218844_at ACSF2	0.018117	2.59E-08	1.37E-05
218845_at DUSP22	-0.00714	0.000504	0.007653
218848_at THOC6	-0.00423	0.002713	0.026077
218854_at DSE	-0.00887	0.001545	0.017479
218855_at TPRA1	-0.00469	0.001668	0.01848
218856_at TNFRSF21	0.015652	7.53E-05	0.001932
218857_s_ASRGL1	0.01043	0.001159	0.014121
218858_at DEPDC6	-0.00728	0.001249	0.014954
218862_at ASB13	0.009884	0.001367	0.015975
218870_at ARHGAP1	-0.01733	2.7E-05	0.000916
218872_at TESC	-0.01313	7.02E-07	8.67E-05
218883_s_MLF1IP	-0.006	0.002255	0.022768
218884_s_GUF1	0.005601	0.005996	0.044808
218893_at ISOC2	0.008968	0.000393	0.006416
218913_s_GMIP	-0.00498	0.003342	0.030067
218920_at FAM193B	-0.00507	0.000827	0.01102
218921_at SIGIRR	0.008525	0.000175	0.003557
218927_s_CHST12	-0.00488	0.002878	0.02717
218928_s_SLC37A1	-0.00564	0.002486	0.024458
218931_at RAB17	0.005962	0.00089	0.01157
218952_at PCSK1N	0.011283	0.004258	0.035377
218957_s_PAAF1	0.010202	0.000191	0.003792
218959_at HOXC10	0.005666	0.001754	0.019175
218960_at TMPRSS4	-0.01102	0.00031	0.005383
218976_at DNAJC12	0.010311	0.001854	0.019915
218980_at FHOD3	0.007659	0.00051	0.007732
218983_at C1RL	-0.01024	1.98E-05	0.000726
219013_at GALNT11	0.006411	0.000378	0.006201
219014_at PLAC8	-0.01394	0.000347	0.00585
219016_at FASTKD5	0.008378	0.002803	0.026669
219021_at RNF121	0.005116	0.005828	0.043821
219028_at HIPK2	0.00534	0.000249	0.004585
219049_at CSGALNA	-0.00921	0.000859	0.011319
219054_at C5orf23	0.014572	4.81E-05	0.001412
219056_at RNASEH2	-0.00708	0.000587	0.008537
219076_s_PXMP2	0.012109	4.1E-06	0.000263
219081_at ANKHD1	0.003974	0.002751	0.026338
219111_s_DDX54	0.004491	0.001885	0.020122
219113_x_HSD17B14	0.008628	0.00066	0.009315
219123_at ZNF232	0.004791	0.005732	0.043296
219140_s_RBP4	0.022251	1.11E-05	0.000498
219144_at DUSP26	0.006569	0.004467	0.036481
219159_s_SLAMF7	-0.02482	0.000509	0.007719
219161_s_CKLF	-0.01275	1.5E-07	3.34E-05
219176_at C2orf47	5.40E-03	0.003498	0.030956
219180_s_PEX26	0.00582	6.52E-05	0.001736
219183_s_CYTH4	-0.00813	0.000179	0.003611

219188_s_MACROD1	0.008169	0.000138	0.003017
219190_s_EIF2C4	-0.00583	0.000988	0.012516
219191_s_BIN2	-0.01098	3.19E-06	0.000218
219194_at_SEMA4G	0.0112	2.11E-06	0.000168
219215_s_SLC39A4	0.013792	2.3E-06	0.000177
219222_at_RBKS	0.006296	0.004352	0.035907
219228_at_ZNF331	0.008728	0.000531	0.007967
219235_s_PHACTR4	0.007183	0.006422	0.047012
219238_at_PIGV	0.005029	0.004542	0.036912
219243_at_GIMAP4	-0.0106	1.41E-05	0.000586
219255_x_IL17RB	0.01257	0.000232	0.00435
219261_at_C7orf26	0.004485	0.003948	0.033568
219268_at_ETNK2	0.01582	6.83E-07	8.55E-05
219277_s_OGDHL	0.012725	1.08E-05	0.000492
219279_at_DOCK10	-0.01228	0.000607	0.008738
219281_at_MSRA	0.01743	6.67E-09	6.19E-06
219295_s_PCOLCE2	0.014516	0.001656	0.018384
