

Table S3

probe	gene	effect	p.val	FDR
1007_s_at	DDR1	0.006471	5.10E-03	2.63E-02
117_at	HSPA6	0.011635	1.17E-03	7.85E-03
1294_at	UBA7	0.008274	3.17E-04	2.64E-03
1405_i_at	CCL5	0.03356	6.04E-15	1.92E-12
177_at	PLD1	-0.01365	2.54E-07	5.19E-06
200002_at	RPL35	0.009088	2.74E-03	1.58E-02
200003_s_at	RPL28	0.00973	2.34E-03	1.39E-02
200010_at	RPL11	0.005959	4.26E-03	2.27E-02
200012_x_at	RPL21	0.005318	5.67E-05	6.08E-04
200017_at	RPS27A	0.004547	3.02E-03	1.72E-02
200018_at	RPS13	0.005829	6.60E-05	6.91E-04
200019_s_at	FAU	0.008465	7.73E-04	5.62E-03
200022_at	RPL18	0.01283	5.07E-03	2.62E-02
200024_at	RPS5	0.01022	9.78E-03	4.39E-02
200025_s_at	RPL27	0.005465	1.82E-04	1.65E-03
200028_s_at	STARD7	-0.00529	1.40E-04	1.32E-03
200030_s_at	SLC25A3	-0.00651	8.58E-06	1.15E-04
200031_s_at	RPS11	0.007061	5.51E-03	2.79E-02
200032_s_at	RPL9	0.007152	1.57E-07	3.40E-06
200036_s_at	RPL10A	0.006259	3.68E-04	3.00E-03
200038_s_at	RPL17	0.006099	6.92E-03	3.34E-02
200042_at	C22orf28	-0.0065	1.59E-04	1.48E-03
200043_at	ERH	0.002934	7.87E-03	3.69E-02
200059_s_at	RHOA	0.008596	4.64E-07	8.88E-06
200061_s_at	RPS24	0.004876	2.34E-04	2.05E-03
200062_s_at	RPL30	0.008806	5.02E-05	5.48E-04
200063_s_at	NPM1	0.002705	2.00E-03	1.23E-02
200073_s_at	HNRNPD	0.003836	6.97E-04	5.17E-03
200074_s_at	RPL14	0.005942	2.91E-03	1.66E-02
200080_s_at	H3F3A	0.003539	3.05E-03	1.73E-02
200081_s_at	RPS6	0.007246	8.43E-03	3.90E-02
200088_x_at	RPL12	0.006408	4.62E-05	5.08E-04
200092_s_at	RPL37	0.004556	7.33E-06	1.01E-04
200095_x_at	RPS10	0.006442	7.90E-06	1.08E-04
200098_s_at	ANAPC5	-0.00661	2.24E-04	1.98E-03
200099_s_at	RPS3A	0.007033	2.01E-07	4.22E-06
200597_at	EIF3A	-0.00721	5.02E-03	2.59E-02
200606_at	DSP	-0.00676	5.04E-04	3.94E-03
200614_at	CLTC	-0.00583	9.94E-05	9.87E-04
200616_s_at	MLEC	-0.00677	4.22E-03	2.26E-02
200617_at	MLEC	-0.00851	8.94E-03	4.09E-02
200621_at	CSRP1	0.007942	6.47E-06	9.07E-05
200632_s_at	NDRG1	-0.00851	9.80E-08	2.22E-06
200633_at	UBB	-0.00313	1.63E-03	1.03E-02
200639_s_at	YWHAZ	0.004272	9.42E-03	4.26E-02
200640_at	YWHAZ	0.005385	1.23E-04	1.18E-03
200641_s_at	YWHAZ	0.006293	2.79E-04	2.37E-03

200642_at	SOD1	-0.00651	1.19E-06	2.04E-05
200644_at	MARCKSL1	0.017705	1.60E-11	1.31E-09
200648_s_at	GLUL	0.009067	5.58E-03	2.82E-02
200649_at	NUCB1	-0.01048	1.07E-02	4.73E-02
200653_s_at	CALM1	-0.00562	6.97E-07	1.27E-05
200655_s_at	CALM1	-0.00573	3.46E-07	6.83E-06
200657_at	SLC25A5	-0.00914	1.79E-10	9.85E-09
200659_s_at	PHB	-0.01112	1.57E-05	1.96E-04
200660_at	S100A11	0.014616	3.01E-07	6.06E-06
200661_at	CTSA	-0.01099	1.09E-03	7.44E-03
200666_s_at	DNAJB1	-0.00872	9.16E-04	6.49E-03
200674_s_at	RPL32	0.00483	3.11E-03	1.76E-02
200675_at	CD81	0.009115	9.50E-04	6.67E-03
200679_x_at	HMGB1	0.007994	4.57E-03	2.41E-02
200680_x_at	HMGB1	0.003315	1.04E-04	1.02E-03
200684_s_at	UBE2L3	-0.00742	1.35E-03	8.86E-03
200690_at	HSPA9	-0.01272	1.16E-06	1.99E-05
200691_s_at	HSPA9	-0.01234	1.78E-11	1.42E-09
200692_s_at	HSPA9	-0.00734	3.52E-07	6.94E-06
200705_s_at	EEF1B2	0.003048	3.50E-03	1.94E-02
200708_at	GOT2	-0.00818	4.53E-07	8.72E-06
200715_x_at	RPL13A	0.006601	2.24E-05	2.68E-04
200716_x_at	RPL13A	0.008921	5.42E-03	2.75E-02
200727_s_at	ACTR2	0.006738	9.10E-03	4.15E-02
200729_s_at	ACTR2	0.005915	8.03E-03	3.76E-02
200737_at	PGK1	-0.00692	8.43E-03	3.90E-02
200741_s_at	RPS27	0.009429	2.17E-05	2.61E-04
200742_s_at	TPP1	-0.00924	6.07E-06	8.55E-05
200743_s_at	TPP1	-0.01061	1.53E-06	2.53E-05
200758_s_at	NFE2L1	-0.0105	8.00E-05	8.15E-04
200759_x_at	NFE2L1	-0.00859	4.30E-06	6.31E-05
200760_s_at	ARL6IP5	0.005205	1.81E-03	1.13E-02
200767_s_at	FAM120A	-0.00824	1.08E-02	4.78E-02
200768_s_at	MAT2A	-0.01106	1.44E-11	1.21E-09
200769_s_at	MAT2A	-0.00895	5.95E-04	4.53E-03
200771_at	LAMC1	0.008091	1.19E-04	1.14E-03
200772_x_at	PTMA	0.009607	1.02E-06	1.78E-05
200773_x_at	PTMA	0.008354	1.79E-06	2.91E-05
200774_at	FAM120A	-0.00435	5.46E-04	4.22E-03
200778_s_at	SEPT2	0.003973	8.22E-03	3.83E-02
200781_s_at	RPS15A	0.00664	6.25E-04	4.72E-03
200782_at	ANXA5	0.008903	5.93E-04	4.52E-03
200783_s_at	STMN1	0.00624	1.62E-04	1.50E-03
200786_at	PSMB7	-0.00569	4.79E-03	2.50E-02
200787_s_at	PEA15	0.008418	4.86E-03	2.53E-02
200788_s_at	PEA15	0.008407	4.51E-05	4.97E-04
200789_at	ECH1	-0.01025	1.83E-04	1.66E-03
200790_at	ODC1	-0.00851	5.19E-05	5.62E-04
200791_s_at	IQGAP1	0.009739	2.35E-06	3.71E-05

200793_s_at	ACO2	-0.02214	8.79E-10	3.70E-08
200804_at	TMBIM6	-0.01125	4.19E-05	4.66E-04
200806_s_at	HSPD1	-0.009	1.82E-04	1.66E-03
200807_s_at	HSPD1	-0.00957	2.52E-12	2.73E-10
200808_s_at	ZYX	0.01073	2.88E-06	4.42E-05
200809_x_at	RPL12	0.005797	2.50E-04	2.16E-03
200817_x_at	RPS10	0.008596	3.98E-06	5.89E-05
200818_at	ATP5O	-0.00565	4.96E-04	3.89E-03
200827_at	PLOD1	-0.01105	4.10E-06	6.06E-05
200831_s_at	SCD	-0.01327	1.58E-05	1.97E-04
200832_s_at	SCD	-0.02446	2.69E-07	5.48E-06
200838_at	CTSB	-0.01344	4.64E-06	6.73E-05
200839_s_at	CTSB	-0.01147	2.09E-09	7.78E-08
200848_at	AHCYL1	-0.00786	8.51E-03	3.93E-02
200849_s_at	AHCYL1	-0.00833	3.64E-04	2.97E-03
200850_s_at	AHCYL1	-0.0061	1.07E-02	4.71E-02
200858_s_at	RPS8	0.007755	2.19E-06	3.49E-05
200861_at	CNOT1	-0.00314	2.19E-03	1.32E-02
200863_s_at	RAB11A	0.005085	4.13E-03	2.22E-02
200869_at	RPL18A	0.017588	2.69E-04	2.30E-03
200870_at	STRAP	-0.00408	8.16E-03	3.80E-02
200872_at	S100A10	0.012403	1.98E-08	5.44E-07
200886_s_at	PGAM1	-0.0057	3.53E-04	2.89E-03
200887_s_at	STAT1	0.008856	1.19E-03	7.95E-03
200892_s_at	TRA2B	0.005836	5.85E-04	4.47E-03
200895_s_at	FKBP4	-0.00641	9.20E-03	4.18E-02
200896_x_at	HDGF	-0.00444	6.89E-07	1.26E-05
200897_s_at	PALLD	0.009046	1.23E-05	1.58E-04
200903_s_at	AHCY	-0.01944	4.30E-11	2.95E-09
200905_x_at	HLA-E	0.008767	6.44E-04	4.84E-03
200906_s_at	PALLD	0.007484	6.02E-04	4.57E-03
200907_s_at	PALLD	0.008521	1.63E-05	2.02E-04
200908_s_at	RPLP2	0.007631	1.80E-06	2.92E-05
200909_s_at	RPLP2	0.010699	3.46E-04	2.84E-03
200916_at	TAGLN2	0.010486	7.62E-04	5.55E-03
200917_s_at	SRPR	-0.00759	8.79E-04	6.28E-03
200921_s_at	BTG1	0.007308	7.02E-06	9.72E-05
200924_s_at	SLC3A2	-0.01114	4.03E-05	4.53E-04
200926_at	RPS23	0.003328	1.51E-03	9.69E-03
200931_s_at	VCL	0.005791	9.87E-03	4.43E-02
200933_x_at	RPS4X	0.00474	2.07E-05	2.50E-04
200934_at	DEK	0.006539	3.31E-04	2.74E-03
200937_s_at	RPL5	0.005636	4.51E-03	2.38E-02
200939_s_at	RERE	-0.00689	8.76E-04	6.26E-03
200943_at	HMGN1	0.006117	4.07E-04	3.28E-03
200944_s_at	HMGN1	0.003569	5.66E-03	2.85E-02
200946_x_at	GLUD1	-0.01368	5.72E-13	7.72E-11
200947_s_at	GLUD1	-0.01487	3.82E-13	5.52E-11
200948_at	MLF2	-0.0047	4.03E-04	3.25E-03

200949_x_at	RPS20	0.004123	2.01E-03	1.23E-02
200951_s_at	CCND2	0.014835	8.77E-13	1.14E-10
200952_s_at	CCND2	0.024609	3.77E-15	1.31E-12
200953_s_at	CCND2	0.027705	2.30E-16	1.55E-13
200954_at	ATP6V0C	-0.00691	1.56E-06	2.58E-05
200955_at	IMMT	-0.00808	9.25E-06	1.23E-04
200958_s_at	SDCBP	0.006015	3.03E-04	2.54E-03
200961_at	SEPHS2	-0.01166	1.24E-15	5.65E-13
200963_x_at	RPL31	0.005485	1.08E-06	1.89E-05
200974_at	ACTA2	0.012504	2.66E-04	2.28E-03
200975_at	PPT1	0.004339	3.08E-03	1.75E-02
200978_at	MDH1	-0.01227	5.15E-11	3.47E-09
200979_at	PDHA1	-0.01227	1.16E-06	2.00E-05
200980_s_at	PDHA1	-0.00428	6.40E-04	4.82E-03
200984_s_at	CD59	0.004767	1.04E-02	4.61E-02
200986_at	SERPING1	0.017871	6.66E-05	6.97E-04
200993_at	IPO7	-0.00402	1.10E-02	4.83E-02
200998_s_at	CKAP4	0.010134	1.93E-05	2.35E-04
200999_s_at	CKAP4	0.005413	1.07E-02	4.74E-02
201000_at	AARS	-0.00613	5.95E-03	2.96E-02
201004_at	SSR4	0.014206	1.13E-03	7.64E-03
201005_at	CD9	0.008507	2.92E-04	2.47E-03
201006_at	PRDX2	-0.00338	1.09E-02	4.80E-02
201007_at	HADHB	-0.00809	6.62E-08	1.56E-06
201008_s_at	TXNIP	0.009259	1.56E-04	1.45E-03
201009_s_at	TXNIP	0.012953	1.36E-04	1.28E-03
201010_s_at	TXNIP	0.009026	5.60E-06	7.97E-05
201012_at	ANXA1	0.026229	1.06E-12	1.32E-10
201013_s_at	PAICS	-0.00695	1.23E-03	8.19E-03
201020_at	YWHAH	0.011428	6.90E-05	7.17E-04
201029_s_at	CD99	0.004663	4.04E-03	2.18E-02
201030_x_at	LDHB	-0.00628	4.16E-09	1.39E-07
201033_x_at	RPLP0	0.009596	8.63E-03	3.97E-02
201034_at	ADD3	-0.01235	8.06E-13	1.07E-10
201035_s_at	HADH	-0.02005	8.29E-10	3.51E-08
201036_s_at	HADH	-0.02054	4.75E-16	2.79E-13
201037_at	PFKP	0.010397	8.32E-04	5.98E-03
201040_at	GNAI2	0.007085	6.12E-03	3.02E-02
201049_s_at	RPS18	0.008853	2.56E-05	3.01E-04
201056_at	GOLGB1	-0.00626	7.71E-06	1.05E-04
201060_x_at	STOM	-0.00458	7.80E-03	3.67E-02
201061_s_at	STOM	-0.00926	3.72E-07	7.28E-06
201063_at	RCN1	0.011282	1.46E-06	2.42E-05
201067_at	PSMC2	-0.00942	4.92E-04	3.87E-03
201069_at	MMP2	0.009766	1.87E-05	2.28E-04
201074_at	SMARCC1	-0.00921	4.06E-03	2.18E-02
201089_at	ATP6V1B2	-0.01343	3.49E-06	5.24E-05
201090_x_at	TUBA1B	0.007377	1.41E-03	9.18E-03
201091_s_at	CBX3	0.002822	8.65E-03	3.98E-02

201093_x_at	SDHA	-0.00864	5.42E-05	5.84E-04
201094_at	RPS29	0.00514	7.29E-03	3.49E-02
201099_at	USP9X	-0.00519	6.49E-03	3.17E-02
201105_at	LGALS1	0.022633	2.79E-07	5.64E-06
201107_s_at	THBS1	0.011957	1.58E-03	1.01E-02
201108_s_at	THBS1	0.008739	4.83E-03	2.52E-02
201109_s_at	THBS1	0.009065	5.82E-04	4.45E-03
201110_s_at	THBS1	0.011724	1.69E-03	1.07E-02
201113_at	TUFM	-0.00681	3.69E-03	2.02E-02
201115_at	POLD2	-0.00669	3.44E-03	1.91E-02
201116_s_at	CPE	0.011343	3.27E-03	1.83E-02
201117_s_at	CPE	0.008172	6.84E-03	3.31E-02
201120_s_at	PGRMC1	-0.01086	1.31E-05	1.67E-04
201121_s_at	PGRMC1	-0.00795	1.32E-06	2.22E-05
201126_s_at	MGAT1	0.005507	5.06E-03	2.62E-02
201127_s_at	ACLY	-0.00805	2.11E-05	2.55E-04
201128_s_at	ACLY	-0.00631	7.87E-03	3.69E-02
201134_x_at	COX7C	-0.00333	8.98E-04	6.39E-03
201135_at	ECHS1	-0.01932	1.24E-13	2.01E-11
201136_at	PLP2	0.024339	2.33E-12	2.54E-10
201137_s_at	HLA-DPB1	0.028367	6.69E-12	6.31E-10
201140_s_at	RAB5C	-0.00673	7.00E-04	5.19E-03
201141_at	GPNMB	0.012107	1.46E-03	9.45E-03
201155_s_at	MFN2	-0.00905	2.06E-03	1.26E-02
201156_s_at	RAB5C	-0.00785	3.85E-03	2.09E-02
201157_s_at	NMT1	-0.00943	1.44E-04	1.35E-03
201160_s_at	CSDA	0.007751	5.61E-04	4.31E-03
201161_s_at	CSDA	0.009006	1.89E-03	1.17E-02
201163_s_at	IGFBP7	0.007566	4.28E-05	4.74E-04
201164_s_at	PUM1	-0.00648	3.78E-03	2.06E-02
201178_at	FBXO7	-0.00752	2.40E-07	4.95E-06
201179_s_at	GNAI3	0.006084	2.32E-04	2.03E-03
201186_at	LRPAP1	-0.00748	8.73E-06	1.17E-04
201188_s_at	ITPR3	0.014807	2.67E-08	7.03E-07
201189_s_at	ITPR3	0.008252	8.27E-05	8.39E-04
201193_at	IDH1	-0.01928	5.11E-14	9.41E-12
201200_at	CREG1	-0.00364	8.43E-03	3.90E-02
201201_at	CSTB	0.00406	9.73E-03	4.37E-02
201209_at	HDAC1	0.008589	2.47E-03	1.46E-02
201212_at	LGMN	-0.01523	1.61E-07	3.47E-06
201227_s_at	NDUFB8	-0.0046	1.24E-03	8.27E-03
201241_at	DDX1	-0.00308	4.10E-03	2.20E-02
201242_s_at	ATP1B1	-0.01213	3.32E-10	1.62E-08
201243_s_at	ATP1B1	-0.0058	2.51E-05	2.97E-04
201244_s_at	RAF1	-0.00614	3.80E-03	2.07E-02
201254_x_at	RPS6	0.004649	1.85E-03	1.15E-02
201256_at	COX7A2L	-0.00284	1.10E-03	7.49E-03
201257_x_at	RPS3A	0.006642	7.42E-08	1.73E-06
201258_at	RPS16	0.00916	2.82E-03	1.62E-02

201261_x_at	BGN	0.008473	1.11E-02	4.88E-02
201262_s_at	BGN	0.008935	3.98E-03	2.15E-02
201268_at	NME1-NME2	0.006132	1.50E-04	1.40E-03
201272_at	AKR1B1	0.009881	1.43E-06	2.37E-05
201278_at	DAB2	-0.00772	1.16E-06	2.00E-05
201279_s_at	DAB2	-0.01309	2.40E-10	1.25E-08
201280_s_at	DAB2	-0.01242	6.90E-07	1.26E-05
201282_at	OGDH	-0.01373	5.29E-04	4.12E-03
201284_s_at	APEH	-0.0087	9.98E-04	6.93E-03
201286_at	SDC1	-0.01108	2.69E-04	2.30E-03
201288_at	ARHGDI B	0.020565	1.21E-14	3.20E-12
201289_at	CYR61	0.013935	3.36E-04	2.78E-03
201291_s_at	TOP2A	0.015992	1.86E-06	3.01E-05
201300_s_at	PRNP	-0.00851	1.74E-04	1.59E-03
201301_s_at	ANXA4	0.006924	8.16E-04	5.89E-03
201305_x_at	ANP32B	0.005102	1.26E-03	8.37E-03
201306_s_at	ANP32B	0.004081	6.38E-03	3.13E-02
201310_s_at	C5orf13	-0.01126	8.07E-06	1.10E-04
201313_at	ENO2	0.020074	2.21E-09	8.13E-08
201314_at	STK25	-0.00496	3.89E-03	2.11E-02
201315_x_at	IFITM2	0.026319	3.09E-08	8.00E-07
201318_s_at	MYL12A	0.005102	1.10E-04	1.08E-03
201319_at	MYL12A	0.006809	1.45E-08	4.14E-07
201322_at	ATP5B	-0.00931	8.67E-03	3.98E-02
201323_at	EBNA1BP2	-0.00528	4.47E-04	3.55E-03
201324_at	EMP1	0.0118	3.43E-04	2.82E-03
201325_s_at	EMP1	0.009236	1.57E-05	1.95E-04
201334_s_at	ARHGEF12	-0.00608	2.11E-03	1.28E-02
201339_s_at	SCP2	-0.00926	7.98E-07	1.43E-05
201341_at	ENC1	0.007375	5.14E-03	2.64E-02
201347_x_at	GRHPR	-0.01709	4.67E-10	2.16E-08
201348_at	GPX3	-0.0086	2.03E-07	4.26E-06
201349_at	SLC9A3R1	-0.01757	1.87E-15	7.19E-13
201368_at	ZFP36L2	0.006767	1.04E-05	1.36E-04
201369_s_at	ZFP36L2	0.006027	1.67E-03	1.05E-02
201384_s_at	NBR1	-0.00436	1.30E-03	8.54E-03
201391_at	TRAP1	-0.01074	3.13E-09	1.09E-07
201393_s_at	IGF2R	-0.00618	3.36E-03	1.87E-02
201395_at	RBM5	0.007978	2.64E-04	2.26E-03
201397_at	PHGDH	-0.00861	4.21E-04	3.37E-03
201398_s_at	TRAM1	0.005571	3.17E-03	1.79E-02
201399_s_at	TRAM1	0.006359	7.37E-04	5.42E-03
201406_at	RPL36A	0.007074	1.43E-04	1.34E-03
201407_s_at	PPP1CB	0.006245	2.08E-03	1.27E-02
201410_at	PLEKHB2	-0.00921	1.41E-06	2.35E-05
201415_at	GSS	-0.01061	4.39E-08	1.09E-06
201416_at	SOX4	0.018517	4.26E-07	8.23E-06
201417_at	SOX4	0.011381	3.57E-03	1.97E-02
201418_s_at	SOX4	0.007947	2.59E-03	1.51E-02

201425_at	ALDH2	-0.01189	3.33E-09	1.14E-07
201426_s_at	VIM	0.017359	2.05E-09	7.67E-08
201428_at	CLDN4	0.015926	6.42E-07	1.18E-05
201432_at	CAT	-0.0127	4.47E-09	1.47E-07
201438_at	COL6A3	0.018006	3.06E-06	4.66E-05
201459_at	RUVBL2	-0.0048	1.07E-02	4.72E-02
201464_x_at	JUN	0.006566	1.07E-02	4.73E-02
201466_s_at	JUN	0.011144	1.33E-03	8.74E-03
201470_at	GSTO1	-0.00434	9.03E-03	4.12E-02
201489_at	PPIF	-0.00951	9.61E-08	2.19E-06
201494_at	PRCP	-0.00629	1.31E-05	1.67E-04
201497_x_at	MYH11	0.009591	4.85E-03	2.53E-02
201501_s_at	GRSF1	-0.00707	1.74E-03	1.09E-02
201506_at	TGFBI	0.019936	7.58E-07	1.37E-05
201507_at	PFDN1	-0.00532	1.08E-03	7.39E-03
201508_at	IGFBP4	-0.01081	1.54E-03	9.86E-03
201509_at	IDH3B	-0.00745	2.24E-03	1.34E-02
201510_at	ELF3	0.010131	2.89E-03	1.65E-02
201512_s_at	TOMM70A	-0.00716	2.06E-06	3.31E-05
201519_at	TOMM70A	-0.00537	5.29E-04	4.12E-03
201524_x_at	UBE2N	0.00568	5.92E-04	4.52E-03
201535_at	UBL3	-0.00657	3.45E-03	1.92E-02
201536_at	DUSP3	-0.00692	2.14E-03	1.29E-02
201539_s_at	FHL1	0.017349	4.55E-06	6.64E-05
201540_at	FHL1	0.01533	3.29E-07	6.57E-06
201546_at	TRIP12	-0.00441	5.34E-03	2.72E-02
201550_x_at	ACTG1	0.005533	2.92E-04	2.46E-03
201553_s_at	LAMP1	-0.00681	7.83E-05	8.02E-04
201556_s_at	VAMP2	-0.00711	3.86E-06	5.73E-05
201559_s_at	CLIC4	-0.00734	1.87E-03	1.16E-02
201560_at	CLIC4	-0.00804	1.04E-04	1.02E-03
201562_s_at	SORD	-0.02425	2.29E-14	4.99E-12
201563_at	SORD	-0.02065	9.11E-15	2.63E-12
201565_s_at	ID2	-0.00872	2.60E-03	1.52E-02
201567_s_at	GOLGA4	-0.00736	3.04E-06	4.64E-05
201568_at	UQCRCQ	-0.00747	3.05E-03	1.73E-02
201569_s_at	SAMM50	-0.01053	6.23E-07	1.15E-05
201570_at	SAMM50	-0.01229	1.01E-05	1.33E-04
201578_at	PODXL	-0.00759	1.03E-02	4.59E-02
201590_x_at	ANXA2	0.018029	9.86E-10	4.04E-08
201599_at	OAT	-0.0113	1.44E-07	3.14E-06
201601_x_at	IFITM1	0.021393	3.54E-08	9.00E-07
201605_x_at	CNN2	0.005966	4.86E-04	3.82E-03
201607_at	PWP1	-0.0053	7.71E-03	3.64E-02
201610_at	ICMT	0.006124	8.31E-03	3.86E-02
201612_at	ALDH9A1	-0.00939	3.91E-07	7.59E-06
201613_s_at	AP1G2	0.00811	7.30E-04	5.37E-03
201617_x_at	CALD1	0.004621	8.81E-03	4.04E-02
201619_at	PRDX3	-0.00809	6.27E-08	1.48E-06

201621_at	NBL1	0.010185	1.13E-04	1.10E-03
201625_s_at	INSIG1	-0.00756	4.90E-03	2.55E-02
201630_s_at	ACP1	-0.00492	9.17E-04	6.49E-03
201640_x_at	CLPTM1	-0.00641	1.28E-05	1.63E-04
201641_at	BST2	0.014251	1.21E-05	1.55E-04
201644_at	TSTA3	0.004602	4.49E-03	2.37E-02
201645_at	TNC	0.020536	3.76E-08	9.49E-07
201649_at	UBE2L6	0.008023	7.90E-05	8.07E-04
201650_at	KRT19	0.015218	6.24E-05	6.61E-04
201651_s_at	PACSIN2	-0.00632	2.48E-05	2.94E-04
201652_at	COPS5	-0.00599	2.42E-04	2.11E-03
201656_at	ITGA6	-0.00852	2.29E-06	3.62E-05
201658_at	ARL1	-0.00404	7.47E-03	3.56E-02
201666_at	TIMP1	0.028596	2.05E-11	1.59E-09
201667_at	GJA1	0.019588	5.47E-09	1.77E-07
201668_x_at	MARCKS	0.013099	1.73E-10	9.61E-09
201669_s_at	MARCKS	0.015614	8.16E-07	1.46E-05
201670_s_at	MARCKS	0.016281	3.88E-10	1.85E-08
201675_at	AKAP1	-0.00869	1.80E-05	2.21E-04
201682_at	PMPCB	-0.00797	2.06E-07	4.32E-06
201688_s_at	TPD52	-0.00584	6.32E-03	3.11E-02
201689_s_at	TPD52	-0.00745	5.44E-03	2.76E-02
201690_s_at	TPD52	-0.00693	1.51E-03	9.69E-03
201695_s_at	PNP	-0.019	8.59E-09	2.62E-07
201701_s_at	PGRMC2	-0.01011	5.97E-06	8.43E-05
201707_at	PEX19	-0.00953	3.91E-04	3.16E-03
201708_s_at	NIPSNAP1	-0.0138	5.39E-04	4.18E-03
201709_s_at	NIPSNAP1	-0.00852	2.54E-05	3.00E-04
201712_s_at	RANBP2	-0.00629	2.42E-03	1.43E-02
201714_at	TUBG1	-0.01667	1.98E-09	7.45E-08
201718_s_at	EPB41L2	0.012663	1.49E-06	2.47E-05
201719_s_at	EPB41L2	0.013438	4.05E-08	1.02E-06
201720_s_at	LAPTM5	0.022083	1.59E-09	6.07E-08
201721_s_at	LAPTM5	0.024788	2.16E-09	7.99E-08
201723_s_at	GALNT1	0.005589	3.31E-03	1.85E-02
201728_s_at	KIAA0100	-0.01135	2.01E-04	1.79E-03
201729_s_at	KIAA0100	-0.00943	1.56E-03	9.98E-03
201737_s_at	MARCH6	-0.00858	3.43E-04	2.82E-03
201738_at	EIF1B	-0.00639	7.94E-04	5.75E-03
201739_at	SGK1	-0.01139	1.32E-08	3.81E-07
201740_at	NDUFS3	-0.00755	1.54E-04	1.44E-03
201743_at	CD14	0.012133	2.09E-06	3.34E-05
201744_s_at	LUM	0.026673	2.00E-06	3.21E-05
201746_at	TP53	0.008107	6.08E-04	4.60E-03
201752_s_at	ADD3	-0.01007	2.29E-08	6.13E-07
201753_s_at	ADD3	-0.01208	3.20E-03	1.80E-02
201756_at	RPA2	0.00712	4.99E-04	3.91E-03
201760_s_at	WSB2	-0.00534	1.64E-03	1.04E-02
201761_at	MTHFD2	0.0141	7.49E-05	7.72E-04

201762_s_at	PSME2	0.005945	7.53E-03	3.58E-02
201763_s_at	DAXX	0.008181	7.82E-03	3.68E-02
201781_s_at	AIP	0.007746	1.09E-02	4.81E-02
201785_at	RNASE1	0.019799	1.93E-06	3.11E-05
201787_at	FBLN1	0.009325	4.29E-06	6.30E-05
201791_s_at	DHCR7	-0.00549	3.51E-03	1.94E-02
201792_at	AEBP1	0.015047	6.00E-06	8.47E-05
201798_s_at	MYOF	0.016516	2.34E-07	4.83E-06
201799_s_at	OSBP	-0.0069	4.00E-04	3.22E-03
201800_s_at	OSBP	-0.00805	6.10E-03	3.02E-02
201801_s_at	SLC29A1	0.006195	5.61E-03	2.83E-02
201802_at	SLC29A1	0.007318	1.08E-04	1.06E-03
201810_s_at	SH3BP5	-0.00811	6.68E-05	6.99E-04
201818_at	LPCAT1	0.007425	1.99E-04	1.78E-03
201823_s_at	RNF14	-0.00589	7.77E-04	5.64E-03
201826_s_at	SCCPDH	-0.00525	4.48E-04	3.56E-03
201829_at	NET1	-0.0091	4.35E-06	6.36E-05
201830_s_at	NET1	-0.00837	3.19E-04	2.65E-03
201838_s_at	SUPT7L	-0.00827	1.11E-03	7.56E-03
201842_s_at	EFEMP1	0.012141	3.80E-07	7.40E-06
201848_s_at	BNIP3	-0.01223	4.20E-09	1.39E-07
201849_at	BNIP3	-0.01217	3.10E-08	8.02E-07
201850_at	CAPG	0.011179	8.49E-03	3.92E-02
201851_at	SH3GL1	-0.00524	8.16E-04	5.89E-03
201852_x_at	COL3A1	0.020471	3.66E-06	5.46E-05
201858_s_at	SRGN	0.021573	1.13E-07	2.54E-06
201859_at	SRGN	0.016743	7.94E-06	1.08E-04
201866_s_at	NR3C1	0.006018	4.21E-03	2.25E-02
201874_at	MPZL1	0.009388	7.79E-03	3.67E-02
201875_s_at	MPZL1	0.009772	1.57E-03	1.00E-02
201876_at	PON2	0.006954	2.30E-03	1.37E-02
201886_at	DCAF11	-0.00828	2.72E-03	1.58E-02
201891_s_at	B2M	0.008625	6.49E-10	2.84E-08
201893_x_at	DCN	0.01685	1.52E-06	2.51E-05
201899_s_at	UBE2A	0.004812	1.12E-02	4.89E-02
201900_s_at	AKR1A1	-0.01558	2.23E-07	4.65E-06
201903_at	UQCRC1	-0.01219	8.50E-06	1.15E-04
201917_s_at	SLC25A36	-0.00651	5.10E-05	5.54E-04
201918_at	SLC25A36	-0.00783	2.08E-04	1.85E-03
201919_at	SLC25A36	-0.00917	2.05E-06	3.29E-05
201924_at	AFF1	-0.0049	3.80E-03	2.07E-02
201925_s_at	CD55	0.012402	4.33E-07	8.36E-06
201926_s_at	CD55	0.014262	1.20E-08	3.49E-07
201931_at	ETFA	-0.014	8.70E-13	1.13E-10
201938_at	CDK2AP1	0.005936	9.26E-04	6.54E-03
201939_at	PLK2	0.014908	1.18E-09	4.69E-08
201949_x_at	CAPZB	0.005254	6.87E-04	5.11E-03
201951_at	ALCAM	-0.00751	2.95E-03	1.68E-02
201952_at	ALCAM	-0.00513	1.11E-02	4.88E-02

201954_at	ARPC1B	0.009251	1.86E-05	2.28E-04
201955_at	CCNC	-0.00531	7.21E-04	5.31E-03
201963_at	ACSL1	-0.02034	1.32E-18	2.72E-15
201966_at	NDUFS2	-0.01071	2.51E-03	1.47E-02
201968_s_at	PGM1	-0.01148	3.38E-09	1.16E-07
201971_s_at	ATP6V1A	-0.00917	5.10E-03	2.63E-02
201972_at	ATP6V1A	-0.00468	3.42E-03	1.90E-02
201976_s_at	MYO10	0.006262	1.06E-02	4.71E-02
201977_s_at	KIAA0141	-0.00694	1.17E-03	7.87E-03
201980_s_at	RSU1	0.004809	7.52E-03	3.57E-02
201981_at	PAPPA	-0.0096	3.11E-03	1.76E-02
201984_s_at	EGFR	-0.00542	1.10E-02	4.83E-02
201995_at	EXT1	0.004819	8.93E-03	4.08E-02
202000_at	NDUFA6	-0.00476	5.59E-03	2.82E-02
202001_s_at	NDUFA6	-0.00396	1.08E-02	4.76E-02
202002_at	ACAA2	-0.00927	1.07E-06	1.87E-05
202003_s_at	ACAA2	-0.01511	4.07E-14	7.89E-12
202004_x_at	SDHC	-0.00727	3.75E-03	2.05E-02
202012_s_at	EXT2	0.005515	8.69E-03	3.99E-02
202014_at	PPP1R15A	0.008242	9.17E-03	4.17E-02
202015_x_at		0.007728	1.13E-02	4.93E-02
202016_at	MEST	0.010069	5.29E-05	5.72E-04
202017_at	EPHX1	-0.01273	5.02E-05	5.48E-04
202018_s_at	LTF	0.034781	8.59E-07	1.53E-05
202025_x_at	ACAA1	-0.01976	3.45E-13	5.03E-11
202026_at	SDHD	-0.01156	5.43E-08	1.31E-06
202028_s_at	RPL38	0.004867	3.14E-04	2.62E-03
202029_x_at	RPL38	0.004721	8.37E-04	6.01E-03
202031_s_at	WIPI2	-0.00611	1.18E-03	7.95E-03
202035_s_at	SFRP1	0.008896	2.84E-04	2.41E-03
202036_s_at	SFRP1	0.010265	1.91E-03	1.18E-02
202037_s_at	SFRP1	0.011394	6.98E-04	5.18E-03
202043_s_at	SMS	-0.00546	6.10E-03	3.02E-02
202044_at	GRLF1	-0.00486	2.66E-03	1.55E-02
202045_s_at	GRLF1	-0.00562	7.78E-03	3.67E-02
202053_s_at	ALDH3A2	-0.01575	6.99E-11	4.47E-09
202054_s_at	ALDH3A2	-0.01309	5.72E-07	1.07E-05
202070_s_at	IDH3A	-0.00574	2.49E-03	1.47E-02
202073_at	OPTN	-0.01166	2.86E-04	2.42E-03
202074_s_at	OPTN	-0.00607	6.47E-05	6.81E-04
202077_at	NDUFAB1	-0.00898	1.58E-06	2.60E-05
202080_s_at	TRAK1	-0.00658	2.82E-04	2.39E-03
202086_at	MX1	0.009682	4.72E-04	0.003727
202087_s_at	CTSL1	-0.00956	6.00E-08	1.43E-06
202088_at	SLC39A6	0.006886	8.03E-04	0.005806
202096_s_at	TSPO	0.006418	4.30E-03	0.022932
202098_s_at	PRMT2	0.007659	2.29E-04	0.00201
202104_s_at	SPG7	-0.01261	9.99E-06	0.000132
202108_at	PEPD	-0.02902	1.35E-18	2.72E-15

202111_at	SLC4A2	-0.00477	3.36E-03	0.018758
202112_at	VWF	0.012244	1.95E-03	0.011999
202116_at	DPF2	0.005191	1.04E-02	0.046196
202117_at	ARHGAP1	0.005307	2.12E-03	0.012803
202119_s_at	CPNE3	-0.00666	1.00E-03	0.006959
202122_s_at	PLIN3	0.005587	2.64E-03	0.015397
202130_at	RIOK3	-0.00951	3.27E-05	0.000376
202139_at	AKR7A2	-0.0134	1.86E-04	0.00168
202142_at	COPS8	-0.00529	1.20E-03	0.008032
202156_s_at	CELF2	0.008885	1.08E-05	0.000141
202157_s_at	CELF2	0.012635	4.49E-04	0.003572
202158_s_at	CELF2	0.014212	2.21E-06	3.52E-05
202162_s_at	CNOT8	0.008064	1.23E-03	0.008191
202169_s_at	AASDHPPT	-0.00599	3.59E-03	0.019794
202173_s_at	VEZF1	0.00573	1.08E-04	0.001062
202178_at	PRKCZ	-0.01312	1.73E-07	3.69E-06
202181_at	KIAA0247	-0.00622	6.73E-03	0.03263
202191_s_at	GAS7	0.01324	1.90E-06	3.06E-05
202192_s_at	GAS7	0.01081	5.60E-06	7.98E-05
202196_s_at	DKK3	0.014266	3.11E-08	8.02E-07
202200_s_at	SRPK1	-0.00869	1.46E-03	0.009421
202202_s_at	LAMA4	0.009731	6.14E-04	0.004644
202204_s_at	AMFR	-0.00693	4.81E-04	0.003785
202206_at	ARL4C	0.018121	7.24E-06	0.0001
202207_at	ARL4C	0.023375	9.58E-08	2.18E-06
202208_s_at	ARL4C	0.007615	1.22E-04	0.001167
202209_at	LSM3	-0.00564	1.43E-04	0.001343
202210_x_at	GSK3A	-0.00625	1.76E-04	0.001604
202217_at	C21orf33	-0.01668	9.43E-10	3.93E-08
202219_at	SLC6A8	-0.01235	9.61E-04	0.006727
202234_s_at	SLC16A1	-0.01378	1.84E-04	0.00167
202235_at	SLC16A1	-0.01431	8.77E-06	0.000118
202236_s_at	SLC16A1	-0.01491	8.74E-05	0.000883
202237_at	NNMT	0.038938	2.34E-13	3.5E-11
202238_s_at	NNMT	0.033157	1.04E-14	2.86E-12
202242_at	TSPAN7	-0.01381	2.08E-08	5.66E-07
202245_at	LSS	-0.00641	3.85E-03	0.020899
202250_s_at	DCAF8	-0.0091	2.61E-04	0.002249
202255_s_at	SIPA1L1	-0.00877	2.88E-04	0.002437
202266_at	TDP2	-0.0137	3.29E-09	1.14E-07
202267_at	LAMC2	0.010505	3.18E-06	4.82E-05
202269_x_at	GBP1	0.009158	1.13E-03	0.007659
202271_at	FBXO28	-0.0101	1.48E-05	0.000186
202272_s_at	FBXO28	-0.01056	2.98E-05	0.000347
202279_at	C14orf2	-0.00786	1.18E-05	0.000153
202280_at		-0.00808	1.62E-04	0.001494
202283_at	SERPINF1	0.016822	2.38E-04	0.002079
202286_s_at	TACSTD2	0.018276	1.10E-06	1.92E-05
202289_s_at	TACC2	-0.00774	2.13E-03	0.012888

202291_s_at	MGP	0.020173	3.42E-06	5.15E-05
202295_s_at	CTSH	-0.01454	1.47E-09	5.67E-08
202298_at	NDUFA1	-0.00532	2.51E-03	0.014747
202299_s_at	HBXIP	-0.00957	4.73E-06	6.83E-05
202300_at	HBXIP	-0.00955	3.68E-04	0.002998
202303_x_at	SMARCA5	0.005247	6.92E-04	0.005139
202306_at	POLR2G	0.006288	1.53E-03	0.009786
202307_s_at	TAP1	0.01317	7.50E-09	2.34E-07
202309_at	MTHFD1	-0.01439	1.36E-13	2.2E-11
202310_s_at	COL1A1	0.021328	3.90E-07	7.59E-06
202311_s_at	COL1A1	0.010153	1.95E-05	0.000237
202313_at	PPP2R2A	-0.00608	2.10E-05	0.000254
202315_s_at	BCR	-0.00726	1.02E-02	0.045399
202317_s_at	UBE4B	-0.00529	6.53E-03	0.031858
202325_s_at	ATP5J	-0.00491	1.75E-04	0.001601
202328_s_at	PKD1	0.004509	6.41E-03	0.03144
202330_s_at	UNG	-0.00519	2.27E-03	0.013587
202331_at	BCKDHA	-0.00592	8.23E-04	0.00593
202343_x_at	COX5B	-0.00634	1.83E-03	0.011363
202345_s_at	FABP5	0.01434	1.38E-06	2.31E-05
202350_s_at	MATN2	0.012536	3.79E-05	0.000429
202353_s_at	PSMD12	-0.01062	1.60E-06	2.63E-05
202364_at	MXI1	-0.00486	5.72E-03	0.028654
202365_at	UNC119B	-0.00693	1.21E-03	0.008084
202366_at	ACADS	-0.00448	8.98E-04	0.006387
202367_at	CUX1	-0.00853	5.75E-04	0.004405
202376_at	SERPINA3	0.014388	3.45E-03	0.019149
202379_s_at	NKTR	0.005919	1.05E-02	0.046399
202382_s_at	GNPDA1	-0.01284	6.25E-07	1.15E-05
202388_at	RGS2	0.009404	4.40E-03	0.023331
202391_at	BASP1	0.021649	2.38E-06	3.75E-05
202403_s_at	COL1A2	0.021747	2.73E-07	5.56E-06
202404_s_at	COL1A2	0.024441	2.14E-06	3.41E-05
202411_at	IFI27	0.012654	1.21E-04	0.001159
202412_s_at	USP1	0.006826	1.87E-03	0.0116
202416_at	DNAJC7	-0.00505	8.63E-03	0.039663
202422_s_at	ACSL4	0.012334	1.13E-04	0.001096
202423_at	MYST3	0.005576	4.02E-03	0.021671
202427_s_at	BRP44	-0.00639	5.57E-07	1.05E-05
202430_s_at	PLSCR1	0.012549	3.47E-05	0.000396
202431_s_at	MYC	0.012193	4.56E-03	0.024017
202433_at	SLC35B1	-0.00533	1.80E-03	0.011237
202435_s_at	CYP1B1	0.018621	4.78E-08	1.18E-06
202436_s_at	CYP1B1	0.02754	3.92E-13	5.56E-11
202437_s_at	CYP1B1	0.022089	1.01E-10	6.11E-09
202440_s_at	ST5	0.010684	4.11E-05	0.000459
202441_at	ERLIN1	-0.00782	1.85E-05	0.000226
202443_x_at	NOTCH2	0.007733	1.26E-05	0.000161
202446_s_at	PLSCR1	0.015896	2.05E-11	1.59E-09

202447_at	DECR1	-0.01121	9.00E-13	1.16E-10
202449_s_at	RXRA	-0.0117	1.57E-09	6.04E-08
202450_s_at	CTSK	0.014808	1.97E-05	0.00024
202454_s_at	ERBB3	-0.00789	9.66E-04	0.006753
202456_s_at	ZER1	-0.00825	9.30E-04	0.006564
202465_at	PCOLCE	0.00935	9.65E-04	0.006752
202471_s_at	IDH3G	-0.0095	1.50E-03	0.009675
202472_at	MPI	-0.0064	2.74E-03	0.01585
202475_at	TMEM147	-0.00722	6.62E-05	0.000693
202484_s_at	MBD2	0.005076	9.79E-05	0.000973
202486_at	AFG3L2	-0.00684	2.62E-04	0.002254
202488_s_at	FXYD3	0.008402	1.98E-04	0.001776
202489_s_at	FXYD3	0.014794	4.96E-07	9.42E-06
202497_x_at	SLC2A3	0.012702	6.75E-05	0.000704
202498_s_at	SLC2A3	0.010042	3.42E-03	0.019018
202499_s_at	SLC2A3	0.015378	2.87E-04	0.002426
202502_at	ACADM	-0.01682	2.09E-09	7.77E-08
202503_s_at	KIAA0101	0.01122	5.16E-05	0.000559
202504_at	TRIM29	0.011424	4.82E-06	6.95E-05
202505_at	SNRPB2	-0.00401	3.95E-03	0.021369
202507_s_at	SNAP25	0.006128	3.42E-03	0.019
202510_s_at	TNFAIP2	0.015212	3.34E-06	5.04E-05
202525_at	PRSS8	-0.0082	4.53E-03	0.023888
202532_s_at	DHFR	-0.01755	2.88E-08	7.52E-07
202533_s_at	DHFR	-0.01164	8.94E-06	0.00012
202534_x_at	DHFR	-0.00888	9.27E-05	0.000929
202540_s_at	HMGCR	-0.0056	1.08E-02	0.047726
202553_s_at	SYF2	0.003617	8.89E-03	0.04068
202559_x_at	C1orf77	0.005155	3.07E-03	0.017411
202579_x_at	HMGN4	0.004572	5.35E-03	0.027233
202590_s_at	PDK2	-0.02168	2.60E-12	2.77E-10
202595_s_at	LEPROTL1	-0.00473	5.67E-03	0.028503
202598_at	S100A13	0.018643	1.00E-10	6.11E-09
202603_at	ADAM10	0.005652	4.37E-03	0.023214
202609_at	EPS8	-0.00639	6.16E-04	0.004655
202614_at	SLC30A9	-0.00754	5.73E-10	2.54E-08
202622_s_at	ATXN2	-0.00591	1.46E-05	0.000183
202625_at	LYN	0.014859	5.84E-06	8.28E-05
202626_s_at	LYN	0.012556	1.61E-07	3.47E-06
202630_at	APPBP2	-0.00601	2.51E-03	0.014725
202632_at	DPH1	-0.00583	3.54E-03	0.019536
202637_s_at	ICAM1	0.012281	5.01E-05	0.000547
202638_s_at	ICAM1	0.007921	6.06E-03	0.030028
202643_s_at	TNFAIP3	0.006243	4.26E-03	0.022732
202644_s_at	TNFAIP3	0.012694	2.72E-06	4.21E-05
202645_s_at	MEN1	-0.00651	6.00E-03	0.029801
202648_at		0.015676	2.29E-04	0.002012
202649_x_at	RPS19	0.016546	2.93E-05	0.000342
202652_at	APBB1	-0.0044	1.82E-03	0.011347

202659_at	PSMB10	0.009822	2.13E-06	3.4E-05
202661_at	ITPR2	-0.01244	1.29E-06	2.17E-05
202662_s_at	ITPR2	-0.00773	2.47E-04	0.002142
202663_at	WIPF1	0.006821	3.72E-04	0.003027
202664_at	WIPF1	0.008059	9.71E-03	0.043669
202665_s_at	WIPF1	0.007867	4.74E-06	6.84E-05
202675_at	SDHB	-0.01177	1.36E-05	0.000172
202685_s_at	AXL	0.010578	3.39E-07	6.72E-06
202686_s_at	AXL	0.012892	2.34E-06	3.69E-05
202687_s_at	TNFSF10	0.006482	4.68E-03	0.024536
202690_s_at	SNRPD1	0.005633	1.72E-03	0.010828
202693_s_at	STK17A	0.011285	2.16E-05	0.000259
202704_at	TOB1	-0.00847	6.66E-03	0.032377
202707_at	UMPS	-0.0065	4.06E-03	0.021868
202709_at	FMOD	0.007817	0.000748	0.005469
202713_s_at	KIAA0391	-0.00732	0.001	0.006938
202714_s_at	KIAA0391	-0.00551	0.007731	0.036494
202719_s_at	TES	0.011391	2.53E-05	0.000299
202720_at	TES	0.011829	1.95E-05	0.000237
202726_at	LIG1	0.003827	0.009049	0.041256
202727_s_at	IFNGR1	0.010016	9.6E-05	0.000957
202728_s_at	LTBP1	0.010531	0.002294	0.013701
202729_s_at	LTBP1	0.013007	0.000348	0.002854
202730_s_at	PDCD4	0.007505	0.000232	0.002031
202731_at	PDCD4	0.009172	0.000619	0.004676
202733_at	P4HA2	-0.01923	4.94E-10	2.25E-08
202735_at	EBP	-0.00961	1.25E-07	2.76E-06
202737_s_at	LSM4	-0.00541	0.001155	0.00779
202738_s_at	PHKB	-0.00644	8.35E-06	0.000113
202739_s_at	PHKB	-0.00889	2.59E-05	0.000304
202740_at	ABHD14A	-0.03132	6.01E-16	3.27E-13
202746_at	ITM2A	0.01814	3.53E-10	1.72E-08
202747_s_at	ITM2A	0.017888	1.28E-07	2.82E-06
202748_at	GBP2	0.021126	1.42E-10	8.12E-09
202749_at	WRB	-0.00603	0.010878	0.047879
202751_at	TFIP11	-0.00558	0.000773	0.005622
202752_x_at	SLC7A8	-0.02967	2.93E-09	1.04E-07
202759_s_at	AKAP2	-0.00767	0.000715	0.005283
202763_at	CASP3	0.006585	0.000664	0.004977
202765_s_at	FBN1	0.010116	0.000363	0.002966
202766_s_at	FBN1	0.010279	0.000622	0.004697
202767_at	ACP2	-0.00883	4.08E-05	0.000457
202772_at	HMGCL	-0.01431	7.08E-09	2.24E-07
202780_at	OXCT1	-0.01415	7.05E-06	9.75E-05
202783_at	NNT	-0.01474	1.38E-08	3.97E-07
202784_s_at	NNT	-0.01179	2.3E-10	1.21E-08
202790_at	CLDN7	0.009676	0.00161	0.010231
202792_s_at	PPP6R2	-0.01083	0.000102	0.00101
202795_x_at	TRIOBP	0.005906	0.001063	0.007288

202797_at	SACM1L	-0.0053	0.004465	0.023615
202803_s_at	ITGB2	0.017741	4.76E-08	1.17E-06
202805_s_at	ABCC1	0.00569	0.002859	0.016387
202807_s_at	TOM1	-0.00557	0.009552	0.043056
202814_s_at	HEXIM1	-0.00923	0.000155	0.001445
202820_at	AHR	0.015811	1.24E-07	2.75E-06
202825_at	SLC25A4	-0.01151	9.35E-10	3.9E-08
202830_s_at	SLC37A4	-0.01768	3.66E-10	1.77E-08
202833_s_at	SERPINA1	-0.01657	8.25E-07	1.48E-05
202834_at	AGT	-0.02351	2.46E-11	1.86E-09
202836_s_at	TXNL4A	-0.00576	0.001922	0.011866
202842_s_at	DNAJB9	-0.00433	0.007041	0.033949
202843_at	DNAJB9	-0.01019	8.67E-05	0.000876
202847_at	PCK2	-0.02436	4.24E-13	5.95E-11
202850_at	ABCD3	-0.00656	0.000958	0.006713
202853_s_at	RYK	0.005012	0.007254	0.034762
202859_x_at	IL8	0.015139	0.002316	0.013793
202862_at	FAH	-0.02233	1.06E-08	3.13E-07
202864_s_at	SP100	0.010638	5.61E-07	1.05E-05
202866_at	DNAJB12	-0.00904	2.58E-06	4.01E-05
202867_s_at	DNAJB12	-0.00859	0.002034	0.012427
202872_at	ATP6V1C1	-0.01244	1.12E-06	1.93E-05
202873_at	ATP6V1C1	-0.00666	0.003372	0.018797
202874_s_at	ATP6V1C1	-0.0073	7.9E-05	0.000807
202883_s_at	PPP2R1B	-0.00871	0.001596	0.010167
202884_s_at	PPP2R1B	-0.00628	0.002099	0.012731
202886_s_at	PPP2R1B	-0.006	0.006604	0.032143
202888_s_at	ANPEP	-0.02073	2.38E-09	8.69E-08
202889_x_at	MAP7	-0.01629	2.5E-09	9.07E-08
202890_at	MAP7	-0.01258	1.27E-09	4.99E-08
202891_at	NIT1	-0.01063	3.05E-07	6.13E-06
202892_at	CDC23	-0.00849	0.010632	0.047051
202893_at	UNC13B	-0.00836	0.000317	0.002642
202898_at	SDC3	0.014582	3.32E-11	2.4E-09
202899_s_at	SRSF3	0.008857	0.009176	0.041743
202901_x_at	CTSS	0.015158	5.62E-07	1.05E-05
202902_s_at	CTSS	0.025984	5.46E-13	7.41E-11
202912_at	ADM	-0.01079	0.00011	0.001077
202917_s_at	S100A8	0.013824	0.002892	0.016559
202920_at	ANK2	-0.02758	4.18E-11	2.9E-09
202921_s_at	ANK2	-0.02313	3.91E-07	7.59E-06
202922_at	GCLC	-0.01202	1.39E-05	0.000176
202923_s_at	GCLC	-0.01377	4.31E-09	1.43E-07
202924_s_at	PLAGL2	-0.00682	0.003626	0.019942
202925_s_at	PLAGL2	-0.00593	0.001799	0.01122
202929_s_at	DDT	-0.00672	0.00025	0.002163
202930_s_at	SUCLA2	-0.01075	6.8E-07	1.24E-05
202931_x_at	BIN1	-0.0109	9.23E-05	0.000926
202932_at	YES1	-0.00847	0.000818	0.005898

202935_s_at	SOX9	0.015464	2.46E-05	0.000292
202936_s_at	SOX9	0.016034	8.59E-06	0.000115
202941_at	NDUFV2	-0.01011	1.36E-06	2.28E-05
202942_at	ETFB	-0.01295	2.08E-05	0.000251
202947_s_at	GYPC	0.015398	3.3E-07	6.57E-06
202948_at	IL1R1	0.006638	0.008958	0.040934
202949_s_at	FHL2	0.017654	1.05E-07	2.37E-06
202950_at	CRYZ	-0.0068	7.95E-05	0.000811
202953_at	C1QB	0.019221	1.08E-06	1.88E-05
202957_at	HCLS1	0.025585	7.3E-12	6.78E-10
202959_at	MUT	-0.00976	6.1E-06	8.58E-05
202960_s_at	MUT	-0.01213	5.74E-10	2.54E-08
202961_s_at	ATP5J2	-0.00382	0.006023	0.029884
202962_at	KIF13B	-0.00925	8E-05	0.000815
202965_s_at	CAPN6	0.019737	4.91E-07	9.33E-06
202966_at	CAPN6	0.014868	1.83E-05	0.000224
202967_at	GSTA4	-0.00658	0.001515	0.00972
202968_s_at	DYRK2	0.007214	0.000761	0.005551
202972_s_at	FAM13A	-0.00589	0.000866	0.006194
202974_at	MPP1	-0.01612	3.4E-07	6.74E-06
202975_s_at	RHOBTB3	-0.00905	0.00404	0.021769
202977_s_at	CREBZF	0.005521	0.007513	0.035708
202981_x_at	SIAH1	0.004048	0.008519	0.03929
202982_s_at	ACOT1	-0.02116	1.68E-07	3.6E-06
202988_s_at	RGS1	0.021429	1.33E-05	0.000169
202990_at	PYGL	0.008192	0.000169	0.001548
202992_at	C7	0.018221	5.4E-06	7.72E-05
202994_s_at	FBLN1	0.016608	2.33E-05	0.000278
203005_at	LTBR	-0.0053	0.001247	0.008283
203007_x_at	LYPLA1	-0.00565	0.004996	0.025854
203011_at	IMPA1	-0.00792	0.001981	0.01217
203012_x_at	RPL23A	0.00316	0.001605	0.010208
203015_s_at	SSX2IP	-0.00938	0.000536	0.004157
203017_s_at	SSX2IP	-0.00978	0.000133	0.001266
203018_s_at	SSX2IP	-0.01094	6.66E-06	9.29E-05
203021_at	SLPI	0.038273	4.18E-11	2.9E-09
203029_s_at	PTPRN2	0.0086	0.001039	0.007164
203030_s_at	PTPRN2	0.015523	3.43E-06	5.15E-05
203031_s_at	UROS	-0.00534	0.008468	0.039119
203032_s_at	FH	-0.01372	2.1E-05	0.000254
203033_x_at	FH	-0.0105	4.1E-10	1.93E-08
203034_s_at	RPL27A	0.010515	0.001108	0.007542
203036_s_at	MTSS1	-0.0065	0.009181	0.04175
203037_s_at	MTSS1	-0.00676	0.001373	0.008983
203039_s_at	NDUFS1	-0.01316	3.62E-08	9.19E-07
203041_s_at	LAMP2	-0.00951	5E-07	9.47E-06
203042_at	LAMP2	-0.01341	5.83E-08	1.39E-06
203045_at	NINJ1	-0.00584	0.001389	0.009062
203048_s_at	TTC37	-0.00749	0.000909	0.006449

203060_s_at	PAPSS2	0.007252	0.000994	0.006912
203064_s_at	FOXK2	-0.00715	0.000232	0.002026
203065_s_at	CAV1	0.011187	0.000663	0.004967
203066_at	CHST15	0.018499	3.43E-07	6.79E-06
203067_at	PDHX	-0.00859	4.07E-06	6.02E-05
203068_at	KLHL21	-0.00891	8.33E-06	0.000113
203071_at	SEMA3B	-0.00797	0.000302	0.00253
203073_at	COG2	-0.00906	0.002019	0.012348
203076_s_at	SMAD2	0.006378	0.00055	0.004239
203083_at	THBS2	0.014846	0.000687	0.005111
203085_s_at	TGFB1	0.004471	0.002607	0.015227
203087_s_at	KIF2A	0.005109	0.011091	0.048607
203091_at	FUBP1	0.003755	0.003163	0.017826
203095_at	MTIF2	-0.00509	0.008029	0.037547
203104_at	CSF1R	0.016617	1.87E-05	0.000228
203105_s_at	DNM1L	-0.00441	0.010515	0.046623
203107_x_at	RPS2	0.009314	0.003556	0.019612
203115_at	FECH	-0.01085	1.13E-05	0.000147
203116_s_at	FECH	-0.00953	0.005173	0.026546
203123_s_at	SLC11A2	-0.00868	0.001138	0.007701
203124_s_at	SLC11A2	-0.00824	6.59E-05	0.000691
203129_s_at	KIF5C	0.01	4.24E-06	6.23E-05
203131_at	PDGFRA	0.023038	9.03E-07	1.6E-05
203132_at	RB1	0.011458	0.000197	0.001763
203134_at	PICALM	-0.00458	0.000676	0.005042
203139_at	DAPK1	0.008791	2.94E-06	4.51E-05
203140_at	BCL6	0.010125	0.001043	0.007183
203145_at	SPAG5	-0.03104	3.61E-18	5.74E-15
203147_s_at	TRIM14	-0.00994	9.25E-05	0.000927
203148_s_at	TRIM14	-0.00713	0.002568	0.015029
203151_at	MAP1A	0.006624	0.00259	0.015142
203154_s_at	PAK4	-0.00714	0.000506	0.003958
203156_at	AKAP11	-0.0058	0.008201	0.038173
203157_s_at	GLS	-0.01629	3.89E-09	1.31E-07
203158_s_at	GLS	-0.01647	5.86E-11	3.83E-09
203159_at	GLS	-0.0156	2.56E-18	4.39E-15
203164_at	SLC33A1	-0.01037	1.53E-07	3.3E-06
203165_s_at	SLC33A1	-0.00809	0.007223	0.034643
203166_at	CFDP1	-0.00776	5.25E-06	7.51E-05
203167_at	TIMP2	0.01307	0.0003	0.002518
203173_s_at	C16orf62	-0.00661	0.004644	0.024404
203178_at	GATM	-0.01719	4.29E-10	2.01E-08
203179_at	GALT	-0.00626	0.004715	0.024685
203180_at	ALDH1A3	0.010239	0.00042	0.003369
203185_at	RASSF2	0.014623	7.82E-07	1.41E-05
203186_s_at	S100A4	0.020726	4.37E-08	1.09E-06
203188_at	B3GNT1	-0.01037	2.29E-06	3.62E-05
203190_at	NDUFS8	-0.00741	9.02E-06	0.000121
203192_at	ABCB6	-0.00888	0.001112	0.00756

203193_at	ESRRA	-0.00526	0.004618	0.02428
203199_s_at	MTRR	-0.00945	1.09E-05	0.000142
203200_s_at	MTRR	-0.01144	7.66E-05	0.000787
203206_at	FAM53B	-0.00624	0.001519	0.009737
203207_s_at	MTRF1	-0.01775	2.19E-14	4.99E-12
203208_s_at	MTRF1	-0.01277	1.16E-09	4.62E-08
203215_s_at	MYO6	-0.00493	0.003614	0.019892
203216_s_at	MYO6	-0.00524	0.004415	0.023391
203217_s_at	ST3GAL5	0.011192	0.000707	0.005229
203220_s_at	TLE1	0.012642	9.7E-08	2.2E-06
203221_at	TLE1	0.015416	2.01E-09	7.54E-08
203222_s_at	TLE1	0.006533	0.00702	0.033856
203228_at	PAFAH1B3	0.004244	0.009724	0.043716
203233_at	IL4R	0.00847	0.000115	0.001113
203236_s_at	LGALS9	0.007153	7.32E-05	0.000756
203240_at	FCGBP	0.007449	0.000786	0.005695
203244_at	PEX5	-0.00865	0.00177	0.011079
203256_at	CDH3	0.019117	1.27E-09	4.99E-08
203261_at	DCTN6	-0.00551	5.27E-05	0.00057
203265_s_at	MAP2K4	-0.00515	0.00477	0.024944
203266_s_at	MAP2K4	-0.00508	0.007248	0.034748
203272_s_at	TUSC2	-0.00514	0.005399	0.027458
203273_s_at	TUSC2	-0.00593	6.58E-05	0.00069
203274_at	F8A1	-0.00852	6.36E-05	0.000671
203276_at	LMNB1	0.006618	0.002432	0.014385
203278_s_at	PHF21A	0.006125	0.001509	0.009692
203280_at	SAFB2	-0.00647	1.05E-05	0.000137
203281_s_at	UBA7	0.006819	0.001713	0.010789
203282_at	GBE1	-0.00665	0.006944	0.033534
203293_s_at	LMAN1	-0.00591	0.004923	0.025558
203300_x_at	AP1S2	0.015345	1.77E-07	3.77E-06
203302_at	DCK	0.011664	0.000386	0.003129
203303_at	DYNLT3	-0.00448	0.007339	0.035059
203305_at	F13A1	0.00862	0.004304	0.022932
203307_at	GNL1	0.00492	0.005247	0.026836
203313_s_at	TGIF1	0.006948	0.006714	0.032578
203316_s_at	SNRPE	0.004578	0.000416	0.003343
203320_at	SH2B3	0.00515	0.005614	0.028273
203321_s_at	ADNP2	-0.00564	0.001672	0.010563
203323_at	CAV2	0.00613	0.004227	0.022603
203324_s_at	CAV2	0.008335	0.000941	0.006628
203329_at	PTPRM	-0.00333	0.001215	0.008113
203332_s_at	INPP5D	0.011089	3.15E-06	4.79E-05
203335_at	PHYH	-0.01898	1.19E-16	1.06E-13
203339_at	SLC25A12	-0.00727	0.000498	0.003908
203340_s_at	SLC25A12	-0.00591	0.000165	0.001523
203343_at	UGDH	-0.00953	0.000759	0.005539
203344_s_at	RBBP8	0.00654	0.002761	0.015941
203350_at	AP1G1	-0.0063	2.94E-06	4.5E-05

203354_s_at	PSD3	0.010212	0.002481	0.0146
203355_s_at	PSD3	0.011978	0.000222	0.001956
203371_s_at	NDUFB3	-0.00526	0.000226	0.001986
203372_s_at	SOCS2	-0.01213	6.7E-06	9.33E-05
203381_s_at	APOE	-0.02406	2.76E-07	5.61E-06
203382_s_at	APOE	-0.0155	1.6E-06	2.62E-05
203385_at	DGKA	0.028551	1.78E-12	2.03E-10
203397_s_at	GALNT3	0.01178	0.00011	0.001072
203402_at	KCNAB2	-0.01464	1.18E-09	4.7E-08
203405_at	PSMG1	-0.00639	0.006527	0.031858
203407_at	PPL	0.006641	0.006711	0.032573
203414_at	MMD	0.008406	0.000133	0.001258
203416_at	CD53	0.032262	1.65E-11	1.34E-09
203423_at	RBP1	0.017175	1.43E-10	8.16E-09
203431_s_at	ARHGAP32	-0.01107	3.21E-05	0.00037
203433_at	MTHFS	-0.01538	5.58E-14	1.01E-11
203434_s_at	MME	-0.02626	1.38E-12	1.65E-10
203435_s_at	MME	-0.02719	1.86E-14	4.56E-12
203438_at	STC2	-0.01835	2.69E-08	7.08E-07
203439_s_at	STC2	-0.01158	1.87E-07	3.96E-06
203440_at	CDH2	-0.00911	0.000573	0.00439
203441_s_at	CDH2	-0.00997	2.34E-05	0.000278
203449_s_at	TERF1	-0.00422	0.006391	0.031344
203454_s_at	ATOX1	-0.00774	0.00845	0.039076
203455_s_at	SAT1	0.004061	0.006748	0.032684
203458_at	SPR	-0.00741	0.001192	0.007994
203464_s_at	EPN2	0.005011	0.003046	0.017293
203465_at	MRPL19	-0.00805	8.53E-06	0.000115
203466_at	MPV17	-0.00782	0.002737	0.015831
203468_at	CDK10	-0.00646	0.000219	0.001936
203469_s_at	CDK10	-0.00591	0.001439	0.00932
203470_s_at	PLEK	0.008682	0.000592	0.004515
203471_s_at	PLEK	0.020664	8.3E-10	3.51E-08
203474_at	IQGAP2	-0.02011	3.56E-12	3.66E-10
203476_at	TPBG	0.019206	1.81E-11	1.44E-09
203478_at	NDUFC1	-0.00777	1.72E-07	3.68E-06
203484_at	SEC61G	0.006141	0.004547	0.023978
203485_at	RTN1	0.008997	0.002463	0.014526
203490_at	ELF4	0.006942	9.88E-05	0.000981
203499_at	EPHA2	0.006898	0.000493	0.003874
203500_at	GCDH	-0.01539	1.45E-08	4.14E-07
203501_at	PGCP	-0.00697	2.45E-05	0.000291
203504_s_at	ABCA1	-0.01086	5.87E-05	0.000628
203508_at	TNFRSF1B	0.014002	2.33E-08	6.22E-07
203510_at	MET	0.005785	0.000274	0.002333
203516_at	SNTA1	-0.00981	1.29E-07	2.85E-06
203523_at	LSP1	0.012049	2.29E-06	3.62E-05
203524_s_at	MPST	-0.0063	0.005617	0.028273
203528_at	SEMA4D	0.007944	0.003202	0.01801

203531_at	CUL5	-0.0076	0.006183	0.030495
203533_s_at	CUL5	-0.00769	0.000184	0.001664
203535_at	S100A9	0.011648	1.73E-06	2.82E-05
203536_s_at	CIAO1	-0.00747	0.00011	0.001074
203537_at	PRPSAP2	-0.00772	0.001382	0.009035
203542_s_at	KLF9	-0.01047	0.000336	0.002778
203543_s_at	KLF9	-0.01884	2.86E-09	1.03E-07
203546_at	IPO13	-0.0157	1.67E-10	9.35E-09
203547_at	CD4	0.013847	2.46E-07	5.05E-06
203548_s_at	LPL	-0.01358	0.001097	0.007483
203549_s_at	LPL	-0.01584	0.000188	0.001697
203551_s_at	COX11	-0.00887	4.67E-06	6.76E-05
203554_x_at	PTTG1	0.009894	9.18E-05	0.000922
203556_at	ZHX2	0.004865	0.006593	0.032111
203557_s_at	PCBD1	-0.00949	6.4E-05	0.000673
203558_at	CUL7	-0.00462	0.008419	0.03899
203559_s_at	ABP1	-0.02761	2.17E-08	5.85E-07
203560_at	GGH	-0.02228	1.21E-10	7.13E-09
203561_at	FCGR2A	0.016127	5.59E-07	1.05E-05
203562_at	FEZ1	0.008234	0.003847	0.020899
203565_s_at	MNAT1	-0.00608	0.003708	0.020302
203566_s_at	AGL	-0.00881	0.000185	0.001675
203569_s_at	OFD1	0.005998	0.00341	0.018971
203570_at	LOXL1	0.006121	0.001805	0.011242
203594_at	RTCD1	-0.00895	6.44E-08	1.52E-06
203603_s_at	ZEB2	0.013563	0.000391	0.003163
203606_at	NDUFS6	-0.00536	2.69E-05	0.000315
203608_at	ALDH5A1	-0.01956	1.75E-08	4.85E-07
203609_s_at	ALDH5A1	-0.01388	4.38E-08	1.09E-06
203619_s_at	FAIM2	0.007503	7.63E-05	0.000784
203620_s_at	FCHSD2	0.006117	0.009877	0.044282
203627_at	IGF1R	-0.0126	1.79E-05	0.00022
203628_at	IGF1R	-0.00849	0.000974	0.0068
203633_at	CPT1A	-0.0049	0.00243	0.014376
203634_s_at	CPT1A	-0.00977	0.00183	0.011371
203635_at	DSCR3	-0.00939	0.000717	0.00529
203636_at	MID1	0.00763	0.002334	0.013887
203637_s_at	MID1	0.011005	0.000206	0.001834
203638_s_at	FGFR2	-0.00715	0.007813	0.036759
203645_s_at	CD163	0.022266	1.05E-09	4.25E-08
203646_at	FDX1	-0.00824	6.58E-06	9.19E-05
203647_s_at	FDX1	-0.01168	1.37E-12	1.64E-10
203658_at	SLC25A20	-0.01411	0.000132	0.001255
203661_s_at	TMOD1	0.00895	0.00104	0.007168
203663_s_at	COX5A	-0.00731	1.68E-08	4.69E-07
203665_at	HMOX1	-0.01089	0.00027	0.002301
203668_at	MAN2C1	-0.0044	0.004995	0.025852
203671_at	TPMT	-0.01396	8.11E-10	3.45E-08
203672_x_at	TPMT	-0.0093	2.42E-09	8.83E-08

203673_at	TG	-0.00713	0.000269	0.002295
203676_at	GNS	-0.0069	0.010138	0.04525
203682_s_at	IVD	-0.01532	6.5E-09	2.08E-07
203689_s_at	FMR1	-0.0073	0.00167	0.010556
203691_at	PI3	0.006714	0.001285	0.008482
203693_s_at	E2F3	-0.00663	0.00054	0.004176
203695_s_at	DFNA5	-0.01168	0.00065	0.004882
203697_at	FRZB	0.014351	6.55E-06	9.16E-05
203698_s_at	FRZB	0.014342	3.5E-05	0.0004
203699_s_at	DIO2	-0.0146	0.000191	0.001722
203702_s_at	TTLL4	0.004277	0.002348	0.013958
203711_s_at	HIBCH	-0.02203	4.42E-17	5.79E-14
203714_s_at	TBCE	-0.00466	0.004963	0.025732
203715_at	TBCE	-0.00684	0.00759	0.03599
203716_s_at	DPP4	-0.01354	0.000102	0.00101
203717_at	DPP4	-0.01141	0.000613	0.004636
203722_at	ALDH4A1	-0.01821	1.02E-06	1.78E-05
203725_at	GADD45A	-0.01393	1.18E-12	1.44E-10
203726_s_at	LAMA3	0.008001	0.005516	0.027891
203727_at	SKIV2L	-0.00568	0.00038	0.003087
203729_at	EMP3	0.007788	0.001077	0.007376
203732_at	TRIP4	-0.0088	2.72E-06	4.21E-05
203733_at	DEXI	-0.00643	0.002864	0.016416
203741_s_at	ADCY7	0.008709	0.001189	0.007976
203742_s_at	TDG	0.005677	0.007347	0.03507
203753_at	TCF4	0.015756	1.99E-06	3.2E-05
203758_at	CTSO	0.006987	0.005649	0.02842
203760_s_at	SLA	0.009438	2.37E-06	3.74E-05
203761_at	SLA	0.018409	9.36E-09	2.82E-07
203767_s_at	STS	0.006493	0.006602	0.032139
203769_s_at	STS	0.008837	0.001038	0.007162
203774_at	MTR	-0.00508	0.003688	0.020209
203775_at	SLC25A13	-0.01769	1.58E-11	1.3E-09
203779_s_at	MPZL2	0.013537	1.05E-07	2.37E-06
203780_at	MPZL2	0.011259	5.68E-05	0.000609
203782_s_at	POLRMT	-0.00725	0.008607	0.039614
203784_s_at	DDX28	0.005679	0.000444	0.003543
203785_s_at	DDX28	-0.0103	6.85E-06	9.5E-05
203786_s_at	TPD52L1	0.007651	0.006752	0.032696
203787_at	SSBP2	0.010243	0.000102	0.001014
203790_s_at	HRSP12	-0.02733	6.31E-17	7.32E-14
203791_at	DMXL1	-0.01075	5.47E-08	1.32E-06
203792_x_at	PCGF2	-0.00696	0.007319	0.034996
203799_at	CD302	0.014289	7.36E-06	0.000101
203803_at	PCYOX1	-0.01223	0.001524	0.009761
203812_at		0.012024	6.22E-05	0.000659
203814_s_at	NQO2	-0.02558	3.1E-12	3.22E-10
203817_at	GUCY1B3	0.007551	0.006279	0.03089
203824_at	TSPAN8	0.017889	1.75E-05	0.000216

203827_at	WIP11	-0.01035	3.68E-07	7.2E-06
203831_at	R3HDM2	-0.00611	0.003001	0.017074
203851_at	IGFBP6	0.023619	1.23E-10	7.23E-09
203853_s_at	GAB2	0.004643	0.005957	0.02963
203854_at	CFI	-0.01105	0.000554	0.004263
203859_s_at	PALM	-0.00789	1.84E-05	0.000225
203860_at	PCCA	-0.01107	8.12E-12	7.41E-10
203880_at	COX17	-0.00516	0.007651	0.036211
203882_at	IRF9	0.006872	0.000951	0.006667
203886_s_at	FBLN2	0.00956	2.32E-05	0.000277
203892_at	WFDC2	0.030867	5.17E-15	1.67E-12
203894_at	TUBG2	-0.00756	4.18E-05	0.000466
203896_s_at	PLCB4	0.011989	6.97E-05	0.000724
203897_at	LYRM1	-0.00755	0.000232	0.002026
203900_at	KIAA0467	-0.00638	0.000158	0.001467
203903_s_at	HEPH	0.00961	0.001404	0.009127
203907_s_at	IQSEC1	-0.00723	0.001414	0.009182
203908_at	SLC4A4	-0.03082	1.18E-18	2.72E-15
203910_at	ARHGAP29	0.008304	0.000587	0.004484
203911_at	RAP1GAP	-0.00745	0.007782	0.036686
203913_s_at	HPGD	-0.02112	5.47E-09	1.77E-07
203914_x_at	HPGD	-0.02861	1.82E-14	4.5E-12
203917_at	CXADR	0.011798	2.29E-06	3.62E-05
203922_s_at	CYBB	0.022284	1.38E-09	5.36E-08
203923_s_at	CYBB	0.021464	3.06E-09	1.07E-07
203924_at	GSTA1	-0.03167	1.34E-12	1.62E-10
203925_at	GCLM	-0.00784	0.003129	0.01766
203926_x_at	ATP5D	-0.00633	0.003972	0.021483
203927_at	NFKBIE	0.006337	6.16E-05	0.000654
203928_x_at	MAPT	-0.01768	2.85E-06	4.38E-05
203929_s_at	MAPT	-0.02271	4.66E-12	4.58E-10
203930_s_at	MAPT	-0.02478	4.24E-06	6.24E-05
203932_at	HLA-DMB	0.015358	1.93E-07	4.07E-06
203933_at	RAB11FIP3	-0.01306	2.56E-08	6.77E-07
203935_at	ACVR1	-0.00524	0.003105	0.017562
203936_s_at	MMP9	0.005115	0.003903	0.021158
203944_x_at	BTN2A1	0.005857	0.008275	0.038443
203945_at	ARG2	-0.00583	1.71E-05	0.000211
203946_s_at	ARG2	-0.0111	0.000162	0.001498
203950_s_at	CLCN6	-0.01337	1.37E-05	0.000173
203953_s_at	CLDN3	0.009353	1.63E-05	0.000202
203954_x_at	CLDN3	0.010129	0.000126	0.00121
203955_at	KIAA0649	-0.00737	0.003753	0.020508
203961_at	NEBL	-0.00909	0.00103	0.007115
203964_at	NMI	0.01211	4.62E-08	1.14E-06
203966_s_at	PPM1A	-0.00663	0.000801	0.005799
203971_at	SLC31A1	-0.01299	2.55E-12	2.74E-10
203972_s_at	PEX3	-0.00882	6.82E-05	0.000711
203979_at	CYP27A1	-0.01309	2.32E-09	8.51E-08

203980_at	FABP4	0.008245	0.004013	0.02166
203981_s_at	ABCD4	-0.006	0.003848	0.020899
203984_s_at	CASP9	-0.00555	0.007595	0.036
203986_at	FAM47E	-0.01141	1.09E-06	1.9E-05
204000_at	GNB5	-0.00867	1.11E-05	0.000144
204006_s_at	FCGR3A	0.012553	8.42E-05	0.000853
204007_at	FCGR3B	0.007656	0.004688	0.024553
204009_s_at	KRAS	0.004679	0.006214	0.030617
204014_at	DUSP4	0.006119	0.005701	0.028603
204016_at	LARS2	-0.01076	0.000534	0.004146
204017_at	KDEL3	0.011343	0.000502	0.003931
204018_x_at	HBA1	0.016691	0.006162	0.030416
204019_s_at	SH3YL1	-0.01158	6.57E-07	1.21E-05
204027_s_at	METTL1	-0.01282	4.77E-07	9.12E-06
204032_at	BCAR3	-0.00817	0.000557	0.004282
204036_at	LPAR1	0.016216	2.53E-06	3.95E-05
204037_at	LPAR1	0.020161	4.69E-10	2.16E-08
204038_s_at	LPAR1	0.018387	2.73E-08	7.17E-07
204040_at	RNF144A	0.007227	0.002753	0.015904
204041_at	MAOB	-0.0143	1.99E-08	5.45E-07
204043_at	TCN2	-0.01544	1.06E-06	1.86E-05
204044_at	QPRT	-0.02187	3.1E-11	2.29E-09
204051_s_at	SFRP4	0.006502	0.007454	0.035504
204053_x_at	PTEN	0.005006	0.005191	0.026604
204057_at	IRF8	0.018352	2.07E-11	1.6E-09
204060_s_at	PRKX	0.011557	0.002208	0.01326
204061_at	PRKX	0.01182	0.001973	0.012134
204066_s_at	AGAP1	-0.01268	0.000228	0.002001
204067_at	SUOX	-0.01421	9.49E-08	2.17E-06
204071_s_at	TOPORS	-0.00743	0.002592	0.015146
204073_s_at	C11orf9	0.007422	0.001921	0.011859
204075_s_at	KIAA0562	-0.00928	0.000221	0.001948
204083_s_at	TPM2	0.01423	3.11E-06	4.73E-05
204099_at	SMARCD3	0.007836	0.00674	0.032674
204101_at	MTM1	-0.00761	0.001195	0.008009
204103_at	CCL4	0.008417	0.000184	0.001663
204105_s_at	NRCAM	-0.01246	9.4E-05	0.000939
204112_s_at	HNMT	-0.00674	0.001335	0.008772
204114_at	NID2	0.007873	0.00698	0.033701
204115_at	GNG11	0.009968	6.35E-06	8.91E-05
204116_at	IL2RG	0.025055	4.73E-10	2.17E-08
204118_at	CD48	0.037055	1.78E-12	2.03E-10
204121_at	GADD45G	-0.00805	0.006157	0.030403
204122_at	TYROBP	0.023049	2.62E-08	6.92E-07
204124_at	SLC34A2	0.015271	0.001062	0.007285
204125_at	NDUFAF1	-0.01219	2.41E-06	3.78E-05
204130_at	HSD11B2	-0.01584	1.14E-06	1.97E-05
204137_at	GPR137B	-0.02087	2.03E-12	2.3E-10
204140_at	TPST1	0.006484	0.001201	0.008036

204142_at	ENOSF1	-0.01822	3.87E-12	3.92E-10
204143_s_at	ENOSF1	-0.01621	5.56E-11	3.71E-09
204150_at	STAB1	0.006337	0.005611	0.028273
204153_s_at	MFNG	0.00794	1.97E-05	0.00024
204157_s_at	SIK3	-0.0092	0.001238	0.008241
204158_s_at	TCIRG1	0.008612	8.79E-05	0.000887
204162_at	NDC80	0.008497	0.001597	0.010174
204167_at	BTD	-0.01586	2.26E-06	3.58E-05
204168_at	MGST2	-0.00793	1.83E-07	3.88E-06
204174_at	ALOX5AP	0.025174	2.51E-10	1.29E-08
204178_s_at	RBM14	-0.00497	0.007049	0.033967
204183_s_at	ADRBK2	0.007561	0.00102	0.00705
204185_x_at	PPID	-0.00825	2.77E-07	5.62E-06
204188_s_at	RARG	0.004227	0.005131	0.026417
204192_at	CD37	0.010275	4.66E-05	0.000513
204194_at	BACH1	0.006882	0.00223	0.013381
204197_s_at	RUNX3	0.006288	0.002175	0.013097
204198_s_at	RUNX3	0.011606	0.000153	0.001423
204200_s_at	PDGFB	-0.0066	8.56E-05	0.000866
204204_at	SLC31A2	-0.01195	0.000293	0.002471
204205_at	APOBEC3G	0.018857	5.57E-07	1.04E-05
204213_at	PIGR	0.00993	0.003518	0.019439
204220_at	GMFG	0.021888	4.95E-09	1.61E-07
204221_x_at	GLIPR1	0.004915	0.008577	0.039525
204222_s_at	GLIPR1	0.017911	2.04E-08	5.57E-07
204223_at	PRELP	0.007668	0.008583	0.039537
204224_s_at	GCH1	-0.02227	1.6E-12	1.87E-10
204231_s_at	FAAH	-0.00878	0.003405	0.018952
204232_at	FCER1G	0.029307	7.45E-12	6.88E-10
204233_s_at	CHKA	-0.00563	0.000473	0.003729
204236_at	FLI1	0.011201	0.000127	0.001216
204242_s_at	ACOX3	-0.00627	0.004749	0.024838
204245_s_at	RPP14	-0.00615	0.009221	0.041889
204254_s_at	VDR	-0.01046	6.05E-05	0.000644
204255_s_at	VDR	-0.01229	5.77E-07	1.07E-05
204259_at	MMP7	0.028636	3.56E-11	2.55E-09
204260_at	CHGB	-0.01255	0.0023	0.013725
204264_at	CPT2	-0.0124	2.68E-09	9.68E-08
204265_s_at	GP3M3	0.010232	2.87E-06	4.4E-05
204268_at	S100A2	0.013479	5.7E-05	0.000611
204269_at	PIM2	0.007133	0.000301	0.002526
204271_s_at	EDNRB	0.012284	0.00012	0.001157
204273_at	EDNRB	0.00942	0.002341	0.013923
204279_at	PSMB9	0.021265	6.1E-08	1.44E-06
204282_s_at	FARS2	-0.00531	0.000664	0.004976
204283_at	FARS2	-0.0086	0.001614	0.010252
204285_s_at	PMAIP1	0.011452	0.001714	0.010789
204288_s_at	SORBS2	0.005739	0.007046	0.033959
204289_at	LOC100506517	-0.02385	1.05E-15	5.12E-13

204290_s_at	ALDH6A1	-0.02511	9.44E-17	9.14E-14
204294_at	AMT	-0.01446	1.31E-08	3.8E-07
204295_at	SURF1	-0.00696	0.000514	0.004013
204296_at	DCTN1	0.005774	0.005159	0.026513
204300_at	PET112L	-0.01113	2.88E-05	0.000336
204301_at	KBTBD11	-0.01076	2.24E-05	0.000268
204304_s_at	PROM1	0.027981	2.91E-09	1.04E-07
204305_at	MIPEP	-0.00856	0.000743	0.005447
204306_s_at	CD151	0.010832	0.002459	0.014518
204310_s_at	NPR2	-0.00644	0.000761	0.005551
204311_at	ATP1B2	-0.0114	0.00674	0.032674
204313_s_at	CREB1	0.006585	0.000342	0.002817
204316_at	RGS10	0.008153	0.001007	0.006972
204319_s_at	RGS10	0.017636	3.14E-10	1.55E-08
204321_at	NEO1	-0.00694	0.000473	0.003729
204326_x_at	MT1X	-0.01246	2.62E-05	0.000307
204328_at	TMC6	0.013078	1.67E-08	4.65E-07
204345_at	COL16A1	0.01107	2.75E-06	4.25E-05
204347_at	AK4	-0.02188	9.49E-10	3.93E-08
204348_s_at	AK4	-0.01686	6.93E-11	4.46E-09
204351_at	S100P	0.006853	0.002111	0.01278
204352_at	TRAF5	0.010642	4.46E-06	6.52E-05
204358_s_at	FLRT2	0.008637	0.001244	0.008272
204359_at	FLRT2	0.010282	0.000927	0.006547
204360_s_at	NAGLU	-0.00756	0.007637	0.03615
204378_at	BCAS1	0.008058	0.000434	0.003463
204379_s_at	FGFR3	-0.01204	0.000107	0.001053
204385_at	KYNU	-0.01999	9.53E-09	2.86E-07
204388_s_at	MAOA	-0.02429	1.89E-11	1.49E-09
204389_at	MAOA	-0.01944	2.97E-08	7.73E-07
204393_s_at	ACPP	0.010878	0.003658	0.020093
204395_s_at	GRK5	0.005747	0.008453	0.039076
204396_s_at	GRK5	0.006852	0.00869	0.039881
204415_at	IFI6	0.01158	6.78E-06	9.43E-05
204416_x_at	APOC1	0.011019	0.003326	0.018581
204417_at	GALC	-0.00968	0.000335	0.00277
204421_s_at	FGF2	0.005816	0.009597	0.043217
204423_at	MKLN1	-0.0066	0.004974	0.025773
204425_at	ARHGAP4	0.007211	0.001159	0.007813
204429_s_at	SLC2A5	-0.01542	1.38E-06	2.31E-05
204430_s_at	SLC2A5	-0.02971	3.86E-16	2.46E-13
204436_at	PLEKHO2	0.011599	6.15E-08	1.46E-06
204438_at	MRC1	0.017935	2.05E-06	3.29E-05
204439_at	IFI44L	0.015043	4.16E-06	6.13E-05
204440_at	CD83	-0.00967	0.001403	0.009126
204442_x_at	LTBP4	0.005026	0.001134	0.00768
204446_s_at	ALOX5	0.011227	0.000135	0.00128
204447_at	ProSAPiP1	-0.01281	2.83E-08	7.41E-07
204455_at	DST	0.010976	0.001156	0.007794