219298_at_ECHDC3	0.010572	0.000129	0.002852
219307_at_PDSS2	0.006346	0.002722	0.026122
219320_at_MYO19	-0.00515	0.000596	0.008625
219340_s_CLN8	0.011355	1.7E-05	0.000651
219341_at_CLN8	0.01541	7.93E-07	9.25E-05
219359_at_ATHL1	-0.00973	9.05E-05	0.002216
219377_at_FAM59A	0.006521	0.002347	0.023484
219385_at_SLAMF8	-0.00543	0.001752	0.019159
219386_s_SLAMF8	-0.01216	2.33E-05	0.000818
219387_at_CCDC88A	-0.00632	0.003877	0.033245
219414_at_CLSTN2	0.011509	0.000583	0.00851
219418_at_NHEJ1	0.006346	0.003078	0.028326
219420_s_C1orf163	0.008676	0.004938	0.03909
219440_at_RAI2	-0.00946	0.0003	0.005241
219460_s_TMEM127	0.006445	0.006651	0.048054
219462_at_TMEM53	0.004615	0.002625	0.025437
219467_at_GIN1	-0.00534	0.004481	0.036543
219471_at_C13orf18	-0.01039	4.69E-05	0.001383
219492_at_CHIC2	-0.00389	0.004793	0.038321
219496_at_ANKRD57	0.007843	0.006573	0.047698
219498_s_BCL11A	-0.00993	0.000236	0.004401
219505_at_CECR1	-0.01043	0.006304	0.046393
219506_at_C1orf54	-0.00835	0.000576	0.00844
219511_s_SNCAIP	-0.0116	0.000223	0.004232
219525_at_SLC47A1	0.016514	2.44E-05	0.00085
219527_at_MOSC2	0.017683	8.97E-10	2.2E-06
219528_s_BCL11B	-0.00833	0.000659	0.009309
219540_at_ZNF267	-0.00838	0.002014	0.021129
219550_at_ROBO3	-0.00739	0.000313	0.005401
219551_at_EAF2	0.013981	7.26E-05	0.001884
219554_at_RHCG	0.014358	0.000249	0.004583
219558_at_ATP13A3	0.007092	5.41E-05	0.00153
219563_at_C14orf139	0.01019	4.41E-05	0.001316
219574_at_MARCH1	-0.01025	0.000254	0.004639
219575_s_COG8	0.004998	0.001955	0.020655
219582_at_OGFRL1	-0.00895	0.000276	0.00493

219594_at NINJ2	-0.00902	7.89E-06	0.000397
219595_at LOC10028	-0.00515	0.00305	0.028158
219607_s_MS4A4A	-0.01331	0.00037	0.0061
219610_at RGNEF	0.006848	0.003495	0.030956
219613_s_SIRT6	-0.00383	0.007047	0.049812
219615_s_KCNK5	0.014529	5.87E-05	0.001615
219616_at ACSS3	0.012011	1.48E-05	0.000603
219625_s_COL4A3BF	9.44E-03	0.000251	0.00461
219627_at ZNF767	-5.82E-03	0.004042	0.034122
219630_at PDZK1IP1	0.017999	2.08E-05	0.000757
219632_s_TRPV1	1.18E-02	2.56E-06	0.000188
219655_at C7orf10	0.014123	3.27E-06	0.000222
219664_s_DECR2	7.25E-03	0.003544	0.03122
219666_at MS4A6A	-0.01653	3.39E-05	0.001067
219684_at RTP4	-0.01063	2.5E-05	0.000865
219700_at PLXDC1	-0.00957	0.001373	0.016003
219705_at QSER1	-0.00782	6.79E-06	0.000363
219713_at SHPK	0.00645	0.000648	0.00917
219718_at FGGY	7.48E-03	0.000348	0.005858
219722_s_GDPD3	0.009997	0.000365	0.006064
219723_x_AGPAT3	0.013378	2.13E-06	0.000168
219731_at CC2D2B	0.006127	0.00129	0.015311
219732_at LPPR1	0.018016	4.9E-05	0.001435
219737_s_PCDH9	0.007684	0.002658	0.025664
219739_at RNF186	0.021708	3.15E-08	1.57E-05
219744_at FN3K	0.017955	2.04E-05	0.000747
219747_at C4orf31	0.015743	0.000644	0.009132