204456_s_at	GAS1	0.006037	0.001188	0.007971
204458_at	PLA2G15	-0.00722	0.000529	0.004115
204462_s_at	SLC16A2	-0.00948	0.000973	0.006794
204464_s_at	EDNRA	0.012105	0.000169	0.00155
204470_at	CXCL1	0.016784	4.81E-05	0.000527
204472_at	GEM	0.011485	0.003056	0.017335
204476_s_at	PC	-0.01502	2.07E-08	5.63E-07
204479_at	OSTF1	0.006877	0.001259	0.008339
204483_at	ENO3	-0.00522	0.004133	0.022165
204485_s_at	TOM1L1	-0.00724	0.00412	0.022114
204488_at	DOLK	-0.0092	3.53E-05	0.000402
204489_s_at	CD44	0.027475	7.15E-09	2.26E-07
204490_s_at	CD44	0.02378	2.97E-09	1.05E-07
204497_at	ADCY9	-0.00995	9.63E-05	0.000958
204501_at	NOV	0.010703	3.74E-08	9.46E-07
204502_at	SAMHD1	0.023741	5.4E-11	3.62E-09
204505_s_at	EPB49	-0.00867	0.001162	0.007832
204510_at	CDC7	0.012058	0.000354	0.002894
204517_at	PPIC	0.005753	0.002031	0.012413
204524_at	PDPK1	-0.00877	0.002136	0.012898
204528_s_at	NAP1L1	0.009073	1.01E-12	1.27E-10
204532_x_at	UGT1A1	-0.02214	1.75E-10	9.67E-09
204533_at	CXCL10	0.007199	0.00544	0.027587
204534_at	VTN	-0.00706	0.004	0.021615
204545_at	PEX6	-0.00662	0.002308	0.013757
204547_at	RAB40B	-0.00759	8.33E-06	0.000113
204556_s_at	DZIP1	-0.00666	0.000667	0.004992
204557_s_at	DZIP1	-0.00784	0.004265	0.022757
204561_x_at	APOC2	-0.00839	0.006007	0.029846
204562_at	IRF4	0.007092	0.005494	0.027807
204563_at	SELL	0.017942	1.36E-07	2.98E-06
204565_at	ACOT13	-0.01636	1.4E-12	1.66E-10
204579_at	FGFR4	-0.00766	2.58E-05	0.000304
204584_at	L1CAM	0.008082	0.001601	0.01019
204588_s_at	SLC7A7	-0.02781	9.12E-13	1.17E-10
204589_at	NUAK1	0.013049	1.29E-05	0.000164
204593_s_at	SMCR7L	-0.00796	0.004795	0.025036
204594_s_at	SMCR7L	-0.00891	1.65E-05	0.000204
204595_s_at	STC1	-0.01918	0.000118	0.00114
204596_s_at	STC1	-0.01358	0.007298	0.034916
204604_at	CDK14	-0.01022	6.41E-07	1.18E-05
204606_at	CCL21	0.028989	6.21E-12	5.89E-10
204607_at	HMGCS2	-0.01497	0.001495	0.009627
204608_at	ASL	-0.01645	5.85E-06	8.28E-05
204610_s_at	CCDC85B	0.004285	0.005401	0.027464
204613_at	PLCG2	-0.00579	0.002576	0.015072
204615_x_at	IDI1	-0.00656	4.16E-06	6.14E-05
204619_s_at	VCAN	0.014145	1.55E-05	0.000193
204620_s_at	VCAN	0.028539	2.44E-10	1.27E-08

204627_s_at	ITGB3	0.013552	0.000491	0.003863
204628_s_at	ITGB3	0.008488	0.010232	0.045571
204629_at	PARVB	-0.0119	7.59E-07	1.37E-05
204638_at	ACP5	-0.01864	2.91E-08	7.58E-07
204655_at	CCL5	0.024526	4.16E-12	4.17E-10
204658_at	TRA2A	0.008486	0.000183	0.001661
204661_at	CD52	0.031382	1.08E-09	4.33E-08
204663_at	ME3	-0.00812	0.001391	0.009069
204664_at	ALPP	0.005048	0.007841	0.036845
204668_at	RNF24	0.008474	0.001752	0.010987
204669_s_at	RNF24	0.007862	0.000747	0.005469
204670_x_at	HLA-DRB1	0.01222	0.003104	0.017559
204675_at	SRD5A1	-0.00936	0.002153	0.012985
204680_s_at	RAPGEF5	0.008561	1.16E-05	0.00015
204681_s_at	RAPGEF5	0.006166	0.008969	0.040961
204683_at	ICAM2	0.007344	0.003002	0.017074
204688_at	SGCE	0.008708	0.000525	0.004087
204693_at	CDC42EP1	0.008767	0.000188	0.001693
204694_at	AFP	-0.00478	0.000924	0.006536
204698_at	ISG20	0.01905	4.61E-08	1.14E-06
204703_at	IFT88	-0.00655	4.7E-06	6.8E-05
204704_s_at	ALDOB	-0.03335	3.97E-13	5.6E-11
204705_x_at	ALDOB	-0.02816	8.19E-12	7.45E-10
204716_at	CCDC6	-0.00577	0.000532	0.004134
204718_at	EPHB6	0.006115	0.001398	0.009099
204719_at	ABCA8	0.013591	0.003781	0.020632
204720_s_at	DNAJC6	-0.01252	8.3E-06	0.000112
204725_s_at	NCK1	0.007998	0.000587	0.004485
204731_at	TGFBR3	-0.01304	2.96E-06	4.53E-05
204741_at	BICD1	0.005347	0.003854	0.020913
204745_x_at	MT1G	-0.01228	0.002403	0.014255
204748_at	PTGS2	0.010101	0.009217	0.041877
204755_x_at	HLF	-0.00656	0.005462	0.02768
204774_at	EVI2A	0.027611	8.96E-10	3.75E-08
204775_at	CHAF1B	0.005789	0.001388	0.009058
204778_x_at	HOXB7	0.006617	0.000102	0.00101
204779_s_at	HOXB7	0.008725	0.00511	0.026324
204780_s_at	FAS	0.018252	1.06E-11	9.41E-10
204781_s_at	FAS	0.0129	1.19E-07	2.66E-06
204785_x_at	IFNAR2	0.012981	2.28E-08	6.13E-07
204786_s_at	IFNAR2	0.014124	2.54E-05	0.0003
204787_at	VSIG4	0.009059	0.000135	0.001279
204789_at	FMNL1	0.00507	0.010048	0.044902
204795_at	PRR3	0.005968	0.002549	0.014934
204798_at	MYB	0.015792	2.4E-06	3.77E-05
204803_s_at	RRAD	0.006618	0.010104	0.045124
204804_at	TRIM21	0.00763	0.00198	0.012168
204806_x_at	HLA-F	0.013759	5.84E-06	8.28E-05
204809_at	CLPX	-0.00681	0.002275	0.013614

204812_at	ZW10	-0.00879	0.00045	0.00358
204813_at	MAPK10	-0.00662	0.000176	0.001609
204817_at	ESPL1	-0.01276	6.02E-06	8.49E-05
204820_s_at	BTN3A2	0.014213	3.03E-06	4.62E-05
204821_at	BTN3A3	0.005551	0.010353	0.046017
204824_at	ENDOG	-0.01226	3.26E-09	1.13E-07
204829_s_at	FOLR2	0.018197	1.02E-09	4.14E-08
204834_at	FGL2	0.020831	1.93E-13	2.93E-11
204836_at	GLDC	-0.01787	3.26E-11	2.36E-09
204844_at	ENPEP	-0.02408	2.06E-10	1.11E-08
204845_s_at	ENPEP	-0.02265	3.68E-07	7.2E-06
204846_at	CP	0.024435	5.1E-08	1.25E-06
204856_at	B3GNT3	0.005806	0.000547	0.004224
204860_s_at	LOC100510692	0.011932	0.00189	0.011699
204868_at	ICT1	-0.00656	3.62E-06	5.4E-05
204872_at	TLE4	0.006755	0.006426	0.031462
204873_at	PEX1	-0.00988	0.000886	0.006323
204882_at	ARHGAP25	0.01906	3.3E-09	1.14E-07
204885_s_at	MSLN	0.008444	1.63E-05	0.000202
204890_s_at	LCK	0.012783	7.56E-07	1.36E-05
204893_s_at	ZFYVE9	-0.00605	0.000539	0.004174
204899_s_at	SAP30	0.005649	0.001317	0.00867
204912_at	IL10RA	0.014318	1.28E-06	2.16E-05
204916_at	RAMP1	0.005285	0.004081	0.021945
204922_at	C11orf80	0.007142	0.000304	0.002538
204923_at	SASH3	0.019559	1.05E-08	3.1E-07
204924_at	TLR2	0.010618	0.001141	0.007716
204925_at	CTNS	-0.0091	9.19E-05	0.000923
204926_at	INHBA	0.007816	0.005735	0.02871
204931_at	TCF21	0.010567	0.000381	0.003092
204932_at	TNFRSF11B	0.010196	3.33E-05	0.000383
204933_s_at	TNFRSF11B	0.007855	0.007177	0.034481
204934_s_at	HPN	-0.01454	5.51E-05	0.000592
204951_at	RHOH	0.021176	2.95E-09	1.05E-07
204953_at	SNAP91	0.008984	0.001828	0.011363
204955_at	SRPX	0.008472	4.8E-05	0.000526
204959_at	MNDA	0.026116	3.16E-10	1.56E-08
204960_at	PTPRCAP	0.009689	3.38E-05	0.000388
204961_s_at	NCF1	0.007411	0.001761	0.011035
204962_s_at	CENPA	0.006048	0.006115	0.030233
204963_at	SSPN	0.0091	0.001604	0.010206
204964_s_at	SSPN	0.008609	2.4E-06	3.77E-05
204965_at	GC	-0.01995	0.004097	0.022011
204970_s_at	MAFG	-0.00623	0.001051	0.007231
204971_at	CSTA	0.022937	2.97E-09	1.05E-07
204972_at	OAS2	0.011331	5.92E-06	8.37E-05
204973_at	GJB1	-0.01259	7.61E-05	0.000783
204977_at	DDX10	-0.01691	6.29E-07	1.16E-05
204979_s_at	SH3BGR	-0.01059	4.51E-06	6.58E-05

204981_at	SLC22A18	-0.0161	6.65E-06	9.28E-05
204982_at	GIT2	0.008478	0.000675	0.005036
204989_s_at	ITGB4	0.00882	0.001318	0.008675
204994_at	MX2	0.010316	0.000127	0.001215
204997_at	GPD1	-0.01619	0.000255	0.0022
205008_s_at	CIB2	0.005964	0.002463	0.014526
205012_s_at	HAGH	-0.01772	9.61E-11	5.93E-09
205014_at	FGFBP1	0.006306	0.000951	0.006667
205032_at	ITGA2	0.00633	0.001085	0.007427
205033_s_at	DEFA1	0.007916	0.006337	0.031135
205038_at	IKZF1	0.007297	0.001601	0.010187
205039_s_at	IKZF1	0.019427	3.79E-10	1.82E-08
205041_s_at	ORM1	0.006236	0.003716	0.02034
205044_at	GABRP	0.022107	7.03E-12	6.55E-10
205045_at	AKAP10	-0.00435	0.005007	0.025893
205052_at	AUH	-0.01498	3.28E-14	6.68E-12
205057_s_at	IDUA	0.004749	0.009143	0.041645
205059_s_at	IDUA	0.005676	0.003153	0.017779
205060_at	PARG	-0.00688	0.003819	0.0208
205063_at	SIP1	0.007262	0.00346	0.019191
205065_at	ENPP1	-0.01335	1.52E-05	0.000189
205066_s_at	ENPP1	-0.01214	8.18E-05	0.000831
205067_at	IL1B	0.00938	0.004029	0.021728
205068_s_at	ARHGAP26	0.00644	0.00205	0.012512
205073_at	CYP2J2	-0.01433	3.65E-06	5.45E-05
205074_at	SLC22A5	-0.01783	3.26E-11	2.36E-09
205075_at	SERPINF2	-0.01678	4.87E-10	2.23E-08
205076_s_at	MTMR11	-0.0075	0.002227	0.013367
205079_s_at	MPDZ	-0.01147	3.77E-05	0.000426
205081_at	CRIP1	0.029961	1.55E-15	6.41E-13
205082_s_at	AOX1	-0.01735	8.66E-06	0.000116
205083_at	AOX1	-0.02439	5.95E-09	1.91E-07
205093_at	PLEKHA6	-0.00844	0.001339	0.008794
205095_s_at	ATP6V0A1	-0.01132	0.003658	0.020093
205110_s_at	FGF13	0.009822	8.49E-05	0.000859
205114_s_at	CCL3	0.010076	0.000912	0.006468
205119_s_at	FPR1	0.005178	0.009444	0.042673
205120_s_at	SGCB	-0.00674	0.011303	0.049254
205121_at	SGCB	-0.00912	0.000156	0.00145
205131_x_at	CLEC11A	0.005192	0.000227	0.001995
205133_s_at	HSPE1	-0.00762	5.03E-06	7.21E-05
205137_x_at	USH1C	-0.01296	0.000107	0.001047
205141_at	ANG	-0.01163	0.000297	0.0025
205147_x_at	NCF4	0.009043	0.000231	0.002026
205149_s_at	CLCN4	-0.00645	0.000107	0.001051
205150_s_at	TRIL	0.008494	0.008308	0.038551
205157_s_at	KRT17	0.008954	3.71E-05	0.000421
205158_at	RNASE4	-0.00843	0.0021	0.012732
205159_at	CSF2RB	0.019959	9.17E-08	2.1E-06

205164_at	GCAT	-0.01057	1.8E-05	0.000221
205166_at	CAPN5	-0.00873	0.002846	0.016338
205168_at	DDR2	0.011393	0.000236	0.002061
205169_at	RBBP5	-0.00746	0.002084	0.012669
205173_x_at	CD58	0.0059	0.003993	0.021586
205174_s_at	QPCT	0.011887	0.000583	0.004457
205175_s_at	KHK	-0.01956	2E-10	1.08E-08
205194_at	PSPH	-0.01302	4.58E-07	8.79E-06
205201_at	GLI3	-0.00696	0.000946	0.006647
205203_at	PLD1	-0.01382	9.81E-07	1.73E-05
205208_at	ALDH1L1	-0.02434	1.38E-11	1.17E-09
205211_s_at	RIN1	0.006044	0.003083	0.01746
205213_at	ACAP1	0.008727	6.19E-05	0.000656
205214_at	STK17B	0.021593	7.99E-11	4.96E-09
205216_s_at	APOH	-0.03754	7.7E-14	1.32E-11
205217_at	TIMM8A	-0.00613	0.002345	0.013942
205219_s_at	GALK2	-0.0088	0.002942	0.016789
205221_at	HGD	-0.01809	5.53E-12	5.29E-10
205222_at	EHHADH	-0.01977	3.56E-14	7.08E-12
205229_s_at	COCH	-0.01371	0.000125	0.001193
205231_s_at	EPM2A	-0.01289	5.59E-08	1.34E-06
205233_s_at	PAFAH2	-0.00959	0.000723	0.005332
205234_at	SLC16A4	-0.01207	5.57E-08	1.34E-06
205238_at	TRMT2B	-0.0083	0.001112	0.007561
205242_at	CXCL13	0.009391	0.004784	0.024988
205243_at	SLC13A3	-0.03798	1.23E-16	1.06E-13
205244_s_at	SLC13A3	-0.03865	4.29E-17	5.79E-14
205246_at	PEX13	-0.00933	0.000279	0.002368
205254_x_at	TCF7	0.004974	0.002285	0.013656
205255_x_at	TCF7	0.005687	0.006744	0.03268
205260_s_at	ACYP1	0.009003	0.000302	0.002526
205267_at	POU2AF1	0.029515	8.74E-08	2.01E-06
205269_at	LCP2	0.015964	1.01E-06	1.78E-05
205270_s_at	LCP2	0.019839	5.21E-07	9.84E-06
205271_s_at	CDK20	-0.00546	0.004611	0.024253
205273_s_at	PITRM1	-0.00845	0.000126	0.001204
205278_at	GAD1	-0.01532	2.55E-06	3.97E-05
205285_s_at	FYB	0.021116	1.9E-08	5.22E-07
205286_at	TFAP2C	0.009418	0.000518	0.004037
205291_at	IL2RB	0.014733	5.98E-10	2.63E-08
205295_at	CKMT2	-0.01251	0.000351	0.002876
205298_s_at	BTN2A2	0.00626	0.005897	0.029394
205301_s_at	OGG1	-0.00761	0.000146	0.00137
205303_at	KCNJ8	0.017272	1.35E-06	2.27E-05
205304_s_at	KCNJ8	0.019063	1.86E-07	3.94E-06
205306_x_at	KMO	-0.03152	4.73E-13	6.5E-11
205307_s_at	KMO	-0.03193	1.27E-14	3.28E-12
205311_at	DDC	-0.03181	3.25E-15	1.19E-12
205312_at	SPI1	0.006789	0.001055	0.007244

205315_s_at	SNTB2	-0.0079	0.001442	0.009335
205322_s_at	MTF1	0.006536	0.000201	0.001797
205328_at	CLDN10	-0.00809	0.000111	0.001079
205329_s_at	SNX4	-0.00752	6.74E-10	2.92E-08
205336_at	PVALB	-0.0176	7.19E-06	9.94E-05
205341_at	EHD2	0.008148	0.000258	0.002226
205342_s_at	SULT1C2	-0.01086	0.000665	0.004978
205343_at	SULT1C2	-0.01158	4.67E-10	2.16E-08
205345_at	BARD1	0.006333	0.011098	0.048631
205349_at	GNA15	0.005131	0.003157	0.017794
205350_at	CRABP1	-0.01438	2.51E-07	5.14E-06
205351_at	GGCX	-0.00811	0.010572	0.046813
205352_at	SERPINI1	-0.0151	1.78E-06	2.9E-05
205353_s_at	PEBP1	-0.00953	5.56E-08	1.34E-06
205355_at	ACADSB	-0.02161	1.27E-15	5.67E-13
205361_s_at	PFDN4	0.00739	0.009297	0.042151
205363_at	BBOX1	-0.00841	0.001427	0.009256
205364_at	ACOX2	-0.03126	9.91E-16	5.02E-13
205365_at	HOXB6	0.007991	0.001629	0.010329
205368_at	FAM131B	0.00651	0.003849	0.020899
205369_x_at	DBT	-0.0121	7.14E-07	1.3E-05
205376_at	INPP4B	0.008745	0.000537	0.004163
205379_at	CBR3	0.011335	4.39E-05	0.000485
205380_at	PDZK1	-0.01507	3.93E-15	1.35E-12
205381_at	LRRC17	0.007611	0.007054	0.033981
205382_s_at	CFD	0.010491	3.45E-05	0.000394
205392_s_at	CCL14	0.01272	0.000687	0.005109
205395_s_at	MRE11A	0.005803	0.004103	0.022032
205403_at	IL1R2	0.007242	0.007229	0.034662
205412_at	ACAT1	-0.01825	1E-12	1.27E-10
205413_at	MPPED2	-0.00574	0.005339	0.027205
205419_at	GPR183	0.018235	2.98E-05	0.000346
205420_at	PEX7	-0.00705	0.005587	0.028179
205422_s_at	ITGBL1	0.012407	0.0003	0.002516
205430_at	BMP5	0.009483	0.000888	0.00633
205431_s_at	BMP5	0.009492	0.003186	0.017936
205434_s_at	AAK1	-0.0085	0.001734	0.010891
205440_s_at	NPY1R	0.013274	0.00023	0.002016
205441_at	OCEL1	-0.00797	0.010108	0.045134
205442_at	MFAP3L	-0.01471	1.02E-10	6.13E-09
205443_at	SNAPC1	0.006191	0.005133	0.02642
205448_s_at	MAP3K12	-0.01208	3.82E-09	1.29E-07
205455_at	MST1R	0.003034	0.01035	0.046011
205456_at	CD3E	0.007819	0.001372	0.008973
205457_at	C6orf106	-0.00492	0.000272	0.002319
205464_at	SCNN1B	-0.00955	1.13E-06	1.95E-05
205465_x_at	HS3ST1	0.003659	0.006426	0.031462
205473_at	ATP6V1B1	-0.00757	0.011193	0.048931
205480_s_at	UGP2	-0.0048	0.005748	0.028763

205483_s_at	ISG15	0.008431	0.00033	0.002729
205484_at	SIT1	0.009558	7.27E-05	0.000752
205487_s_at	VGLL1	0.005214	0.00378	0.020628
205488_at	GZMA	0.029332	4.77E-12	4.66E-10
205489_at	CRYM	-0.01885	2.02E-14	4.79E-12
205490_x_at	GJB3	0.005618	0.001108	0.007542
205495_s_at	GNLY	0.006812	0.00437	0.023196
205498_at	GHR	-0.02012	3.5E-11	2.53E-09
205499_at	SRPX2	0.011896	3.58E-05	0.000408
205500_at	C5	-0.00897	0.000499	0.00391
205501_at	PDE10A	-0.01761	2.97E-07	5.99E-06
205502_at	CYP17A1	-0.02333	3.39E-08	8.68E-07
205504_at	BTK	0.010021	1.24E-05	0.000159
205505_at	GCNT1	0.007908	0.0004	0.003223
205506_at	VIL1	-0.0144	8.52E-06	0.000115
205508_at	SCN1B	0.005082	0.002687	0.015598
205512_s_at	AIFM1	-0.01663	5.73E-08	1.37E-06
205528_s_at	RUNX1T1	0.012529	2.37E-05	0.000281
205530_at	ETFDH	-0.0203	1.72E-16	1.31E-13
205542_at	STEAP1	-0.00953	0.000777	0.005641
205543_at	HSPA4L	-0.00858	6.79E-06	9.43E-05
205547_s_at	TAGLN	0.020215	0.001015	0.007022
205552_s_at	OAS1	0.008888	0.009268	0.042057
205557_at	BPI	-0.01327	0.000128	0.00122
205560_at	PCSK5	-0.00413	0.00993	0.044466
205561_at	KCTD17	0.006195	0.00706	0.033989
205564_at	PAGE4	0.006836	0.003392	0.018892
205569_at	LAMP3	0.010385	0.000358	0.002925
205572_at	ANGPT2	0.008823	0.003283	0.018373
205579_at	HRH1	0.008623	0.002745	0.015864
205580_s_at	HRH1	0.006092	0.007831	0.036805
205582_s_at	GGT5	0.007197	0.000299	0.002514
205585_at	ETV6	0.006128	0.004558	0.024017
205587_at	FGFR1OP	-0.00657	0.000572	0.004386
205588_s_at	FGFR1OP	-0.00798	8.96E-05	0.000902
205591_at	OLFM1	0.006188	0.000596	0.004529
205592_at	SLC4A1	-0.0273	1.45E-11	1.21E-09
205599_at	TRAF1	0.007717	0.001052	0.007233
205607_s_at	SCYL3	0.00565	0.000483	0.003801
205614_x_at	MST1	-0.01198	2.51E-05	0.000297
205617_at	PRRG2	-0.00552	0.00186	0.011534
205624_at	CPA3	0.036499	8.18E-14	1.39E-11
205625_s_at	CALB1	-0.02191	3.17E-08	8.15E-07
205626_s_at	CALB1	-0.01681	3.63E-08	9.2E-07
205633_s_at	ALAS1	-0.01056	0.000228	0.002007
205640_at	ALDH3B1	-0.01045	0.000666	0.004987
205642_at	CEP110	0.007706	7.02E-05	0.000729
205653_at	CTSG	0.028011	7.16E-16	3.8E-13
205654_at	C4BPA	0.005502	0.004257	0.022732

205657_at	HAAO	-0.00913	0.00725	0.034748
205659_at	HDAC9	0.011504	9.49E-05	0.000948
205665_at	TSPAN9	-0.00587	0.000771	0.005614
205666_at	FMO1	-0.01836	6.43E-09	2.05E-07
205667_at	WRN	0.005798	0.003249	0.018217
205668_at	LY75	0.008991	0.002104	0.012747
205671_s_at	HLA-DOB	0.012124	7.33E-06	0.000101
205673_s_at	ASB9	-0.02131	1.2E-12	1.47E-10
205675_at	MTPP	-0.03433	3.84E-13	5.52E-11
205676_at	CYP27B1	-0.02768	2.89E-08	7.53E-07
205681_at	BCL2A1	0.014317	1.32E-05	0.000168
205682_x_at	APOM	-0.02655	1.16E-07	2.59E-06
205683_x_at	TPSAB1	0.021395	1.01E-10	6.11E-09
205685_at	CD86	0.006663	0.002882	0.016512
205686_s_at	CD86	0.013317	1.5E-06	2.48E-05
205689_at	PCNXL2	0.00589	0.001231	0.008205
205694_at	TYRP1	-0.01378	0.00024	0.002087
205696_s_at	GFRA1	0.013413	1.9E-05	0.000231
205710_at	LRP2	-0.01759	1.55E-08	4.38E-07
205711_x_at	ATP5C1	-0.00553	0.000151	0.001413
205712_at	PTPRD	-0.0198	4.28E-10	2.01E-08
205713_s_at	COMP	0.013453	4.21E-07	8.14E-06
205714_s_at	ZMYND10	0.006745	4.37E-05	0.000484
205715_at	BST1	-0.00956	3.76E-05	0.000425
205719_s_at	PAH	-0.02136	2.13E-09	7.88E-08
205723_at	CNTFR	0.006705	0.005164	0.026531
205728_at	ODZ1	-0.00865	0.000368	0.002995
205729_at	OSMR	0.009429	0.007637	0.03615
205730_s_at	ABLM3	-0.0136	5.95E-05	0.000634
205733_at	BLM	0.006419	0.001515	0.00972
205735_s_at	AFF3	0.00531	0.002355	0.013992
205738_s_at	FABP3	-0.00948	0.000117	0.001133
205750_at	BPHL	-0.02134	4.95E-14	9.18E-12
205751_at	SH3GL2	-0.01612	3.85E-07	7.48E-06
205752_s_at	GSTM5	0.014536	5.03E-08	1.23E-06
205756_s_at	F8	-0.0064	0.001578	0.010061
205757_at	ENTPD5	-0.02703	6.4E-15	2.01E-12
205758_at	CD8A	0.011369	3.61E-06	5.4E-05
205760_s_at	OGG1	-0.01758	1.17E-12	1.44E-10
205761_s_at	DUS4L	-0.01335	1.18E-06	2.02E-05
205765_at	CYP3A5	-0.01549	0.000116	0.001125
205768_s_at	SLC27A2	-0.02213	3.91E-09	1.32E-07
205769_at	SLC27A2	-0.02248	3.4E-09	1.16E-07
205770_at	GSR	-0.00683	0.007633	0.036147
205776_at	FMO5	-0.01755	1.39E-06	2.31E-05
205777_at	DUSP9	-0.01242	0.000268	0.002294
205782_at	FGF7	0.014407	0.000225	0.001982
205786_s_at	ITGAM	0.019775	4.93E-09	1.61E-07
205789_at	CD1D	0.010058	0.000121	0.00116

205790_at	SKAP1	0.007333	0.001523	0.009761
205791_x_at	ZNF221	0.004147	0.003995	0.02159
205796_at	TCP11L1	-0.00796	0.007009	0.033812
205798_at	IL7R	0.027301	6.83E-12	6.39E-10
205799_s_at	SLC3A1	-0.0095	2E-07	4.21E-06
205810_s_at	WASL	-0.0051	0.001747	0.010962
205816_at	ITGB8	0.008248	0.008027	0.037541
205820_s_at	APOC3	-0.00723	0.006101	0.030186
205821_at	KLRK1	0.005876	0.007344	0.03507
205824_at	HSPB2	0.00462	0.004074	0.021917
205826_at	MYOM2	-0.01762	1.37E-07	3E-06
205831_at	CD2	0.011679	8.45E-07	1.51E-05
205838_at	GYPA	-0.00704	0.009986	0.044652
205843_x_at	CRAT	-0.00671	0.0019	0.011749
205844_at	VNN1	-0.02442	5.12E-08	1.25E-06
205848_at	GAS2	-0.00794	0.000829	0.00596
205850_s_at	GABRB3	-0.01031	0.000178	0.001619
205857_at	SLC18A2	-0.00819	0.000937	0.006607
205859_at	LY86	0.014836	5.05E-08	1.24E-06
205860_x_at	FOLH1	-0.03454	1.18E-13	1.93E-11
205862_at	GREB1	-0.0085	0.001385	0.009051
205882_x_at	ADD3	-0.01205	1.06E-09	4.27E-08
205884_at	ITGA4	0.007721	0.00394	0.021325
205885_s_at	ITGA4	0.007355	0.005704	0.028606
205887_x_at	MSH3	-0.00515	0.000453	0.003596
205890_s_at	GABBR1	0.018288	2.35E-09	8.59E-08
205892_s_at	FABP1	-0.03944	4.82E-11	3.27E-09
205894_at	ARSE	-0.02324	3.96E-05	0.000446
205896_at	SLC22A4	-0.02319	1.88E-12	2.13E-10
205898_at	CX3CR1	0.012969	1.6E-06	2.62E-05
205901_at	PNOG	0.005925	0.005845	0.029168
205907_s_at	OMD	0.008229	0.000315	0.002626
205908_s_at	OMD	0.00748	0.005356	0.027257
205910_s_at	CEL	-0.01531	6.04E-05	0.000643
205911_at	PTH1R	-0.01405	2.27E-07	4.71E-06
205922_at	VNN2	0.013753	1.92E-09	7.24E-08
205931_s_at	CREB5	0.009246	0.000303	0.002537
205934_at	PLCL1	-0.01473	1.08E-08	3.18E-07
205939_at	CYP3A7	-0.02413	1.08E-09	4.33E-08
205942_s_at	ACSM3	-0.01484	3.3E-07	6.57E-06
205945_at	IL6R	-0.00997	0.000257	0.002218
205963_s_at	DNAJA3	-0.01064	3.73E-07	7.28E-06
205972_at	SLC38A3	-0.007	0.000935	0.0066
205978_at	KL	-0.02936	2.18E-15	8.11E-13
205981_s_at	ING2	-0.00488	0.003089	0.017488
205983_at	DPEP1	-0.02621	7.45E-13	9.94E-11
205985_x_at	CLCNKB	-0.01076	0.002618	0.015277
205987_at	CD1C	0.026758	1.44E-10	8.2E-09
205988_at	CD84	0.011988	2.21E-08	5.95E-07

205991_s_at	PRRX1	0.01545	1.81E-07	3.84E-06
205996_s_at	AK2	-0.0089	8.05E-05	0.000819
205999_x_at	CYP3A4	-0.015	1.74E-07	3.7E-06
206009_at	ITGA9	0.005568	0.007756	0.036589
206011_at	CASP1	0.020614	1.73E-10	9.62E-09
206022_at	NDP	0.006516	0.009717	0.043696
206023_at	NMU	0.008252	0.001029	0.007112
206024_at	HPD	-0.03847	1.09E-08	3.19E-07
206030_at	ASPA	-0.02625	1.39E-15	5.99E-13
206034_at	SERPINB8	0.008857	0.001101	0.007505
206035_at	REL	0.007775	0.000946	0.006648
206043_s_at	ATP2C2	-0.00505	0.005874	0.029289
206054_at	KNG1	-0.01911	3.18E-07	6.37E-06
206059_at	ZNF91	-0.00556	0.000593	0.004517
206065_s_at	DPYS	-0.02546	5.67E-11	3.75E-09
206068_s_at	ACADL	-0.01547	7.09E-10	3.04E-08
206069_s_at	ACADL	-0.01951	3.02E-11	2.23E-09
206074_s_at	HMGA1	0.004585	0.009925	0.044461
206085_s_at	CTH	-0.01239	8.79E-07	1.57E-05
206089_at	NELL1	-0.0198	3.33E-09	1.14E-07
206093_x_at	TNXA	0.005996	0.011124	0.048716
206094_x_at	UGT1A1	-0.02352	2.84E-11	2.12E-09
206097_at	SLC22A18AS	-0.00668	0.005438	0.027582
206099_at	PRKCH	0.009156	0.000742	0.00544
206116_s_at	TPM1	0.01073	1.01E-07	2.28E-06
206117_at	TPM1	0.011608	3.73E-06	5.56E-05
206118_at	STAT4	0.012628	1.38E-05	0.000174
206119_at	BHMT	-0.02282	3.83E-11	2.7E-09
206121_at	AMPD1	0.01198	0.000119	0.001143
206127_at	ELK3	0.004622	0.009244	0.041977
206129_s_at	ARSB	-0.01821	1.66E-07	3.57E-06
206133_at	XAF1	0.013913	3.56E-07	7.01E-06
206134_at	ADAMDEC1	0.009906	0.000544	0.004201
206136_at	FZD5	-0.00585	0.001738	0.010913
206149_at	CHP2	-0.01073	5.34E-05	0.000577
206150_at	CD27	0.007998	0.000137	0.001294
206153_at	CYP4F11	-0.01331	0.007801	0.036739
206155_at	ABCC2	-0.02853	3.78E-11	2.67E-09
206170_at	ADRB2	0.008901	0.000174	0.00159
206171_at	ADORA3	0.005516	0.010831	0.047723
206181_at	SLAMF1	0.005883	0.011034	0.048391
206197_at	NME5	-0.0079	6.46E-06	9.06E-05
206206_at	CD180	0.005708	0.00152	0.009742
206214_at	PLA2G7	0.016838	1.04E-06	1.82E-05
206217_at	EDA	-0.0085	4.28E-05	0.000474
206219_s_at	VAV1	0.008562	0.00017	0.001561
206221_at	RASA3	0.005782	0.00102	0.00705
206226_at	HRG	-0.0203	7.18E-08	1.68E-06
206237_s_at	NRG1	-0.00869	0.002084	0.012669

206239_s_at	SPINK1	-0.02551	1.57E-06	2.59E-05
206242_at	TM4SF5	-0.01099	1.18E-06	2.02E-05
206248_at	PRKCE	-0.01198	0.00102	0.00705
206249_at	MAP3K13	-0.00872	0.000517	0.004031
206253_at	DLG2	-0.00716	0.001794	0.011198
206254_at	EGF	-0.04379	2.99E-20	1.33E-16
206259_at	PROC	-0.0209	2.72E-11	2.04E-09
206263_at	FMO4	-0.01738	5.18E-09	1.68E-07
206269_at	GCM1	-0.01032	0.00107	0.007329
206296_x_at	MAP4K1	0.018894	7.47E-11	4.71E-09
206298_at	ARHGAP22	0.00644	0.003834	0.020863
206313_at	HLA-DOA	0.011604	1.31E-06	2.2E-05
206318_at	SPINLW1	0.007996	0.008565	0.03948
206323_x_at	OPHN1	0.005781	0.008926	0.040829
206325_at	SERPINA6	-0.02875	1.34E-10	7.75E-09
206332_s_at	IFI16	0.024518	7.59E-16	3.93E-13
206336_at	CXCL6	0.014418	0.001495	0.009628
206337_at	CCR7	0.008423	0.001297	0.008553
206341_at	IL2RA	0.006567	0.00329	0.018402
206343_s_at	NRG1	-0.01128	0.000391	0.003166
206346_at	PRLR	-0.02754	8.61E-15	2.56E-12
206347_at	PDK3	-0.00455	0.010659	0.047131
206348_s_at	PDK3	-0.01304	1.79E-05	0.00022
206350_at	APCS	0.007228	0.000208	0.001847
206355_at	GNAL	-0.00569	0.005329	0.027174
206363_at	MAF	-0.01953	1.3E-09	5.06E-08
206366_x_at	XCL1	0.01636	1.4E-09	5.45E-08
206369_s_at	PIK3CG	0.01244	1.86E-06	3E-05
206370_at	PIK3CG	0.004983	0.011035	0.048391
206383_s_at	G3BP2	-0.00526	0.005934	0.02956
206385_s_at	ANK3	-0.0081	3.2E-08	8.21E-07
206391_at	RARRES1	0.013343	0.000205	0.001829
206396_at	SLC1A1	-0.01642	1.18E-06	2.02E-05
206401_s_at	MAPT	-0.01919	5.57E-07	1.04E-05
206407_s_at	CCL13	0.010704	2.56E-05	0.000301
206412_at	FER	0.007278	0.001391	0.009069
206420_at	IGSF6	0.021492	1.06E-08	3.13E-07
206431_x_at	TBC1D9B	-0.00574	0.000392	0.003172
206440_at	LIN7A	-0.00723	0.001751	0.010981
206457_s_at	DIO1	-0.03474	1.63E-13	2.58E-11
206459_s_at	WNT2B	0.006203	0.002297	0.013711
206460_at	AJAP1	-0.00697	0.011224	0.049007
206461_x_at	MT1H	-0.0116	0.00018	0.001638
206469_x_at	AKR7A3	-0.02637	3.59E-12	3.67E-10
206483_at	LRRC6	-0.00606	0.00027	0.002302
206484_s_at	XPNPEP2	-0.04216	4.48E-16	2.77E-13
206488_s_at	CD36	0.01178	0.001818	0.011318
206492_at	FHIT	-0.01865	7.88E-12	7.23E-10
206496_at	FMO3	0.011757	7.76E-05	0.000796

206499_s_at	RCC1	0.0055	0.004574	0.024088
206500_s_at	C14orf106	0.017507	9.52E-11	5.89E-09
206501_x_at	ETV1	0.005756	0.007817	0.036767
206513_at	AIM2	0.018388	4.87E-07	9.27E-06
206514_s_at	CYP4F2	-0.03316	4E-12	4.03E-10
206515_at	CYP4F3	-0.02772	6.79E-12	6.38E-10
206519_x_at	SIGLEC6	0.006746	0.000971	0.006782
206520_x_at	SIGLEC6	0.006959	0.000854	0.006119
206522_at	MGAM	-0.02746	6.32E-14	1.12E-11
206527_at	ABAT	-0.02831	7.91E-11	4.92E-09
206535_at	SLC2A2	-0.028	3.54E-10	1.72E-08
206538_at	MRAS	0.006328	0.003191	0.017962
206539_s_at	CYP4F12	-0.00628	0.000469	0.003704
206540_at	GLB1L	-0.01492	0.000979	0.006833
206541_at	KLKB1	-0.0107	4.25E-07	8.23E-06
206542_s_at	SMARCA2	0.005246	0.000199	0.001777
206545_at	CD28	0.015177	5.97E-08	1.42E-06
206560_s_at	MIA	0.005892	0.002437	0.014404
206562_s_at	CSNK1A1	0.005138	0.007861	0.036907
206572_x_at	ZNF85	0.00683	0.003625	0.019938
206576_s_at	CEACAM1	-0.01439	0.000168	0.001541
206580_s_at	EFEMP2	0.008983	3.84E-05	0.000434
206584_at	LY96	0.024611	1.3E-08	3.76E-07
206587_at	CCT6B	-0.00608	0.00296	0.016873
206589_at	GFI1	0.006892	0.002147	0.01295
206592_s_at	AP3D1	-0.00518	0.004783	0.024988
206595_at	CST6	0.007151	0.001352	0.008862
206599_at	SLC16A5	0.009302	2.24E-07	4.66E-06
206600_s_at	SLC16A5	0.013885	4.52E-08	1.12E-06
206610_s_at	F11	-0.02092	1.23E-14	3.21E-12
206625_at	PRPH2	-0.00602	0.004688	0.024553
206628_at	SLC5A1	-0.01623	0.000295	0.002482
206632_s_at	APOBEC3B	0.006793	0.004318	0.022976
206636_at	RASA2	0.010518	3.47E-05	0.000396
206637_at	P2RY14	0.011162	0.00198	0.012168
206641_at	TNFRSF17	0.013247	0.001505	0.009676
206656_s_at	C20orf3	0.004592	0.00792	0.037115
206662_at	GLRX	-0.009	4.58E-06	6.66E-05
206663_at	SP4	0.005373	0.009324	0.042245
206666_at	GZMK	0.018662	1.77E-07	3.77E-06
206668_s_at	SCAMP1	-0.00423	0.005504	0.027847
206675_s_at	SKIL	0.006787	0.000347	0.002846
206682_at	CLEC10A	0.00972	9.85E-06	0.00013
206686_at	PDK1	0.009615	0.002157	0.013003
206687_s_at	PTPN6	0.011105	8.1E-07	1.45E-05
206692_at	KCNJ10	-0.01377	0.000242	0.002103
206693_at	IL7	0.009731	4.77E-05	0.000523
206695_x_at	ZNF43	0.00751	3.05E-05	0.000353
206697_s_at	HP	0.007905	0.003405	0.018952

206704_at	CLCN5	-0.01419	2.65E-10	1.35E-08
206706_at	NTF3	0.005589	0.007517	0.035711
206707_x_at	FAM65B	0.01056	1.5E-05	0.000187
206708_at	FOXN2	0.009263	0.004682	0.024536
206710_s_at	EPB41L3	-0.01879	1.22E-11	1.06E-09
206715_at	TFEC	-0.01532	1E-05	0.000132
206716_at	UMOD	-0.03561	1.21E-07	2.69E-06
206717_at	MYH8	-0.01652	0.008103	0.037801
206726_at	HPGDS	0.023052	1.21E-10	7.13E-09
206730_at	GRIA3	-0.00952	0.001246	0.008283
206742_at	FIGF	0.010833	0.000761	0.005548
206746_at	BFSP1	0.008187	0.000602	0.004569
206748_s_at	SPAG9	-0.01042	5.97E-05	0.000637
206749_at	CD1B	0.00522	0.005692	0.028566
206754_s_at	CYP2B6	-0.02521	7.86E-09	2.43E-07
206755_at	CYP2B6	-0.02598	6.33E-08	1.49E-06
206756_at	CHST7	0.009812	1.88E-05	0.00023
206757_at	PDE5A	0.011439	9.94E-05	0.000987
206761_at	CD96	0.006249	0.000846	0.006066
206767_at	RBMS3	0.012558	5.82E-06	8.25E-05
206770_s_at	SLC35A3	-0.00873	7.72E-05	0.000792
206775_at	CUBN	-0.03349	3.01E-11	2.23E-09
206785_s_at	KLRC1	0.008111	0.00522	0.02672
206788_s_at	CBFB	0.010457	1.37E-08	3.95E-07
206799_at	SCGB1D2	-0.00892	0.009054	0.041272
206804_at	CD3G	0.016203	2.77E-08	7.27E-07
206805_at	SEMA3A	0.007817	0.001683	0.010626
206809_s_at	HNRNPA3	0.005367	1.47E-07	3.19E-06
206818_s_at	CNNM2	-0.01018	0.000103	0.00102
206826_at	PMP2	0.007338	0.00602	0.029881
206829_x_at	ZNF430	0.004833	0.005995	0.0298
206837_at	ALX1	0.012793	2.28E-05	0.000272
206840_at	AFM	-0.03736	1.45E-12	1.71E-10
206846_s_at	HDAC6	-0.01944	3.72E-10	1.8E-08
206856_at	LILRB5	0.006587	0.000751	0.005487
206857_s_at	FKBP1B	0.009624	0.004812	0.025113
206868_at	STARD8	-0.00608	0.001266	0.008373
206870_at	PPARA	-0.01657	1.28E-06	2.17E-05
206872_at	SLC17A1	-0.02093	4.12E-07	7.99E-06
206878_at	DAO	-0.03524	2.52E-14	5.41E-12
206893_at	SALL1	-0.00866	0.001265	0.008371
206910_x_at	CFHR2	0.008522	6.24E-06	8.76E-05
206914_at	CRTAM	0.006651	0.003282	0.018373
206925_at	ST8SIA4	0.016221	5.76E-10	2.54E-08
206930_at	GLYAT	-0.01865	1.76E-08	4.85E-07
206932_at	CH25H	0.008669	0.000736	0.005409
206946_at	HCN4	0.007962	0.000445	0.003547
206950_at	SCN9A	-0.01345	5.75E-06	8.17E-05
206952_at	G6PC	-0.02875	5.48E-09	1.77E-07

206955_at	AQP7	-0.02123	7.33E-09	2.29E-07
206957_at	AGXT	-0.02026	2.77E-07	5.62E-06
206963_s_at	NAT8	-0.0261	3.38E-07	6.72E-06
206964_at	NAT8B	-0.01983	4.91E-08	1.21E-06
206974_at	CXCR6	0.011068	4.62E-06	6.71E-05
206978_at	CCR2	0.019543	1.34E-10	7.75E-09
206983_at	CCR6	0.013767	1.45E-08	4.14E-07
206991_s_at	CCR5	0.016553	3.45E-09	1.18E-07
206993_at	ATP5S	-0.00517	0.002779	0.016017
207007_at	NR1I3	-0.0165	1.04E-07	2.34E-06
207008_at	CXCR2	0.007481	0.011289	0.049216
207013_s_at	MMP16	0.004932	0.008605	0.039614
207014_at	GABRA2	-0.00811	0.000293	0.002471
207015_s_at	ALDH1A2	0.010981	0.001147	0.007746
207016_s_at	ALDH1A2	0.013305	0.000219	0.001937
207017_at	RAB27B	0.014813	7.57E-11	4.77E-09
207018_s_at	RAB27B	0.013169	9.11E-09	2.75E-07
207029_at	KITLG	0.012577	0.000435	0.003472
207040_s_at	ST13	-0.00591	0.000712	0.005261
207044_at	THRB	-0.01113	4.51E-08	1.12E-06
207047_s_at	CLCNKA	-0.01454	1.49E-05	0.000187
207049_at	SCN8A	-0.01041	4.89E-05	0.000535
207050_at	CACNA2D1	-0.00764	0.00058	0.004434
207051_at	SLC17A4	-0.01241	0.000344	0.002831
207057_at	SLC16A7	-0.01183	5.8E-05	0.000622
207058_s_at	PARK2	-0.00529	0.006171	0.030442
207063_at	NCRNA00185	-0.01534	0.003747	0.020477
207067_s_at	HDC	0.009336	0.000161	0.001493
207071_s_at	ACO1	-0.02093	9.63E-15	2.68E-12
207075_at	NLRP3	0.008798	0.000435	0.003472
207076_s_at	ASS1	-0.0229	5.28E-10	2.38E-08
207081_s_at	PI4KA	-0.01293	1.01E-06	1.77E-05
207085_x_at	CSF2RA	0.005809	0.001145	0.007736
207087_x_at	ANK1	0.004685	0.005468	0.027701
207095_at	SLC10A2	-0.02226	2.31E-07	4.78E-06
207104_x_at	LILRB1	0.00499	0.010933	0.048067
207121_s_at	MAPK6	-0.00526	0.006108	0.030209
207124_s_at	GNB5	-0.00904	1.19E-05	0.000154
207126_x_at	UGT1A1	-0.02131	1E-10	6.11E-09
207131_x_at	GGT1	-0.01393	6.34E-06	8.9E-05
207132_x_at	PFDN5	0.01035	0.001144	0.007733
207134_x_at	TPSB2	0.020899	1.41E-11	1.2E-09
207141_s_at	KCNJ3	-0.01514	2.1E-08	5.67E-07
207142_at	KCNJ3	-0.01789	1.56E-10	8.78E-09
207172_s_at	CDH11	0.010206	0.000394	0.003182
207173_x_at	CDH11	0.011833	0.003102	0.017555
207174_at	GPC5	-0.01431	0.000345	0.002832
207178_s_at	FRK	-0.00588	0.006055	0.030023
207184_at	SLC6A13	-0.01726	2.66E-10	1.35E-08

207186_s_at	BPTF	0.00567	0.003502	0.019366
207191_s_at	ISLR	0.012714	4.56E-06	6.64E-05
207201_s_at	SLC22A1	-0.00531	0.003438	0.019101
207211_at	USP2	-0.02507	5.18E-09	1.68E-07
207212_at	SLC9A3	-0.0131	1.25E-07	2.76E-06
207213_s_at	USP2	-0.04161	1.08E-13	1.8E-11
207223_s_at	ROD1	0.0058	0.009453	0.042698
207232_s_at	DZIP3	-0.00623	0.002077	0.012643
207237_at	KCNA3	0.011141	7.57E-06	0.000104
207238_s_at	PTPRC	0.029649	4.38E-11	2.99E-09
207243_s_at	CALM2	0.003995	1.03E-05	0.000135
207249_s_at	SLC28A2	-0.0076	0.007674	0.036286
207275_s_at	ACSL1	-0.0197	4.74E-10	2.17E-08
207277_at	CD209	0.023115	1.45E-11	1.21E-09
207279_s_at	NEBL	-0.00688	0.008454	0.039076
207291_at	PRRG4	-0.00856	0.005801	0.02899
207298_at	SLC17A3	-0.01212	0.004707	0.02465
207301_at	EFNA5	0.006621	0.001002	0.00695
207305_s_at	TRAPPC8	-0.00537	0.005946	0.029592
207315_at	CD226	0.010689	2.63E-05	0.000309
207320_x_at	STAU1	-0.01112	3.74E-10	1.8E-08
207332_s_at	TFRC	-0.01137	0.001758	0.011017
207334_s_at	TGFBR2	0.011378	0.002101	0.012735
207335_x_at	ATP5I	-0.0039	0.000595	0.004525
207339_s_at	LTB	0.01989	1.43E-11	1.2E-09
207344_at	AKAP3	-0.00584	0.001998	0.012256
207351_s_at	SH2D2A	0.004689	0.004429	0.023445
207362_at	SLC30A4	-0.01318	2.15E-06	3.43E-05
207366_at	KCNS1	0.004295	0.005539	0.027992
207375_s_at	IL15RA	0.006802	0.000552	0.004248
207378_at	TREH	-0.0102	2.6E-05	0.000305
207385_at	TFDP3	0.006824	0.001164	0.007841
207387_s_at	GK	-0.01909	2.79E-10	1.4E-08
207388_s_at	PTGES	0.005594	0.000221	0.001952
207400_at	NPY5R	0.009024	0.000713	0.00527
207407_x_at	CYP4A11	-0.0259	3.24E-12	3.34E-10
207416_s_at	NFATC3	-0.00539	0.000779	0.005649
207419_s_at	RAC2	0.00739	3.24E-05	0.000373
207429_at	SLC22A2	-0.01369	3.01E-09	1.06E-07
207444_at	SLC22A13	-0.02185	2.29E-12	2.52E-10
207446_at	TLR6	0.004983	0.006419	0.031448
207453_s_at	DNAJB5	-0.00701	0.010901	0.047964
207456_at	HNF4G	-0.01256	4.06E-05	0.000456
207480_s_at	MEIS2	0.010676	2.13E-05	0.000257
207485_x_at	BTN3A1	0.007499	0.000676	0.005042
207496_at	MS4A2	0.007355	0.001723	0.010835
207497_s_at	MS4A2	0.016025	1.04E-09	4.21E-08
207507_s_at	ATP5G3	-0.00587	0.000362	0.002956
207508_at	ATP5G3	-0.00522	0.000796	0.005766

207509_s_at	LAIR2	0.011027	0.004015	0.021667
207522_s_at	ATP2A3	0.009009	1.33E-05	0.000169
207524_at	ST7	-0.00759	0.004968	0.025748
207540_s_at	SYK	0.005953	0.00532	0.027133
207542_s_at	AQP1	-0.01607	0.000137	0.001294
207543_s_at	P4HA1	-0.00675	0.001097	0.007482
207544_s_at	ADH6	-0.02587	1.55E-09	5.95E-08
207545_s_at	NUMB	-0.00782	0.00015	0.001404
207560_at	SLC28A1	-0.01318	1.46E-06	2.43E-05
207567_at	SLC13A2	-0.02053	5.42E-10	2.43E-08
207571_x_at	C1orf38	0.015328	8.06E-09	2.48E-07
207574_s_at	GADD45B	-0.00966	0.000717	0.00529
207584_at	LPA	-0.0084	0.000269	0.0023
207594_s_at	SYNJ1	-0.00777	0.000691	0.005138
207595_s_at	BMP1	0.005312	0.008182	0.038115
207596_at		-0.00976	0.000328	0.002721
207610_s_at	EMR2	0.010475	8.9E-05	0.000897
207613_s_at	CAMK2A	-0.00642	0.0018	0.011225
207616_s_at	TANK	0.007259	0.006667	0.032398
207624_s_at	RPGR	0.006766	0.000711	0.005256
207641_at	TNFRSF13B	0.007179	0.00137	0.008965
207651_at	GPR171	0.019219	3.05E-07	6.13E-06
207655_s_at	BLNK	0.010579	9.06E-05	0.000912
207657_x_at	TNPO1	-0.00625	0.004046	0.021787
207677_s_at	NCF4	0.009075	0.000454	0.0036
207685_at	CRYBB3	-0.00697	0.004018	0.021675
207691_x_at	ENTPD1	0.005981	0.006406	0.031411
207694_at	POU3F4	0.006191	0.004828	0.025175
207697_x_at	LILRB2	0.009143	4.37E-05	0.000483
207698_at	C6orf123	-0.01123	0.004123	0.022125
207704_s_at	GAS7	0.006973	5.36E-05	0.000578
207705_s_at	NINL	-0.01522	2.49E-10	1.29E-08
207707_s_at	SEC13	-0.00891	3.07E-07	6.16E-06
207709_at	PRKAA2	-0.00889	8.04E-08	1.87E-06
207717_s_at	PKP2	-0.0061	0.008611	0.039619
207729_at	CDH9	-0.00738	6.91E-05	0.000718
207738_s_at	NCKAP1	-0.00533	0.007287	0.03488
207741_x_at	TPSAB1	0.023645	1.86E-11	1.47E-09
207754_at	RASSF8	-0.00821	0.002415	0.014307
207761_s_at	METTL7A	-0.01117	1.05E-11	9.32E-10
207764_s_at	HIPK3	-0.00535	0.009324	0.042245
207766_at	CDKL1	-0.01304	2.14E-05	0.000258
207771_at	SLC5A2	-0.01576	1.56E-05	0.000194
207776_s_at	CACNB2	-0.0115	0.000929	0.006563
207777_s_at	SP140	0.011709	7.63E-06	0.000105
207781_s_at	ZNF711	-0.00829	0.008675	0.039846
207800_at	AKAP5	0.006788	0.000645	0.00485
207827_x_at	SNCA	0.007262	0.00013	0.001235
207828_s_at	CENPF	0.006517	0.010979	0.048201

207837_at	RBPMS	-0.00566	0.005597	0.028211
207838_x_at	PBXIP1	0.00653	0.009477	0.042788
207840_at	CD160	0.008686	0.000161	0.001493
207843_x_at	CYB5A	-0.01447	2.91E-13	4.29E-11
207847_s_at	MUC1	0.019056	0.000943	0.006634
207851_s_at	INSR	-0.0136	0.000807	0.005839
207858_s_at	PKLR	-0.03432	2.29E-14	4.99E-12
207861_at	CCL22	0.006025	0.001136	0.007687
207871_s_at	ST7	-0.00773	7.19E-05	0.000744
207886_s_at	CALCR	-0.00725	0.002911	0.016643
207889_at	SARDH	-0.00748	0.007189	0.034503
207892_at	CD40LG	0.007615	0.002377	0.01411
207894_s_at	TCL6	-0.01159	6.34E-05	0.00067
207904_s_at	LNPEP	0.009267	0.000135	0.001275
207922_s_at	MAEA	-0.00742	0.001528	0.009783
207945_s_at	CSNK1D	-0.00671	0.002446	0.01445
207950_s_at	ANK3	-0.00876	0.000117	0.001134
207955_at	CCL27	0.005468	0.010693	0.047237
207957_s_at	PRKCB	0.013927	4.4E-05	0.000486
207958_at	UGT2A1	-0.01064	0.005661	0.028467
207959_s_at	DNAH9	0.006223	0.006356	0.031223
207968_s_at	MEF2C	0.008586	0.000841	0.006033
207981_s_at	ESRRG	-0.01598	7.67E-11	4.8E-09
208002_s_at	ACOT7	-0.01721	3.38E-09	1.16E-07
208006_at	FOXI1	-0.00862	0.000947	0.006648
208010_s_at	PTPN22	0.010637	1.29E-05	0.000165
208012_x_at	SP110	0.012693	3.45E-08	8.82E-07
208018_s_at	HCK	0.008364	3.22E-05	0.000371
208022_s_at	CDC14B	-0.00862	0.001259	0.008339
208023_at	TNFRSF4	-0.0065	0.00795	0.037227
208029_s_at	LAPTM4B	0.008358	0.001148	0.007754
208034_s_at	PROZ	-0.02678	8.73E-08	2.01E-06
208039_at		0.004818	0.010144	0.045266
208056_s_at	CBFA2T3	0.007799	0.000516	0.004025
208068_x_at	CSH1	0.004936	0.011228	0.049015
208070_s_at	REV3L	-0.01115	0.000202	0.001802
208083_s_at	ITGB6	0.028253	2.28E-07	4.73E-06
208084_at	ITGB6	0.029312	7.44E-07	1.34E-05
208091_s_at	VOPP1	0.01108	9.81E-06	0.00013
208092_s_at	FAM49A	0.013841	1.58E-07	3.41E-06
208097_s_at	TMX1	0.00433	0.005436	0.027582
208116_s_at	MAN1A1	-0.00521	0.007807	0.036754
208130_s_at	TBXAS1	0.006503	0.001001	0.006942
208131_s_at	PTGIS	0.008822	0.002767	0.015968
208146_s_at	CPVL	0.010534	0.002249	0.013481
208158_s_at	OSBPL1A	-0.00824	0.000676	0.005042
208161_s_at	ABCC3	0.010874	0.004201	0.022502
208172_s_at	KCNB2	0.004667	0.006496	0.031747
208177_at	SLC34A1	-0.03588	4.39E-14	8.44E-12

208184_s_at	TRAPPC10	-0.0086	7.43E-05	0.000767
208189_s_at	MYO7A	-0.00959	1.25E-05	0.00016
208206_s_at	RASGRP2	0.004667	0.008966	0.040957
208228_s_at	FGFR2	-0.00745	0.000835	0.005997
208229_at	FGFR2	-0.00941	0.006715	0.032578
208230_s_at	NRG1	-0.00639	0.003673	0.020156
208244_at	BMP3	0.010991	1.21E-05	0.000155
208248_x_at	APLP2	-0.0029	0.004876	0.025362
208250_s_at	DMBT1	-0.00425	0.011114	0.048679
208252_s_at	CHST3	-0.0052	0.004783	0.024988
208283_at	GAGE1	0.006781	0.007728	0.03649
208284_x_at	GGT1	-0.01556	4.51E-07	8.68E-06
208296_x_at	TNFAIP8	0.015894	1.59E-09	6.07E-08
208306_x_at	HLA-DRB1	0.010921	0.001277	0.008436
208315_x_at	TRAF3	0.00437	0.005147	0.026461
208318_s_at	XYLB	-0.02523	2.28E-08	6.13E-07
208319_s_at	RBM3	0.005329	0.006089	0.030152
208321_s_at	CABP1	-0.00764	0.000744	0.005449
208322_s_at	ST3GAL1	-0.01485	2.34E-06	3.69E-05
208323_s_at	ANXA13	-0.01256	0.007629	0.036135
208325_s_at	AKAP13	0.005078	0.007528	0.035749
208335_s_at	DARC	0.010198	0.000156	0.001452
208336_s_at	TECR	-0.00885	0.008579	0.039528
208354_s_at	SLC12A3	-0.02372	2.05E-05	0.000249
208367_x_at	CYP3A4	-0.01168	1.59E-07	3.42E-06
208369_s_at	GCDH	-0.02084	1.33E-11	1.15E-09
208383_s_at	PCK1	-0.01883	5.92E-08	1.41E-06
208392_x_at	SP110	0.005071	0.000455	0.003606
208394_x_at	ESM1	-0.00947	9.18E-05	0.000922
208396_s_at	PDE1A	0.007655	0.007977	0.037334
208398_s_at	TBPL1	0.005148	0.005261	0.026892
208405_s_at	CD164	-0.00544	0.004682	0.024536
208414_s_at	HOXB3	0.005286	0.008505	0.039253
208420_x_at	SUPT6H	-0.00701	0.003847	0.020899
208422_at	MSR1	0.010799	0.00042	0.003368
208423_s_at	MSR1	0.019984	1.41E-09	5.46E-08
208429_x_at	HNF4A	-0.01979	2.55E-06	3.97E-05
208434_at	MECOM	0.005306	0.002644	0.015397
208436_s_at	IRF7	0.007434	0.000683	0.005085
208438_s_at	FGR	0.009674	4.04E-05	0.000453
208442_s_at	ATM	0.005984	0.006247	0.030753
208446_s_at	ZFYVE9	-0.00865	0.000479	0.003774
208449_s_at	FGF8	0.005981	0.000413	0.003321
208450_at	LGALS2	-0.0119	0.000111	0.001079
208451_s_at	C4A	-0.01498	0.002316	0.013793
208456_s_at	RRAS2	-0.00766	0.000154	0.001437
208466_at	RAB3D	0.004298	0.011253	0.049086
208473_s_at	GP2	-0.00735	0.007469	0.035561
208480_s_at	ABCC6	-0.00412	0.003757	0.020525

208484_at	HIST1H1A	0.00852	0.00312	0.017617
208490_x_at	HIST1H2BF	0.012448	0.003516	0.019429
208492_at	RFXAP	0.005963	0.007811	0.036758
208510_s_at	PPARG	-0.00481	0.00783	0.036805
208514_at	KCNE1	-0.00721	0.007465	0.035549
208523_x_at	HIST1H2BI	0.009203	0.005725	0.028673
208527_x_at	HIST1H2BE	0.009898	0.005568	0.028103
208530_s_at	RARB	0.007115	0.002103	0.012745
208540_x_at	S100A11	0.009029	1.25E-06	2.12E-05
208549_x_at	PTMA	0.005065	6.24E-05	0.000661
208553_at	HIST1H1E	0.012509	0.00895	0.040905
208561_at	ABCC9	0.019649	4.06E-06	6.02E-05
208562_s_at	ABCC9	0.010164	0.000231	0.002021
208569_at	HIST1H2AB	0.008146	0.000555	0.004268
208576_s_at	HIST1H3B	0.005278	0.009953	0.04454
208579_x_at	H2BFS	0.012484	0.000559	0.004295
208581_x_at	MT1X	-0.01211	0.001826	0.011359
208583_x_at	HIST1H2AJ	0.011341	0.001564	0.009988
208589_at	TRPC7	-0.00907	0.00055	0.004239
208592_s_at	CD1E	0.007385	0.002537	0.014867
208596_s_at	UGT1A1	-0.02254	6.99E-10	3.01E-08
208607_s_at	SAA1	0.012985	3.46E-07	6.83E-06
208616_s_at	PTP4A2	0.003364	0.002804	0.016137
208630_at	HADHA	-0.00809	0.000176	0.001604
208636_at	ACTN1	0.014075	2.41E-06	3.79E-05
208637_x_at	ACTN1	0.011849	0.000357	0.002925
208640_at	RAC1	0.004043	0.000627	0.004729
208646_at	RPS14P3	0.006313	0.004274	0.022801
208647_at	FDFT1	-0.00574	0.000949	0.006663
208650_s_at	CD24	0.00988	4.28E-05	0.000474
208651_x_at	CD24	0.007531	7.87E-05	0.000805
208653_s_at	CD164	-0.00867	5.26E-05	0.000569
208654_s_at	CD164	-0.00437	0.004337	0.023072
208655_at	CCNI	0.002621	0.003234	0.018153
208659_at	CLIC1	0.009834	1.27E-05	0.000162
208660_at	CS	-0.00508	0.000635	0.004786
208666_s_at	ST13	-0.00658	9.4E-06	0.000125
208667_s_at	ST13	-0.00899	1.7E-06	2.77E-05
208668_x_at	HMG2	0.005042	0.005404	0.027471
208672_s_at	SRSF3	0.004025	0.003304	0.018475
208678_at	ATP6V1E1	-0.00714	5.65E-10	2.52E-08
208687_x_at	HSPA8	-0.00551	3.63E-05	0.000412
208690_s_at	PDLIM1	0.017992	7.9E-11	4.92E-09
208691_at	TFRC	-0.01	0.001038	0.007162
208692_at	RPS3	0.009726	0.000569	0.004362
208695_s_at	RPL39	0.006925	0.000323	0.002683
208704_x_at	APLP2	-0.00387	0.000763	0.005557
208705_s_at	EIF5	-0.00758	2.27E-05	0.000272
208706_s_at	EIF5	-0.00475	0.000117	0.001133

208707_at	EIF5	-0.01388	9.5E-10	3.93E-08
208708_x_at	EIF5	-0.00535	7.97E-06	0.000108
208710_s_at	AP3D1	-0.00631	0.005722	0.028665
208711_s_at	CCND1	-0.00682	0.006303	0.030996
208712_at	CCND1	-0.00883	0.000117	0.001131
208713_at	HNRNPUL1	0.00498	0.000209	0.001856
208715_at	TMCO1	-0.00505	0.002267	0.013576
208717_at	OXA1L	-0.00618	0.002455	0.014497
208720_s_at	RBM39	0.003282	0.004939	0.025621
208724_s_at	RAB1A	-0.00361	0.002672	0.015528
208729_x_at	HLA-B	0.015844	6.31E-05	0.000667
208732_at	RAB2A	-0.00637	0.001397	0.009093
208736_at	ARPC3	0.005296	0.002895	0.016571
208739_x_at	SUMO2	0.005243	0.000175	0.0016
208741_at	SAP18	-0.00672	0.004305	0.022932
208745_at	ATP5L	-0.00487	0.003865	0.020971
208747_s_at	C1S	0.023878	7.18E-11	4.58E-09
208752_x_at	NAP1L1	0.007922	1.15E-06	1.98E-05
208753_s_at	NAP1L1	0.006423	0.004874	0.025356
208754_s_at	NAP1L1	0.009224	6.61E-05	0.000692
208755_x_at	H3F3A	0.010298	0.004585	0.024136
208766_s_at	HNRNPR	0.004501	0.002703	0.015663
208767_s_at	LAPTM4B	0.006279	0.011377	0.049482
208769_at	EIF4EBP2	-0.01258	0.00106	0.007272
208770_s_at	EIF4EBP2	-0.00694	5.75E-07	1.07E-05
208772_at	ANKHD1	-0.00567	0.004368	0.023189
208776_at	PSMD11	-0.00732	0.002497	0.014687
208777_s_at	PSMD11	-0.00588	0.000816	0.005889
208779_x_at	DDR1	0.005441	0.004243	0.022669
208782_at	FSTL1	0.01178	1.5E-05	0.000187
208787_at	MRPL3	-0.00351	0.005294	0.02703
208788_at	ELOVL5	-0.00834	0.00118	0.007924
208789_at	PTRF	0.011354	3.31E-05	0.000381
208790_s_at	PTRF	0.010617	0.000127	0.001216
208791_at	CLU	0.018291	3.64E-05	0.000414
208792_s_at	CLU	0.015113	9.6E-05	0.000957
208796_s_at	CCNG1	-0.00604	0.000275	0.002343
208797_s_at	GOLGA8A	0.008433	0.006676	0.032436
208803_s_at	SRP72	0.005011	0.007749	0.036575
208804_s_at	SRSF6	-0.00796	4.43E-06	6.48E-05
208807_s_at	CHD3	0.006542	4.31E-05	0.000477
208808_s_at	HMGB2	0.010844	7.46E-07	1.35E-05
208810_at	DNAJB6	-0.00646	0.000318	0.002642
208812_x_at	HLA-C	0.008148	0.005937	0.029568
208813_at	GOT1	-0.01373	2.92E-09	1.04E-07
208814_at	HSPA4	-0.00773	0.00179	0.01118
208816_x_at	ANXA2P2	0.013344	1.17E-10	6.92E-09
208825_x_at	RPL23A	0.003183	0.00295	0.016822
208827_at	PSMB6	-0.00638	0.00918	0.04175

208829_at	TAPBP	0.010475	0.001006	0.006972
208830_s_at	SUPT6H	-0.00737	0.000982	0.006847
208834_x_at	RPL23A	0.003138	0.003499	0.019354
208837_at	TMED3	0.00653	0.007184	0.034498
208840_s_at	G3BP2	-0.00772	1.05E-05	0.000137
208847_s_at	ADH5	-0.00786	1.5E-06	2.48E-05
208848_at	ADH5	-0.00701	0.001311	0.008639
208849_at		0.005919	0.006708	0.032563
208850_s_at	THY1	-0.01744	5.89E-05	0.000629
208851_s_at	THY1	-0.02333	9E-09	2.73E-07
208856_x_at	RPLP0	0.009103	0.008598	0.039599
208864_s_at	TXN	-0.00791	1.71E-06	2.78E-05
208868_s_at	GABARAPL1	-0.00868	1.51E-06	2.5E-05
208869_s_at	GABARAPL1	-0.00627	6.61E-06	9.23E-05
208870_x_at	ATP5C1	-0.00627	7.76E-05	0.000796
208876_s_at	PAK2	0.00532	0.007493	0.035637
208879_x_at	PRPF6	0.004213	0.010693	0.047237
208881_x_at	IDI1	-0.00689	1.16E-06	1.99E-05
208885_at	LCP1	0.02529	1.12E-12	1.39E-10
208894_at	HLA-DRA	0.02189	1.03E-05	0.000135
208898_at	ATP6V1D	-0.00855	8.13E-05	0.000827
208899_x_at	ATP6V1D	-0.00497	0.00467	0.024506
208901_s_at	TOP1	-0.00385	0.000925	0.006538
208905_at	CYCS	-0.00523	0.000704	0.005219
208909_at	UQCRCFS1	-0.00931	7.18E-07	1.3E-05
208910_s_at	C1QBP	-0.00821	7.68E-06	0.000105
208913_at	GGA2	-0.00483	0.005172	0.026546
208914_at	GGA2	-0.01269	5.02E-06	7.21E-05
208915_s_at	GGA2	-0.00742	0.004423	0.023427
208921_s_at	SRI	0.008608	4.87E-05	0.000533
208929_x_at	RPL13	0.007	0.004464	0.023615
208941_s_at	SEPHS1	-0.0066	0.005108	0.026322
208943_s_at	SEC62	-0.00391	0.001417	0.009193
208944_at	TGFBR2	0.008602	0.00037	0.003013
208948_s_at	STAU1	-0.01302	2.19E-10	1.16E-08
208949_s_at	LGALS3	0.007359	0.005492	0.027807
208950_s_at	ALDH7A1	-0.0162	1.59E-09	6.07E-08
208951_at	ALDH7A1	-0.01656	1.4E-06	2.33E-05
208954_s_at	LARP4B	-0.00617	0.000315	0.002629
208958_at	ERP44	-0.00551	0.00953	0.042978
208965_s_at	IFI16	0.02655	4.42E-15	1.49E-12
208966_x_at	IFI16	0.025975	1.32E-14	3.39E-12
208969_at	NDUFA9	-0.00767	1.07E-05	0.00014
208972_s_at	ATP5G1	-0.00767	0.00294	0.016779
208973_at	ERI3	-0.0062	0.010554	0.046771
208978_at	CRIP2	0.007205	0.001033	0.007131
208981_at	PECAM1	0.009209	0.000214	0.001889
208982_at	PECAM1	0.009774	0.001353	0.008867
208996_s_at	POLR2C	-0.00631	0.00227	0.013587

208997_s_at	UCP2	0.022541	2.92E-09	1.04E-07
208998_at	UCP2	0.018985	1.52E-08	4.32E-07
209001_s_at	ANAPC13	-0.00648	6.58E-05	0.00069
209003_at	SLC25A11	-0.01186	6.83E-08	1.6E-06
209004_s_at	FBXL5	-0.00887	3.41E-06	5.14E-05
209005_at	FBXL5	-0.01273	2.71E-07	5.52E-06
209016_s_at	KRT7	0.015081	0.000908	0.006448
209017_s_at	LONP1	-0.00823	0.001711	0.010777
209018_s_at	PINK1	-0.00751	0.00912	0.041557
209019_s_at	PINK1	-0.0096	5.06E-05	0.000551
209034_at	PNRC1	0.004575	0.000987	0.006872
209035_at	MDK	0.007858	0.000111	0.00108
209036_s_at	MDH2	-0.00884	1.66E-06	2.7E-05
209037_s_at	EHD1	-0.0059	0.010785	0.047558
209038_s_at	EHD1	-0.00476	0.002312	0.013773
209040_s_at	PSMB8	0.012465	1.48E-05	0.000186
209044_x_at	SF3B4	-0.00472	0.010568	0.04681
209047_at	AQP1	-0.01246	0.000326	0.002698
209051_s_at	RALGDS	0.006868	0.000145	0.001361
209060_x_at	NCOA3	0.008172	0.002675	0.01554
209061_at	NCOA3	0.006322	7.36E-05	0.00076
209065_at	UQCRB	-0.00908	0.00014	0.001318
209073_s_at	NUMB	-0.00539	0.001154	0.007786
209075_s_at	ISCU	-0.004	0.00621	0.030606
209076_s_at	WDR45L	-0.00576	0.000426	0.003413
209077_at	TXN2	-0.00882	0.000262	0.002251
209083_at	CORO1A	0.020283	2.03E-11	1.58E-09
209092_s_at	GLOD4	-0.00546	2.18E-05	0.000261
209094_at	DDAH1	-0.00854	6.28E-10	2.75E-08
209095_at	DLD	-0.00897	6.22E-06	8.74E-05
209111_at	RNF5	-0.00775	1.09E-05	0.000141
209112_at	CDKN1B	0.00693	0.002328	0.013857
209118_s_at	TUBA1A	0.014024	2.36E-07	4.87E-06
209120_at	NR2F2	0.00854	1.24E-08	3.61E-07
209122_at	PLIN2	-0.01754	2.55E-08	6.75E-07
209123_at	QDPR	-0.02635	6.84E-17	7.32E-14
209138_x_at	IGL@	0.042518	3.48E-09	1.18E-07
209140_x_at	HLA-B	0.012731	0.000131	0.001242
209146_at	SC4MOL	-0.00763	1.29E-06	2.17E-05
209150_s_at	TM9SF1	-0.00515	0.008818	0.040402
209160_at	AKR1C3	-0.01417	3.55E-06	5.32E-05
209161_at	PRPF4	-0.01068	1.08E-05	0.00014
209166_s_at	MAN2B1	0.004419	0.00325	0.018217
209167_at	GPM6B	0.018861	5.53E-06	7.89E-05
209168_at	GPM6B	0.01327	1.56E-06	2.57E-05
209169_at	GPM6B	0.011211	8.5E-06	0.000114
209170_s_at	GPM6B	0.01772	2.54E-07	5.19E-06
209173_at	AGR2	0.044505	3.45E-21	3.84E-17
209177_at	NDUFAF3	-0.00516	0.006595	0.032114

209180_at	RABGGTB	-0.00635	0.000422	0.003382
209181_s_at	RABGGTB	-0.00505	0.005795	0.02897
209183_s_at	C10orf10	0.016185	0.000188	0.001691
209191_at	TUBB6	0.019198	1.7E-07	3.63E-06
209198_s_at	SYT11	0.015688	4.57E-06	6.65E-05
209199_s_at	MEF2C	0.009606	5.09E-05	0.000554
209200_at	MEF2C	0.011949	0.000165	0.001524
209201_x_at	CXCR4	0.028255	3.05E-09	1.07E-07
209204_at	LMO4	0.006367	0.004353	0.02314
209205_s_at	LMO4	0.010507	2E-07	4.21E-06
209211_at	KLF5	0.008201	0.002003	0.012276
209212_s_at	KLF5	0.010616	0.002505	0.014719
209213_at	CBR1	-0.00613	0.000432	0.003455
209222_s_at	OSBPL2	-0.00599	0.000103	0.001016
209227_at	TUSC3	0.008708	0.004001	0.021615
209234_at	KIF1B	-0.01046	2.09E-08	5.66E-07
209238_at	STX3	-0.00887	0.001011	0.006999
209241_x_at	MINK1	-0.00528	0.003059	0.01735
209244_s_at	KIF1C	-0.00699	0.001229	0.008197
209248_at	GHITM	-0.00696	8.71E-09	2.65E-07
209249_s_at	GHITM	-0.01166	3.89E-11	2.73E-09
209251_x_at	TUBA1C	0.005911	0.009155	0.041682
209254_at	KLHDC10	-0.0076	4.95E-05	0.000541
209256_s_at	KLHDC10	-0.00968	0.007059	0.033989
209262_s_at	NR2F6	-0.00622	0.002013	0.012312
209269_s_at	SYK	0.005807	0.002787	0.01605
209273_s_at	ISCA1	-0.00663	3.08E-05	0.000356
209274_s_at	ISCA1	-0.00546	0.010879	0.047879
209276_s_at	GLRX	-0.00856	0.000284	0.002406
209277_at	TFPI2	0.010816	0.001152	0.007779
209278_s_at	TFPI2	0.021815	5.08E-07	9.63E-06
209286_at	CDC42EP3	0.008991	0.002608	0.015231
209287_s_at	CDC42EP3	0.008012	0.001119	0.007602
209288_s_at	CDC42EP3	0.00711	0.002009	0.012296
209289_at	NFIB	-0.00862	3.21E-05	0.00037
209290_s_at	NFIB	-0.0056	0.000255	0.0022
209291_at	ID4	0.006551	0.002126	0.012855
209296_at	PPM1B	-0.00495	0.007829	0.036805
209300_s_at	NECAP1	-0.00805	0.000885	0.006317
209301_at	CA2	-0.0177	4.31E-10	2.01E-08
209306_s_at	SWAP70	0.005307	0.006507	0.031781
209307_at	SWAP70	0.006863	0.003391	0.018892
209308_s_at	BNIP2	0.007313	0.001175	0.007901
209309_at	AZGP1	-0.03182	1.19E-10	7.03E-09
209310_s_at	CASP4	0.011876	4.86E-07	9.27E-06
209311_at	BCL2L2	-0.00891	0.000213	0.001888
209312_x_at	HLA-DRB1	0.016662	0.001183	0.007947
209317_at	POLR1C	-0.00391	0.011401	0.049565
209324_s_at	RGS16	0.016103	4.68E-06	6.77E-05

209325_s_at	RGS16	0.010209	0.000125	0.001201
209334_s_at	PSMD9	-0.01276	1.13E-05	0.000146
209335_at	DCN	0.016631	0.000151	0.001408
209340_at	UAP1	-0.01251	6.11E-07	1.13E-05
209343_at	EFHD1	-0.00637	0.004645	0.024404
209344_at	TPM4	0.012665	0.000531	0.004126
209346_s_at	PI4K2A	-0.00537	0.010203	0.045484
209348_s_at	MAF	-0.01122	4.13E-05	0.000461
209355_s_at	PPAP2B	-0.0128	0.000917	0.006492
209356_x_at	EFEMP2	0.007576	0.001415	0.009189
209360_s_at	RUNX1	0.01251	1.39E-07	3.04E-06
209363_s_at	MED21	-0.00526	0.001846	0.011462
209366_x_at	CYB5A	-0.01675	4.81E-14	9.01E-12
209368_at	EPHX2	-0.02182	1.87E-09	7.06E-08
209369_at	ANXA3	0.015424	1.26E-06	2.13E-05
209371_s_at	SH3BP2	-0.01507	4.21E-05	0.000468
209374_s_at	IGHM	0.039068	3.76E-15	1.31E-12
209375_at	XPC	-0.00641	0.002754	0.015904
209384_at	PROSC	-0.00901	3.43E-05	0.000393
209385_s_at	PROSC	-0.01079	7.16E-05	0.000742
209386_at	TM4SF1	0.012495	2.15E-05	0.000258
209387_s_at	TM4SF1	0.009739	0.000116	0.001123
209390_at	TSC1	-0.00689	0.000106	0.001039
209392_at	ENPP2	-0.01549	6.18E-06	8.69E-05
209395_at	CHI3L1	-0.01728	3.28E-05	0.000378
209396_s_at	CHI3L1	-0.01479	1.54E-05	0.000192
209406_at	BAG2	-0.00605	0.004544	0.023971
209409_at	GRB10	-0.01382	1.02E-07	2.3E-06
209410_s_at	GRB10	-0.01295	6.74E-06	9.38E-05
209420_s_at	SMPD1	-0.00907	0.000292	0.002465
209425_at	AMACR	-0.00911	0.010741	0.04741
209426_s_at	AMACR	-0.00741	0.002536	0.014865
209435_s_at	ARHGEF2	0.012582	1.36E-06	2.27E-05
209436_at	SPON1	0.013939	0.000165	0.001521
209437_s_at	SPON1	0.011988	0.000112	0.001087
209439_s_at	PHKA2	-0.0054	0.002643	0.015397
209442_x_at	ANK3	-0.00831	3.47E-05	0.000396
209443_at	SERPINA5	-0.01689	7.64E-07	1.38E-05
209450_at	OSGEP	0.005117	0.00956	0.043087
209458_x_at	HBA1	0.015865	0.010502	0.046575
209459_s_at	ABAT	-0.03071	6.21E-17	7.32E-14
209460_at	ABAT	-0.03251	2.52E-20	1.33E-16
209465_x_at	PTN	0.015507	1.89E-06	3.05E-05
209466_x_at	PTN	0.017968	3.6E-05	0.00041
209468_at	LRP5	-0.01043	0.000104	0.001023
209473_at	ENTPD1	0.006577	0.000134	0.001271
209485_s_at	OSBPL1A	-0.00729	0.003446	0.019136
209492_x_at	ATP5I	-0.00377	7.47E-06	0.000103
209493_at	PDZD2	-0.02133	2.13E-10	1.13E-08

209498_at	CEACAM1	-0.01085	0.000193	0.001732
209503_s_at	PSMC5	-0.00587	0.002557	0.014975
209510_at	RNF139	0.005504	0.004558	0.024017
209512_at	HSDL2	-0.01077	6.36E-05	0.000671
209513_s_at	HSDL2	-0.01128	7.73E-09	2.4E-07
209514_s_at	RAB27A	0.017128	1.16E-08	3.4E-07
209515_s_at	RAB27A	0.012967	6.78E-07	1.24E-05
209521_s_at	AMOT	-0.00593	0.003357	0.018731
209522_s_at	CRAT	-0.01891	2.21E-11	1.69E-09
209526_s_at	HDGFRP3	0.006349	0.005427	0.027557
209529_at	PPAP2C	0.005264	0.008002	0.037433
209531_at	GSTZ1	-0.00923	4.54E-05	0.0005
209539_at	ARHGEF6	0.015224	1.45E-05	0.000182
209540_at	IGF1	0.010546	0.007408	0.035325
209546_s_at	APOL1	0.011978	2.39E-05	0.000283
209549_s_at	DGUOK	0.005177	0.004031	0.021734
209550_at	NDN	0.012567	1.14E-11	1E-09
209555_s_at	CD36	0.007049	0.004885	0.025385
209563_x_at	CALM1	-0.00612	9.56E-09	2.87E-07
209568_s_at	RGL1	-0.00799	0.000178	0.001621
209571_at	CIR1	0.006652	0.000186	0.001684
209572_s_at	EED	0.005812	0.001041	0.007174
209574_s_at	C18orf1	0.010849	0.002816	0.016179
209576_at	GNAI1	0.016051	1.19E-08	3.46E-07
209577_at	PCYT2	-0.01329	1.87E-05	0.000229
209581_at	PLA2G16	-0.01022	0.000199	0.001778
209584_x_at	APOBEC3C	0.008673	4.77E-07	9.11E-06
209585_s_at	MINPP1	-0.00882	0.00053	0.004122
209590_at	BMP7	-0.0121	0.00314	0.01771
209599_s_at	PRUNE	-0.00609	0.00021	0.001858
209600_s_at	ACOX1	-0.01708	1.78E-13	2.73E-11
209605_at	TST	-0.01644	2.29E-14	4.99E-12
209606_at	CYTIP	0.018936	1.03E-08	3.06E-07
209608_s_at	ACAT2	-0.01068	3.28E-06	4.96E-05
209609_s_at	MRPL9	-0.00582	0.001367	0.008947
209612_s_at	ADH1B	0.029614	3.57E-11	2.55E-09
209613_s_at	ADH1B	0.027688	2.46E-07	5.05E-06
209614_at	ADH1B	0.018189	1.08E-08	3.18E-07
209619_at	CD74	0.009706	0.000746	0.005461
209620_s_at	ABCB7	-0.007	2.28E-05	0.000273
209623_at	MCCC2	-0.01521	4.18E-12	4.17E-10
209624_s_at	MCCC2	-0.01453	3.88E-10	1.85E-08
209625_at	PIGH	-0.00489	0.0045	0.02377
209631_s_at	GPR37	0.007794	0.002812	0.016174
209640_at	PML	0.004296	0.001001	0.006946
209645_s_at	ALDH1B1	-0.01652	2.95E-07	5.97E-06
209646_x_at	ALDH1B1	-0.0094	1.23E-08	3.57E-07
209655_s_at	TMEM47	0.006001	0.006741	0.032674
209656_s_at	TMEM47	0.007362	0.007106	0.034185

209660_at	TTR	-0.00824	0.002833	0.016269
209663_s_at	ITGA7	-0.01149	1.56E-05	0.000195
209666_s_at	CHUK	-0.00681	0.008355	0.038737
209667_at	CES2	-0.01799	4.97E-15	1.63E-12
209668_x_at	CES2	-0.02033	1.07E-05	0.00014
209670_at	TRAC	0.013116	6.27E-09	2.01E-07
209671_x_at	TRAC	0.02131	1.27E-11	1.1E-09
209679_s_at	SMAGP	0.00876	0.001388	0.009058
209680_s_at	KIFC1	0.006245	0.007076	0.034053
209681_at	SLC19A2	-0.01159	2.73E-05	0.000319
209682_at	CBLB	0.005581	0.006986	0.033712
209683_at	FAM49A	0.008929	0.000341	0.002813
209685_s_at	PRKCB	0.019934	1.74E-10	9.62E-09
209686_at	S100B	0.016243	1.26E-09	4.96E-08
209687_at	CXCL12	0.009637	0.004352	0.023137
209688_s_at	CCDC93	-0.00575	0.004415	0.023391
209689_at	CCDC93	-0.00874	0.000516	0.004025
209692_at	EYA2	-0.00807	0.000119	0.001148
209696_at	FBP1	-0.0253	4.71E-10	2.17E-08
209703_x_at	METTL7A	-0.01108	1.45E-07	3.16E-06
209708_at	MOXD1	0.028066	6.36E-09	2.04E-07
209711_at	SLC35D1	-0.01164	0.001932	0.011917
209712_at	SLC35D1	-0.01394	2.49E-05	0.000295
209713_s_at	SLC35D1	-0.00553	0.006575	0.032035
209715_at	CBX5	0.007928	0.000162	0.001498
209722_s_at	SERPINB9	0.007432	0.000231	0.002021
209723_at	SERPINB9	0.00938	0.000825	0.005938
209727_at	GM2A	0.009293	0.0029	0.016592
209728_at	HLA-DRB4	0.01869	0.00285	0.016351
209732_at	CLEC2B	0.023128	1.57E-08	4.42E-07
209734_at	NCKAP1L	0.012225	5.29E-07	9.96E-06
209736_at	SOX13	-0.00793	0.000575	0.004403
209739_s_at	PNPLA4	-0.00888	9.3E-05	0.000931
209740_s_at	PNPLA4	-0.00828	0.003844	0.020899
209749_s_at	ACE	-0.00911	1.5E-05	0.000188
209752_at	REG1A	0.012078	0.00498	0.0258
209753_s_at	TMPO	0.008155	0.002084	0.012669
209757_s_at	MYCN	-0.01744	1.87E-08	5.14E-07
209759_s_at	DCI	-0.00541	0.005547	0.028019
209761_s_at	SP110	0.006463	0.008049	0.037598
209762_x_at	SP110	0.013739	2.06E-06	3.31E-05
209764_at	MGAT3	-0.00997	8E-05	0.000815
209765_at	ADAM19	0.008948	1.83E-06	2.96E-05
209770_at	BTN3A1	0.007158	0.005175	0.026546
209771_x_at	CD24	0.009888	1.7E-06	2.77E-05
209772_s_at	CD24	0.013635	0.00099	0.00689
209773_s_at	RRM2	0.011142	0.000552	0.00425
209781_s_at	KHDRBS3	-0.0076	0.000293	0.00247
209783_at	DBP	-0.00885	1.18E-06	2.02E-05

209784_s_at	JAG2	0.004589	0.007192	0.034508
209786_at	HMGN4	0.005361	0.011317	0.049303
209788_s_at	ERAP1	0.008013	0.001097	0.007483
209791_at	PADI2	-0.01392	9.5E-06	0.000126
209795_at	CD69	0.025048	1.28E-07	2.82E-06
209797_at	CNPY2	-0.00519	0.004631	0.024343
209804_at	DCLRE1A	-0.00531	0.002005	0.012282
209806_at	HIST1H2BK	0.014948	3.44E-05	0.000393
209811_at	CASP2	0.005184	0.000383	0.003105
209813_x_at	TARP	0.005375	0.009405	0.042534
209814_at	ZNF330	-0.00342	0.005735	0.02871
209818_s_at	HABP4	-0.01033	1.13E-06	1.95E-05
209821_at	IL33	0.007339	0.00535	0.027237
209823_x_at	HLA-DQB1	0.017855	1.79E-07	3.8E-06
209825_s_at	UCK2	-0.00809	0.000139	0.001314
209827_s_at	IL16	0.020007	1.14E-10	6.79E-09
209828_s_at	IL16	0.010002	6.88E-05	0.000715
209833_at	CRADD	-0.01015	9.67E-08	2.2E-06
209835_x_at	CD44	0.024334	5.67E-10	2.53E-08
209837_at	AP4M1	0.004683	0.008877	0.040629
209846_s_at	BTN3A2	0.012331	0.0003	0.002515
209848_s_at	SILV	-0.00404	0.007537	0.035776
209857_s_at	SPHK2	-0.00784	6.39E-05	0.000673
209862_s_at	CEP57	0.00461	0.010428	0.046296
209864_at	FRAT2	0.006504	0.000967	0.00676
209869_at	ADRA2A	0.012478	6.01E-06	8.48E-05
209874_x_at	CNNM2	-0.00765	0.000208	0.001845
209879_at	SELPLG	0.01152	3.58E-07	7.03E-06
209881_s_at	LAT	0.00587	0.001091	0.007451
209882_at	RIT1	-0.00503	0.001244	0.008272
209893_s_at	FUT4	0.006707	0.009693	0.043603
209897_s_at	SLIT2	-0.01941	2.5E-10	1.29E-08
209900_s_at	SLC16A1	-0.01293	1.5E-05	0.000188
209901_x_at	AIF1	0.011752	0.000843	0.006047
209905_at	HOXA10	-0.00645	0.001499	0.009649
209906_at	C3AR1	0.015074	6.29E-07	1.16E-05
209909_s_at	TGFB2	0.012841	0.000539	0.004173
209910_at	SLC25A16	-0.00704	0.001798	0.01122
209911_x_at	HIST1H2BD	-0.00761	0.002294	0.013701
209916_at	DHTKD1	-0.02415	7.63E-08	1.78E-06
209919_x_at	GGT1	-0.01466	4.63E-07	8.86E-06
209924_at	CCL18	0.008552	0.003685	0.020199
209925_at	OCLN	0.008332	0.004804	0.025076
209931_s_at	FKBP1B	0.006552	0.005106	0.026318
209933_s_at	CD300A	0.011853	2.49E-06	3.89E-05
209940_at	PARP3	-0.00537	0.001771	0.011085
209949_at	NCF2	0.021324	3.06E-08	7.95E-07
209961_s_at	HGF	0.017622	7.83E-06	0.000107
209966_x_at	ESRRG	-0.01281	2.47E-08	6.57E-07