219748_at TREML2	-0.00466	0.000884	0.011523
219773_at NOX4	0.016314	5.85E-05	0.001614
219777_at GIMAP6	-0.00554	0.00567	0.04293
219785_s_LOC10028	0.009345	0.000805	0.010788
219789_at NPR3	1.78E-02	1.35E-05	0.000567
219790_s_NPR3	0.014198	5.09E-05	0.001469
219796_s_CDHR5	0.014699	4.65E-06	0.000284
219799_s_DHRS9	-0.00682	8.65E-05	0.002135
219803_at ANGPTL3	0.025732	1.6E-07	3.4E-05
219812_at PVRIG	-0.00558	0.004332	0.03581
219840_s_TCL6	0.012367	7.41E-06	0.000387
219850_s_EHF	-0.01031	0.00218	0.022259
219855_at NUDT11	-0.00638	0.003274	0.02965
219866_at CLIC5	0.012384	0.002492	0.024498
219867_at CHODL	-0.01004	0.000285	0.00505
219868_s_ANKFY1	0.00716	0.005169	0.040319
219872_at FAM198B	-0.00772	0.006385	0.046832
219873_at COLEC11	0.012911	3.75E-06	0.000245
219885_at SLFN12	-0.00683	0.001107	0.013682
219890_at CLEC5A	-0.00712	0.000741	0.010156
219891_at PGPEP1	0.013857	1.58E-07	3.38E-05
219902_at BHMT2	0.018792	6.59E-09	6.19E-06
219915_s_SLC16A10	0.018809	1.4E-07	3.26E-05
219922_s_LTBP3	-0.00382	0.006436	0.047086
219923_at TRIM45	-0.005	0.004572	0.037081
219947_at CLEC4A	-0.00942	6.62E-06	0.000358

219954_s_GBA3	0.014477	2.72E-05	0.000921
219959_at_MOCOS	-0.00704	0.000645	0.009136
219962_at_ACE2	0.015938	4.93E-05	0.001441
219970_at_GIPC2	0.014537	0.000152	0.003234
219986_s_ACAD10	0.010503	2.38E-06	0.000181
219987_at_LOC10028	0.006881	0.002363	0.023582
219991_at_SLC2A9	0.013496	6.73E-05	0.00178
219996_at_ASB7	0.004094	0.006828	0.04878
219998_at_HSPC159	0.007065	0.000574	0.008435
220002_at_KIF26B	-0.00745	0.000163	0.003383
220005_at_P2RY13	-0.00964	0.000251	0.00461
220009_at_LONRF3	0.010319	2.9E-05	0.000959
220017_x_CYP2C9	-0.00551	0.005771	0.043494
220020_at_XPNPEP3	0.009373	2.65E-05	0.000903
220038_at_C8orf44	0.008083	0.005274	0.040922
220055_at_ZNF287	-0.00567	0.000844	0.011167
220061_at_ACSM5	0.021446	4.34E-08	1.79E-05
220066_at_NOD2	-0.00519	0.00661	0.047901
220072_at_CSPP1	0.004651	0.003353	0.030105
220074_at_CDHR5	0.008363	0.000156	0.003279
220075_s_CDHR5	0.031805	7.52E-09	6.44E-06
220089_at_L2HGDH	0.006939	0.002892	0.027262
220094_s_CCDC90A	0.007507	5.61E-05	0.001572
220097_s_TMEM104	0.006139	0.005527	0.042142
220100_at_SLC22A11	0.020509	9.88E-07	0.000108
220116_at_KCNN2	0.008882	0.006546	0.04755
220119_at_EPB41L4A	0.008016	0.000297	0.005209
220120_s_EPB41L4A	0.006467	0.00327	0.02965
220132_s_CLEC2D	-0.01159	0.000141	0.003069
220135_s_SLC7A9	0.027585	7.1E-09	6.32E-06
220139_at_DNMT3L	0.00812	0.003912	0.033424
220146_at_TLR7	-0.00984	0.000133	0.00293
220148_at_ALDH8A1	0.015642	2.23E-05	0.000793
220149_at_C2orf54	0.016667	0.000157	0.0033
220151_at_C19orf73	-0.00415	0.005577	0.042391
220156_at_EFCAB1	-0.00633	0.00036	0.006003
220165_at_INO80D	0.008456	0.004968	0.039263
220178_at_C19orf28	0.012892	8.31E-08	2.62E-05