209968_s_at	NCAM1	0.009428	0.001095	0.007474
209969_s_at	STAT1	0.008147	0.00616	0.030412
209970_x_at	CASP1	0.018375	7.43E-09	2.32E-07
209977_at	PLG	-0.04786	3.18E-14	6.63E-12
209978_s_at	LPA	-0.05176	1.61E-14	4.08E-12
209980_s_at	SHMT1	-0.01619	9.71E-06	0.000129
209981_at	CSDC2	-0.01138	4.25E-05	0.000472
209992_at	PFKFB2	-0.01874	4.77E-08	1.18E-06
209993_at	ABCB1	-0.00912	0.009907	0.044406
209995_s_at	TCL1A	0.007312	0.004474	0.023651
210009_s_at	GOSR2	-0.01172	0.000348	0.002857
210014_x_at	IDH3B	-0.00915	0.000108	0.001055
210018_x_at	MALT1	0.0073	0.011203	0.048945
210020_x_at	CALML3	-0.0119	0.000683	0.005085
210021_s_at	CCNO	0.008607	4.08E-05	0.000457
210026_s_at	CARD10	-0.00836	0.006617	0.0322
210029_at	IDO1	0.006765	0.001251	0.0083
210031_at	CD247	0.013967	2.41E-10	1.26E-08
210038_at	PRKCQ	0.010655	0.003927	0.021273
210045_at	IDH2	-0.02127	1.55E-08	4.38E-07
210046_s_at	IDH2	-0.01728	2.26E-14	4.99E-12
210049_at	SERPINC1	-0.00881	0.001051	0.007231
210059_s_at	MAPK13	0.006638	0.003494	0.019338
210063_at	SARDH	-0.00545	0.007076	0.034053
210072_at	CCL19	0.030096	2.23E-10	1.18E-08
210074_at	CTSL2	-0.02313	3.04E-09	1.07E-07
210079_x_at	KCNAB1	-0.00669	0.003394	0.018896
210082_at	ABCA4	0.006351	0.002136	0.012898
210084_x_at	TPSAB1	0.025083	2.14E-14	4.99E-12
210085_s_at	ANXA9	-0.01812	4.61E-07	8.83E-06
210089_s_at	LAMA4	0.010727	4.05E-05	0.000455
210095_s_at	IGFBP3	0.010918	2.09E-05	0.000252
210105_s_at	FYN	-0.01074	0.000212	0.001873
210114_at	INVS	-0.00969	2.58E-05	0.000304
210115_at	RPL39L	0.008708	7.3E-05	0.000755
210116_at	SH2D1A	0.020632	3.13E-08	8.06E-07
210119_at	KCNJ15	-0.01126	8.48E-09	2.59E-07
210127_at	RAB6B	0.011096	0.000562	0.004313
210130_s_at	TM7SF2	-0.00596	0.007809	0.036755
210131_x_at	SDHC	-0.00921	8.22E-05	0.000835
210139_s_at	PMP22	0.013264	3.19E-06	4.83E-05
210140_at	CST7	0.019127	1.03E-08	3.05E-07
210145_at	PLA2G4A	0.012967	6.38E-05	0.000672
210146_x_at	LILRB2	0.016865	3.42E-05	0.000392
210148_at	HIPK3	-0.0071	0.001349	0.008849
210164_at	GZMB	0.008099	0.001523	0.009761
210165_at	DNASE1	-0.01011	0.000109	0.001065
210166_at	TLR5	0.011703	2.24E-07	4.66E-06
210177_at	TRIM15	-0.00448	0.002284	0.013656

210180_s_at	TRA2B	0.006673	0.007709	0.036422
210184_at	ITGAX	0.007342	0.000353	0.002889
210199_at	CRYAA	-0.02012	7.36E-06	0.000101
210201_x_at	BIN1	-0.01259	2.53E-05	0.000299
210211_s_at	HSP90AA1	-0.00433	0.000813	0.005872
210212_x_at	MTCP1NB	-0.00524	0.002182	0.013131
210218_s_at	SP100	0.00727	0.004041	0.021769
210223_s_at	MR1	0.008023	0.000454	0.003602
210225_x_at	LILRB3	0.006354	0.005256	0.026875
210227_at	DLGAP2	-0.00831	0.001169	0.007865
210235_s_at	PPFIA1	-0.00576	0.005231	0.026758
210254_at	MS4A3	0.005186	0.006638	0.032286
210260_s_at	TNFAIP8	0.015895	3.13E-09	1.09E-07
210262_at	CRISP2	-0.00724	0.005502	0.027845
210284_s_at	TAB2	-0.00432	0.008443	0.039063
210285_x_at	WTAP	0.005333	0.008455	0.039076
210289_at	NAT8	-0.02355	1.18E-06	2.02E-05
210298_x_at	FHL1	0.017161	1.37E-06	2.29E-05
210299_s_at	FHL1	0.015	1.72E-05	0.000212
210321_at	GZMH	0.007279	0.001732	0.010883
210326_at	AGXT	-0.01261	0.00051	0.003983
210327_s_at	AGXT	-0.00865	0.004056	0.021831
210331_at	HECW1	-0.01134	0.000314	0.002622
210335_at	RASSF9	0.010694	0.00087	0.006223
210337_s_at	ACLY	-0.00889	4.67E-05	0.000513
210338_s_at	HSPA8	-0.00816	5.07E-05	0.000551
210340_s_at	CSF2RA	0.008336	0.000204	0.001817
210343_s_at	SLC22A6	-0.0313	2.93E-12	3.07E-10
210356_x_at	MS4A1	0.026176	3.63E-08	9.2E-07
210361_s_at	ELF2	0.00699	0.000782	0.005673
210362_x_at	PML	0.003081	0.01132	0.049303
210367_s_at	PTGES	0.0095	9.62E-07	1.71E-05
210372_s_at	TPD52L1	0.006784	0.007677	0.036294
210374_x_at	PTGER3	-0.0162	1.75E-10	9.67E-09
210375_at	PTGER3	-0.0215	1.34E-11	1.15E-09
210377_at	ACSM3	-0.01769	5.83E-07	1.09E-05
210385_s_at	ERAP1	0.006371	0.000887	0.006327
210386_s_at	LOC100510712	-0.00753	0.000145	0.001361
210390_s_at	CCL14-CCL15	-0.02254	3.88E-09	1.31E-07
210399_x_at	FUT6	-0.01394	4.36E-10	2.03E-08
210414_at	FLRT1	-0.00978	0.000728	0.005363
210415_s_at	ODF2	0.005064	0.006193	0.030534
210418_s_at	IDH3B	-0.01006	6.02E-05	0.000641
210424_s_at	GOLGA8A	0.006871	0.005659	0.028464
210426_x_at	RORA	-0.0125	1.2E-09	4.77E-08
210427_x_at	ANXA2	0.016864	1.13E-09	4.51E-08
210439_at	ICOS	0.00853	0.009445	0.042673
210444_at	NPY6R	-0.01186	0.000393	0.003173
210448_s_at	P2RX5	0.009285	0.000455	0.003606

210451_at	PKLR	-0.02552	2.73E-10	1.38E-08
210452_x_at	CYP4F2	-0.03347	1.8E-13	2.74E-11
210458_s_at	TANK	0.009822	0.001341	0.008804
210471_s_at	KCNAB1	-0.00793	2.92E-05	0.00034
210476_s_at	PRLR	-0.02521	1.12E-13	1.84E-11
210479_s_at	RORA	-0.01286	3.88E-08	9.76E-07
210480_s_at	MYO6	-0.00687	0.000994	0.00691
210493_s_at	MFAP3L	-0.01121	3.8E-06	5.65E-05
210495_x_at	FN1	0.010858	0.000295	0.002482
210512_s_at	VEGFA	-0.00951	5.9E-05	0.00063
210513_s_at	VEGFA	-0.01858	3.94E-10	1.87E-08
210514_x_at	HLA-G	0.011034	0.000272	0.002315
210524_x_at		-0.00703	0.008191	0.038143
210538_s_at	BIRC3	0.019083	2.32E-07	4.8E-06
210540_s_at	B4GALT4	-0.00724	0.000416	0.003343
210544_s_at	ALDH3A2	-0.01516	9.83E-06	0.00013
210550_s_at	RASGRF1	-0.00837	0.000383	0.003103
210565_at	GCCR	0.005058	0.007618	0.036093
210606_x_at	KLRD1	0.004915	0.00893	0.040832
210607_at	FLT3LG	0.005676	0.006544	0.031913
210619_s_at	HYAL1	-0.01863	5.16E-16	2.95E-13
210624_s_at	ILVBL	-0.00664	0.002204	0.013241
210629_x_at	LST1	0.016524	2.96E-09	1.05E-07
210638_s_at	FBXO9	-0.00402	0.002783	0.016034
210640_s_at	GPBR	-0.00573	0.003912	0.021206
210644_s_at	LAIR1	0.011206	9.82E-06	0.00013
210646_x_at	RPL13A	0.007459	0.000695	0.005163
210651_s_at	EPHB2	0.004286	0.009517	0.042925
210653_s_at	BCKDHB	-0.01512	2.31E-07	4.79E-06
210654_at	TNFRSF10D	-0.00584	0.000838	0.006013
210657_s_at	SEPT4	0.007792	0.009577	0.043142
210658_s_at	GGA2	-0.00455	0.006018	0.02988
210659_at	CMKLR1	0.00602	0.004851	0.025272
210660_at	LILRA1	0.007944	0.001458	0.009421
210663_s_at	KYNU	-0.01536	6.85E-06	9.5E-05
210667_s_at	C21orf33	-0.00914	0.010688	0.047234
210674_s_at	PCDHA1	0.008516	0.002925	0.016705
210685_s_at	UBE4B	-0.00582	0.01062	0.047007
210687_at	CPT1A	-0.00789	0.00716	0.034413
210692_s_at	SLC43A3	0.008324	0.000614	0.00464
210706_s_at	RNF24	0.007886	0.003114	0.017591
210737_at	TUB	-0.00495	0.005827	0.029098
210738_s_at	SLC4A4	-0.03494	1.77E-16	1.31E-13
210739_x_at	SLC4A4	-0.0267	1.97E-15	7.44E-13
210740_s_at	ITPK1	-0.00463	6.12E-06	8.61E-05
210742_at	CDC14A	-0.01268	0.000192	0.001727
210750_s_at	DLGAP1	0.004965	0.007505	0.03568
210751_s_at	RGN	-0.01828	1.28E-10	7.44E-09
210754_s_at	LYN	0.015176	7.22E-09	2.27E-07

210757_x_at	DAB2	-0.01223	5.95E-10	2.63E-08
210764_s_at	CYR61	0.019387	5.02E-05	0.000548
210774_s_at	NCOA4	-0.0054	7.91E-06	0.000108
210784_x_at	LILRA6	0.007092	0.002701	0.015655
210785_s_at	C1orf38	0.014071	5.43E-08	1.31E-06
210786_s_at	FLI1	0.014469	4E-10	1.89E-08
210796_x_at	SIGLEC6	0.008837	0.000819	0.005903
210805_x_at	RUNX1	0.007483	0.000323	0.002681
210807_s_at	SLC16A7	-0.01561	2.33E-06	3.68E-05
210815_s_at	CALCRL	0.007981	0.004315	0.022965
210825_s_at	PEBP1	-0.006	5.05E-10	2.29E-08
210827_s_at	ELF3	0.00992	0.000743	0.005446
210829_s_at	SSBP2	0.009433	9.89E-06	0.00013
210831_s_at	PTGER3	-0.01704	5.8E-11	3.8E-09
210832_x_at	PTGER3	-0.01986	5.57E-14	1.01E-11
210833_at	PTGER3	-0.02472	2.21E-14	4.99E-12
210834_s_at	PTGER3	-0.02355	4.27E-11	2.94E-09
210838_s_at	ACVRL1	0.005317	0.001638	0.010373
210839_s_at	ENPP2	-0.01753	8.41E-12	7.61E-10
210840_s_at	IQGAP1	0.010753	2.74E-08	7.2E-07
210843_s_at	MFAP3L	-0.01136	1.04E-06	1.83E-05
210852_s_at	AASS	-0.01378	8.73E-12	7.87E-10
210854_x_at	SLC6A8	-0.01363	0.001165	0.007843
210862_s_at	SARDH	-0.00864	4.15E-05	0.000463
210870_s_at	EPM2A	-0.00927	0.002774	0.016003
210871_x_at	SSX2IP	-0.01154	4.33E-06	6.35E-05
210872_x_at	GAS7	0.006943	0.001475	0.00951
210879_s_at	RAB11FIP5	-0.0109	1.11E-06	1.93E-05
210887_s_at	EVC	0.007611	0.000147	0.001379
210889_s_at	FCGR2B	0.015922	4.4E-09	1.45E-07
210895_s_at	CD86	0.008551	0.000576	0.004405
210896_s_at	ASPH	-0.00937	0.006018	0.02988
210908_s_at	PFDN5	0.008035	0.00366	0.020099
210912_x_at	GSTM4	-0.01091	3.75E-05	0.000425
210915_x_at	TRBC1	0.036454	3.3E-14	6.68E-12
210916_s_at	CD44	0.024614	8.18E-08	1.9E-06
210928_at		0.013389	0.002499	0.014693
210942_s_at	ST3GAL6	-0.0082	0.000233	0.002036
210944_s_at	CAPN3	-0.02528	2.95E-11	2.2E-09
210947_s_at	MSH3	-0.01185	3.13E-08	8.06E-07
210950_s_at	FDFT1	-0.00395	0.008323	0.038597
210951_x_at	RAB27A	0.017887	4.52E-08	1.12E-06
210957_s_at	AFF2	0.008003	0.007972	0.037318
210958_s_at	MAST4	-0.00757	0.000196	0.001756
210959_s_at	SRD5A1	-0.00663	0.004252	0.02271
210966_x_at	LARP1	-0.00867	0.002098	0.012728
210972_x_at	TRAC	0.023832	1.55E-11	1.28E-09
210973_s_at	FGFR1	0.009445	0.000939	0.006623
210976_s_at	PFKM	-0.00852	0.001112	0.00756

210978_s_at	TAGLN2	0.010789	0.004677	0.024526
210980_s_at	ASAH1	-0.00458	0.007519	0.035715
210981_s_at	GRK6	0.006324	0.005595	0.028208
210982_s_at	HLA-DRA	0.018927	1.72E-08	4.77E-07
210983_s_at	MCM7	0.005121	0.002284	0.013656
210986_s_at	TPM1	0.015078	4.72E-09	1.55E-07
210987_x_at	TPM1	0.013448	5.73E-11	3.77E-09
210990_s_at	LAMA4	0.007472	0.000156	0.001452
210992_x_at	FCGR2C	0.012059	1.81E-08	5E-07
210999_s_at	GRB10	-0.00933	1.41E-05	0.000178
211002_s_at	TRIM29	0.011017	5.24E-08	1.27E-06
211005_at	LAT	0.017889	9.37E-09	2.82E-07
211009_s_at	ZNF271	-0.00692	0.003677	0.020176
211015_s_at	HSPA4	-0.00501	0.004102	0.022029
211016_x_at	HSPA4	-0.00777	0.000824	0.00593
211020_at	GCNT2	-0.00796	0.000452	0.003589
211023_at	PDHB	-0.00367	0.007712	0.036426
211025_x_at	COX5B	-0.00577	0.000299	0.002508
211028_s_at	KHK	-0.03121	1.47E-13	2.33E-11
211034_s_at	C12orf51	-0.00573	0.000786	0.005695
211052_s_at	TBCD	-0.00534	0.003487	0.019312
211058_x_at	TUBA1B	0.007224	0.001361	0.008917
211060_x_at	GPAA1	-0.0044	0.002354	0.013988
211061_s_at	MGAT2	-0.00473	0.004239	0.02266
211067_s_at	GAS7	0.007265	6.84E-05	0.000712
211068_x_at	FAM21C	-0.00641	0.000313	0.002614
211072_x_at	TUBA1B	0.008131	0.000819	0.005902
211075_s_at	CD47	0.014107	5.9E-09	1.9E-07
211083_s_at	MAP3K13	-0.01173	1.26E-05	0.000161
211103_at	MYO7A	-0.00938	0.000998	0.006929
211105_s_at	NFATC1	0.010105	4.16E-06	6.13E-05
211117_x_at	ESR2	0.00647	0.002364	0.014039
211118_x_at	ESR2	0.007116	0.000433	0.003462
211120_x_at	ESR2	0.006881	0.000644	0.004841
211124_s_at	KITLG	0.008212	0.00959	0.043193
211136_s_at	CLPTM1	-0.01647	2.3E-05	0.000274
211138_s_at	KMO	-0.03104	3.62E-15	1.3E-12
211142_x_at	HLA-DOA	0.005262	0.005275	0.026941
211148_s_at	ANGPT2	0.010565	6.97E-06	9.66E-05
211150_s_at	DLAT	-0.00895	1.64E-06	2.68E-05
211160_x_at	ACTN1	0.009799	0.000226	0.001987
211161_s_at	COL3A1	0.022098	2.61E-06	4.05E-05
211162_x_at	SCD	-0.01197	3.58E-07	7.03E-06
211163_s_at	TNFRSF10C	0.00535	0.004848	0.025261
211165_x_at	EPHB2	0.006623	0.001457	0.009416
211168_s_at	UPF1	-0.00859	0.000102	0.001011
211170_s_at	PDE10A	-0.01015	5.03E-06	7.21E-05
211178_s_at	PSTPIP1	0.006245	0.000491	0.003858
211179_at	RUNX1	0.005545	0.004394	0.023311

211181_x_at	RUNX1	0.011197	2.12E-05	0.000256
211182_x_at	RUNX1	0.016036	2.45E-06	3.84E-05
211184_s_at	USH1C	-0.01623	7.69E-06	0.000105
211189_x_at	CD84	0.007663	0.00027	0.002302
211190_x_at	CD84	0.009193	0.000365	0.002979
211192_s_at	CD84	0.013124	4.62E-06	6.71E-05
211202_s_at	KDM5B	0.006629	0.00075	0.005483
211210_x_at	SH2D1A	0.006032	0.001932	0.011917
211211_x_at	SH2D1A	0.006635	0.001433	0.009292
211220_s_at	HSF2	0.005256	0.001823	0.011345
211231_x_at	CYP4A11	-0.03252	2.92E-12	3.07E-10
211256_x_at	BTN2A1	0.006278	0.001606	0.010209
211269_s_at	IL2RA	0.008575	0.006426	0.031462
211272_s_at	DGKA	0.005682	0.000893	0.006361
211275_s_at	GYG1	0.008321	0.000121	0.001158
211285_s_at	UBE3A	-0.00514	0.000904	0.006429
211286_x_at	CSF2RA	0.006835	0.000264	0.002263
211298_s_at	ALB	-0.0455	2.35E-11	1.79E-09
211300_s_at	TP53	0.004728	0.008099	0.037794
211302_s_at	PDE4B	0.009293	3.6E-05	0.00041
211303_x_at	FOLH1B	-0.02993	1.05E-11	9.32E-10
211322_s_at	SARDH	-0.01087	0.002044	0.012481
211336_x_at	LILRB1	0.006195	0.003559	0.019625
211337_s_at	TUBGCP4	-0.00575	0.011202	0.048945
211339_s_at	ITK	0.008888	0.001343	0.008812
211347_at	CDC14B	-0.01037	2.6E-06	4.04E-05
211348_s_at	CDC14B	-0.00755	8.48E-08	1.96E-06
211352_s_at	NCOA3	0.010735	2.98E-06	4.56E-05
211357_s_at	ALDOB	-0.01605	4.68E-08	1.16E-06
211360_s_at	ITPR2	-0.00681	0.002183	0.013131
211366_x_at	CASP1	0.019106	5.03E-11	3.41E-09
211367_s_at	CASP1	0.02017	9.86E-09	2.94E-07
211368_s_at	CASP1	0.023812	2.8E-10	1.41E-08
211369_at		-0.00596	0.006833	0.033072
211382_s_at	TACC2	-0.00849	0.000182	0.001656
211395_x_at	FCGR2C	0.01551	5.44E-08	1.31E-06
211406_at	IER3IP1	-0.00561	6.32E-05	0.000669
211413_s_at	PADI4	0.00431	0.005137	0.026431
211416_x_at	GGTLC1	-0.00966	0.000373	0.003032
211417_x_at	GGT1	-0.01407	1.28E-07	2.82E-06
211429_s_at	SERPINA1	-0.01524	4.93E-07	9.35E-06
211430_s_at	IGHG1	0.047914	1.01E-09	4.1E-08
211432_s_at	TYRO3	-0.00984	0.009511	0.042917
211456_x_at	MT1P2	-0.0103	0.004013	0.02166
211458_s_at	GABARAPL1	-0.0053	7.42E-06	0.000102
211460_at	TTTY9A	-0.0133	0.005838	0.029141
211465_x_at	FUT6	-0.01835	2.44E-12	2.65E-10
211468_s_at	RECQL5	-0.00568	0.00543	0.027568
211470_s_at	SULT1C2	-0.01213	2E-08	5.47E-07

211478_s_at	DPP4	-0.01143	0.00348	0.019274
211488_s_at	ITGB8	0.011737	0.000211	0.001871
211494_s_at	SLC4A4	-0.02138	1.06E-14	2.87E-12
211502_s_at	CDK14	-0.00869	1.09E-05	0.000142
211505_s_at	STAU1	-0.01553	5.83E-08	1.39E-06
211506_s_at	IL8	0.011319	0.001574	0.010041
211509_s_at	RTN4	-0.00428	0.000402	0.003237
211518_s_at	BMP4	0.007881	0.000207	0.001842
211527_x_at	VEGFA	-0.01244	5.41E-07	1.02E-05
211528_x_at	HLA-G	0.008333	0.004672	0.024512
211529_x_at	HLA-G	0.010694	6.37E-05	0.000671
211530_x_at	HLA-G	0.006622	0.00051	0.003984
211534_x_at	PTPRN2	0.010154	0.000742	0.005441
211542_x_at	RPS10	0.010562	5.22E-06	7.49E-05
211546_x_at	SNCA	0.004533	0.008842	0.040497
211548_s_at	HPGD	-0.02568	4.79E-14	9.01E-12
211549_s_at	HPGD	-0.01334	2.07E-08	5.63E-07
211552_s_at	ALDH4A1	-0.02647	1.75E-16	1.31E-13
211554_s_at	APAF1	0.00854	0.000826	0.005942
211555_s_at	GUCY1B3	0.007564	0.001086	0.007427
211565_at	SH3GL3	0.012864	0.006252	0.030775
211569_s_at	HADH	-0.02491	2.21E-16	1.54E-13
211571_s_at	VCAN	0.034785	5.48E-10	2.45E-08
211576_s_at	SLC19A1	-0.00886	0.002849	0.016349
211577_s_at	IGF1	0.006116	0.011416	0.049623
211581_x_at	LST1	0.020124	1.27E-10	7.42E-09
211582_x_at	LST1	0.021779	9.9E-12	8.86E-10
211588_s_at	LOC652346	0.005466	0.002899	0.016589
211597_s_at	HOPX	0.028823	2.67E-10	1.35E-08
211600_at	PTPRO	-0.00295	0.00206	0.012563
211602_s_at	TRPC1	0.008377	0.001127	0.007649
211615_s_at	LRPPRC	-0.01186	3.38E-09	1.16E-07
211620_x_at	RUNX1	0.01083	4.8E-06	6.92E-05
211628_x_at	FTH1P5	-0.00462	0.002932	0.016739
211630_s_at	GSS	-0.01014	0.000242	0.002104
211633_x_at		0.019352	7.21E-09	2.27E-07
211634_x_at	IGHM	0.023826	1.35E-07	2.96E-06
211635_x_at	IGHA1	0.016828	3.41E-06	5.14E-05
211637_x_at	IGHA1	0.024775	1.3E-06	2.19E-05
211639_x_at	IGHA1	0.016947	2.58E-07	5.28E-06
211640_x_at	IGHG1	0.019515	7.23E-09	2.27E-07
211641_x_at	IGHA1	0.019389	5.28E-10	2.38E-08
211642_at	IGHG1	0.007136	0.003356	0.018731
211643_x_at	IGK@	0.033814	1.72E-11	1.39E-09
211644_x_at	IGK@	0.042003	2.02E-10	1.09E-08
211645_x_at		0.036562	1.54E-11	1.28E-09
211647_x_at	IGHG1	0.013329	4.9E-06	7.06E-05
211649_x_at	IGHA1	0.012557	1.25E-07	2.76E-06
211650_x_at	IGHA1	0.023468	6.59E-08	1.55E-06

211654_x_at	HLA-DQB1	0.015945	0.000119	0.001143
211656_x_at	HLA-DQB1	0.01258	0.00042	0.003369
211662_s_at	VDAC2	-0.00542	2.44E-05	0.000289
211663_x_at	PTGDS	0.007869	0.003112	0.017587
211673_s_at	MOCS1	-0.00978	0.00026	0.002242
211676_s_at	IFNGR1	0.010208	0.010213	0.045514
211677_x_at	CADM3	0.005473	0.006239	0.030722
211682_x_at	UGT2B28	-0.016	3.62E-11	2.58E-09
211689_s_at	TMPRSS2	-0.01034	6.03E-05	0.000642
211695_x_at	MUC1	0.016995	9.4E-05	0.000939
211702_s_at	USP32	-0.00642	0.001053	0.007236
211704_s_at	SPIN2A	0.004313	0.010543	0.046738
211708_s_at	SCD	-0.01187	0.000187	0.001687
211712_s_at	ANXA9	-0.01576	4.77E-14	9.01E-12
211715_s_at	BDH1	-0.01335	1.09E-05	0.000142
211719_x_at	FN1	0.012176	7.65E-05	0.000786
211720_x_at	RPLP0	0.009505	0.006232	0.030703
211725_s_at	BID	0.008245	0.000613	0.004639
211727_s_at	COX11	-0.00755	0.000186	0.001679
211733_x_at	SCP2	-0.00784	4.41E-07	8.51E-06
211734_s_at	FCER1A	0.028266	2.08E-09	7.75E-08
211737_x_at	PTN	0.019612	3.82E-06	5.68E-05
211742_s_at	EVI2B	0.025043	9.59E-10	3.95E-08
211745_x_at	HBA1	0.016518	0.007273	0.034834
211751_at	LOC653513	0.012976	0.00202	0.012351
211755_s_at	ATP5F1	-0.00706	2.42E-08	6.45E-07
211761_s_at	CACYBP	-0.0045	0.009287	0.042134
211763_s_at	UBE2B	-0.0072	0.002519	0.014778
211774_s_at	MMACHC	-0.00685	0.006566	0.032008
211776_s_at	EPB41L3	-0.01866	3.75E-16	2.45E-13
211778_s_at	OVOL2	0.007374	0.000399	0.003222
211791_s_at	KCNAB2	-0.00577	0.00421	0.022545
211794_at	FYB	0.019665	6.9E-09	2.19E-07
211795_s_at	FYB	0.018104	1.63E-08	4.57E-07
211796_s_at	TRBC1	0.04594	8.65E-14	1.46E-11
211798_x_at	IGLJ3	0.021684	8.45E-09	2.59E-07
211799_x_at	HLA-C	0.01044	7.67E-05	0.000788
211802_x_at	CACNA1G	0.00406	0.008096	0.037787
211806_s_at	KCNJ15	-0.01638	1.35E-06	2.26E-05
211813_x_at	DCN	0.016626	1.13E-05	0.000147
211820_x_at	GYPA	-0.0128	1.22E-05	0.000156
211821_x_at	GYPA	-0.01241	4.57E-05	0.000504
211822_s_at	NLRP1	0.005074	0.006837	0.033084
211825_s_at	EWSR1	0.011195	0.000166	0.001527
211831_s_at	THPO	-0.01096	1.19E-05	0.000154
211838_x_at	PCDHA5	0.004044	0.009934	0.044474
211843_x_at	CYP3A7	-0.01942	7.53E-09	2.34E-07
211844_s_at	NRP2	0.006461	0.002428	0.014372
211864_s_at	MYOF	0.015023	5.62E-08	1.35E-06

211868_x_at	IGHA1	0.00856	2.71E-05	0.000317
211871_x_at	GNB5	-0.00903	0.000445	0.003547
211879_x_at	PCDHGA3	0.005196	0.002011	0.012307
211881_x_at	IGLJ3	0.021529	4.18E-09	1.39E-07
211882_x_at	FUT6	-0.00831	2.29E-05	0.000273
211883_x_at	CEACAM1	-0.01085	5.05E-05	0.00055
211885_x_at	FUT6	-0.01231	6.09E-05	0.000647
211887_x_at	MSR1	0.015833	5.88E-07	1.09E-05
211889_x_at	CEACAM1	-0.00781	0.000466	0.003685
211890_x_at	CAPN3	-0.02916	3.88E-13	5.54E-11
211893_x_at	CD6	0.004619	0.008757	0.04016
211896_s_at	DCN	0.016726	2.09E-05	0.000252
211900_x_at	CD6	0.005982	0.001659	0.010495
211902_x_at	TRD@	0.019872	2.46E-11	1.86E-09
211905_s_at	ITGB4	0.006035	0.002815	0.016178
211907_s_at	PARD6B	-0.00963	1.7E-06	2.77E-05
211908_x_at	IGKV3-20	0.014472	6.87E-07	1.26E-05
211911_x_at	HLA-B	0.016107	0.000154	0.001437
211917_s_at	PRLR	-0.02292	5.62E-11	3.72E-09
211918_x_at	PAPPA2	0.023685	8.6E-09	2.62E-07
211919_s_at	CXCR4	0.029458	9.83E-10	4.03E-08
211921_x_at	PTMA	0.003932	0.001256	0.00833
211922_s_at	CAT	-0.01448	1.97E-06	3.17E-05
211925_s_at	PLCB1	0.015374	1.09E-05	0.000142
211926_s_at	MYH9	0.004913	0.001859	0.011534
211932_at	HNRNPA3	0.005657	1.64E-05	0.000203
211933_s_at	HNRNPA3	0.004433	0.000354	0.002899
211939_x_at	BTF3	0.005737	0.005204	0.026656
211941_s_at	PEBP1	-0.01066	0.00551	0.027873
211942_x_at	RPL13A	0.014422	0.000643	0.004834
211945_s_at	ITGB1	0.006224	6.24E-05	0.000661
211950_at	UBR4	-0.00547	0.005337	0.027205
211962_s_at	ZFP36L1	0.008787	2.52E-09	9.15E-08
211963_s_at	ARPC5	0.009841	0.000104	0.001023
211965_at	ZFP36L1	0.006148	0.002163	0.013038
211967_at	TMEM123	0.00972	0.000113	0.001095
211970_x_at	ACTG1	0.003745	0.000241	0.002101
211971_s_at	LRPPRC	-0.01059	4.13E-11	2.87E-09
211972_x_at	RPLP0	0.010802	0.004885	0.025385
211983_x_at	ACTG1	0.002751	0.003046	0.017293
211984_at	CALM1	-0.01034	0.0001	0.000996
211985_s_at	CALM1	-0.00525	0.000409	0.003288
211986_at	AHNAK	0.012703	7.73E-08	1.8E-06
211988_at	SMARCE1	0.005233	0.002198	0.013208
211989_at	SMARCE1	0.00736	4.64E-06	6.73E-05
211990_at	HLA-DPA1	0.018075	0.000368	0.002995
211991_s_at	HLA-DPA1	0.025656	4.24E-08	1.06E-06
211995_x_at	ACTG1	0.007807	0.009731	0.043733
211999_at	H3F3B	0.007319	4.33E-10	2.02E-08

212001_at	SUGP2	-0.00543	0.003259	0.018264
212012_at	PXDN	0.01508	2.98E-06	4.56E-05
212013_at	PXDN	0.008136	0.001954	0.012036
212014_x_at	CD44	0.020786	4.36E-09	1.44E-07
212017_at	FAM168B	-0.00686	0.001258	0.008338
212022_s_at	MKI67	0.012741	1.01E-05	0.000133
212027_at	RBM25	0.00466	0.010181	0.045404
212036_s_at	PNN	0.00657	0.001589	0.010129
212038_s_at	VDAC1	-0.00841	1.76E-06	2.85E-05
212044_s_at	RPL27A	0.009723	5.36E-05	0.000578
212051_at	WIPF2	-0.00649	0.002405	0.014255
212053_at	PDXDC1	-0.01002	2.22E-06	3.53E-05
212054_x_at	TBC1D9B	-0.00451	0.004989	0.025826
212062_at	ATP9A	0.007281	0.001131	0.00766
212063_at	CD44	0.024141	9.07E-08	2.08E-06
212067_s_at	C1R	0.016677	2.07E-08	5.63E-07
212076_at	MLL	0.007508	0.001708	0.010764
212078_s_at	MLL	0.006974	0.001666	0.010537
212079_s_at	MLL	0.007126	0.000534	0.004145
212082_s_at	MYL6	0.005208	0.001119	0.007603
212087_s_at	ERAL1	-0.00675	0.000875	0.006255
212089_at	LMNA	0.009953	0.000463	0.003667
212093_s_at	MTUS1	-0.00675	0.000859	0.006153
212095_s_at	MTUS1	-0.00761	0.01123	0.049015
212096_s_at	MTUS1	-0.00635	0.002282	0.013651
212097_at	CAV1	0.012048	6.76E-05	0.000706
212107_s_at	DHX9	0.005325	0.004869	0.025339
212110_at	SLC39A14	-0.01687	9.47E-08	2.16E-06
212121_at	TCTN3	-0.00745	0.002085	0.012672
212131_at	LSM14A	-0.0039	0.007951	0.037227
212137_at	LARP1	-0.00796	0.000409	0.003289
212146_at	PLEKHM2	-0.00568	0.007174	0.034473
212148_at	PBX1	-0.0065	0.011373	0.049482
212149_at	EFR3A	-0.00506	0.007661	0.036237
212155_at	RNF187	-0.00372	0.001474	0.009505
212166_at	XPO7	-0.00751	8.92E-07	1.59E-05
212171_x_at	VEGFA	-0.01266	2.85E-07	5.76E-06
212173_at	AK2	-0.01044	6.49E-05	0.000682
212174_at	AK2	-0.01115	3.61E-06	5.4E-05
212175_s_at	AK2	-0.0118	1.07E-09	4.3E-08
212183_at	NUDT4	-0.01321	0.000208	0.001847
212188_at	KCTD12	0.008922	9.35E-06	0.000124
212191_x_at	RPL13	0.009841	0.009298	0.042151
212192_at	KCTD12	0.010515	0.000197	0.001763
212193_s_at	LARP1	-0.01033	0.007354	0.035088
212202_s_at	TMEM87A	0.006417	0.005874	0.029289
212203_x_at	IFITM3	0.023187	3.32E-09	1.14E-07
212204_at	TMEM87A	0.007048	0.001597	0.010171
212213_x_at	OPA1	-0.00664	0.004215	0.022562

212214_at	OPA1	-0.00532	0.008232	0.038302
212216_at	PREPL	-0.00866	2.75E-06	4.25E-05
212218_s_at	FASN	0.005833	0.002568	0.015029
212226_s_at	PPAP2B	-0.01285	0.000198	0.001773
212228_s_at	COQ9	-0.01034	2.84E-05	0.000331
212229_s_at	FBXO21	-0.01229	5.56E-06	7.93E-05
212230_at	PPAP2B	-0.01163	2.95E-10	1.48E-08
212231_at	FBXO21	-0.01315	2.08E-10	1.11E-08
212234_at	ASXL1	-0.00527	0.001777	0.011116
212236_x_at	KRT17	0.006585	0.002003	0.012278
212242_at	TUBA4A	-0.00718	4.29E-06	6.31E-05
212252_at	CAMKK2	-0.00691	0.002468	0.014544
212265_at	QKI	0.003925	0.011149	0.048774
212267_at	WAPAL	-0.00469	0.000942	0.006628
212270_x_at	RPL17	0.005361	0.002699	0.015652
212271_at	MAPK1	-0.00548	0.008488	0.039182
212277_at	MTMR4	-0.01049	0.000546	0.004215
212283_at	AGRN	0.005173	0.00278	0.016018
212285_s_at	AGRN	0.0096	0.00022	0.001946
212297_at	ATP13A3	-0.00667	0.00233	0.013868
212310_at	MIA3	-0.006	0.006206	0.030595
212312_at	BCL2L1	-0.00663	0.000187	0.001685
212313_at	CHMP7	-0.00383	0.011197	0.048936
212314_at	SEL1L3	0.009829	0.008557	0.03945
212320_at	TUBB	0.011618	3.42E-05	0.000392
212326_at	VPS13D	-0.00576	0.003681	0.02019
212333_at	FAM98A	-0.00568	0.000996	0.00692
212334_at	GNS	-0.00807	3.9E-05	0.00044
212335_at	GNS	-0.00829	0.000896	0.006376
212338_at	MYO1D	0.006848	0.008129	0.037909
212350_at	TBC1D1	-0.00771	0.001086	0.007427
212352_s_at	TMED10	0.004905	0.001947	0.011999
212354_at	SULF1	0.008006	0.009127	0.041581
212359_s_at	KIAA0913	-0.00798	1.58E-05	0.000196
212361_s_at	ATP2A2	-0.00864	0.00491	0.025497
212363_x_at	ACTG1	0.007778	0.000656	0.004925
212369_at	ZNF384	-0.00492	0.002447	0.01445
212382_at	TCF4	0.018218	1.74E-08	4.81E-07
212383_at	ATP6V0A1	-0.00541	0.009196	0.041801
212386_at	TCF4	0.012524	6.98E-07	1.27E-05
212387_at	TCF4	0.013697	7.1E-08	1.66E-06
212391_x_at	RPS3A	0.006873	9.9E-07	1.74E-05
212394_at	KIAA0090	-0.00822	0.005831	0.029113
212395_s_at	KIAA0090	-0.0038	0.011243	0.049064
212397_at	RDX	-0.00814	0.000729	0.005365
212401_s_at	CDK11A	0.005846	0.007349	0.03507
212405_s_at	METT13	-0.00584	0.005938	0.029568
212415_at	SEPT6	0.009692	0.000375	0.003047
212419_at	ZCCHC24	0.008381	0.000913	0.006473

212420_at	ELF1	0.008285	0.000229	0.002012
212423_at	ZCCHC24	0.004434	0.010244	0.045613
212428_at	KIAA0368	-0.00413	0.009872	0.044282
212432_at	GRPEL1	-0.01472	6.1E-11	3.96E-09
212433_x_at	RPS2	0.010102	0.002073	0.012623
212434_at	GRPEL1	-0.01771	2.31E-14	4.99E-12
212441_at	KIAA0232	-0.00547	0.003933	0.021292
212444_at		0.012644	0.003281	0.018373
212445_s_at	NEDD4L	-0.00915	3.42E-05	0.000392
212448_at	NEDD4L	-0.01231	7.22E-07	1.31E-05
212456_at	KIAA0664	-0.01133	1.09E-12	1.35E-10
212459_x_at	SUCLG2	-0.01633	7.74E-12	7.13E-10
212464_s_at	FN1	0.012705	0.000149	0.001398
212465_at	SETD3	-0.0096	5.35E-10	2.4E-08
212467_at	DNAJC13	-0.00911	0.002701	0.015655
212468_at	SPAG9	-0.00957	7.25E-07	1.31E-05
212470_at	SPAG9	-0.01196	1.5E-09	5.78E-08
212472_at	MICAL2	0.009226	0.00046	0.003642
212473_s_at	MICAL2	0.010246	0.000635	0.004789
212481_s_at	TPM4	0.009554	4.06E-06	6.01E-05
212482_at	RMND5A	-0.00721	0.000137	0.001294
212484_at	FAM89B	0.004879	0.008446	0.039069
212489_at	COL5A1	0.011355	9.44E-05	0.000943
212498_at		-0.0067	0.000166	0.001525
212503_s_at	DIP2C	-0.01764	2.51E-10	1.29E-08
212504_at	DIP2C	-0.02066	5.15E-07	9.74E-06
212506_at	PICALM	-0.00273	0.006375	0.031286
212509_s_at	MXRA7	0.007461	0.000843	0.006047
212510_at	GPD1L	-0.01208	1.47E-10	8.34E-09
212511_at	PICALM	-0.00799	0.008252	0.038371
212517_at	ATRN	-0.00922	0.000338	0.002789
212519_at	UBE2E1	0.004799	0.004226	0.022603
212521_s_at	PDE8A	-0.00818	0.000457	0.003617
212522_at	PDE8A	-0.00852	3.75E-06	5.59E-05
212530_at	NEK7	0.006027	0.005264	0.026896
212531_at	LCN2	0.022484	1.02E-08	3.04E-07
212537_x_at	RPL17	0.005241	0.003702	0.020271
212543_at	AIM1	-0.00803	0.000105	0.001029
212552_at	HPCAL1	-0.00612	0.000134	0.001273
212558_at	SPRY1	0.0157	8.07E-07	1.45E-05
212559_at	PRKAR1B	-0.00481	0.003463	0.019202
212568_s_at	DLAT	-0.01474	8.16E-10	3.46E-08
212569_at	SMCHD1	0.007635	0.001267	0.008377
212577_at	SMCHD1	0.006906	0.004364	0.023175
212581_x_at	GAPDH	-0.00674	0.00976	0.043836
212582_at	OSBPL8	-0.00842	9.39E-06	0.000125
212585_at	OSBPL8	-0.00862	0.000337	0.002783
212587_s_at	PTPRC	0.028608	1.25E-09	4.96E-08
212588_at	PTPRC	0.024517	2.18E-10	1.16E-08

212590_at	RRAS2	-0.00746	0.00122	0.008142
212592_at	IGJ	0.042488	2.49E-10	1.29E-08
212593_s_at	PDCD4	0.007558	1.37E-05	0.000174
212599_at	AUTS2	-0.01116	6.55E-06	9.16E-05
212600_s_at	UQCRC2	-0.00699	0.000347	0.002845
212602_at	WDFY3	-0.00554	0.000711	0.005258
212609_s_at	AKT3	0.007079	0.000116	0.001124
212611_at	DTX4	-0.00558	0.010826	0.047711
212613_at	BTN3A2	0.010973	3.69E-05	0.000419
212622_at	TMEM41B	-0.00717	0.001319	0.008675
212624_s_at	CHN1	0.009191	0.000469	0.003705
212631_at	STX7	-0.00274	0.008135	0.037927
212636_at	QKI	0.007329	0.002502	0.014704
212639_x_at	TUBA1B	0.00928	0.000776	0.00564
212644_s_at	MAPK1IP1L	-0.00311	0.004083	0.021948
212646_at	RFTN1	0.011649	1.16E-07	2.59E-06
212647_at	RRAS	0.012705	1.33E-07	2.92E-06
212648_at	DHX29	-0.00928	8.46E-05	0.000857
212650_at	EHBP1	-0.00412	0.002661	0.015489
212651_at	RHOBTB1	-0.01315	8.33E-06	0.000113
212652_s_at	SNX4	-0.00655	0.000332	0.00275
212653_s_at	EHBP1	-0.00588	0.004243	0.022669
212654_at	TPM2	0.006259	0.003325	0.01858
212655_at	ZCCHC14	-0.00719	0.005702	0.028604
212656_at	TSFM	-0.01227	2.32E-10	1.21E-08
212657_s_at	IL1RN	0.008959	0.000563	0.004317
212667_at	SPARC	0.007423	0.001963	0.012084
212669_at	CAMK2G	-0.01357	5.93E-06	8.38E-05
212671_s_at	HLA-DQA1	0.031516	8.2E-08	1.9E-06
212681_at	EPB41L3	-0.01669	2.77E-09	9.94E-08
212683_at	SLC25A44	-0.01069	3.1E-08	8.02E-07
212688_at	PIK3CB	-0.0057	1.94E-06	3.12E-05
212692_s_at	LRBA	-0.00607	0.002813	0.016174
212693_at	MDN1	-0.00551	0.01105	0.048448
212694_s_at	PCCB	-0.01401	0.000466	0.003686
212695_at	CRY2	-0.00867	0.000715	0.005283
212699_at	SCAMP5	-0.00564	0.001013	0.007013
212700_x_at	LOC100291232	-0.00483	0.000915	0.006485
212701_at	TLN2	-0.02577	1.62E-12	1.88E-10
212703_at	TLN2	-0.02328	1.9E-14	4.6E-12
212705_x_at	PNPLA2	-0.00456	0.006235	0.030711
212706_at	RASA4	-0.0113	4.35E-05	0.000482
212713_at	MFAP4	0.0164	1.2E-05	0.000154
212714_at	LARP4	-0.0134	2E-11	1.57E-09
212715_s_at	MICAL3	-0.0074	0.003002	0.017074
212724_at	RND3	0.010447	0.000127	0.001216
212731_at	ANKRD46	-0.01217	4.56E-06	6.64E-05
212734_x_at	RPL13	0.007437	0.008998	0.04105
212737_at	GM2A	0.008086	0.003133	0.017676

212741_at	MAOA	-0.02101	1.06E-15	5.12E-13
212743_at	RCHY1	-0.00482	0.005339	0.027205
212748_at	MKL1	0.005054	0.006486	0.031713
212750_at	PPP1R16B	-0.03209	2.74E-14	5.76E-12
212757_s_at	CAMK2G	-0.01087	0.000171	0.001567
212758_s_at	ZEB1	0.00585	0.007348	0.03507
212760_at	UBR2	-0.00702	0.003848	0.020899
212779_at	KIAA1109	-0.00649	0.011332	0.049336
212788_x_at	FTL	-0.00721	0.000551	0.004243
212790_x_at	RPL13A	0.008174	0.000662	0.004966
212791_at	C1orf216	0.00871	5.25E-06	7.51E-05
212796_s_at	TBC1D2B	0.008349	0.000152	0.001419
212800_at	STX6	0.005263	0.001236	0.008234
212802_s_at	GAPVD1	-0.00548	0.001638	0.010373
212804_s_at	GAPVD1	-0.00527	0.00664	0.032291
212805_at	PRUNE2	-0.01231	1.46E-06	2.42E-05
212806_at	PRUNE2	-0.01613	3.36E-07	6.68E-06
212811_x_at	SLC1A4	0.00658	0.002631	0.015347
212814_at	AHCYL2	-0.01163	2.02E-05	0.000245
212820_at	DMXL2	-0.00827	0.0063	0.030989
212821_at	PLEKHG3	0.005149	0.007331	0.035028
212827_at	IGHM	0.017965	5.29E-06	7.57E-05
212833_at	SLC25A46	-0.00851	5.21E-05	0.000563
212836_at	POLD3	-0.01231	8.71E-07	1.55E-05
212841_s_at	PPFIBP2	-0.00766	0.001954	0.012038
212844_at	RRP1B	0.007337	9.05E-05	0.00091
212849_at	AXIN1	0.004654	0.004615	0.024273
212850_s_at	LRP4	-0.00675	0.005953	0.029617
212855_at	DCUN1D4	-0.00624	0.006463	0.031623
212857_x_at	SUB1	0.003723	0.001714	0.010789
212865_s_at	COL14A1	0.02413	1.22E-06	2.07E-05
212873_at	HMHA1	0.012599	7.48E-06	0.000103
212874_at	APOE	-0.01879	7.72E-10	3.3E-08
212880_at	WDR7	-0.01062	0.000559	0.004294
212883_at	APOE	-0.03168	1.08E-10	6.44E-09
212884_x_at	APOE	-0.01534	5.22E-07	9.85E-06
212886_at	CCDC69	0.006529	0.000602	0.004567
212890_at	SLC38A10	-0.00808	0.000677	0.005044
212894_at	SUPV3L1	-0.00937	1.47E-05	0.000185
212899_at	CDK19	0.005771	0.002032	0.012417
212906_at	GRAMD1B	-0.01951	4.01E-11	2.81E-09
212907_at	SLC30A1	-0.00711	0.000706	0.005229
212908_at	DNAJC16	-0.02798	3.83E-10	1.83E-08
212911_at	DNAJC16	-0.01551	2.27E-10	1.2E-08
212915_at	PDZRN3	-0.00787	0.001549	0.0099
212922_s_at	SMYD2	0.005615	0.006122	0.030251
212925_at	C19orf21	-0.00502	0.007802	0.036739
212928_at	TSPYL4	-0.00647	0.005298	0.027044
212935_at	MCF2L	-0.00627	0.000187	0.001685

212944_at	SLC5A3	-0.00685	0.009829	0.04411
212946_at	KIAA0564	-0.01296	9.66E-07	1.71E-05
212950_at	GPR116	-0.01219	1.12E-05	0.000145
212951_at	GPR116	-0.00979	0.002911	0.016643
212959_s_at	GNPTAB	0.006147	0.008727	0.040044
212967_x_at	NAP1L1	0.008406	3.82E-08	9.64E-07
212977_at	CXCR7	-0.00778	0.007281	0.03486
212988_x_at	ACTG1	0.004266	0.000179	0.001633
212992_at	AHNAK2	0.011839	7.86E-08	1.83E-06
212993_at	NACC2	-0.009	5.84E-06	8.28E-05
212998_x_at	HLA-DQB1	0.020898	4.36E-07	8.41E-06
213002_at	MARCKS	0.016642	3.13E-09	1.09E-07
213005_s_at	KANK1	-0.0093	6.34E-05	0.00067
213006_at	CEBPD	-0.01273	0.001512	0.009704
213008_at	FANCI	0.006205	0.000737	0.005416
213010_at	PRKCDBP	0.006288	0.001612	0.010242
213012_at	NEDD4	-0.00545	0.005379	0.027369
213018_at	GATAD1	-0.00641	0.002949	0.016819
213021_at	GOSR1	-0.00564	0.001466	0.009462
213022_s_at	UTRN	0.010575	0.00217	0.013074
213023_at	UTRN	0.009364	0.001973	0.012134
213028_at	NFRKB	-0.0053	0.00299	0.017024
213029_at	NFIB	-0.00737	0.000285	0.00241
213032_at	NFIB	-0.00851	0.001247	0.008283
213033_s_at	NFIB	-0.00838	5.41E-05	0.000583
213034_at	SIK3	-0.00677	0.000674	0.005032
213036_x_at	ATP2A3	0.007753	0.00025	0.002163
213037_x_at	STAU1	-0.01167	5.23E-11	3.52E-09
213038_at	RNF19B	-0.00613	0.003494	0.019338
213040_s_at	NPTXR	0.006264	0.00361	0.019881
213045_at	MAST3	-0.00993	1.18E-05	0.000152
213050_at	COBL	-0.00608	0.001317	0.00867
213055_at	CD47	0.01031	0.000941	0.006628
213063_at	ZC3H14	-0.00738	0.00034	0.002799
213066_at	RUSC2	-0.00524	0.003204	0.018014
213071_at	DPT	0.013244	0.000773	0.005622
213077_at	YTHDC2	-0.00687	0.009757	0.043829
213080_x_at	RPL5	0.002994	0.001338	0.008793
213084_x_at	RPL23A	0.003437	0.005863	0.029244
213085_s_at	WWC1	-0.00462	0.002713	0.015705
213088_s_at	DNAJC9	0.004942	0.008072	0.0377
213093_at	PRKCA	-0.0048	0.009938	0.044482
213095_x_at	AIF1	0.01183	0.00027	0.002304
213101_s_at	ACTR3	0.006884	5.18E-05	0.000561
213113_s_at	SLC43A3	0.012136	1.57E-08	4.43E-07
213115_at	ATG4A	-0.01093	0.000277	0.002358
213118_at	UHRF1BP1L	-0.00553	0.009389	0.042478
213119_at	SLC36A1	-0.01057	4.87E-06	7.02E-05
213127_s_at	MED8	-0.0061	0.004576	0.024096

213128_s_at	UBE3A	-0.00648	0.007262	0.034788
213129_s_at	GCSH	-0.01053	1.78E-07	3.79E-06
213132_s_at	MCAT	-0.00857	0.000844	0.00605
213133_s_at	GCSH	-0.01168	3.59E-10	1.74E-08
213136_at	PTPN2	0.008504	0.000118	0.001139
213137_s_at	PTPN2	0.007894	2.91E-05	0.00034
213140_s_at	SS18L1	-0.01433	2.12E-10	1.13E-08
213141_at	PSKH1	-0.00517	0.004739	0.024793
213143_at	C2orf72	-0.00589	0.001102	0.007505
213149_at	DLAT	-0.0111	1.89E-06	3.05E-05
213151_s_at	SEPT7	0.007732	0.000121	0.001164
213160_at	DOCK2	0.008056	0.000205	0.001823
213169_at	SEMA5A	-0.01184	0.000695	0.005164
213171_s_at	MMP24	-0.00634	0.001265	0.008371
213174_at	TTC9	0.005717	0.0083	0.038527
213176_s_at	LTBP4	0.006785	0.000221	0.001947
213180_s_at	GOSR2	-0.01025	0.00036	0.002947
213181_s_at	MOCS1	-0.01058	6.77E-07	1.24E-05
213184_at	SENP5	-0.00577	0.002996	0.017057
213186_at	DZIP3	-0.00618	0.000637	0.004794
213193_x_at	TRBC1	0.040403	3.36E-14	6.73E-12
213194_at	ROBO1	0.010156	0.001284	0.008473
213198_at	ACVR1B	-0.00656	0.002189	0.013161
213206_at	GOSR2	-0.0099	0.00041	0.003293
213210_at	TAF6L	-0.0062	0.002774	0.016003
213214_x_at	ACTG1	0.002134	0.007425	0.035386
213221_s_at	SIK2	-0.00867	6.88E-07	1.26E-05
213222_at	PLCB1	0.009809	0.005263	0.026896
213227_at	PGRMC2	-0.01015	4.01E-05	0.000451
213234_at	KIAA1467	-0.0078	0.003722	0.02037
213235_at	C16orf88	0.004994	0.007609	0.036058
213247_at	SVEP1	0.014618	1.73E-05	0.000214
213261_at	TRANK1	0.00511	0.011376	0.049482
213262_at	SACS	0.012708	6.14E-05	0.000652
213263_s_at	PCBP2	-0.01128	0.000739	0.005426
213264_at	PCBP2	-0.01255	1.73E-11	1.39E-09
213274_s_at	CTSB	-0.01714	2.97E-07	5.99E-06
213275_x_at	CTSB	-0.01168	1.03E-08	3.07E-07
213278_at	MTMR9	-0.00672	0.009355	0.042356
213279_at	DHRS1	-0.0059	0.00605	0.030001
213281_at	JUN	0.009279	0.001549	0.0099
213282_at	APOOL	-0.00902	1.13E-06	1.95E-05
213289_at	APOOL	-0.01453	2.34E-05	0.000278
213293_s_at	TRIM22	0.019792	6.75E-09	2.15E-07
213304_at	FAM179B	-0.00998	0.001084	0.007424
213306_at	MPDZ	-0.01023	9.94E-05	0.000987
213308_at	SHANK2	-0.00663	0.001165	0.007843
213309_at	PLCL2	-0.00647	0.001778	0.011117
213311_s_at	TCF25	0.005768	0.009847	0.04418

213317_at	CLIC5	-0.01493	0.003239	0.018168
213319_s_at	CSDA	0.008623	0.006817	0.032997
213321_at	BCKDHB	-0.00786	0.000146	0.001365
213325_at	PVRL3	-0.00798	0.001171	0.007876
213326_at	VAMP1	0.007384	0.010365	0.04606
213332_at	PAPPA2	0.023947	6.01E-10	2.64E-08
213333_at	MDH2	-0.00821	7.92E-05	0.000809
213335_s_at	ST3GAL6	-0.00466	0.009034	0.041196
213345_at	NFATC4	0.005468	0.009253	0.042007
213346_at	C13orf27	-0.00625	0.00086	0.006155
213347_x_at	RPS4X	0.001952	0.003933	0.021292
213350_at	RPS11	0.007335	0.006064	0.030048
213355_at	ST3GAL6	-0.00928	0.000267	0.002285
213357_at	GTF2H5	-0.00617	0.001895	0.011726
213362_at	PTPRD	-0.01041	1.6E-06	2.62E-05
213364_s_at	SNX1	-0.0068	0.00865	0.039764
213365_at	ERI2	-0.01248	8.22E-09	2.52E-07
213366_x_at	ATP5C1	-0.00606	3.1E-05	0.000358
213374_x_at	HIBCH	-0.021	6.9E-17	7.32E-14
213377_x_at	RPS12	0.011089	2.23E-08	6E-07
213381_at	C10orf72	-0.01893	2.43E-06	3.81E-05
213383_at	SBF1	-0.01097	2.45E-07	5.05E-06
213385_at	CHN2	-0.00836	0.002267	0.013576
213392_at	IQCK	-0.00552	0.00969	0.043601
213393_at	MFSD9	-0.00625	0.000677	0.005044
213400_s_at	TBL1X	-0.0052	0.005385	0.027394
213403_at		-0.00768	0.003002	0.017074
213407_at	PHLPP2	-0.00996	0.000122	0.001173
213408_s_at	PI4KA	-0.00711	2.18E-05	0.000261
213412_at	TJP3	0.00428	0.005679	0.028511
213414_s_at	RPS19	0.016832	0.000253	0.002192
213418_at	HSPA6	0.016156	0.000469	0.003702
213422_s_at	MXRA8	0.004958	0.008387	0.038858
213423_x_at	TUSC3	0.008493	0.002221	0.013335
213424_at	KIAA0895	-0.00684	0.00333	0.018603
213426_s_at	CAV2	0.004583	0.008621	0.039655
213430_at	RUFY3	-0.0081	7.87E-05	0.000805
213433_at	ARL3	-0.00598	0.008105	0.037807
213437_at	RUFY3	-0.00897	0.005317	0.027122
213440_at	RAB1A	-0.00907	5.68E-10	2.53E-08
213448_at		-0.00771	0.00937	0.042408
213451_x_at	TNXA	0.00708	0.004189	0.022445
213454_at	APITD1	-0.01237	4.15E-09	1.39E-07
213457_at	MFHAS1	0.010039	0.000117	0.001133
213470_s_at	HNRNPH1	0.005718	0.009516	0.042925
213475_s_at	ITGAL	0.010752	3.24E-05	0.000373
213483_at	PPWD1	0.005021	0.005738	0.02872
213488_at	SNED1	0.00983	0.000153	0.001423
213500_at		-0.00517	0.007898	0.037034

213501_at	ACOX1	-0.01545	3.14E-09	1.09E-07
213502_x_at	LOC91316	0.012368	0.00012	0.001154
213503_x_at	ANXA2	0.017138	2.81E-10	1.41E-08
213504_at	COPS6	-0.01125	4.89E-07	9.3E-06
213508_at	C14orf147	-0.006	0.004926	0.025569
213509_x_at	CES2	-0.02245	1.8E-08	4.97E-07
213511_s_at	MTMR1	-0.00579	0.005431	0.027568
213513_x_at	ARPC2	0.00528	4.68E-05	0.000514
213519_s_at	LAMA2	0.006783	0.010099	0.045113
213524_s_at	G0S2	-0.01191	6.75E-09	2.15E-07
213534_s_at	PASK	0.004093	0.009916	0.044432
213535_s_at	UBE2I	0.005343	8.96E-05	0.000902
213537_at	HLA-DPA1	0.011958	0.001828	0.011363
213539_at	CD3D	0.023339	3.62E-10	1.75E-08
213540_at	HSD17B8	-0.00726	0.007939	0.037192
213541_s_at	ERG	0.007163	0.005567	0.028103
213544_at	ING2	-0.00591	0.001198	0.008029
213546_at	DKFZP586I1420	-0.00763	0.002095	0.01272
213549_at	PDZD8	-0.01198	0.000104	0.001027
213552_at	GLCE	-0.01071	1.18E-05	0.000153
213558_at	PCLO	-0.00918	0.002175	0.013097
213560_at	GADD45B	-0.00836	0.002635	0.015361
213563_s_at	TUBGCP2	-0.00398	0.003846	0.020899
213564_x_at	LDHB	-0.00578	4.01E-09	1.34E-07
213566_at	RNASE6	0.025924	8.78E-12	7.89E-10
213572_s_at	SERPINB1	0.006458	0.011025	0.048367
213587_s_at	ATP6V0E2	-0.01541	9.77E-09	2.92E-07
213590_at	SLC16A5	0.009099	0.000944	0.006635
213591_at	ALDH7A1	-0.01363	1.96E-07	4.14E-06
213594_x_at	SRSF10	0.005473	0.011287	0.049216
213595_s_at	CDC42BPA	-0.00704	0.011279	0.04919
213603_s_at	RAC2	0.02501	3.1E-13	4.54E-11
213616_at	C18orf10	0.008846	0.000337	0.002779
213618_at	ARAP2	0.008575	0.003672	0.020155
213620_s_at	ICAM2	0.006484	0.0046	0.024207
213624_at	SMPDL3A	-0.01897	4.02E-14	7.86E-12
213626_at	CBR4	-0.01139	4.14E-10	1.95E-08
213638_at	PHACTR1	0.010463	0.008044	0.037586
213642_at		0.00656	9.58E-05	0.000956
213646_x_at	TUBA1B	0.007282	0.001804	0.011242
213651_at	INPP5J	-0.00601	0.002402	0.014253
213653_at	METTL3	0.006561	0.001529	0.009786
213656_s_at	KLC1	0.006925	0.006069	0.030065
213657_s_at		-0.02402	8.26E-15	2.49E-12
213658_at		-0.01632	3.43E-07	6.79E-06
213664_at	SLC1A1	-0.02275	2.06E-12	2.31E-10
213665_at	SOX4	0.005646	0.001452	0.009392
213667_at	SRCAP	0.00432	0.00077	0.005605
213674_x_at	IGHD	0.017974	7.01E-09	2.22E-07

213686_at	VPS13A	-0.00907	0.000657	0.004933
213687_s_at	RPL35A	0.007344	1.08E-05	0.000141
213688_at	CALM1	-0.01058	0.008357	0.038737
213692_s_at	VDR	-0.01392	1.38E-06	2.31E-05
213693_s_at	MUC1	0.014013	8.38E-06	0.000113
213695_at	PON3	-0.00841	0.004077	0.021926
213697_at	HIPK3	-0.00616	0.001266	0.008373
213702_x_at	ASAH1	-0.0053	0.000166	0.001527
213703_at	LOC150759	0.013462	3.61E-05	0.00041
213704_at	RABGGTB	-0.00989	0.000146	0.001368
213705_at	LOC100509558	-0.01176	1.72E-12	1.98E-10
213706_at	GPD1	-0.03076	2.26E-11	1.73E-09
213709_at	BHLHB9	-0.0081	0.00011	0.001074
213713_s_at	GLB1L2	-0.0144	1.05E-05	0.000138
213714_at	CACNB2	-0.00759	0.002114	0.012799
213716_s_at	SECTM1	0.00715	0.006155	0.030401
213724_s_at	PDK2	-0.02102	2.41E-09	8.8E-08
213728_at	LAMP1	-0.00636	0.000892	0.006356
213733_at	MYO1F	0.006402	0.002731	0.015795
213734_at	WSB2	-0.00398	0.004783	0.024988
213735_s_at	COX5B	-0.00567	0.002097	0.012724
213736_at	COX5B	-0.00634	0.002049	0.012511
213738_s_at	ATP5A1	-0.00918	3.04E-09	1.07E-07
213739_at		-0.00941	0.000853	0.006113
213748_at	TRIM66	-0.00575	0.003451	0.019157
213758_at	COX4I1	-0.00724	0.000593	0.004517
213759_at	ARL4C	0.012553	7.72E-06	0.000105
213760_s_at	ZNF330	-0.0064	0.000195	0.001749
213762_x_at	RBMX	0.003388	0.007128	0.034279
213763_at	HIPK2	-0.01077	0.004465	0.023615
213766_x_at	GNA11	-0.00751	3.9E-05	0.00044
213787_s_at	EBP	-0.01005	0.008488	0.039182
213789_at		-0.01126	0.00884	0.040497
213792_s_at	INSR	-0.01759	1.4E-09	5.45E-08
213793_s_at	HOMER1	-0.00795	0.003235	0.018153
213797_at	RSAD2	0.010728	0.000173	0.001588
213798_s_at	CAP1	0.003472	0.00517	0.026546
213800_at	CFH	0.017759	9.49E-07	1.68E-05
213801_x_at	RPSA	0.008528	9.1E-08	2.09E-06
213813_x_at		-0.00757	5.7E-09	1.84E-07
213814_s_at	SNTB2	-0.00586	0.009342	0.042306
213816_s_at	MET	0.012222	0.000376	0.003053
213823_at	HOXA11	0.012394	5.92E-07	1.1E-05
213830_at	TRD@	0.006997	0.002645	0.015402
213836_s_at	WIPI1	-0.0121	1.19E-06	2.04E-05
213839_at	CLMN	-0.00996	2.28E-06	3.61E-05
213843_x_at	SLC6A8	-0.01343	0.000889	0.00634
213846_at	COX7C	-0.00591	0.007471	0.035561
213851_at	TMEM110	-0.00769	0.00512	0.026367

213857_s_at	CD47	0.012344	2.2E-07	4.59E-06
213859_x_at	SMARCA5	0.004424	0.001103	0.007509
213861_s_at	FAM119B	-0.01673	2.67E-07	5.45E-06
213864_s_at	NAP1L1	0.008855	1.39E-10	8E-09
213869_x_at	THY1	-0.02033	9.53E-10	3.94E-08
213874_at	SERPINA4	-0.00989	8.23E-05	0.000835
213878_at	PYROXD1	-0.00559	0.006137	0.030321
213879_at		0.004253	0.001549	0.0099
213881_x_at	SUMO2	0.005314	0.000288	0.002432
213889_at		-0.01086	0.001427	0.009255
213890_x_at	RPS16	0.003922	0.001135	0.007682
213891_s_at	TCF4	0.012995	0.000159	0.001477
213896_x_at	FAM149B1	-0.00688	0.003217	0.018083
213906_at	MYBL1	0.007168	0.003679	0.02018
213915_at	NKG7	0.01105	6.19E-07	1.15E-05
213921_at	SST	0.010356	0.000172	0.001579
213923_at	RAP2B	0.013261	3.17E-07	6.34E-06
213932_x_at	HLA-A	0.004259	0.000433	0.003459
213933_at	PTGER3	-0.02471	2.17E-16	1.54E-13
213940_s_at	FNBP1	0.007797	4.61E-07	8.83E-06
213944_x_at	GNA11	-0.00477	0.00318	0.01791
213948_x_at	CADM3	0.004839	0.006899	0.033333
213951_s_at	PSMC3IP	-0.00362	0.006021	0.029882
213952_s_at	ALOX5	0.006152	0.004408	0.023362
213958_at	CD6	0.007003	0.007362	0.035121
213964_x_at		-0.00619	0.000506	0.003956
213967_at	RALYL	-0.02761	9.64E-11	5.94E-09
213970_at	RABL3	-0.00805	0.003233	0.018153
213974_at	ADAMTSL3	0.010284	0.00337	0.018793
213975_s_at	LYZ	0.036587	9.83E-11	6.03E-09
213991_s_at	HS3ST1	0.005259	0.006873	0.033236
213992_at	COL4A6	-0.01237	0.000338	0.002789
213994_s_at	SPON1	0.014942	0.001059	0.007269
214000_s_at	RGS10	0.020547	1.38E-08	3.96E-07
214001_x_at		0.007882	4.42E-06	6.47E-05
214003_x_at	RPS20	0.003675	0.000418	0.003355
214011_s_at	NOP16	-0.0074	0.00915	0.041667
214013_s_at	TBC1D1	-0.00613	0.002071	0.012612
214016_s_at	LOC100506168	0.006321	0.00125	0.008294
214022_s_at	IFITM1	0.025166	1.46E-10	8.32E-09
214031_s_at	KRT7	0.018925	4.15E-06	6.12E-05
214033_at	ABCC6	-0.02239	5.1E-13	6.96E-11
214036_at	EFNA5	0.010169	0.000222	0.001955
214038_at	CCL8	0.01307	0.008772	0.040211
214039_s_at	LAPTM4B	0.008204	0.000118	0.001137
214041_x_at	RPL37A	0.002766	0.004825	0.025166
214043_at	PTPRD	-0.01357	3.65E-07	7.15E-06
214045_at	LIAS	-0.00943	0.000143	0.001343
214051_at	TMSB15B	0.014168	1.42E-07	3.09E-06

214052_x_at	BAT2L2	0.006896	0.00121	0.008089
214054_at	DOK2	0.004942	0.003457	0.019183
214055_x_at	BAT2L2	0.004633	0.005722	0.028665
214058_at	MYCL1	0.00611	0.003386	0.018865
214059_at	IFI44	0.007302	0.00715	0.034377
214069_at	ACSM2A	-0.02325	1.59E-08	4.47E-07
214077_x_at	MEIS3P1	0.005234	0.002437	0.014404
214081_at	PLXDC1	0.006043	0.008264	0.038409
214084_x_at	NCF1C	0.006349	0.001444	0.009341
214085_x_at	GLIPR1	0.006828	0.000816	0.005889
214088_s_at	FUT3	-0.02505	7.5E-14	1.31E-11
214091_s_at	GPX3	-0.00925	2.2E-09	8.1E-08
214095_at	SHMT2	-0.00993	8.78E-05	0.000887
214096_s_at	SHMT2	-0.00528	0.00323	0.018141
214104_at	GPR161	0.006744	6.81E-05	0.00071
214108_at	MAX	-0.00602	0.001697	0.010701
214109_at	LRBA	-0.00916	0.003079	0.017449
214111_at	OPCML	-0.00669	0.008508	0.039256
214116_at		-0.01074	4.15E-05	0.000463
214118_x_at	PCM1	0.004666	0.004777	0.024974
214121_x_at	PDLIM7	0.005674	0.004096	0.022006
214129_at	PDE4DIP	-0.00658	0.000116	0.001121
214130_s_at	PDE4DIP	-0.00766	0.005099	0.026297
214140_at	SLC25A16	-0.0074	0.001985	0.012189
214141_x_at	SRSF7	0.00716	0.000909	0.006449
214143_x_at	RPL24	0.004646	0.001206	0.00807
214155_s_at	LARP4	-0.00949	1.9E-05	0.000232
214156_at	MYRIP	-0.00922	0.002761	0.015941
214161_at	OSGIN2	-0.00474	0.002591	0.015144
214164_x_at	CA12	-0.00575	0.00211	0.01278
214170_x_at	FH	-0.01211	4.23E-12	4.19E-10
214174_s_at	PDLIM4	0.009218	0.000248	0.00215
214175_x_at	PDLIM4	0.010411	0.000109	0.001071
214179_s_at	NFE2L1	-0.00841	9.29E-05	0.000931
214180_at	MAN1C1	-0.01111	4.98E-06	7.16E-05
214181_x_at	LST1	0.023219	8.55E-10	3.61E-08
214182_at		0.003472	0.011147	0.048774
214189_s_at	GGA2	-0.00956	1.44E-05	0.000181
214190_x_at	GGA2	-0.00949	1.5E-05	0.000187
214203_s_at	PRODH	-0.01885	2.17E-11	1.67E-09
214204_at	PACRG	-0.00606	0.010494	0.046551
214211_at	FTH1	-0.00718	8.09E-05	0.000823
214212_x_at	FERMT2	-0.00611	0.001915	0.011827
214214_s_at	C1QBP	-0.00921	6.86E-07	1.26E-05
214219_x_at	MAP4K1	0.013147	1.58E-06	2.6E-05
214231_s_at	KIAA0564	-0.01498	5.65E-12	5.38E-10
214234_s_at	CYP3A5	-0.01488	4.15E-05	0.000463
214235_at	CYP3A5	-0.01243	4.24E-05	0.000471
214236_at	LOC100286895	0.007246	0.007416	0.035355

214239_x_at	PCGF2	-0.00402	0.011077	0.048556
214243_s_at	SERHL	0.005987	0.004147	0.022228
214247_s_at	DKK3	0.016003	1.33E-05	0.000169
214259_s_at	AKR7A2	-0.01045	1.14E-06	1.97E-05
214261_s_at	ADH6	-0.02464	1.21E-15	5.62E-13
214263_x_at	POLR2C	-0.00449	0.003028	0.0172
214268_s_at	MTMR4	-0.01134	7.09E-09	2.24E-07
214271_x_at	RPL12	0.005029	0.000969	0.00677
214274_s_at	ACAA1	-0.0238	8.38E-20	3.11E-16
214277_at	COX11	-0.01313	5.86E-05	0.000627
214285_at	FABP3	-0.01411	1.04E-06	1.82E-05
214290_s_at	HIST2H2AA3	0.012443	0.009564	0.043096
214298_x_at	SEPT6	0.00841	6.23E-05	0.00066
214300_s_at	TOP3A	-0.00547	0.009799	0.043984
214307_at	HGD	-0.01197	1.59E-08	4.47E-07
214308_s_at	HGD	-0.0165	1.23E-06	2.1E-05
214321_at	NOV	0.020138	2.73E-10	1.38E-08
214329_x_at	TNFSF10	0.009117	0.000496	0.003892
214331_at	TSMF	-0.00952	3.58E-05	0.000408
214332_s_at	TSMF	-0.01312	8.94E-09	2.71E-07
214339_s_at	MAP4K1	0.013909	3.02E-07	6.08E-06
214342_at	ATXN7L1	-0.01254	1.38E-06	2.31E-05
214343_s_at	ATXN7L1	-0.0149	2.6E-06	4.04E-05
214347_s_at	DDC	-0.01835	7.15E-05	0.00074
214351_x_at	RPL13	0.0077	0.008312	0.03856
214355_x_at	CTAGE15P	-0.00482	0.003926	0.021273
214365_at	TPM3	0.007214	0.000297	0.002499
214367_at	RASGRP2	0.007142	0.000555	0.00427
214369_s_at	RASGRP2	0.010706	9.08E-06	0.000121
214370_at	S100A8	0.012557	0.009917	0.044432
214374_s_at	PPFIBP1	0.007149	0.005149	0.026465
214382_at	UNC93A	-0.01017	0.001393	0.009077
214389_at	SLC5A12	-0.03301	2.27E-12	2.52E-10
214400_at	INSL3	0.005118	0.009644	0.043412
214414_x_at	HBA1	0.023735	0.002088	0.012681
214423_x_at	ALDOB	-0.02382	6.06E-08	1.44E-06
214424_s_at	ALDOB	-0.03474	9.82E-08	2.22E-06
214428_x_at	C4A	-0.00976	0.000727	0.005356
214433_s_at	SELENBP1	-0.02025	1.68E-15	6.81E-13
214434_at	HSPA12A	-0.01618	2.81E-12	2.97E-10
214437_s_at	SHMT2	-0.01166	0.00014	0.001318
214438_at	HLX	0.007338	0.000757	0.005526
214439_x_at	BIN1	-0.01189	2.02E-05	0.000245
214440_at	NAT1	-0.00879	0.000171	0.00157
214447_at	ETS1	0.008246	7.12E-05	0.000738
214450_at	CTSW	0.006687	0.000933	0.006583
214452_at	BCAT1	0.010341	0.001675	0.010576
214453_s_at	IFI44	0.021488	1.54E-09	5.93E-08
214454_at	ADAMTS2	0.007109	0.002135	0.012898

214456_x_at	SAA1	0.017544	6.99E-10	3.01E-08
214459_x_at	HLA-C	0.008156	0.004981	0.0258
214467_at	GPR65	0.009872	0.000298	0.002508
214469_at	HIST1H2AE	0.014271	6.5E-05	0.000683
214470_at	KLRB1	0.022377	1.11E-11	9.72E-10
214475_x_at	CAPN3	-0.02797	2.56E-12	2.74E-10
214480_at	ETV3	0.007479	0.010554	0.046771
214490_at	ARSF	-0.02289	3.24E-10	1.59E-08
214493_s_at	INADL	-0.00651	0.000597	0.004538
214494_s_at	SPG7	-0.00593	0.006163	0.030416
214499_s_at	BCLAF1	0.004628	0.001131	0.00766
214505_s_at	FHL1	0.017584	2.42E-05	0.000287
214511_x_at	FCGR1B	0.011288	4.21E-05	0.000468
214512_s_at	SUB1	0.006669	0.001094	0.007468
214533_at	CMA1	0.008712	7.22E-05	0.000747
214534_at	HIST1H1B	0.006634	0.000254	0.002193
214535_s_at	ADAMTS2	0.004448	0.0058	0.02899
214537_at	HIST1H1D	0.016091	1.63E-08	4.56E-07
214542_x_at	HIST1H2AI	0.010413	0.000429	0.003433
214543_x_at	QKI	0.006369	0.001909	0.011799
214545_s_at	PROSC	-0.00924	0.001308	0.008621
214549_x_at	SPRR1A	0.005259	0.005808	0.029015
214560_at	FPR3	0.018374	4.17E-07	8.09E-06
214562_at	HIST1H4L	0.004393	0.007868	0.036917
214567_s_at	XCL1	0.017568	7.15E-09	2.26E-07
214574_x_at	LST1	0.023155	1.89E-10	1.03E-08
214578_s_at	ROCK1	0.004682	0.010315	0.045867
214581_x_at	TNFRSF21	-0.01635	1.03E-06	1.81E-05
214583_at	DDI2	-0.00796	8.13E-06	0.00011
214587_at	COL8A1	0.009732	0.000263	0.002254
214591_at	KLHL4	0.010635	0.001549	0.0099
214596_at	CHRM3	-0.01382	0.00019	0.001713
214597_at	SSTR2	-0.01117	0.000245	0.002124
214598_at	CLDN8	-0.01319	1.67E-05	0.000207
214604_at	HOXD11	0.004562	0.01067	0.047168
214617_at	PRF1	0.011893	3.3E-07	6.58E-06
214632_at	NRP2	0.006244	0.001249	0.008293
214643_x_at	BIN1	-0.00903	0.000812	0.005869
214651_s_at	HOXA10	-0.00651	0.001232	0.008209
214668_at	C13orf1	-0.00653	0.003115	0.017596
214669_x_at	IGKC	0.038708	4.17E-09	1.39E-07
214676_x_at	MUC3A	0.010995	9.62E-05	0.000958
214677_x_at	IGLV1-44	0.042247	2.25E-08	6.05E-07
214679_x_at	GNA11	-0.00563	0.000801	0.005799
214681_at	GK	-0.02285	1.22E-12	1.48E-10
214686_at	ZNF266	0.00749	0.005474	0.027727
214693_x_at	NBPF10	0.008051	0.005934	0.02956
214696_at	C17orf91	-0.01665	8.78E-10	3.7E-08
214697_s_at	ROD1	0.007714	0.003814	0.020779

214698_at	ROD1	0.005586	0.003475	0.019256
214701_s_at	FN1	0.01299	0.000546	0.004217
214722_at	NOTCH2NL	0.008007	0.001515	0.00972
214723_x_at	ANKRD36	0.015017	1.31E-05	0.000166
214724_at	DIXDC1	-0.00824	0.000161	0.001493
214737_x_at	HNRNPC	0.00443	0.006524	0.031849
214743_at	CUX1	-0.00637	0.00318	0.01791
214749_s_at	ARMCX6	0.007308	0.000306	0.002558
214755_at	UAP1L1	-0.00962	3.16E-05	0.000365
214759_at	WTAP	0.005743	0.004607	0.02424
214761_at	ZNF423	0.00704	0.00175	0.010976
214763_at	ACOT11	-0.01777	1.35E-11	1.15E-09
214767_s_at	HSPB6	0.020003	5.46E-05	0.000588
214768_x_at	IGKV1-5	0.027919	1.13E-09	4.54E-08
214769_at	CLCN4	-0.0071	0.005454	0.027646
214776_x_at	XYLB	-0.02182	4.23E-12	4.19E-10
214777_at	IGKV4-1	0.02584	6.24E-11	4.03E-09
214778_at	MEGF8	-0.00663	0.001983	0.012178
214785_at	VPS13A	-0.01129	7.5E-05	0.000772
214786_at	MAP3K1	0.01206	9.85E-06	0.00013
214791_at	SP140L	0.016164	1.64E-07	3.53E-06
214792_x_at	VAMP2	-0.00416	0.009955	0.04454
214797_s_at	CDK18	-0.00899	4.21E-05	0.000468
214798_at	ATP2C2	-0.00529	0.001403	0.009127
214807_at		-0.01014	9.12E-06	0.000122
214821_at	SLC25A4	-0.00727	0.006072	0.030075
214826_at	PDE12	-0.00748	0.001761	0.011035
214827_at	PARD6B	-0.00737	5.14E-05	0.000558
214829_at	AASS	-0.01862	5.51E-07	1.04E-05
214830_at	SLC38A6	-0.00784	0.000696	0.005165
214832_at	HNF4A	-0.0179	5.65E-05	0.000606
214835_s_at	SUCLG2	-0.00736	0.007785	0.036687
214836_x_at	IGK@	0.030281	5.09E-08	1.25E-06
214842_s_at		-0.021	0.001393	0.009076
214844_s_at	DOK5	0.011768	0.000112	0.001088
214845_s_at	CALU	0.006977	0.006521	0.031841
214847_s_at	GPSM3	0.007193	0.000107	0.001047
214851_at	HNF4A	-0.00964	0.00206	0.012563
214857_at		-0.00472	0.009175	0.041743
214864_s_at	GRHPR	-0.01461	8.97E-10	3.75E-08
214869_x_at	GAPVD1	-0.00765	4.42E-05	0.000488
214883_at	THRA	-0.0049	0.003438	0.019101
214895_s_at	ADAM10	0.007836	0.001282	0.008465
214898_x_at	MUC3B	0.007239	0.000594	0.004517
214910_s_at	APOM	-0.02592	2.66E-07	5.42E-06
214916_x_at	IGHA1	0.025706	1.15E-10	6.82E-09
214919_s_at	ANKHD1-EIF4EBP3	-0.0076	0.000383	0.003104
214920_at	THSD7A	-0.00882	0.000941	0.006628
214923_at	ATP6V1D	-0.01403	1.2E-05	0.000154

214927_at	ITGBL1	0.015146	0.000239	0.002079
214937_x_at	PCM1	0.00418	0.003838	0.020879
214938_x_at	HMGB1	0.002668	0.006876	0.033242
214944_at	PHLPP2	-0.00737	0.002489	0.014644
214948_s_at	TMF1	0.00682	0.000674	0.005036
214949_at		0.005329	0.007447	0.035477
214951_at	SLC26A10	0.006486	0.003764	0.020559
214960_at	API5	-0.00777	0.007398	0.035284
214973_x_at	IGHD	0.031457	5.26E-10	2.38E-08
214992_s_at	DNASE2	0.004195	0.005078	0.026204
214994_at	APOBEC3F	0.008582	0.000454	0.003603
214995_s_at	APOBEC3F	0.00788	0.005559	0.028069
214999_s_at	RAB11FIP3	-0.03209	7.46E-11	4.71E-09
215001_s_at	GLUL	0.005111	0.000161	0.001493
215003_at	DGCR9	-0.00671	0.000939	0.006623
215005_at	NECAB2	-0.01996	3.91E-09	1.32E-07
215022_x_at	ZNF33B	-0.00637	0.0103	0.045824
215034_s_at	TM4SF1	0.010122	0.000257	0.002216
215035_at	IGLV6-57	0.007014	0.000337	0.00278
215036_at		0.017594	3.87E-08	9.74E-07
215039_at	HS2ST1	0.009359	0.001108	0.007542
215043_s_at	SMA4	0.010502	0.011189	0.04892
215045_at	CELF3	-0.00811	2.36E-05	0.000281
215049_x_at	CD163	0.023555	4.28E-09	1.42E-07
215051_x_at	AIF1	0.011723	1.8E-05	0.000221
215058_at	DENND5B	-0.00787	0.000751	0.005492
215059_at		-0.01582	0.002526	0.01481
215071_s_at	HIST1H2AC	-0.00809	0.005039	0.026034
215073_s_at	NR2F2	0.007216	0.000672	0.005026
215076_s_at	COL3A1	0.023793	7.76E-07	1.4E-05
215088_s_at	SDHC	-0.00588	2.72E-07	5.54E-06
215096_s_at	ESD	-0.00376	0.005174	0.026546
215118_s_at	IGHA1	0.010354	7.9E-06	0.000108
215121_x_at	IGLC7	0.038698	2.99E-09	1.06E-07
215125_s_at	UGT1A1	-0.02168	1.58E-10	8.85E-09
215128_at		-0.00815	0.002176	0.013099
215136_s_at	EXOSC8	0.00514	0.004505	0.023792
215144_at		0.004483	0.010972	0.048193
215149_at		-0.01188	0.002009	0.012296
215176_x_at	IGK@	0.043917	3.06E-10	1.51E-08
215177_s_at	ITGA6	-0.00851	2.77E-06	4.28E-05
215188_at	STK24	-0.00948	0.006566	0.032008
215193_x_at	HLA-DRB1	0.018085	0.000265	0.002274
215194_at	PRKCA	-0.00921	0.003736	0.02044
215195_at	PRKCA	-0.00552	0.007586	0.035981
215198_s_at	CALD1	-0.00693	0.002089	0.012683
215210_s_at	DLST	-0.01376	1.95E-10	1.06E-08
215214_at	IGL@	0.018826	7.05E-07	1.28E-05
215217_at	IGKC	0.045895	1.92E-10	1.04E-08

215222_x_at	MACF1	0.005109	0.010153	0.045298
215227_x_at	ACP1	-0.00479	0.004429	0.023445
215233_at	JMJD6	-0.00724	0.007498	0.035655
215239_x_at	ZNF273	0.005914	2.43E-06	3.82E-05
215243_s_at	GJB3	0.004314	0.010306	0.045842
215274_at	SLC12A3	-0.02346	7.93E-09	2.45E-07
215286_s_at	PHTF2	0.008202	4.94E-05	0.00054
215291_at	MKL1	0.005788	0.002635	0.015361
215292_s_at	MKL1	0.010661	0.001621	0.010282
215300_s_at	FMO5	-0.02099	3.15E-07	6.32E-06
215313_x_at	HLA-A	0.00721	0.000284	0.002407
215321_at	RUNDC3B	-0.00624	0.003932	0.021292
215338_s_at	NKTR	0.006402	0.005898	0.029394
215345_x_at		0.004842	0.006305	0.030999
215363_x_at	FOLH1	-0.03555	3.79E-14	7.48E-12
215379_x_at	IGLC7	0.034138	2.54E-08	6.73E-07
215382_x_at	LOC100507804	0.022213	3.96E-10	1.87E-08
215384_s_at	MAP1A	0.005559	0.006853	0.033144
215388_s_at	CFH	0.023062	6.75E-10	2.92E-08
215389_s_at	TNNT2	-0.01175	0.008266	0.038411
215422_at		-0.00891	3.24E-06	4.9E-05
215423_at		-0.00758	0.004011	0.02166
215425_at	BTG3	0.008299	0.000561	0.004307
215436_at	HSDL2	-0.01361	3.13E-05	0.000362
215450_at	SNRPE	0.004578	0.000257	0.002218
215452_x_at	SUMO4	0.004034	0.004313	0.022962
215471_s_at	MAP7	-0.01528	5.14E-08	1.25E-06
215485_s_at	ICAM1	0.010681	0.003228	0.018136
215490_at	C1orf69	-0.00826	0.00014	0.001317
215493_x_at	BTN2A1	0.006769	0.002697	0.015642
215499_at	MAP2K3	-0.00645	0.000169	0.001553
215501_s_at	DUSP10	0.004944	0.011509	0.049998
215502_at		0.004864	0.003497	0.019349
215524_x_at	TRAC	0.008541	4.78E-05	0.000524
215535_s_at	AGPAT1	-0.008	7.89E-05	0.000806
215552_s_at	ESR1	0.00472	0.006506	0.031781
215559_at	ABCC6	-0.02652	6.25E-14	1.11E-11
215565_at		0.010862	0.000278	0.002362
215603_x_at	GGT1	-0.01118	1.03E-05	0.000136
215621_s_at	IGHD	0.009526	0.002247	0.013477
215633_x_at	LST1	0.017266	1.71E-09	6.47E-08
215646_s_at	VCAN	0.039454	2.11E-10	1.13E-08
215649_s_at	MVK	-0.00615	0.006437	0.031501
215669_at	HLA-DRB4	0.00629	0.008298	0.038527
215672_s_at	AHCYL2	-0.0126	6.69E-05	0.0007
215690_x_at	GPAA1	-0.00363	0.006897	0.033331
215692_s_at	MPPED2	-0.01045	0.000261	0.002243
215706_x_at	ZYX	0.008796	0.001214	0.00811
215707_s_at	PRNP	-0.01295	3.34E-05	0.000383