220179_at_DPEP3	-0.00602	0.00468	0.037714
220183_s_NUDT6	0.004424	0.004712	0.037842
220186_s_CDHR2	1.89E-02	1.83E-10	9.93E-07
220187_at_STEAP4	-0.00992	0.004095	0.034372
220230_s_CYB5R2	-0.00504	0.002735	0.026221
220233_at_FBXO17	0.011419	0.000773	0.010512
220234_at_CA8	6.27E-03	0.002421	0.023963
220236_at_PDPR	1.09E-02	0.000205	0.003977
220280_s_ANKMY1	-0.00483	0.002044	0.021283
220297_at_BTBD7	0.008143	0.000142	0.003084
220303_at_PDZD3	1.12E-02	2.98E-05	0.000975
220310_at_TUBAL3	0.019582	9.03E-07	0.000101
220329_s_RMND1	0.006316	0.003588	0.03148
220330_s_SAMSN1	-0.01652	8.3E-06	0.000412
220333_at_PAQR5	0.010064	0.000784	0.010637

220357_s_SGK2	0.005979	0.003947	0.033568
220358_at_BATF3	-0.00577	0.001309	0.015488
220376_at_LRRC19	0.012226	0.000249	0.004584
220382_s_ARHGAP2	0.016083	7.64E-07	9.15E-05
220387_s_HHLA3	0.0082	0.000185	0.003692
220418_at_UBASH3A	-0.00537	0.000532	0.007985
220421_at_BTNL8	-5.08E-03	0.00258	0.025141
220424_at_NPHS2	0.01682	0.00108	0.013413
220441_at_DNAJC22	0.01114	0.000132	0.002908
220448_at_KCNK12	-0.00508	0.003989	0.033831
220479_at_CPS1-IT	-0.00423	0.004228	0.035222
220505_at_C9orf53	-0.00343	0.006995	0.04956
220507_s_UPB1	0.025485	4.17E-08	1.79E-05
220511_s_DLC1	-0.00424	0.003834	0.033004
220554_at_SLC22A7	0.010655	2.37E-05	0.000828
220560_at_C11orf21	-0.00886	5.57E-06	0.000321
220567_at_IKZF2	-0.00653	0.003926	0.033507
220577_at_GVINP1	-0.00896	0.002858	0.027073
220591_s_EFHC2	-0.01017	8.51E-06	0.00042
220604_x_FTCD	0.023358	5.62E-09	6.19E-06
220607_x_TH1L	0.008111	0.000395	0.006428
220614_s_C6orf103	-0.00527	0.00039	0.006373
220642_x_GPR89A	0.012988	2.83E-07	4.82E-05
220658_s_ARNTL2	-0.00604	0.006408	0.046926
220671_at_CCRN4L	0.012748	2.29E-05	0.000805
220675_s_PNPLA3	0.009008	0.000363	0.006045
220677_s_ADAMTS8	-0.00559	4.61E-05	0.001363
220692_at	0.005888	0.001953	0.020654
220707_s_FOXRED2	0.005924	0.006039	0.045014
220715_at	-0.00437	0.005155	0.04028
220724_at_CWH43	0.010161	0.003891	0.033326
220727_at_KCNK10	0.015503	6.48E-08	2.33E-05
220731_s_NECAP2	-0.0033	0.00662	0.047944
220736_at_SLC19A3	0.00884	0.002266	0.022859
220738_s_RPS6KA6	0.008131	0.000368	0.006074
220740_s_SLC12A6	0.014661	6.2E-10	1.73E-06
220753_s_CRYL1	0.014441	4.39E-06	0.000274
220773_s_GPHN	0.015776	8.56E-07	9.74E-05
220801_s_HAO2	0.024621	6.23E-07	8.02E-05
220812_s_HHLA2	0.012099	0.000587	0.008537
220819_at_FRMD1	0.006536	0.004464	0.036467
220865_s_PDSS1	0.00739	0.004784	0.038278
220892_s_PSAT1	0.023191	1E-06	0.000108
220930_s_MGC5590	0.009409	0.000103	0.002413
220931_at_MGC5590	0.009326	0.000153	0.003242
220939_s_DPP8	0.005006	0.003941	0.03354
220940_at_ANKRD36l	-0.00953	0.005089	0.039976
220951_s_A1CF	0.02096	5.54E-06	0.000321
220977_x_EPB41L5	0.00855	0.001069	0.013308