215708_s_at	PRIM2	0.007582	0.005544	0.028009
215719_x_at	FAS	0.01947	9.72E-10	4E-08
215723_s_at	PLD1	-0.00718	0.000675	0.00504
215726_s_at	CYB5A	-0.01898	4.76E-16	2.79E-13
215731_s_at	MPHOSPH9	-0.0073	0.000504	0.003943
215732_s_at	DTX2	0.006127	0.001617	0.010267
215739_s_at	TUBGCP3	-0.009	0.001569	0.010013
215758_x_at	ZNF93	0.00661	0.000309	0.002578
215760_s_at	SBNO2	0.005004	0.005057	0.026122
215772_x_at	SUCLG2	-0.0171	1.49E-12	1.75E-10
215774_s_at	SUCLG2	-0.01228	0.000658	0.004938
215775_at		0.013166	0.00012	0.001152
215777_at	IGLV4-60	0.006571	0.000699	0.005181
215779_s_at	HIST1H2BG	0.009852	0.007662	0.036237
215783_s_at	ALPL	-0.01972	1.55E-08	4.38E-07
215784_at	CD1E	0.029697	3.21E-11	2.34E-09
215785_s_at	CYFIP2	-0.01593	1.86E-10	1.02E-08
215787_at	ACTA2	0.01784	7.96E-05	0.000812
215792_s_at	DNAJC11	-0.00808	4.33E-06	6.35E-05
215794_x_at	GLUD2	-0.01435	1.89E-06	3.05E-05
215796_at		0.007072	0.000906	0.006438
215798_at	ALDH1L1	-0.00737	0.002168	0.013062
215812_s_at	SLC6A10P	-0.01271	0.001233	0.008215
215853_at		0.013499	0.000967	0.00676
215867_x_at	CA12	-0.00707	0.002508	0.014727
215881_x_at	SSX2	0.005113	0.01094	0.048089
215886_x_at	USP12	-0.00385	0.010399	0.046186
215891_s_at	GM2A	0.007677	0.01013	0.045226
215903_s_at	MAST2	-0.00642	0.004722	0.024718
215909_x_at	MINK1	-0.00558	0.001268	0.008384
215930_s_at	CTAGE5	-0.00722	3.91E-05	0.000441
215931_s_at	ARFGEF2	-0.00592	0.00719	0.034503
215946_x_at	IGLL3P	0.02238	1.25E-07	2.78E-06
215949_x_at	IGHM	0.011623	5.89E-05	0.00063
215959_at	PPFIBP2	-0.00828	0.001452	0.009392
215966_x_at	GK3P	-0.0227	6.81E-10	2.94E-08
215967_s_at	LY9	0.010368	4.08E-05	0.000457
215975_x_at		-0.01898	8.75E-07	1.56E-05
215977_x_at	GK	-0.02376	3.09E-08	8E-07
215990_s_at	BCL6	0.007434	0.008244	0.038341
215991_s_at	KIAA0090	-0.00715	0.004124	0.022125
215996_at		0.004665	0.009622	0.043321
216024_at	DNM2	-0.00966	4.48E-08	1.11E-06
216031_x_at	HN1L	0.009241	0.000442	0.003527
216033_s_at	FYN	-0.0098	0.010645	0.04709
216036_x_at	WDTC1	-0.00655	9.2E-06	0.000123
216056_at	CD44	0.007868	0.008176	0.038094
216062_at	LOC100507164	0.010262	0.004315	0.022965
216079_at	EPM2A	-0.00508	0.007194	0.034509

216092_s_at	SLC7A8	-0.02579	6.12E-11	3.96E-09
216134_at	FRMD4B	-0.00626	0.010969	0.048193
216150_at		0.005157	0.008978	0.040977
216179_x_at		-0.01271	1.01E-08	3.02E-07
216191_s_at	TRDV3	0.016146	1.28E-07	2.82E-06
216207_x_at	IGKC	0.030912	1.52E-10	8.57E-09
216212_s_at	DKC1	0.006665	0.000985	0.006863
216218_s_at	PLCL2	-0.01109	4.75E-05	0.000522
216219_at	AQP6	-0.00776	0.009426	0.042608
216223_at	CPN2	-0.03222	1.16E-11	1.01E-09
216224_s_at	HDAC6	-0.01132	9.96E-10	4.07E-08
216230_x_at	SMPD1	-0.0088	0.002626	0.015321
216231_s_at	B2M	0.013953	1.81E-05	0.000223
216235_s_at	EDNRA	0.00908	0.000638	0.004806
216236_s_at	SLC2A14	0.00802	0.006499	0.031754
216237_s_at	MCM5	0.006908	0.00025	0.002166
216246_at		0.004005	0.002136	0.012898
216250_s_at	LPXN	0.006865	0.002126	0.012855
216252_x_at	FAS	0.01514	2.43E-08	6.48E-07
216274_s_at	SEC11A	0.003507	0.004183	0.022418
216301_at	LOC100287927	0.007664	5.35E-05	0.000578
216305_s_at	C2orf3	-0.00792	0.000245	0.002126
216307_at	DGKB	-0.00771	0.001988	0.012202
216308_x_at	GRHPR	-0.0161	4.01E-09	1.34E-07
216316_x_at	GK	-0.01767	4.8E-07	9.16E-06
216318_at	IGHA1	0.016567	8E-10	3.41E-08
216320_x_at	MST1	-0.01176	4.01E-05	0.00045
216329_at		0.006133	0.007765	0.036623
216333_x_at	TNXA	0.008491	0.000594	0.004517
216342_x_at		0.004433	9.15E-05	0.00092
216363_at		0.005873	0.001365	0.00894
216365_x_at	IGLV3-19	0.014041	1.5E-10	8.5E-09
216366_x_at		0.011517	9.06E-06	0.000121
216367_at	COL4A3	0.005269	0.003083	0.01746
216379_x_at	CD24	0.010534	5.93E-07	1.1E-05
216381_x_at	AKR7A3	-0.02901	2.28E-14	4.99E-12
216384_x_at	LOC441454	0.006479	1.37E-05	0.000174
216387_x_at		0.002973	0.005617	0.028273
216394_x_at		0.008813	8.83E-06	0.000118
216401_x_at		0.02118	3.19E-08	8.19E-07
216411_s_at	GALK2	-0.00557	0.001207	0.00807
216412_x_at	IGLV1-40	0.00925	1.09E-05	0.000142
216417_x_at	HOXB9	0.013046	0.000528	0.004113
216425_at		-0.00942	0.000583	0.004457
216428_x_at	KIR3DX1	0.01182	0.002141	0.012924
216438_s_at	TMSB4X	0.019016	4.81E-11	3.27E-09
216442_x_at	FN1	0.013028	2.21E-05	0.000265
216445_at		0.005439	0.002665	0.015499
216452_at	TRPM3	-0.01708	7.32E-11	4.64E-09

216474_x_at	TPSAB1	0.026187	3.28E-14	6.68E-12
216484_x_at	HDGF	-0.00402	0.001466	0.009461
216485_s_at	TPSAB1	0.009788	2.21E-05	0.000265
216489_at	TRPM3	-0.0183	5.78E-09	1.86E-07
216491_x_at	IGHM	0.028446	3.28E-08	8.4E-07
216495_x_at		0.010712	1.1E-06	1.92E-05
216504_s_at	SLC39A8	-0.00868	0.011139	0.048764
216505_x_at		0.00823	0.000185	0.001672
216510_x_at	IGHA1	0.022544	6.22E-08	1.47E-06
216515_x_at	MIR1244-1	0.008	2.14E-07	4.48E-06
216526_x_at	HLA-C	0.008216	3.17E-05	0.000366
216541_x_at	IGHG1	0.011609	5.63E-06	8.01E-05
216542_x_at	IGHA1	0.028509	9.05E-10	3.78E-08
216557_x_at	IGHA1	0.029738	2.07E-09	7.71E-08
216559_x_at	HNRNPA1	0.002199	0.006624	0.032225
216560_x_at	IGL@	0.018522	7.77E-09	2.41E-07
216563_at	ANKRD12	0.004616	0.005991	0.029782
216565_x_at		0.017108	9.59E-10	3.95E-08
216566_at		0.010543	3.82E-05	0.000431
216576_x_at	IGK@	0.036696	2.02E-10	1.09E-08
216595_at	FAM186A	-0.02064	6.4E-05	0.000673
216598_s_at	CCL2	0.020491	4.21E-05	0.000468
216599_x_at	SLC22A6	-0.02945	1.1E-08	3.22E-07
216600_x_at	ALDOB	-0.02224	3.1E-07	6.21E-06
216603_at	SLC7A8	-0.0254	0.000177	0.00161
216604_s_at	SLC7A8	-0.0243	9.05E-09	2.74E-07
216605_s_at	CEACAM21	0.00506	0.010096	0.04511
216609_at	TXN	-0.00947	7.28E-09	2.28E-07
216611_s_at	SLC6A2	-0.00447	0.009364	0.042391
216632_at	NAV3	0.005652	0.008608	0.039614
216633_s_at	PLCH1	0.005266	0.000862	0.006165
216638_s_at	PRLR	-0.02773	1.29E-10	7.5E-09
216663_s_at	ZMYND10	0.005476	0.000961	0.006725
216681_at		0.005608	0.008542	0.03939
216693_x_at	HDGFRP3	0.006195	0.006018	0.02988
216696_s_at	PRODH2	-0.02609	1.47E-07	3.18E-06
216699_s_at	KLK1	-0.01536	0.000254	0.002195
216708_x_at	LOC100287927	0.025057	5.72E-11	3.77E-09
216714_at	CCL13	0.010138	0.000127	0.001213
216733_s_at	GATM	-0.01794	1.01E-10	6.11E-09
216738_at		0.006158	0.002691	0.015609
216806_at		0.005802	9.38E-05	0.000938
216823_at	RPS3A	0.006434	0.000279	0.002369
216829_at	IGK@	0.006365	0.001378	0.009013
216831_s_at	RUNX1T1	0.007193	0.000295	0.002482
216834_at	RGS1	0.017097	1.59E-05	0.000197
216835_s_at	DOK1	0.008205	3.03E-06	4.63E-05
216840_s_at	LAMA2	0.009644	0.001065	0.007302
216852_x_at	IGL@	0.017651	3.71E-08	9.39E-07

216853_x_at	IGLV3-19	0.015491	2.58E-09	9.33E-08
216865_at	COL14A1	0.017284	3.68E-09	1.25E-07
216866_s_at	COL14A1	0.021042	3.61E-09	1.22E-07
216874_at	DKFZp686O1327	-0.00614	0.009975	0.044616
216878_x_at	HAB1	-0.00492	0.007559	0.035868
216885_s_at	DCAF8	-0.00479	0.003016	0.017138
216886_at	CHRNA4	-0.01481	2.51E-07	5.14E-06
216889_s_at	HNF4A	-0.01487	1.25E-06	2.12E-05
216892_at	IGHG1	0.005045	0.002558	0.014978
216901_s_at	IKZF1	0.003931	0.007847	0.036864
216903_s_at	CBARA1	-0.01695	3.17E-11	2.33E-09
216910_at	XPNPEP2	-0.04618	1.75E-13	2.71E-11
216920_s_at	TARP	0.007416	0.006359	0.031231
216944_s_at	ITPR1	-0.00667	0.003651	0.020063
216945_x_at	PASK	0.005456	0.002081	0.012661
216946_at	HLA-DOA	0.003658	0.007895	0.037028
216951_at	FCGR1A	0.005798	0.005032	0.026003
216953_s_at	WT1	-0.00926	0.004669	0.024506
216954_x_at	ATP5O	-0.00309	0.002852	0.016357
216958_s_at	IVD	-0.00927	0.000271	0.00231
216961_s_at	RPAIN	-0.00608	0.000398	0.003214
216962_at	RPAIN	-0.01248	1.02E-10	6.13E-09
216969_s_at	KIF22	0.006078	0.001059	0.007269
216973_s_at	HOXB7	0.007971	0.008409	0.038954
216984_x_at	IGLV2-23	0.020552	2.13E-09	7.9E-08
216985_s_at	STX3	-0.0085	0.000244	0.002123
216986_s_at	IRF4	0.006101	0.007707	0.036422
216988_s_at	PTP4A2	0.005188	0.001503	0.009672
217014_s_at	AZGP1	-0.03332	1.97E-08	5.4E-07
217022_s_at	IGHA1	0.045687	4.12E-11	2.87E-09
217023_x_at	TPSAB1	0.021925	1.95E-13	2.94E-11
217028_at	CXCR4	0.030596	3.76E-10	1.81E-08
217034_at		0.00551	0.002267	0.013576
217036_at		0.018188	8.06E-09	2.48E-07
217053_x_at	ETV1	0.007298	0.000288	0.002438
217061_s_at	ETV1	0.007267	0.000104	0.001025
217106_x_at	DIMT1L	0.005798	0.005424	0.02755
217118_s_at	C22orf9	0.006166	0.00082	0.00591
217127_at	CTH	-0.01777	3.26E-09	1.13E-07
217133_x_at	CYP2B6	-0.01154	5.03E-05	0.000549
217138_x_at		0.045242	7.37E-10	3.15E-08
217140_s_at	VDAC1	-0.00721	4.21E-06	6.2E-05
217143_s_at	TRD@	0.005513	0.007569	0.035907
217147_s_at	TRAT1	0.007984	0.005672	0.028503
217148_x_at		0.035281	6.07E-11	3.95E-09
217156_at		-0.0048	0.011106	0.048654
217157_x_at	IGK@	0.026032	1.5E-10	8.5E-09
217159_x_at	SIGLEC7	0.005452	0.001935	0.011933
217167_x_at	GK	-0.02202	1.44E-08	4.12E-07

217178_at	RARG	0.005396	0.01046	0.046418
217179_x_at		0.014826	1.46E-07	3.17E-06
217180_at		0.010783	2.82E-06	4.33E-05
217192_s_at	PRDM1	0.012674	1.7E-05	0.00021
217193_x_at		0.01504	3.44E-07	6.8E-06
217218_at	WAPAL	-0.00519	0.005191	0.026604
217222_at	IGHG1	0.015453	1.81E-05	0.000223
217225_x_at	NOMO1	-0.00435	0.002844	0.01633
217227_x_at	IGLV1-40	0.010005	7.01E-06	9.71E-05
217235_x_at	IGLL5	0.028804	3.2E-12	3.31E-10
217236_x_at	IGHA1	0.008628	6.74E-06	9.38E-05
217238_s_at	ALDOB	-0.02252	2.17E-08	5.86E-07
217239_x_at	LOC100508797	0.012414	2.14E-05	0.000258
217248_s_at	SLC7A8	-0.0315	2E-09	7.52E-08
217251_x_at		0.027248	1.6E-08	4.49E-07
217256_x_at		0.004449	0.00068	0.005064
217257_at	SH3BP2	-0.01868	1.03E-10	6.2E-09
217258_x_at	IGLV1-40	0.014634	1.15E-07	2.58E-06
217260_x_at	IGHG1	0.028887	1.07E-09	4.3E-08
217281_x_at	IGHA1	0.027505	4.13E-09	1.38E-07
217288_at		-0.015	9.36E-09	2.82E-07
217313_at		0.007909	9.03E-06	0.000121
217319_x_at	CYP4A22	-0.02457	1.86E-10	1.02E-08
217320_at		0.008845	0.00128	0.008455
217328_at		0.006953	1.19E-06	2.04E-05
217336_at	RPS10	0.003614	0.011379	0.049482
217352_at		-0.00496	0.006803	0.032941
217356_s_at	PGK1	-0.00742	0.002071	0.012612
217360_x_at	IGHA1	0.010443	8.42E-06	0.000114
217362_x_at	HLA-DRB6	0.010973	5.65E-05	0.000606
217367_s_at	ZHX3	-0.00757	0.009877	0.044282
217369_at	IGHG1	0.006032	0.004364	0.023175
217378_x_at		0.030966	1.17E-09	4.65E-08
217379_at		0.004732	0.008485	0.039182
217384_x_at	IGHV3-48	0.006249	0.000658	0.004937
217388_s_at	KYNU	-0.01964	1.38E-08	3.97E-07
217408_at	MRPS18B	-0.00554	0.000242	0.002105
217416_x_at		-0.00446	0.001386	0.009054
217418_x_at	MS4A1	0.023405	3.34E-07	6.66E-06
217419_x_at	AGRN	0.010064	0.000171	0.001568
217422_s_at	CD22	0.008276	0.000207	0.001843
217427_s_at	HIRA	-0.01134	0.000183	0.001663
217436_x_at	HLA-A	0.009051	0.001634	0.010359
217444_at		-0.0034	0.010756	0.047446
217455_s_at	SSTR2	-0.00903	0.001677	0.01059
217456_x_at	HLA-E	0.009119	0.00013	0.001238
217463_s_at	C11orf9	0.007691	0.000731	0.005376
217465_at	NCKAP1	-0.00563	0.007478	0.035582
217478_s_at	HLA-DMA	0.015894	0.000212	0.001876

217480_x_at	IGKC	0.024252	1.69E-08	4.7E-07
217483_at	FOLH1	-0.02236	5.2E-12	5.04E-10
217487_x_at	FOLH1	-0.014	1.36E-05	0.000172
217491_x_at	COX7C	-0.00349	0.000376	0.003054
217492_s_at	PTEN	0.00484	0.002641	0.015396
217496_s_at	IDE	-0.00575	0.003118	0.017608
217501_at	CIAO1	-0.00991	0.000158	0.001463
217502_at	IFIT2	0.006494	0.002548	0.014928
217503_at	STK17B	0.0217	3.21E-09	1.12E-07
217504_at	ABCA6	0.012232	0.000503	0.003943
217511_at	KAZALD1	0.005439	0.00298	0.016976
217512_at	KNG1	-0.02352	6.7E-10	2.91E-08
217513_at	C17orf60	0.007496	0.000477	0.003756
217517_x_at	SRPK2	0.004366	0.003546	0.019568
217526_at	NFATC2IP	-0.0071	0.003827	0.020832
217530_at	SLC34A1	-0.02854	3.2E-11	2.34E-09
217534_at	FAM49B	0.006166	0.003821	0.020805
217555_at	SMC1A	-0.00659	0.001052	0.007235
217583_at	PAH	-0.02181	5.91E-08	1.41E-06
217595_at	GSPT1	-0.00648	0.006471	0.031654
217599_s_at	MDFIC	0.0053	0.001912	0.01181
217605_at	USP27X	-0.00491	0.003647	0.020048
217606_at		-0.00665	0.007308	0.034951
217612_at	TIMM50	-0.00689	0.006643	0.032297
217645_at	COX16	-0.00763	0.000914	0.006474
217647_at		-0.00783	0.005578	0.028145
217728_at	S100A6	0.021648	1.78E-14	4.46E-12
217733_s_at	TMSB10	0.022282	2.29E-08	6.13E-07
217736_s_at	EIF2AK1	-0.00593	0.005673	0.028503
217737_x_at	C20orf43	-0.00495	0.006109	0.030211
217744_s_at	PERP	0.010027	9.73E-05	0.000968
217747_s_at	RPS9	0.017188	0.008154	0.038008
217748_at	ADIPOR1	-0.00573	0.00021	0.001865
217751_at	GSTK1	-0.0083	4.12E-05	0.000461
217752_s_at	CNDP2	-0.00817	1.76E-09	6.63E-08
217754_at	DDX56	-0.00712	3.05E-05	0.000353
217755_at	HN1	0.009102	8.21E-05	0.000834
217757_at	A2M	0.015913	3.42E-07	6.77E-06
217761_at	ADI1	-0.01263	9.99E-07	1.76E-05
217762_s_at	RAB31	0.01502	4.3E-08	1.08E-06
217763_s_at	RAB31	0.012501	4.03E-05	0.000453
217764_s_at	RAB31	0.011009	0.000267	0.002288
217767_at	C3	0.02713	3.32E-08	8.5E-07
217772_s_at	MTCH2	-0.01116	1.26E-09	4.97E-08
217773_s_at	NDUFA4	-0.00334	0.007189	0.034503
217775_s_at	RDH11	-0.00891	2.27E-07	4.72E-06
217776_at	RDH11	-0.00736	5.81E-05	0.000622
217777_s_at	PTPLAD1	-0.00854	0.003965	0.021448
217782_s_at	GPS1	-0.00822	0.000369	0.003

217788_s_at	GALNT2	-0.00939	6.85E-05	0.000713
217792_at	SNX5	-0.00914	8.93E-07	1.59E-05
217794_at	PRR13	-0.00605	2.75E-06	4.25E-05
217795_s_at	TMEM43	0.00826	0.000266	0.002275
217796_s_at	NPLOC4	-0.01004	0.000103	0.001015
217806_s_at	POLDIP2	-0.00689	0.001786	0.011163
217807_s_at	GLTSCR2	0.004168	0.003784	0.020638
217808_s_at	MAPKAP1	-0.01036	5.2E-07	9.82E-06
217809_at	BZW2	0.00674	0.000318	0.002646
217820_s_at	ENAH	0.008758	0.000752	0.005495
217823_s_at	UBE2J1	0.005324	0.003526	0.019471
217830_s_at	NSFL1C	-0.00581	0.003104	0.017559
217838_s_at	EVL	0.010336	1.4E-06	2.33E-05
217839_at	TFG	-0.0048	0.005205	0.026656
217844_at	CTDSP1	-0.00572	0.005691	0.028564
217850_at	GNL3	0.00857	7.77E-06	0.000106
217853_at	TNS3	-0.00712	0.001881	0.011643
217860_at	NDUFA10	-0.00728	0.006258	0.030797
217861_s_at	PREB	-0.00536	0.001088	0.007436
217864_s_at	PIAS1	0.007486	0.002903	0.016603
217866_at	CPSF7	-0.00647	6.74E-05	0.000704
217868_s_at	METTL9	-0.0052	0.001505	0.009676
217869_at	HSD17B12	-0.00334	0.002298	0.013711
217874_at	SUCLG1	-0.01732	1.19E-15	5.62E-13
217882_at	TMEM111	-0.00646	0.008045	0.037586
217889_s_at	CYBRD1	0.012291	0.000302	0.002531
217895_at	PTCD3	-0.00521	0.002367	0.014055
217900_at	IARS2	-0.01047	2.54E-08	6.73E-07
217904_s_at	BACE1	-0.00681	0.001346	0.008831
217906_at	KLHDC2	-0.00805	1.35E-05	0.00017
217910_x_at	MLX	-0.00604	0.000604	0.004579
217911_s_at	BAG3	-0.01536	9.35E-08	2.14E-06
217912_at	DUS1L	-0.00626	0.00179	0.011182
217913_at	VPS4A	-0.00637	0.000466	0.003686
217914_at	TPCN1	-0.01383	2.32E-08	6.2E-07
217915_s_at	RSL24D1	0.007192	0.000293	0.00247
217925_s_at	C6orf106	-0.00723	0.000199	0.001779
217931_at	CNPY3	0.010128	0.000324	0.002689
217933_s_at	LAP3	-0.00923	6.46E-07	1.19E-05
217935_s_at	UQCC	-0.01043	6.9E-06	9.56E-05
217939_s_at	AFTPH	-0.00584	0.00095	0.006665
217940_s_at	CARKD	-0.0073	1.5E-07	3.25E-06
217942_at	MRPS35	-0.00838	2.54E-05	0.0003
217944_at	POMGNT1	-0.00761	6.67E-07	1.22E-05
217946_s_at	SAE1	0.004064	0.01132	0.049303
217947_at	CMTM6	0.007629	4.77E-05	0.000524
217955_at	BCL2L13	-0.01153	1.59E-06	2.62E-05
217961_at	SLC25A38	-0.00643	0.002779	0.016017
217964_at	TTC19	-0.00712	3.32E-05	0.000382

217966_s_at	FAM129A	0.021181	6.68E-10	2.91E-08
217967_s_at	FAM129A	0.016423	1.05E-08	3.1E-07
217968_at	TSSC1	-0.00483	0.001393	0.009076
217972_at	CHCHD3	-0.00438	0.003373	0.018797
217973_at	DCXR	-0.02638	2.63E-12	2.79E-10
217974_at	TM7SF3	-0.01606	0.000226	0.001988
217976_s_at	DYNC1LI1	-0.00631	0.001732	0.010883
217977_at	SEPX1	-0.01848	2.05E-08	5.58E-07
217979_at	TSPAN13	0.013087	5.11E-05	0.000555
217980_s_at	MRPL16	-0.00753	3.49E-06	5.24E-05
217984_at	RNASET2	0.01197	5.44E-08	1.31E-06
217985_s_at	BAZ1A	0.008437	0.001035	0.007148
217986_s_at	BAZ1A	0.011957	7.59E-05	0.000781
217988_at	CCNB1IP1	-0.0065	0.000777	0.005641
217989_at	HSD17B11	-0.00761	0.00144	0.009323
218002_s_at	CXCL14	-0.0099	0.002801	0.016125
218003_s_at	FKBP3	0.003064	0.00896	0.040936
218019_s_at	PDXK	-0.0115	2.07E-05	0.00025
218021_at	DHRS4	-0.02139	3.11E-06	4.72E-05
218022_at	VRK3	-0.00882	0.001775	0.011108
218024_at	BRP44L	-0.00847	3.67E-05	0.000416
218025_s_at	PECI	-0.01555	9.46E-10	3.93E-08
218035_s_at	RBM47	-0.00978	1.24E-06	2.11E-05
218049_s_at	MRPL13	-0.00673	0.002307	0.013754
218057_x_at	COX4NB	-0.00581	0.003474	0.019255
218066_at	SLC12A7	-0.00821	2.81E-06	4.33E-05
218068_s_at	ZNF672	-0.0071	0.000519	0.004043
218069_at	DCTPP1	0.0047	0.006418	0.031448
218071_s_at	MKRN2	-0.00815	2.69E-05	0.000315
218072_at	COMMD9	-0.00664	0.002811	0.016172
218084_x_at	FXDY5	0.021566	7.56E-09	2.35E-07
218086_at	NPDC1	0.011158	1.16E-06	1.99E-05
218094_s_at	DBNDD2	0.011705	1.45E-05	0.000183
218096_at	AGPAT5	-0.00734	0.000944	0.006635
218098_at	ARFGEF2	-0.00647	0.00013	0.001236
218099_at	TEX2	-0.01129	4.77E-08	1.18E-06
218102_at	DERA	-0.01338	1.02E-13	1.7E-11
218112_at	MRPS34	-0.00557	0.009476	0.042788
218116_at	C9orf78	-0.00557	9.75E-06	0.000129
218124_at	RETSAT	-0.01221	7.31E-09	2.29E-07
218126_at	FAM82A2	-0.00792	6.81E-05	0.00071
218132_s_at	TSEN34	-0.0049	0.005778	0.028894
218138_at	MKKS	-0.00678	0.005974	0.029706
218139_s_at	MUDENG	-0.00756	0.005165	0.026531
218145_at	TRIB3	0.005187	0.005309	0.027096
218150_at	ARL5A	-0.00633	0.004868	0.025339
218157_x_at	CDC42SE1	0.008489	0.001716	0.010802
218162_at	OLFML3	0.012775	1.08E-05	0.00014
218165_at	MEAF6	0.005273	0.002509	0.014729

218167_at	AMZ2	-0.00909	1.45E-07	3.15E-06
218168_s_at	ADCK3	-0.01194	4.09E-06	6.04E-05
218170_at	ISOC1	-0.0081	6.38E-05	0.000672
218175_at	CCDC92	-0.00541	0.001211	0.00809
218182_s_at	CLDN1	0.021457	1.7E-08	4.73E-07
218192_at	IP6K2	0.007097	2.51E-06	3.92E-05
218194_at	REXO2	-0.00846	1.28E-08	3.7E-07
218195_at	C6orf211	-0.00591	0.0016	0.010186
218204_s_at	FYCO1	-0.00637	0.00186	0.011534
218205_s_at	MKNK2	-0.00468	0.008362	0.038753
218208_at	PQLC1	-0.00579	0.011459	0.049801
218211_s_at	MLPH	0.008656	0.00113	0.007659
218217_at	SCPEP1	-0.00646	0.004959	0.025716
218219_s_at	LANCL2	-0.01069	0.000316	0.002633
218223_s_at	PLEKHO1	0.009884	3.86E-06	5.73E-05
218225_at	ECSIT	-0.00644	0.001434	0.009292
218231_at	NAGK	0.010692	0.003471	0.019245
218232_at	C1QA	0.014356	2.14E-07	4.48E-06
218237_s_at	SLC38A1	0.012081	0.000741	0.005438
218245_at	TSKU	-0.01777	5.44E-11	3.64E-09
218249_at	ZDHHC6	-0.00426	0.007755	0.036589
218253_s_at	LGTN	-0.00573	0.002439	0.014412
218254_s_at	SAR1B	-0.01021	4.89E-07	9.31E-06
218261_at	AP1M2	-0.00846	0.006476	0.031671
218264_at	BCCIP	-0.00799	0.000724	0.005339
218270_at	MRPL24	-0.00502	0.002428	0.014372
218272_at	TTC38	-0.01609	1.38E-09	5.36E-08
218274_s_at	ANKZF1	0.005366	0.00637	0.031272
218275_at	SLC25A10	-0.01396	2.6E-10	1.33E-08
218279_s_at	HIST2H2AA3	0.011457	0.002122	0.012834
218285_s_at	BDH2	-0.01124	1.62E-09	6.17E-08
218289_s_at	UBA5	-0.00556	0.003248	0.018217
218292_s_at	PRKAG2	-0.00652	0.002207	0.013255
218298_s_at	C14orf159	-0.00668	0.000435	0.003472
218307_at	RSAD1	-0.00865	6.9E-05	0.000718
218308_at	TACC3	0.00535	0.000987	0.006872
218309_at	CAMK2N1	-0.00412	0.000609	0.004609
218313_s_at	GALNT7	0.007663	0.001247	0.008283
218316_at	TIMM9	-0.00567	0.002468	0.014544
218322_s_at	ACSL5	0.011617	1.26E-09	4.96E-08
218326_s_at	LGR4	-0.00553	0.010932	0.048067
218328_at	COQ4	-0.0065	0.004344	0.0231
218329_at	PRDM4	-0.00926	0.000899	0.006395
218341_at	PPCS	-0.00393	0.004869	0.025339
218345_at	TMEM176A	-0.00999	0.003785	0.020641
218352_at	RCBTB1	-0.00728	0.008742	0.040104
218355_at	KIF4A	0.004839	0.010252	0.045631
218375_at	NUDT9	-0.00746	0.002412	0.014295
218377_s_at	RWDD2B	-0.00547	0.000105	0.001035

218380_at	LOC728392	0.011447	2.78E-06	4.29E-05
218392_x_at	SFXN1	-0.01371	8.16E-13	1.07E-10
218394_at	ROGDI	-0.01073	0.000887	0.006328
218398_at	MRPS30	-0.00644	5.71E-06	8.11E-05
218400_at	OAS3	0.010954	2.23E-05	0.000267
218402_s_at	HPS4	-0.00891	0.001863	0.011546
218418_s_at	KANK2	0.008837	0.000361	0.002948
218438_s_at	MED28	0.006569	0.007595	0.036
218440_at	MCCC1	-0.01408	2.01E-14	4.79E-12
218445_at	H2AFY2	0.004822	0.009405	0.042534
218447_at	C16orf61	-0.00613	2.65E-05	0.00031
218451_at	CDCP1	0.009622	5.95E-05	0.000634
218455_at	NFS1	-0.01141	1.5E-08	4.28E-07
218461_at	GPN3	-0.00636	0.004845	0.025254
218471_s_at	BBS1	-0.00726	6.34E-05	0.00067
218477_at	TMEM14A	-0.00717	0.000596	0.004531
218480_at	AGBL5	-0.00839	0.004895	0.025428
218487_at	ALAD	-0.01903	1.75E-11	1.4E-09
218489_s_at	ALAD	-0.01578	7.35E-06	0.000101
218494_s_at	SLC2A4RG	-0.01314	4.91E-05	0.000537
218499_at	MST4	0.009208	0.006985	0.033712
218500_at	C8orf55	-0.00395	0.006683	0.032455
218502_s_at	TRPS1	-0.00705	0.000605	0.004588
218504_at	FAHD2A	-0.00779	0.003531	0.019492
218505_at	WDR59	-0.00611	0.000536	0.004155
218510_x_at	FAM134B	-0.00735	0.005145	0.026459
218511_s_at	PNPO	-0.01557	2.27E-09	8.36E-08
218512_at	WDR12	-0.00909	0.000322	0.002677
218521_s_at	UBE2W	-0.00679	0.000054	0.004176
218523_at	LHPP	-0.01347	2.45E-06	3.84E-05
218532_s_at	FAM134B	-0.00712	8.83E-05	0.00089
218536_at	MRS2	-0.00586	0.001999	0.01226
218538_s_at	MRS2	-0.00517	0.003788	0.020652
218541_s_at	C8orf4	0.011696	7.08E-05	0.000735
218546_at	C1orf115	-0.01414	4.15E-10	1.95E-08
218547_at	DHDDS	-0.00651	2.12E-05	0.000256
218549_s_at	FAM82B	-0.00774	3.08E-05	0.000357
218552_at	ECHDC2	-0.01274	2.52E-09	9.15E-08
218557_at	NIT2	-0.01281	5.63E-06	8.01E-05
218558_s_at	MRPL39	-0.00483	0.011175	0.048871
218559_s_at	MAFB	0.01029	0.000283	0.002403
218563_at	NDUFA3	-0.0074	1.09E-05	0.000142
218565_at	C9orf114	-0.01253	1.21E-07	2.69E-06
218567_x_at	DPP3	-0.00605	0.001945	0.011991
218576_s_at	DUSP12	0.006912	0.0003	0.002515
218579_s_at	DHX35	-0.007	0.004819	0.02514
218580_x_at	AURKAIP1	-0.00524	0.005174	0.026546
218592_s_at	CECR5	-0.00992	1.43E-05	0.000181
218596_at	TBC1D13	-0.01894	1.07E-11	9.41E-10

218597_s_at	CISD1	-0.0087	7.23E-11	4.6E-09
218600_at	LIMD2	0.009068	9.19E-06	0.000122
218601_at	URGCP	-0.00646	0.000406	0.003272
218603_at	HECA	0.007739	0.000364	0.00297
218605_at	TFB2M	-0.01104	4.6E-05	0.000507
218610_s_at	CPPED1	-0.01128	6.6E-08	1.55E-06
218611_at	IER5	0.010713	7.53E-05	0.000776
218614_at	C12orf35	0.00958	0.000523	0.004076
218618_s_at	FNDC3B	0.007876	0.002478	0.014587
218620_s_at	HEMK1	-0.0052	0.005761	0.028823
218625_at	NRN1	0.007986	0.002678	0.015554
218632_at	HECTD3	-0.00826	2.31E-08	6.19E-07
218633_x_at	ABHD10	-0.01215	1.67E-07	3.59E-06
218634_at	PHLDA3	0.004363	0.007275	0.034836
218638_s_at	SPON2	0.009131	0.002706	0.015672
218640_s_at	PLEKHF2	-0.00988	8.59E-06	0.000115
218644_at	PLEK2	0.005868	0.007322	0.035001
218646_at	C4orf27	0.004217	0.006062	0.030044
218653_at	SLC25A15	-0.00619	0.009241	0.041972
218656_s_at	LHFP	0.020423	6.67E-10	2.91E-08
218658_s_at	ACTR8	-0.00847	0.000239	0.002082
218660_at	DYSF	-0.0073	0.000296	0.002494
218661_at	NAT15	-0.01489	4.6E-10	2.14E-08
218665_at	FZD4	-0.01267	5.23E-06	7.49E-05
218667_at	PJA1	0.007011	0.001162	0.007832
218671_s_at	ATPIF1	-0.00492	0.002469	0.014546
218676_s_at	PCTP	-0.01432	3.78E-07	7.36E-06
218677_at	S100A14	0.011554	8.08E-07	1.45E-05
218684_at	LRRC8D	-0.01081	1.15E-08	3.37E-07
218685_s_at	SMUG1	-0.00791	0.00139	0.009066
218686_s_at	RHBDF1	0.005541	0.010216	0.045516
218687_s_at	MUC13	-0.01107	0.010744	0.047414
218693_at	TSPAN15	0.008546	3.27E-06	4.94E-05
218699_at	RAB7L1	-0.01588	7.32E-10	3.14E-08
218700_s_at	RAB7L1	-0.01838	8.22E-09	2.52E-07
218701_at	LACTB2	-0.01265	0.000429	0.003432
218705_s_at	SNX24	-0.00788	0.001859	0.011534
218708_at	NXT1	0.006703	0.007909	0.037068
218716_x_at	MTO1	-0.01075	3.47E-08	8.85E-07
218722_s_at	CCDC51	-0.00636	0.000163	0.001506
218723_s_at	C13orf15	-0.00809	0.005624	0.028302
218731_s_at	VWA1	0.005534	0.005408	0.027481
218747_s_at	TAPBPL	0.006249	0.00571	0.028632
218756_s_at	DHRS11	-0.01199	0.0003	0.002518
218760_at	COQ6	-0.00903	1.27E-05	0.000162
218766_s_at	WARS2	-0.00382	0.005678	0.028511
218771_at	PANK4	-0.00461	0.009296	0.042151
218772_x_at	TMEM38B	-0.00878	0.000772	0.005617
218773_s_at	MSRB2	-0.01145	3.05E-06	4.65E-05

218776_s_at	TMEM62	0.007476	0.000832	0.00598
218779_x_at	EPS8L1	0.010071	0.000108	0.001062
218780_at	HOOK2	-0.00632	0.00055	0.004242
218789_s_at	C11orf71	-0.01037	9.77E-07	1.73E-05
218796_at	FERMT1	-0.00853	0.00348	0.019274
218799_at	GPN2	-0.00516	0.004513	0.023824
218802_at	CCDC109B	0.012595	1.18E-05	0.000152
218805_at	GIMAP5	0.0133	8.38E-06	0.000113
218820_at	C14orf132	0.006702	0.003592	0.019794
218837_s_at	UBE2D4	-0.00862	1.25E-05	0.00016
218841_at	ASB8	-0.00477	0.004526	0.023885
218843_at	FNDC4	0.004747	0.002686	0.015598
218844_at	ACSF2	-0.02486	7.7E-15	2.35E-12
218845_at	DUSP22	0.008578	0.000154	0.001437
218848_at	THOC6	0.004851	0.001326	0.008723
218854_at	DSE	0.012374	5.73E-05	0.000614
218856_at	TNFRSF21	-0.02027	1.61E-06	2.63E-05
218857_s_at	ASRGL1	-0.01102	0.002424	0.014357
218858_at	DEPDC6	0.01152	2.69E-06	4.18E-05
218862_at	ASB13	-0.01615	9.85E-07	1.74E-05
218865_at	MOSC1	-0.00522	0.005136	0.02643
218869_at	MLYCD	-0.00909	2.49E-05	0.000295
218870_at	ARHGAP15	0.026882	4.97E-10	2.26E-08
218872_at	TESC	0.016437	8.46E-09	2.59E-07
218873_at	GON4L	-0.00686	0.000418	0.003357
218884_s_at	GUF1	-0.00796	0.000446	0.003551
218885_s_at	GALNT12	-0.00621	0.003554	0.019608
218893_at	ISOC2	-0.01081	0.000111	0.001085
218897_at	TMEM177	-0.01137	6.79E-07	1.24E-05
218898_at	FAM57A	0.008294	0.004277	0.022811
218910_at	ANO10	-0.00592	0.001232	0.008211
218913_s_at	GMIP	0.006957	9.11E-05	0.000915
218918_at	MAN1C1	-0.01201	3.23E-05	0.000373
218920_at	FAM193B	0.004365	0.010972	0.048193
218921_at	SIGIRR	-0.01295	7.17E-08	1.68E-06
218927_s_at	CHST12	0.004806	0.009327	0.042249
218928_s_at	SLC37A1	0.007642	0.000165	0.001523
218930_s_at	TMEM106B	-0.00587	0.00096	0.006721
218931_at	RAB17	-0.01137	3.03E-10	1.5E-08
218936_s_at	CCDC59	0.005115	0.002883	0.016512
218948_at	QRSL1	-0.00818	0.000208	0.001848
218957_s_at	PAAF1	-0.01434	1.91E-06	3.07E-05
218959_at	HOXC10	-0.00498	0.010816	0.047674
218960_at	TMPRSS4	0.020583	3.87E-12	3.92E-10
218967_s_at	PTER	-0.01307	0.000199	0.001779
218971_s_at	WDR91	-0.00611	0.000559	0.004294
218974_at	SOBP	-0.00948	0.000979	0.006831
218976_at	DNAJC12	-0.01942	7.17E-09	2.26E-07
218980_at	FHOD3	-0.00991	5.19E-05	0.000562

218983_at	C1RL	0.013804	1.26E-07	2.8E-06
218986_s_at	DDX60	0.008956	8.65E-05	0.000874
218988_at	SLC35E3	-0.00775	0.000601	0.004564
218995_s_at	EDN1	0.007245	0.008041	0.037583
218997_at	POLR1E	0.006145	0.000179	0.001628
219008_at	C2orf43	-0.0079	0.000131	0.001243
219013_at	GALNT11	-0.00847	1.1E-06	1.91E-05
219014_at	PLAC8	0.022176	2.94E-08	7.66E-07
219016_at	FASTKD5	-0.01018	0.0012	0.008032
219020_at	HS1BP3	-0.00591	0.000906	0.006438
219021_at	RNF121	-0.00573	0.004885	0.025385
219028_at	HIPK2	-0.00529	0.00094	0.006624
219032_x_at	OPN3	-0.00821	9.97E-06	0.000131
219033_at	PARP8	0.014526	2.17E-06	3.45E-05
219034_at	PARP16	-0.00448	0.010565	0.04681
219036_at	CEP70	-0.00845	0.000203	0.001809
219044_at	THNSL2	-0.00756	0.005182	0.026572
219049_at	CSGALNACT1	0.016368	1.96E-08	5.39E-07
219054_at	C5orf23	-0.02264	5.43E-12	5.21E-10
219059_s_at	LYVE1	0.010242	0.000264	0.002267
219063_at	C1orf35	0.006383	0.003289	0.018402
219076_s_at	PXMP2	-0.02159	3.68E-19	1.17E-15
219077_s_at	WWOX	-0.00713	0.002963	0.016884
219079_at	CYB5R4	0.005517	0.001193	0.007996
219093_at	PID1	0.011821	0.000103	0.001018
219098_at	MYBBP1A	0.004348	0.007326	0.035014
219101_x_at	ABHD8	0.003788	0.006363	0.031243
219103_at	ASAP3	-0.01462	5.73E-08	1.37E-06
219111_s_at	DDX54	-0.00639	4.21E-05	0.000468
219113_x_at	HSD17B14	-0.01481	1.06E-08	3.13E-07
219114_at	C3orf18	-0.00766	0.001792	0.011186
219117_s_at	FKBP11	0.012278	0.000446	0.00355
219118_at	FKBP11	0.014022	0.00014	0.001318
219121_s_at	ESRP1	0.009265	0.003647	0.020048
219127_at	PRR15L	0.008066	0.008303	0.038535
219129_s_at	SAP30L	-0.00703	0.00062	0.004684
219133_at	OXSM	-0.0115	6.49E-05	0.000682
219138_at	RPL14	0.007335	0.001727	0.010853
219140_s_at	RBP4	-0.0269	4.56E-07	8.76E-06
219144_at	DUSP26	-0.00757	0.002977	0.016959
219145_at	LPHN1	0.005642	0.005674	0.028503
219147_s_at	C9orf95	-0.0111	3.84E-06	5.71E-05
219159_s_at	SLAMF7	0.039733	1.33E-07	2.93E-06
219161_s_at	CKLF	0.019282	1.53E-15	6.41E-13
219166_at	C14orf104	-0.00917	0.000171	0.001567
219176_at	C2orf47	-0.01207	1.69E-11	1.36E-09
219177_at	BRIX1	0.004271	0.008924	0.040828
219179_at	DACT1	0.013978	0.000259	0.002232
219180_s_at	PEX26	-0.00437	0.008198	0.038169

219183_s_at	CYTH4	0.010433	8.07E-06	0.00011
219185_at	SIRT5	-0.00668	0.001475	0.009508
219188_s_at	MACROD1	-0.01502	4.39E-13	6.08E-11
219191_s_at	BIN2	0.014826	4.59E-09	1.51E-07
219194_at	SEMA4G	-0.01346	1.15E-07	2.57E-06
219195_at	PPARGC1A	-0.00935	3.11E-06	4.72E-05
219200_at	FASTKD3	-0.01189	2.09E-06	3.34E-05
219203_at	FAM158A	-0.00464	0.000827	0.005949
219213_at	JAM2	0.01227	0.000115	0.001113
219215_s_at	SLC39A4	-0.01959	1.86E-10	1.02E-08
219217_at	NARS2	-0.01151	4.87E-06	7.02E-05
219220_x_at	MRPS22	-0.0052	0.000131	0.001247
219222_at	RBKS	-0.00815	0.000452	0.003593
219228_at	ZNF331	-0.00809	0.003616	0.0199
219229_at	SLCO3A1	0.013715	2.79E-06	4.3E-05
219234_x_at	SCRN3	-0.00686	0.002813	0.016174
219238_at	PIGV	-0.00555	0.005183	0.026572
219243_at	GIMAP4	0.015921	1.24E-09	4.91E-08
219244_s_at	MRPL46	-0.0096	0.000256	0.002212
219246_s_at	OGFOD2	-0.00665	0.004401	0.023331
219255_x_at	IL17RB	-0.01533	1.24E-05	0.00016
219257_s_at	SPHK1	0.007185	0.001342	0.008809
219263_at	RNF128	-0.01672	1.29E-05	0.000164
219268_at	ETNK2	-0.02121	1.7E-10	9.47E-09
219277_s_at	OGDHL	-0.01605	1.53E-07	3.31E-06
219279_at	DOCK10	0.016217	3.99E-05	0.000449
219281_at	MSRA	-0.0239	1.14E-16	1.06E-13
219291_at	DTWD1	0.00452	0.010279	0.045744
219295_s_at	PCOLCE2	-0.01305	0.010208	0.045497
219296_at	ZDHHC13	0.005729	0.002396	0.014218
219298_at	ECHDC3	-0.01872	1.74E-13	2.71E-11
219307_at	PDSS2	-0.01288	6.19E-10	2.72E-08
219308_s_at	AK5	0.007537	0.008436	0.039038
219310_at	TMEM90B	-0.00823	0.006705	0.032555
219312_s_at	ZBTB10	-0.00654	0.002461	0.014518
219313_at	GRAMD1C	-0.00845	0.000117	0.001129
219318_x_at	MED31	-0.00913	0.004307	0.022935
219321_at	MPP5	-0.00894	3.02E-05	0.000351
219332_at	MICALL2	0.006705	0.000705	0.005225
219340_s_at	CLN8	-0.01272	7.96E-06	0.000108
219341_at	CLN8	-0.0148	2.28E-05	0.000272
219350_s_at	DIABLO	-0.00422	0.007151	0.034377
219359_at	ATHL1	0.012986	1.09E-06	1.89E-05
219367_s_at		0.011199	2.99E-06	4.57E-05
219371_s_at	KLF2	0.00973	9.86E-05	0.000981
219385_at	SLAMF8	0.006068	0.001699	0.010712
219386_s_at	SLAMF8	0.013746	1.7E-05	0.00021
219387_at	CCDC88A	0.008207	0.00081	0.005857
219395_at	ESRP2	-0.00911	3.85E-06	5.71E-05

219401_at	XYLT2	0.005084	0.006577	0.03204
219411_at	ELMO3	-0.00436	0.005004	0.025887
219414_at	CLSTN2	-0.01173	0.001257	0.008336
219416_at	SCARA3	0.007491	0.000747	0.005466
219418_at	NHEJ1	-0.01181	1.38E-07	3.02E-06
219420_s_at	C1orf163	-0.00966	0.005216	0.026706
219439_at	C1GALT1	-0.00465	0.002061	0.012563
219440_at	RAI2	0.014838	1.37E-07	3E-06
219445_at	GLTSCR1	0.005481	0.005438	0.027582
219449_s_at	TMEM70	-0.00476	0.010993	0.048253
219452_at	DPEP2	0.009703	0.0002	0.001786
219462_at	TMEM53	-0.00783	1.31E-06	2.21E-05
219463_at	C20orf103	0.00715	0.005549	0.028023
219471_at	C13orf18	0.013477	1.31E-06	2.21E-05
219489_s_at	NXN	0.014592	2.14E-07	4.48E-06
219492_at	CHIC2	0.00557	0.000262	0.002252
219496_at	ANKRD57	-0.01286	2.95E-05	0.000343
219497_s_at	BCL11A	0.008468	0.008773	0.040211
219498_s_at	BCL11A	0.014098	1.09E-06	1.9E-05
219505_at	CECR1	0.020082	3.58E-07	7.03E-06
219506_at	C1orf54	0.008842	0.001054	0.007243
219511_s_at	SNCAIP	0.014957	8.07E-06	0.00011
219519_s_at	SIGLEC1	0.008989	0.000169	0.001548
219524_s_at	C20orf7	-0.00486	0.006315	0.031042
219525_at	SLC47A1	-0.02551	1.45E-13	2.32E-11
219527_at	MOSC2	-0.02377	3.17E-17	4.71E-14
219528_s_at	BCL11B	0.010017	0.000162	0.001499
219541_at	LIME1	-0.00773	0.000251	0.002172
219543_at	PBLD	-0.01175	2.99E-10	1.49E-08
219547_at	COX15	-0.00813	0.001242	0.008267
219550_at	ROBO3	0.01012	6.6E-06	9.22E-05
219551_at	EAF2	-0.02013	9.56E-08	2.18E-06
219552_at	SVEP1	0.011869	0.000466	0.003686
219554_at	RHCG	-0.02298	1.5E-08	4.27E-07
219555_s_at	CENPN	-0.00826	0.002253	0.013505
219558_at	ATP13A3	-0.00632	0.001385	0.009051
219563_at	C14orf139	-0.00741	0.008861	0.040568
219574_at	MARCH1	0.01297	2.21E-05	0.000265
219575_s_at	COG8	-0.00722	3.04E-05	0.000352
219576_at	MAP7D3	0.008148	0.000102	0.001011
219581_at	TSEN2	-0.00862	0.001206	0.008069
219582_at	OGFRL1	0.01163	1.61E-05	0.000199
219586_at	WDR59	-0.00436	0.007043	0.033953
219593_at	SLC15A3	0.005602	0.00329	0.018402
219594_at	NINJ2	0.007325	0.001702	0.010731
219600_s_at	TMEM50B	0.004676	0.002002	0.012275
219607_s_at	MS4A4A	0.023738	4.94E-10	2.25E-08
219610_at	RGNEF	-0.0075	0.004476	0.023654
219615_s_at	KCNK5	-0.01527	0.000111	0.001083

219616_at	ACSS3	-0.0163	4.28E-08	1.07E-06
219620_x_at	C9orf167	0.005748	0.001061	0.007281
219625_s_at	COL4A3BP	-0.00814	0.005271	0.026924
219627_at	ZNF767	0.007029	0.001726	0.010853
219630_at	PDZK1IP1	-0.01813	0.000145	0.001359
219632_s_at	TRPV1	-0.01492	5.48E-08	1.32E-06
219655_at	C7orf10	-0.01834	1.13E-08	3.3E-07
219664_s_at	DECR2	-0.01292	1.88E-07	3.98E-06
219666_at	MS4A6A	0.023098	5.13E-08	1.25E-06
219684_at	RTP4	0.013987	2.37E-07	4.89E-06
219691_at	SAMD9	0.005841	0.007549	0.035826
219700_at	PLXDC1	0.016166	5.67E-07	1.06E-05
219705_at	QSER1	0.006417	0.001407	0.009142
219713_at	SHPK	-0.00978	1.27E-06	2.15E-05
219718_at	FGGY	-0.01071	2.75E-06	4.25E-05
219722_s_at	GDPD3	-0.01626	5.11E-08	1.25E-06
219723_x_at	AGPAT3	-0.01626	1.95E-07	4.11E-06
219725_at	TREM2	0.005288	0.001777	0.011116
219731_at	CC2D2B	-0.00785	0.000174	0.001591
219732_at	LPPR1	-0.03267	7.15E-15	2.21E-12
219739_at	RNF186	-0.03055	1.81E-15	7.09E-13
219744_at	FN3K	-0.02419	1.73E-07	3.69E-06
219747_at	C4orf31	-0.01542	0.001566	0.010001
219748_at	TREML2	0.003973	0.011324	0.049309
219749_at	SH2D4A	0.005271	0.00369	0.020212
219753_at	STAG3	0.006051	0.002461	0.014518
219756_s_at	POF1B	0.006824	0.00261	0.015235
219759_at	ERAP2	0.011439	0.006377	0.031293
219762_s_at	RPL36	0.01026	0.002189	0.013161
219768_at	VTCN1	0.011359	0.000942	0.006628
219771_at	TBC1D8B	-0.00861	0.003131	0.017669
219773_at	NOX4	-0.02493	7.6E-11	4.77E-09
219779_at	ZFHX4	0.015125	0.011219	0.048996
219785_s_at	LOC100288525	-0.01371	7.72E-06	0.000105
219788_at	PILRA	0.009807	5.13E-07	9.72E-06
219789_at	NPR3	-0.02723	2.06E-12	2.31E-10
219790_s_at	NPR3	-0.01895	1.01E-07	2.29E-06
219796_s_at	CDHR5	-0.01953	1.68E-09	6.38E-08
219797_at	MGAT4A	-0.00523	0.002687	0.015598
219799_s_at	DHRS9	0.007032	0.000323	0.002682
219803_at	ANGPTL3	-0.03652	5.76E-14	1.04E-11
219809_at	WDR55	-0.0083	5.83E-05	0.000624
219812_at	PVRIG	0.006556	0.002932	0.016739
219822_at	MTRF1	-0.00623	0.000334	0.002758
219836_at	ZBED2	0.005664	0.002802	0.016128
219839_x_at	TCL6	-0.00665	0.000496	0.003894
219840_s_at	TCL6	-0.01735	3.33E-09	1.14E-07
219842_at	ARL15	-0.00839	8.24E-05	0.000836
219844_at	C10orf118	-0.00463	0.008087	0.037761

219850_s_at	EHF	0.014528	5.1E-05	0.000554
219864_s_at	RCAN3	0.019185	1.3E-06	2.19E-05
219867_at	CHODL	0.015552	2.46E-07	5.05E-06
219872_at	FAM198B	0.013278	1.52E-05	0.000189
219873_at	COLEC11	-0.01736	2.74E-09	9.86E-08
219885_at	SLFN12	0.006232	0.008689	0.039881
219890_at	CLEC5A	0.007889	0.000927	0.006547
219891_at	PGPEP1	-0.01562	8.81E-08	2.03E-06
219902_at	BHMT2	-0.02473	9.6E-15	2.68E-12
219914_at	ECEL1	0.005627	0.003746	0.020477
219915_s_at	SLC16A10	-0.0265	2.63E-14	5.58E-12
219919_s_at	SSH3	0.004327	0.01001	0.04475
219937_at	TRHDE	-0.00881	0.000708	0.005239
219945_at	DDX25	-0.01156	2.72E-05	0.000318
219947_at	CLEC4A	0.00976	3E-05	0.000349
219948_x_at	UGT2A3	-0.00719	0.006747	0.032684
219954_s_at	GBA3	-0.01912	1.72E-08	4.77E-07
219956_at	GALNT6	0.009619	0.001971	0.012123
219959_at	MOCOS	0.007489	0.000757	0.005528
219960_s_at	UCHL5	-0.00633	0.009489	0.042827
219962_at	ACE2	-0.02064	5.43E-09	1.76E-07
219970_at	GIPC2	-0.01911	5.59E-07	1.05E-05
219973_at	ARSJ	0.005778	0.001506	0.009677
219974_x_at	ECHDC1	-0.00666	1.8E-06	2.92E-05
219986_s_at	ACAD10	-0.01313	3.57E-08	9.08E-07
219991_at	SLC2A9	-0.01666	6.76E-06	9.4E-05
219998_at	HSPC159	-0.00852	0.000209	0.001856
220002_at	KIF26B	0.011025	4.29E-08	1.07E-06
220005_at	P2RY13	0.013734	2.26E-06	3.58E-05
220008_at	SGK269	0.00458	0.008683	0.039876
220009_at	LONRF3	-0.00861	0.002295	0.013702
220016_at	AHNAK	0.005991	0.008758	0.04016
220020_at	XPNPEP3	-0.00846	0.000996	0.00692
220032_at	C7orf58	0.008043	0.004127	0.022137
220034_at	IRAK3	0.004864	0.002914	0.016647
220038_at	C8orf44	-0.01337	1.4E-05	0.000176
220047_at	SIRT4	-0.00862	0.002855	0.016369
220055_at	ZNF287	0.005005	0.008243	0.038341
220061_at	ACSM5	-0.02707	2.61E-11	1.96E-09
220072_at	CSPP1	-0.00539	0.001468	0.009474
220074_at	CDHR5	-0.01094	3.8E-06	5.65E-05
220075_s_at	CDHR5	-0.04337	1.76E-15	6.99E-13
220083_x_at	UCHL5	-0.00364	0.009927	0.044461
220084_at	C14orf105	-0.00869	9.52E-05	0.000951
220087_at	BCMO1	-0.00832	0.002715	0.015713
220089_at	L2HGDH	-0.0112	2.54E-06	3.96E-05
220092_s_at	ANTXR1	0.017038	1.17E-05	0.000151
220094_s_at	CCDC90A	-0.01438	5.3E-19	1.48E-15
220095_at	CNTLN	0.006634	0.004217	0.022566

220099_s_at	LUC7L2	-0.00447	0.008971	0.040961
220100_at	SLC22A11	-0.02589	1.65E-09	6.27E-08
220105_at	RTDR1	-0.007	0.002472	0.014558
220107_s_at	FAM164C	-0.00791	0.000894	0.006365
220116_at	KCNN2	-0.01087	0.00128	0.008456
220128_s_at	NIPAL2	0.00784	0.000716	0.005288
220132_s_at	CLEC2D	0.015171	2.11E-06	3.37E-05
220135_s_at	SLC7A9	-0.03509	2.83E-13	4.2E-11
220139_at	DNMT3L	-0.01286	1.86E-05	0.000228
220146_at	TLR7	0.009632	0.001019	0.00705
220147_s_at	FAM60A	0.006471	0.000557	0.004281
220148_at	ALDH8A1	-0.02245	4.28E-13	5.96E-11
220149_at	C2orf54	-0.02123	1.05E-05	0.000138
220150_s_at	FAM184A	-0.00545	0.002672	0.015528
220156_at	EFCAB1	0.006577	0.001042	0.007177
220170_at	FHL5	0.008567	0.010754	0.047446
220175_s_at	CBWD1	-0.00619	0.008092	0.037776
220177_s_at	TMPRSS3	0.008823	0.003014	0.017132
220178_at	C19orf28	-0.01413	8.9E-08	2.05E-06
220179_at	DPEP3	0.006391	0.007909	0.037068
220183_s_at	NUDT6	-0.00503	0.002292	0.013695
220186_s_at	CDHR2	-0.02215	6.9E-13	9.25E-11
220187_at	STEAP4	0.013171	0.000388	0.003139
220197_at	ATP6V0A4	-0.00977	0.000948	0.006653
220198_s_at	EIF5A2	-0.01	0.000342	0.002817
220220_at	LRRC37A4	0.007898	0.00794	0.037193
220224_at	HAO1	-0.00724	0.004291	0.022874
220230_s_at	CYB5R2	0.004745	0.007783	0.036686
220233_at	FBXO17	-0.01311	0.00048	0.003777
220234_at	CA8	-0.00647	0.004928	0.02557
220236_at	PDPR	-0.0088	0.008672	0.039839
220240_s_at	TMCO3	0.007586	0.002667	0.015509
220251_at	C1orf107	-0.00682	0.009446	0.042673
220252_x_at	CXorf21	0.008535	0.000135	0.001279
220253_s_at	LRP12	-0.00459	0.007433	0.035419
220260_at	TBC1D19	-0.00627	0.00052	0.004056
220263_at	SMAD5OS	-0.00678	0.001417	0.009193
220264_s_at	GPR107	-0.00651	0.010978	0.048201
220285_at	FAM108B1	-0.00708	0.001784	0.01115
220297_at	BTBD7	-0.01019	1.49E-05	0.000187
220298_s_at	SPATA6	0.008519	0.000541	0.004184
220303_at	PDZD3	-0.01593	4.84E-09	1.59E-07
220307_at	CD244	0.006534	0.005016	0.025927
220310_at	TUBAL3	-0.02754	5.03E-12	4.9E-10
220329_s_at	RMND1	-0.01088	1.2E-06	2.04E-05
220330_s_at	SAMSN1	0.017113	3.52E-05	0.000401
220333_at	PAQR5	-0.01456	9.77E-06	0.000129
220357_s_at	SGK2	-0.01269	1.27E-10	7.42E-09
220358_at	BATF3	0.007642	9.04E-05	0.00091

220360_at	THAP9	-0.00622	0.003685	0.020199
220365_at	ALLC	-0.00927	0.000601	0.004564
220372_at	DNAJC28	-0.00981	0.000177	0.001611
220376_at	LRRC19	-0.01771	5.36E-08	1.3E-06
220377_at	FAM30A	0.006654	0.007856	0.036897
220382_s_at	ARHGAP28	-0.01519	4E-05	0.00045
220387_s_at	HHLA3	-0.00779	0.001766	0.011057
220393_at	LGSN	-0.00952	0.001619	0.010275
220407_s_at	TGFB2	0.011848	0.000118	0.001134
220418_at	UBASH3A	0.004945	0.004552	0.024002
220424_at	NPHS2	-0.01996	0.000185	0.001674
220426_at	C20orf195	0.004747	0.008458	0.039085
220437_at	LOC55908	0.005554	0.006437	0.031501
220441_at	DNAJC22	-0.01019	0.001652	0.010454
220465_at	LOC80054	-0.00557	0.000636	0.004794
220502_s_at	SLC13A1	-0.01788	4.13E-05	0.000462
220503_at	SLC13A1	-0.0181	9.39E-05	0.000939
220507_s_at	UPB1	-0.03778	1.74E-18	3.22E-15
220511_s_at	DLC1	0.004862	0.003219	0.01809
220516_at	ZSCAN2	-0.00665	9.6E-05	0.000957
220547_s_at	FAM35A	-0.00693	0.000141	0.001331
220554_at	SLC22A7	-0.01385	5.2E-08	1.26E-06
220560_at	C11orf21	0.007654	0.000668	0.004998
220567_at	IKZF2	0.010752	1.62E-06	2.64E-05
220577_at	GVINP1	0.012265	0.000191	0.001717
220591_s_at	EFHC2	0.012609	3.49E-07	6.87E-06
220600_at	C3orf75	0.005952	0.006414	0.03144
220604_x_at	FTCD	-0.02861	5.29E-12	5.11E-10
220606_s_at	C17orf48	0.005588	0.00829	0.038507
220607_x_at	TH1L	-0.00813	0.001609	0.010227
220613_s_at	SYTL2	0.006648	0.01097	0.048193
220617_s_at	ZNF532	0.010245	1.13E-05	0.000146
220625_s_at	ELF5	-0.01099	0.005481	0.027759
220642_x_at	GPR89A	-0.01698	2.63E-10	1.34E-08
220661_s_at	ZNF692	0.004619	0.009976	0.044616
220671_at	CCRN4L	-0.02115	1.42E-11	1.2E-09
220675_s_at	PNPLA3	-0.01123	5.63E-05	0.000605
220677_s_at	ADAMTS8	0.005378	0.00053	0.00412
220692_at		-0.00784	0.000138	0.001299
220723_s_at	CWH43	-0.02085	3.48E-08	8.86E-07
220724_at	CWH43	-0.01346	0.000399	0.003222
220727_at	KCNK10	-0.02067	2.11E-12	2.35E-10
220731_s_at	NECAP2	0.00614	2.55E-06	3.97E-05
220736_at	SLC19A3	-0.01104	0.000521	0.004058
220738_s_at	RPS6KA6	-0.00875	0.000635	0.004786
220740_s_at	SLC12A6	-0.0177	4.34E-12	4.27E-10
220741_s_at	PPA2	-0.00807	9.08E-06	0.000121
220753_s_at	CRYL1	-0.02116	6.94E-11	4.46E-09
220769_s_at	WDR78	-0.00886	0.003737	0.02044

220773_s_at	GPHN	-0.01894	8.73E-08	2.01E-06
220801_s_at	HAO2	-0.03649	9.09E-15	2.63E-12
220809_at		-0.00525	0.004984	0.02581
220812_s_at	HHLA2	-0.01448	4.15E-05	0.000463
220819_at	FRMD1	-0.01112	1.3E-06	2.19E-05
220839_at	METTL5	0.004096	0.011216	0.048991
220865_s_at	PDSS1	-0.01235	1.49E-05	0.000187
220885_s_at	CENPJ	0.006114	0.009255	0.042007
220892_s_at	PSAT1	-0.02909	1.13E-08	3.31E-07
220922_s_at	SPANXA1	0.005347	0.011494	0.04994
220930_s_at	MGC5590	-0.01008	0.000128	0.001222
220931_at	MGC5590	-0.00776	0.005075	0.026192
220934_s_at	TMEM223	-0.00821	0.000291	0.002458
220939_s_at	DPP8	-0.00638	0.000984	0.006858
220940_at	ANKRD36B	0.014515	8.32E-05	0.000844
220942_x_at	FAM162A	-0.00577	7.18E-05	0.000744
220943_s_at	C2orf56	-0.0052	0.001799	0.011222
220951_s_at	A1CF	-0.02742	4.47E-09	1.47E-07
220952_s_at	PLEKHA5	-0.00821	0.00073	0.005372
220968_s_at	TSPAN9	-0.00525	0.00109	0.007444
220988_s_at	C1QTNF3	0.014441	6.49E-06	9.09E-05
220989_s_at	AMN	-0.00507	0.009169	0.04173
220999_s_at	CYFIP2	-0.01224	7.37E-08	1.72E-06
221004_s_at	ITM2C	0.025113	9.26E-13	1.18E-10
221005_s_at	PTDSS2	-0.00436	0.006987	0.033712
221006_s_at	SNX27	-0.01441	1.59E-08	4.47E-07
221008_s_at	AGXT2L1	-0.02658	5.27E-08	1.28E-06
221015_s_at	CDADC1	-0.01231	3.3E-06	4.98E-05
221019_s_at	COLEC12	0.00948	0.003619	0.019913
221020_s_at	SLC25A32	-0.00664	0.004654	0.024446
221023_s_at	KCNH6	-0.00578	0.009789	0.043949
221024_s_at	SLC2A10	0.008081	0.001465	0.009461
221030_s_at	ARHGAP24	-0.00489	0.001396	0.009089
221041_s_at	SLC17A5	-0.01472	1.02E-09	4.14E-08
221042_s_at	CLMN	-0.00654	0.000909	0.006449
221058_s_at	CKLF	0.016419	3.65E-11	2.59E-09
221059_s_at	COTL1	-0.01396	3.61E-06	5.4E-05
221060_s_at	TLR4	0.00679	0.010782	0.047553
221063_x_at	RNF123	-0.00887	0.005091	0.026264
221064_s_at	UNKL	0.004938	0.002011	0.012307
221069_s_at	TACO1	-0.01693	0.000346	0.002844
221078_s_at	CCDC88A	0.006669	0.007865	0.036911
221087_s_at	APOL3	0.012935	0.000143	0.001341
221092_at	IKZF3	0.015482	9E-07	1.6E-05
221103_s_at	WDR52	0.004846	0.011252	0.049086
221122_at	HRASLS2	-0.0084	0.008259	0.038395
221127_s_at	DKK3	0.01638	3.6E-06	5.4E-05
221129_at	C17orf88	0.004421	0.007055	0.033981
221142_s_at	PECR	-0.01031	0.000407	0.003277

221163_s_at	MLXIPL	-0.0102	1.2E-07	2.67E-06
221177_at	MIA2	-0.01157	0.000781	0.005666
221188_s_at	CIDEB	-0.01335	9.7E-09	2.9E-07
221190_s_at	C18orf8	-0.00661	7.79E-05	0.000798
221203_s_at	YEATS2	0.007813	0.000151	0.001407
221210_s_at	NPL	-0.02854	2.3E-12	2.53E-10
221219_s_at	KLHDC4	-0.00736	0.000481	0.003785
221220_s_at	SCYL2	-0.00669	0.004364	0.023175
221221_s_at	KLHL3	-0.01223	0.000508	0.003973
221223_x_at	CISH	-0.00884	0.000183	0.001659
221227_x_at	COQ3	-0.00586	0.001138	0.007702
221229_s_at	TRMT61B	-0.00962	0.000233	0.002033
221230_s_at	ARID4B	0.007902	0.000237	0.002065
221244_s_at	PDPK1	-0.01075	0.00033	0.002735
221245_s_at	FZD5	-0.01864	3.38E-10	1.65E-08
221246_x_at	TNS1	-0.00855	9.31E-06	0.000124
221247_s_at	WBSCR16	-0.00456	0.009756	0.043829
221253_s_at	MUTED	0.00709	0.002688	0.015599
221256_s_at	HDHD3	-0.01947	3.83E-08	9.66E-07
221261_x_at	MAGED4	0.00781	0.000989	0.006885
221268_s_at	SGPP1	-0.00818	0.000187	0.001689
221269_s_at	SH3BGRL3	0.004343	0.004397	0.02332
221274_s_at	LMAN2L	-0.00917	0.000114	0.001103
221282_x_at	RUNX2	0.005906	0.000998	0.006931
221283_at	RUNX2	0.005317	0.007655	0.036222
221286_s_at	MGC29506	0.005058	0.010836	0.047726
221291_at	ULBP2	0.004755	0.01025	0.045631
221293_s_at	DEF6	0.008478	5.19E-05	0.000562
221298_s_at	SLC22A8	-0.03534	3.01E-10	1.5E-08
221305_s_at	UGT1A8	-0.03579	4.23E-11	2.92E-09
221306_at	GPR27	0.006032	0.000606	0.004592
221311_x_at	LYRM2	-0.00654	0.003078	0.017446
221369_at	MTNR1A	-0.00872	0.000157	0.00146
221371_at	TNFSF18	0.005579	0.009196	0.041801
221379_at		0.005032	0.002065	0.012586
221399_at	EDA2R	0.004214	0.011369	0.049476
221425_s_at	ISCA1	-0.00606	0.000741	0.005438
221434_s_at	C14orf156	-0.00587	0.000165	0.001524
221437_s_at	MRPS15	-0.00911	9.24E-06	0.000123
221459_at	TAAR5	0.005505	0.004469	0.02363
221463_at	CCL24	0.004864	0.009489	0.042827
221474_at	MYL12B	0.006021	5.28E-05	0.00057
221479_s_at	BNIP3L	-0.00436	0.006571	0.032023
221481_x_at	HNRNPD	0.003425	0.000413	0.003321
221493_at	TSPYL1	-0.00655	7.35E-05	0.000759
221497_x_at	EGLN1	-0.00379	0.002775	0.016004
221498_at	SNX27	-0.0093	4.49E-06	6.56E-05
221504_s_at	ATP6V1H	-0.00792	0.005615	0.028273
221512_at	TMEM222	-0.00348	0.011302	0.049254

221516_s_at	SMCR7L	-0.01239	7.28E-07	1.32E-05
221523_s_at	RRAGD	-0.01314	5.52E-06	7.88E-05
221524_s_at	RRAGD	-0.01195	8.58E-09	2.62E-07
221530_s_at	BHLHE41	0.006126	0.010569	0.04681
221533_at	FAM162A	-0.00587	0.000423	0.003382
221541_at	CRISPLD2	0.011689	0.001638	0.010375
221542_s_at	ERLIN2	-0.00653	0.0061	0.030186
221550_at	COX15	-0.00728	0.000116	0.001123
221552_at	ABHD6	-0.02043	1.16E-14	3.13E-12
221555_x_at	CDC14B	-0.01008	8.6E-05	0.00087
221556_at	CDC14B	-0.00942	0.000612	0.004631
221558_s_at	LEF1	0.008862	0.007708	0.036422
221562_s_at	SIRT3	-0.00642	0.00786	0.036907
221565_s_at	CALHM2	0.007576	1.33E-05	0.000168
221568_s_at	LIN7C	-0.00593	0.005814	0.029042
221572_s_at	SLC26A6	-0.01441	1.08E-07	2.43E-06
221575_at	SCLY	-0.01366	2.84E-08	7.41E-07
221579_s_at	NUDT3	0.00689	0.00653	0.031858
221581_s_at	LAT2	0.00829	2.7E-06	4.18E-05
221588_x_at	ALDH6A1	-0.02808	3.1E-22	6.92E-18
221589_s_at	LOC100506517	-0.02899	1.8E-20	1.33E-16
221590_s_at	ALDH6A1	-0.02806	1.75E-13	2.71E-11
221599_at	C11orf67	-0.00441	0.001086	0.007427
221600_s_at	C11orf67	-0.00691	0.004042	0.021769
221601_s_at	FAIM3	0.01815	1.36E-08	3.93E-07
221602_s_at	FAIM3	0.010981	2.36E-05	0.000281
221605_s_at	PIPOX	-0.03215	1.4E-15	5.99E-13
221606_s_at	HMGN5	-0.00602	0.004243	0.022669
221607_x_at	ACTG1	0.003115	0.00099	0.00689
221620_s_at	APOO	-0.00756	0.00059	0.004502
221624_at	TCL6	-0.00828	0.000138	0.001299
221627_at	TRIM10	-0.01967	1.92E-11	1.51E-09
221636_s_at	MOSC2	-0.02036	4.77E-15	1.58E-12
221648_s_at	LOC100507192	-0.02125	1.64E-11	1.34E-09
221651_x_at	IGK@	0.039739	8.93E-08	2.05E-06
221655_x_at	EPS8L1	0.009015	0.000197	0.001767
221656_s_at	ARHGEF10L	-0.0097	4.61E-08	1.14E-06
221662_s_at	SLC22A7	-0.00957	2.04E-05	0.000248
221665_s_at	EPS8L1	0.009766	3.38E-05	0.000388
221666_s_at	PYCARD	0.016326	1.66E-08	4.63E-07
221668_s_at	DNAI2	0.004684	0.001437	0.009313
221669_s_at	ACAD8	-0.01577	2.19E-07	4.58E-06
221671_x_at	IGK@	0.038935	1.23E-07	2.74E-06
221675_s_at	CHPT1	-0.0132	7.61E-09	2.36E-07
221679_s_at	ABHD6	-0.02721	2.64E-10	1.35E-08
221690_s_at	NLRP2	0.009075	0.000235	0.00205
221692_s_at	MRPL34	-0.00889	3.31E-06	4.99E-05
221697_at	MAP1LC3C	0.006707	0.005006	0.025891
221698_s_at	CLEC7A	0.015644	2.81E-06	4.32E-05

221700_s_at	UBA52	0.007674	0.008002	0.037433
221701_s_at	STRA6	-0.01108	3.55E-06	5.32E-05
221705_s_at	SIKE1	-0.00647	0.009688	0.043599
221710_x_at	FAM176B	0.004474	0.010198	0.045471
221724_s_at	CLEC4A	0.006015	0.002087	0.012677
221730_at	COL5A2	0.008893	0.001484	0.009561
221731_x_at	VCAN	0.032051	2.74E-09	9.88E-08
221737_at	GNA12	-0.00541	0.001971	0.012123
221748_s_at	TNS1	-0.01002	4.91E-06	7.06E-05
221750_at	HMGCS1	-0.00655	0.000671	0.005015
221766_s_at	FAM46A	0.008508	0.001317	0.00867
221773_at	ELK3	0.015069	2.82E-05	0.00033
221777_at	C12orf52	-0.00604	0.002433	0.014386
221781_s_at	DNAJC10	0.008651	0.003346	0.018689
221782_at	DNAJC10	0.006362	0.004944	0.025642
221798_x_at		0.005652	0.001439	0.009319
221804_s_at	FAM45A	-0.00361	0.006534	0.031873
221805_at	NEFL	0.01708	0.003775	0.02061
221810_at	RAB15	-0.00557	0.006887	0.033285
221814_at	GPR124	0.012904	3.99E-05	0.000449
221818_at	INTS5	-0.00547	0.000673	0.00503
221824_s_at	MARCH8	-0.00418	0.003828	0.020835
221836_s_at	TRAPPC9	-0.00439	0.004882	0.025385
221840_at	PTPRE	0.00999	0.00088	0.006284
221847_at	LOC100129361	-0.00594	8.34E-05	0.000845
221848_at	ZGPAT	-0.01471	4.6E-05	0.000506
221859_at	SYT13	-0.00935	0.004281	0.022828
221864_at	ORAI3	-0.00708	0.009294	0.042151
221868_at	PAIP2B	-0.01325	8.1E-08	1.88E-06
221870_at	EHD2	0.019532	2.25E-10	1.18E-08
221872_at	RARRES1	0.012132	0.000956	0.006703
221875_x_at	HLA-F	0.015778	4.86E-09	1.59E-07
221876_at	ZNF783	0.0062	0.004454	0.023572
221877_at	IRGQ	-0.00704	0.000307	0.002565
221879_at	CALML4	-0.0134	1.09E-06	1.9E-05
221881_s_at	CLIC4	-0.00888	0.000362	0.002956
221891_x_at	HSPA8	-0.00515	1.43E-09	5.54E-08
221894_at	ADCK2	0.003904	0.008185	0.038123
221910_at	ETV1	0.005962	0.001955	0.012039
221911_at	ETV1	0.01454	6.06E-05	0.000644
221925_s_at	CSPP1	-0.006	0.008987	0.041006
221927_s_at	ABHD11	0.005032	0.005315	0.027117
221928_at	ACACB	-0.00902	5.47E-05	0.000588
221932_s_at	GLRX5	-0.00801	9.62E-08	2.19E-06
221942_s_at	GUCY1A3	0.012074	2.46E-06	3.84E-05
221943_x_at	RPL38	0.004629	0.00013	0.001239
221953_s_at	MMP24	-0.00822	7.36E-06	0.000101
221957_at	PDK3	-0.00939	0.001641	0.010389
221958_s_at	WLS	-0.01063	6.12E-07	1.13E-05

221959_at	FAM110B	0.013218	4.91E-06	7.07E-05
221968_s_at	ZNF771	-0.00574	0.000705	0.005222
221973_at	LOC100506076	0.009648	0.005714	0.028645
221976_s_at	HDGFRP3	0.006151	0.008609	0.039614
221977_at	TBX2	-0.01288	3.33E-06	5.03E-05
221978_at	HLA-F	0.008133	0.00183	0.011371
221981_s_at	WDR59	-0.01467	8.73E-08	2.01E-06
221983_at	FAM134A	-0.00615	0.005344	0.027217
221995_s_at		-0.00466	0.00749	0.03563
221998_s_at	VRK3	-0.01166	0.000231	0.002021
222001_x_at	LOC728855	0.012534	8.13E-13	1.07E-10
222006_at	LETM1	-0.00904	0.005942	0.029578
222010_at	TCP1	-0.00804	0.000131	0.001248
222011_s_at	TCP1	-0.00499	0.005223	0.02673
222014_x_at	MTO1	-0.00788	0.000893	0.006361
222020_s_at	NTM	0.0191	2.33E-09	8.55E-08
222021_x_at	SDHAP1	-0.00703	7.02E-05	0.000729
222033_s_at	FLT1	-0.01377	2E-05	0.000243
222043_at	CLU	0.006549	0.002663	0.015495
222049_s_at	RBP4	-0.02838	9.64E-07	1.71E-05
222052_at	C19orf54	-0.01142	2.24E-07	4.66E-06
222071_s_at	SLCO4C1	-0.01202	2.91E-05	0.000339
222078_at	PKLR	-0.02644	6.84E-14	1.2E-11
222083_at	GLYAT	-0.02139	9.31E-09	2.81E-07
222088_s_at	SLC2A14	0.015427	0.000127	0.001216
222102_at	GSTA3	-0.00884	5.56E-06	7.93E-05
222118_at	CENPN	-0.00838	0.000318	0.002646
222134_at	DDO	-0.01481	6.21E-07	1.15E-05
222138_s_at	WDR13	-0.00994	3.05E-07	6.13E-06
222140_s_at	GPR89A	-0.0148	2.44E-08	6.48E-07
222146_s_at	TCF4	0.012323	0.000194	0.001737
222182_s_at	CNOT2	0.003533	0.010381	0.046114
222190_s_at	C16orf58	-0.01005	1.25E-06	2.12E-05
222209_s_at	TMEM135	-6.62E-03	0.004725	0.024729
222212_s_at	LASS2	-0.01181	2.3E-06	3.64E-05
222218_s_at	PILRA	0.009348	1.08E-05	0.000141
222222_s_at	HOMER3	0.004879	0.00931	0.042199
222228_s_at	ALKBH4	-5.32E-03	0.0073	0.034918
222236_s_at	ASAP3	-0.00607	0.000286	0.002423
222243_s_at	TOB2	-0.00834	0.003521	0.019449
222245_s_at	FER1L4	0.006521	0.001049	0.007223
222249_at		0.012129	0.005533	0.027968
222253_s_at	POM121L9P	0.01499	0.001878	0.011628
222257_s_at	ACE2	-2.66E-02	5.62E-11	3.72E-09
222269_at	APOOL	-1.09E-02	7.43E-06	0.000102
222271_at		0.019614	1.69E-09	6.39E-08
222275_at		-0.00779	5.06E-05	0.00055
222279_at	LOC285830	8.49E-03	0.000251	0.002171
222288_at		0.011019	0.001304	0.008597

222291_at	FAM149A	-0.01086	3.94E-05	0.000444
222294_s_at	RAB27A	0.014044	0.000193	0.001732
222297_x_at		0.005047	0.001686	0.010639
222312_s_at		-0.00617	0.007184	0.034498
222335_at		-8.13E-03	0.0036	0.019831
222344_at		-0.00945	0.001125	0.007639
222352_at		-5.58E-03	0.009547	0.043044
266_s_at	CD24	1.24E-02	5.55E-07	1.04E-05
31835_at	HRG	-1.65E-02	5.71E-08	1.37E-06
31845_at	ELF4	0.010998	0.000196	0.001756
32069_at	N4BP1	5.69E-03	0.010492	0.046551
32091_at	SLC25A44	-1.04E-02	3.98E-09	1.34E-07
32099_at	SAFB2	-0.00666	0.001407	0.009142
32128_at	CCL18	0.008663	0.00104	0.007172
32209_at	FAM89B	0.004504	0.00523	0.026758
32811_at	MYO1C	5.97E-03	0.001144	0.007733
33197_at	MYO7A	-8.95E-03	8.22E-06	0.000111
33304_at	ISG20	0.01825	6.77E-08	1.59E-06
33322_i_at	SFN	2.30E-02	2.65E-05	0.00031
33323_r_at	SFN	0.028053	1.47E-05	0.000185
33494_at	ETFDH	-0.01894	1.33E-16	1.1E-13
33767_at	NEFH	-1.14E-02	0.010045	0.044896
34187_at	RBMS2	4.23E-03	0.010878	0.047879
34210_at	CD52	3.62E-02	3.56E-11	2.55E-09
34408_at	RTN2	6.36E-03	0.000776	0.00564
34471_at	MYH8	-1.69E-02	0.0052	0.02664
34697_at	LRP6	-5.06E-03	0.001901	0.011757
34726_at	CACNB3	1.02E-02	8.03E-07	1.44E-05
34764_at	LARS2	-1.22E-02	4.33E-05	0.00048
35147_at	MCF2L	-8.01E-03	0.000318	0.002642
35254_at	TRAFD1	5.84E-03	0.001128	0.007655
35820_at	GM2A	7.83E-03	0.003003	0.017075
36475_at	GCAT	-9.31E-03	6.77E-05	0.000706
36499_at	CELSR2	6.82E-03	0.000809	0.005847
36566_at	CTNS	-0.00809	0.000103	0.001018
36829_at	PER1	-0.00534	0.007349	0.03507
36830_at	MIPEP	-0.00783	0.000318	0.002645
36920_at	MTM1	-1.07E-02	3.72E-05	0.000421
36994_at	ATP6V0C	-7.67E-03	4.67E-06	6.76E-05
37005_at	NBL1	1.04E-02	0.000539	0.004173
37012_at	CAPZB	5.22E-03	0.005862	0.029244
37022_at	PRELP	4.83E-03	0.000139	0.001308
37145_at	GNLY	8.46E-03	0.000734	0.005399
37408_at	MRC2	1.04E-02	7.84E-05	0.000802
37590_g_at		-0.02384	7.61E-14	1.31E-11
37966_at	PARVB	-7.79E-03	0.001859	0.011534
38149_at	ARHGAP25	2.21E-02	1.08E-10	6.46E-09
38158_at	ESPL1	-1.35E-02	3.04E-10	1.5E-08
38241_at	BTN3A3	6.63E-03	0.003275	0.018343

38269_at	PRKD2	5.43E-03	0.01061	0.04697
38447_at	ADRBK1	5.79E-03	0.009384	0.042464
38487_at	STAB1	1.31E-02	2.09E-05	0.000253
38671_at	PLXND1	0.006541	0.006036	0.029941
38766_at	SRCAP	4.43E-03	0.001177	0.007907
38918_at	SOX13	-5.36E-03	0.010219	0.045519
38964_r_at	WAS	5.13E-03	0.005774	0.028879
39248_at	AQP3	-6.70E-03	0.001487	0.009578
39402_at	IL1B	1.18E-02	3.36E-05	0.000386
39729_at	PRDX2	-7.11E-03	3.14E-06	4.76E-05
39817_s_at	C6orf108	-1.04E-02	0.001667	0.010538
39891_at	ZNF710	4.31E-03	0.004665	0.024493
40016_g_at	MAST4	-1.57E-02	2.01E-11	1.57E-09
40225_at	GAK	-7.28E-03	0.000262	0.002252
40255_at	DDX28	-6.90E-03	0.000169	0.001548
40273_at	SPHK2	-1.60E-02	1.53E-08	4.34E-07
40560_at	TBX2	-9.91E-03	2.62E-05	0.000307
40665_at	FMO3	1.31E-02	0.00027	0.002304
40837_at	TLE2	0.007245	0.008851	0.040528
41160_at	MBD3	-6.55E-03	0.000592	0.004515
41329_at	SCYL3	3.76E-03	0.007104	0.034179
41386_i_at	KDM6B	-9.14E-03	0.003875	0.02102
41553_at	OSGIN2	-6.02E-03	0.00011	0.001078
41577_at	PPP1R16B	-2.81E-02	9.09E-17	9.14E-14
41660_at	CELSR1	-1.42E-02	5.16E-09	1.68E-07
43427_at	ACACB	-8.42E-03	6.05E-05	0.000643
43977_at	TMEM161A	-3.90E-03	0.008974	0.040967
44065_at	C12orf52	-1.29E-02	9.89E-07	1.74E-05
44120_at	ADCK2	5.38E-03	0.005118	0.026362
44654_at	G6PC3	-7.91E-03	0.001256	0.008329
44673_at	SIGLEC1	1.36E-02	3.72E-07	7.28E-06
44696_at	TBC1D13	-1.92E-02	9.41E-15	2.68E-12
44790_s_at	C13orf18	2.22E-02	2.82E-08	7.39E-07
45288_at	ABHD6	-2.23E-02	5.38E-16	2.99E-13
45297_at	EHD2	1.37E-02	1.31E-07	2.89E-06
45526_g_at	NAT15	-9.23E-03	1.24E-06	2.11E-05
45828_at	ATP5SL	-5.07E-03	0.004663	0.02449
46665_at	SEMA4C	7.82E-03	0.00042	0.003368
47069_at	PRR5	-1.12E-02	0.000907	0.006441
47560_at	LPHN1	1.09E-02	3.23E-06	4.89E-05
48030_i_at	C5orf4	8.33E-03	0.005405	0.027471
48808_at	DHFR	-1.02E-02	0.000259	0.00223
49306_at	RASSF4	-1.12E-02	1.18E-06	2.02E-05
49329_at	KLHL22	-5.36E-03	0.000107	0.001052
49452_at	ACACB	-8.05E-03	0.000382	0.003102
49679_s_at	MMP24	-8.67E-03	2.53E-05	0.000298
50400_at	PAOX	-6.53E-03	0.000982	0.006846
51146_at	PIGV	-6.48E-03	0.000345	0.002836
52078_at	TMEM222	-3.65E-03	0.006165	0.030418

52651_at	COL8A2	4.08E-03	0.002066	0.012587
52940_at	LOC100294402	-1.68E-02	3E-09	1.06E-07
53720_at	C19orf66	7.43E-03	0.00024	0.002093
54037_at	HPS4	-5.36E-03	0.00054	0.004176
55872_at	ZNF512B	-1.18E-02	0.000455	0.003608
56748_at	TRIM10	-9.76E-03	1.27E-05	0.000162
57539_at	ZGPAT	-1.97E-02	7.09E-07	1.29E-05
57540_at	RBKS	-9.84E-03	7.46E-06	0.000103
57715_at	CALHM2	5.75E-03	0.000181	0.00165
59625_at	NOL3	-7.41E-03	0.000755	0.005516
60474_at	FERMT1	-8.78E-03	0.002306	0.01375
632_at	GSK3A	-7.80E-03	4.55E-05	0.000501
64064_at	GIMAP5	1.21E-02	9E-06	0.00012
64408_s_at	CALML4	-1.41E-02	3.74E-07	7.29E-06
64418_at	SYNRG	-4.96E-03	0.008296	0.038527
64488_at	IRGQ	-5.78E-03	0.001335	0.008775
65718_at	GPR124	3.90E-03	0.004677	0.024526
89977_at	ACSM5	-2.45E-02	5.13E-10	2.32E-08
90265_at	ADAP1	4.26E-03	0.00668	0.032451
90610_at	LRCH4	7.99E-03	0.000193	0.001732
91703_at	EHBP1L1	8.85E-03	1.83E-05	0.000224
91826_at	EPS8L1	9.54E-03	0.000648	0.004868
AFFX-BioB-3_at		-1.88E-02	0.00335	0.018704
AFFX-BioB-5_at		-1.99E-02	0.003232	0.018148
AFFX-BioB-M_at		-1.92E-02	0.003202	0.01801
AFFX-HSAC07/X0035	ACTB	8.22E-03	0.003612	0.019887
AFFX-HUMGAPDH/M	GAPDH	-7.25E-03	7.69E-05	0.000789
AFFX-HUMISGF3A/M	STAT1	8.49E-03	0.000267	0.002286
AFFX-HUMISGF3A/M	STAT1	1.17E-02	4.51E-06	6.58E-05
AFFX-HUMISGF3A/M	STAT1	9.89E-03	0.002405	0.014255
AFFX-HUMISGF3A/M	STAT1	8.21E-03	0.000216	0.001906
AFFX-r2-Ec-bioB-3_at		-1.78E-02	0.004363	0.023175
AFFX-r2-Ec-bioB-5_at		-2.02E-02	0.002704	0.015663
AFFX-r2-Ec-bioB-M_at		-2.02E-02	0.002522	0.014793