220988_s_C1QTNF3	-0.0105	0.000417	0.006684
221004_s_ITM2C	-0.01247	0.000312	0.005393
221006_s_SNX27	0.011794	6.14E-07	8.02E-05
221008_s_AGXT2L1	0.017996	0.000107	0.002495

221041_s_SLC17A5	0.010699	2E-06	0.000164
221042_s_CLMN	0.004888	0.006535	0.047497
221058_s_CKLF	-0.00977	9.16E-05	0.00223
221059_s_COTL1	0.010785	0.000123	0.002776
221069_s_TACO1	0.014123	0.000804	0.010785
221092_at_IKZF3	-0.01131	0.000185	0.003698
221134_at_ANGPT4	-0.00529	0.002231	0.022579
221139_s_CSAD	-0.00539	0.007	0.049569
221142_s_PECR	0.007506	0.005598	0.042512
221144_at	-0.00698	0.005038	0.03971
221163_s_MLXIPL	0.00559	0.002826	0.026803
221172_at_C7orf69	-0.00486	0.005326	0.041179
221177_at_MIA2	0.01029	0.001209	0.014601
221188_s_CIDEB	0.010484	1.84E-06	0.000157
221189_s_TARS2	5.31E-03	0.002688	0.025886
221210_s_NPL	0.016496	4.22E-05	0.001267
221230_s_ARID4B	-0.00739	9.72E-05	0.002325
221244_s_PDPK1	0.011019	4.25E-05	0.001276
221245_s_FZD5	0.013567	3.26E-06	0.000222
221246_x_TNS1	0.009373	6.4E-08	2.33E-05
221256_s_HDHD3	0.013295	4.6E-05	0.00136
221274_s_LMAN2L	0.008097	0.000182	0.003654
221286_s_MGC29506	-0.00524	0.002901	0.027299
221293_s_DEF6	-0.00565	0.003422	0.030484
221298_s_SLC22A8	0.029595	9.94E-08	2.73E-05
221305_s_UGT1A8	0.028551	2.66E-08	1.38E-05
221306_at_GPR27	-0.00555	0.00038	0.006223
221311_x_LYRM2	0.005652	0.00409	0.034355
221315_s_FGF22	-0.00496	0.002375	0.023627
221348_at_NPPC	-0.00479	0.002877	0.02717
221369_at_MTNR1A	0.005791	0.006618	0.047944
221371_at_TNFSF18	-0.00586	0.002095	0.021623
221379_at	-0.00485	0.000892	0.011592
221411_at_HOXD12	-0.00471	0.002829	0.026817
221474_at_MYL12B	-0.00574	1.84E-05	0.000688
221498_at_SNX27	0.00599	0.001893	0.020175
221516_s_SMCR7L	0.008142	0.000539	0.008056
221524_s_RRAGD	0.005879	0.005189	0.040415
221542_s_ERLIN2	0.006595	0.001626	0.018151
221550_at_COX15	0.004924	0.004753	0.038128
221552_at_ABHD6	0.013925	3.31E-07	5.32E-05
221565_s_CALHM2	-0.00767	1.22E-06	0.000121
221572_s_SLC26A6	0.011705	2.13E-06	0.000168
221575_at_SCLY	0.009645	4.37E-05	0.001305
221581_s_LAT2	-0.00535	0.001012	0.012743
221582_at_HIST3H2A	-0.00641	0.000503	0.007653
221588_x_ALDH6A1	0.016616	1.68E-06	0.000149
221589_s_LOC10050	0.017557	6.07E-07	8E-05
221590_s_ALDH6A1	0.019479	3.27E-07	5.32E-05
221601_s_FAIM3	-0.00968	0.00201	0.021111
221602_s_FAIM3	-0.00972	8.3E-05	0.002073
221605_s_PIPOX	0.022337	5.55E-07	7.5E-05
221627_at_TRIM10	0.012822	7.65E-06	0.000393

221628_s_GLYR1	0.00899	0.004028	0.034083
221636_s_MOSC2	1.54E-02	6.16E-09	6.19E-06
221648_s_LOC10050	0.014207	0.000247	0.004562
221651_x_IGK@	-0.0194	0.006472	0.047238
221656_s_ARHGEF1	0.005498	0.001337	0.015753
221662_s_SLC22A7	0.007879	0.000144	0.003124
221664_s_F11R	0.007747	0.002082	0.021525
221666_s_PYCARD	-0.01002	0.000409	0.006589
221668_s_DNAI2	-0.00506	8.62E-05	0.002132
221669_s_ACAD8	0.010626	0.000214	0.00411
221675_s_CHPT1	0.007319	0.000871	0.011416
221679_s_ABHD6	0.022985	6.42E-09	6.19E-06
221698_s_CLEC7A	-0.01338	7.47E-06	0.000388
221701_s_STRA6	0.006877	0.002015	0.021129
221724_s_CLEC4A	-0.00544	0.001727	0.018923
221729_at COL5A2	-0.00521	0.005878	0.04409
221731_x_VCAN	-0.01815	0.000784	0.010637
221747_at TNS1	0.01144	0.000161	0.003361
221748_s_TNS1	0.01012	6.79E-07	8.54E-05
221773_at ELK3	-0.01395	1.3E-05	0.000552
221791_s_CCDC72	-0.00347	0.000792	0.01069
221817_at DOLPP1	0.005063	0.00613	0.045412
221840_at PTPRE	-0.0094	0.000452	0.007106
221845_s_CLPB	0.007106	0.001865	0.019981
221848_at ZGPAT	1.12E-02	0.000648	0.009177
221868_at PAIP2B	0.00869	0.000226	0.004263
221872_at RARRES1	-0.01012	0.005373	0.04145
221875_x_HLA-F	-0.00784	0.002767	0.026462
221877_at IRGQ	0.006277	0.000274	0.004904
221879_at CALML4	0.010742	8.52E-05	0.002116
221881_s_CLIC4	0.009813	9.25E-06	0.00044
221891_x_HSPA8	0.003475	1.51E-05	0.000608
221910_at ETV1	-0.00514	0.004036	0.0341
221925_s_CSPP1	0.007034	0.000581	0.008494
221928_at ACACB	0.00654	0.002219	0.022506
221935_s_C3orf64	-0.00621	0.005599	0.042512
221943_x_RPL38	-0.00405	0.000158	0.003303
221955_at	0.007067	0.001288	0.01529
221958_s_WLS	0.008791	1.78E-05	0.000673
221959_at FAM110B	-0.00814	0.002815	0.026732
221977_at TBX2	0.007698	0.002794	0.026619
221978_at HLA-F	-0.00873	0.000176	0.003571
221981_s_WDR59	0.011642	2.89E-06	0.000206
221998_s_VRK3	0.010607	0.000216	0.004125
222001_x_LOC72885	-0.00739	1.48E-05	0.000603
222010_at TCP1	0.005787	0.004031	0.034094
222021_x_SDHAP1	0.004923	0.002138	0.021946
222033_s_FLT1	0.012672	1.1E-05	0.000496
222049_s_RBP4	0.02416	9.09E-06	0.000438
222052_at C19orf54	0.008472	2.98E-05	0.000975
222071_s_SLCO4C1	8.50E-03	0.004436	0.036291
222078_at PKLR	0.017838	7.02E-07	8.67E-05
222083_at GLYAT	0.017322	2.2E-05	0.000785

222102_at	GSTA3	0.005635	0.002109	0.021732	
222115_x	GLYR1	0.006683	0.002686	0.025886	
222134_at	DDO	0.008362	0.005503	0.042017	
222138_s	WDR13	0.006712	0.000334	0.005694	
222140_s	GPR89A	0.010628	2.89E-05	0.000957	
222160_at	AKAP8L	-0.00507	0.006888	0.049116	
222190_s	C16orf58	0.007451	0.000128	0.002845	
222212_s	LASS2	0.009536	2.57E-05	0.00088	
222218_s	PILRA	-0.00591	0.003531	0.03114	
222228_s	ALKBH4	0.005211	0.00343	0.030542	
222234_s	DBNDD1	-0.00435	0.006669	0.048085	
222237_s	ZFP112	-0.00624	0.005367	0.04145	
222249_at		-0.01245	0.001823	0.019675	
222257_s	ACE2	0.019379	6.97E-06	0.000369	
222269_at	APOOL	8.65E-03	0.000127	0.002832	
222278_at		-0.00537	0.000437	0.006925	
222279_at	LOC28583	-0.00565	0.007051	0.04982	
222291_at	FAM149A	0.008016	0.001279	0.015238	
222294_s	RAB27A	-0.01195	0.000348	0.005858	
222297_x	at	-0.0052	0.000279	0.004968	
266_s	at	CD24	-0.01068	1.46E-06	0.000136
31835_at	HRG	0.012977	9.17E-06	0.000438	
32091_at	SLC25A44	5.50E-03	0.001974	0.020836	
32209_at	FAM89B	-0.00475	0.000982	0.012457	
33197_at	MYO7A	0.008016	1.11E-05	0.000499	
33304_at	ISG20	-0.01135	0.000678	0.009496	
33494_at	ETFDH	0.011992	2.24E-07	4.09E-05	
33767_at	NEFH	0.011087	0.004931	0.03909	
33814_at	PAK4	0.004391	0.004482	0.036543	
34210_at	CD52	-0.02477	2.91E-06	0.000207	
34697_at	LRP6	0.004548	0.001905	0.020284	
34726_at	CACNB3	-0.00613	0.002356	0.023534	
35147_at	MCF2L	0.006288	0.001547	0.017479	
36829_at	PER1	0.004967	0.005056	0.039796	
36994_at	ATP6V0C	0.007122	1.4E-06	0.000132	
37145_at	GNLY	-0.00791	0.000449	0.007067	
37590_g	at	0.015628	8.69E-07	9.75E-05	
38149_at	ARHGAP2	-0.01201	0.000318	0.005468	
38158_at	ESPL1	0.008506	7.14E-05	0.001857	
38447_at	ADRBK1	-0.00559	0.00504	0.03971	
38487_at	STAB1	-0.00905	0.001228	0.014773	
39248_at	AQP3	0.006335	0.000882	0.011514	
39891_at	ZNF710	-0.00428	0.001521	0.017364	
40016_g	ε	MAST4	0.009747	2.17E-05	0.000778
40273_at	SPHK2	0.011113	3.82E-05	0.001174	
40489_at	ATN1	0.005204	0.003035	0.028067	
40562_at	GNA11	0.008082	0.002635	0.025525	
41047_at	C9orf16	-0.00673	0.001773	0.019341	
41160_at	MBD3	0.005531	0.001285	0.015276	
41386_i	at	KDM6B	0.009755	0.000542	0.008091
41553_at	OSGIN2	0.004772	0.000706	0.009797	
41577_at	PPP1R16E	0.018972	4.67E-08	1.88E-05	
41660_at	CELSR1	0.011551	1.79E-07	3.59E-05	

44654_at	G6PC3	0.007662	0.000371	0.006104
44673_at	SIGLEC1	-0.00932	0.000152	0.003231
44696_at	TBC1D13	0.01257	1.13E-06	0.000116
44790_s_a	C13orf18	-0.01626	9.63E-06	0.000449
45288_at	ABHD6	0.013251	8.11E-06	0.000404
45526_g_e	NAT15	0.006097	0.000892	0.011592
47069_at	PRR5	0.01035	0.000673	0.00947
47550_at	LZTS1	-0.00859	0.000368	0.006074
47560_at	LPHN1	-0.00652	0.002893	0.027262
48808_at	DHFR	0.007019	0.006349	0.046661
49306_at	RASSF4	0.006451	0.003434	0.030562
52940_at	LOC10029	0.011231	3.01E-05	0.000981
564_at	GNA11	0.008095	0.005253	0.040823
56748_at	TRIM10	0.00597	0.006104	0.04529
57539_at	ZGPAT	0.01341	0.000292	0.005143
57540_at	RBKS	0.006548	0.002082	0.021525
57715_at	CALHM2	-0.00521	0.000146	0.003136
59433_at	LOC38990	-0.00436	0.00587	0.044053
632_at	GSK3A	0.005104	0.004234	0.035234
64064_at	GIMAP5	-0.00731	0.003873	0.033226
64371_at	SUGP2	0.005612	0.005888	0.044132
64408_s_a	CALML4	0.011094	6.3E-05	0.001699
65585_at	FAM86B1	0.007502	0.005074	0.039899
65718_at	GPR124	-0.004	0.001063	0.01324
89948_at	PCIF1	-0.00433	0.004776	0.038243
89977_at	ACSM5	2.04E-02	1.06E-07	2.73E-05
90265_at	ADAP1	-0.00418	0.002719	0.02611
90610_at	LRCH4	-0.00694	0.000279	0.004969
91703_at	EHBP1L1	-0.00584	0.003367	0.030151
AFFX-HUM	STAT1	-0.00607	0.00517	0.040319
AFFX-HUM	STAT1	-0.00723	0.003416	0.03044