

Table S4

probe	gene	effect	p.val	FDR
1294_at	UBA7	0.008294	3.06E-03	2.65E-02
1405_i_at	CCL5	0.032435	4.03E-10	1.28E-07
177_at	PLD1	-0.01376	1.20E-05	3.10E-04
200012_x_at	RPL21	0.004165	2.01E-03	1.91E-02
200017_at	RPS27A	0.005617	1.14E-03	1.22E-02
200018_at	RPS13	0.004572	6.60E-03	4.70E-02
200019_s_at	FAU	0.007561	3.67E-03	3.06E-02
200025_s_at	RPL27	0.004336	4.83E-03	3.75E-02
200028_s_at	STARD7	-0.00448	4.65E-03	3.63E-02
200030_s_at	SLC25A3	-0.00544	3.50E-03	2.95E-02
200032_s_at	RPL9	0.006555	8.49E-05	1.53E-03
200037_s_at	CBX3	0.006836	4.77E-03	3.71E-02
200042_at	C22orf28	-0.00553	7.06E-03	4.94E-02
200059_s_at	RHOA	0.008155	4.14E-05	8.43E-04
200062_s_at	RPL30	0.008623	3.19E-04	4.46E-03
200073_s_at	HNRNPD	0.004079	2.84E-03	2.50E-02
200092_s_at	RPL37	0.003413	2.66E-03	2.37E-02
200095_x_at	RPS10	0.005392	4.08E-04	5.39E-03
200099_s_at	RPS3A	0.006774	3.82E-05	7.88E-04
200606_at	DSP	-0.0076	1.34E-03	1.39E-02
200614_at	CLTC	-0.0055	3.02E-03	2.62E-02
200621_at	CSRP1	0.007937	1.02E-04	1.77E-03
200632_s_at	NDRG1	-0.00696	2.99E-04	4.25E-03
200639_s_at	YWHAZ	0.00694	3.57E-04	4.86E-03
200640_at	YWHAZ	0.005085	3.45E-03	2.92E-02
200642_at	SOD1	-0.00651	5.17E-05	1.02E-03
200644_at	MARCKSL1	0.020638	1.49E-10	6.52E-08
200653_s_at	CALM1	-0.00525	1.23E-04	2.07E-03
200655_s_at	CALM1	-0.00536	1.43E-04	2.34E-03
200657_at	SLC25A5	-0.00997	2.63E-08	2.77E-06
200659_s_at	PHB	-0.0085	3.38E-03	2.87E-02
200660_at	S100A11	0.01521	8.02E-06	2.25E-04
200661_at	CTSA	-0.00981	6.89E-03	4.85E-02
200664_s_at	DNAJB1	-0.00783	7.11E-03	4.97E-02
200665_s_at	SPARC	0.010806	1.18E-03	1.26E-02
200684_s_at	UBE2L3	-0.00903	8.77E-04	9.87E-03
200690_at	HSPA9	-0.0102	1.20E-03	1.27E-02
200691_s_at	HSPA9	-0.01112	1.12E-06	4.89E-05
200692_s_at	HSPA9	-0.00834	1.35E-06	5.59E-05
200708_at	GOT2	-0.00769	2.87E-04	4.10E-03
200715_x_at	RPL13A	0.007289	2.11E-05	4.86E-04
200734_s_at	ARF3	-0.00826	3.53E-03	2.97E-02
200741_s_at	RPS27	0.009589	4.05E-04	5.36E-03
200742_s_at	TPP1	-0.00822	9.44E-04	1.05E-02
200743_s_at	TPP1	-0.00755	3.84E-03	3.16E-02
200748_s_at	FTH1	-0.00533	1.19E-03	1.26E-02
200757_s_at	CALU	0.008416	1.05E-03	1.14E-02

200758_s_at	NFE2L1	-0.00995	8.78E-04	9.88E-03
200759_x_at	NFE2L1	-0.00648	1.75E-03	1.72E-02
200761_s_at	ARL6IP5	0.007415	7.14E-03	4.99E-02
200768_s_at	MAT2A	-0.01194	9.24E-09	1.26E-06
200769_s_at	MAT2A	-0.01085	2.90E-04	4.13E-03
200771_at	LAMC1	0.01077	7.46E-05	1.38E-03
200772_x_at	PTMA	0.007969	6.81E-05	1.27E-03
200773_x_at	PTMA	0.007423	7.49E-06	2.14E-04
200781_s_at	RPS15A	0.008249	7.91E-04	0.009097
200782_at	ANXA5	0.008432	4.76E-03	3.71E-02
200783_s_at	STMN1	0.006461	1.30E-03	1.36E-02
200788_s_at	PEA15	0.010801	3.31E-05	7.04E-04
200789_at	ECH1	-0.01065	7.84E-04	9.05E-03
200791_s_at	IQGAP1	0.007247	3.49E-03	2.94E-02
200793_s_at	ACO2	-0.0237	4.26E-08	3.97E-06
200795_at	SPARCL1	0.01112	2.52E-03	2.28E-02
200804_at	TMBIM6	-0.00921	5.21E-03	3.97E-02
200806_s_at	HSPD1	-0.00857	2.17E-03	2.02E-02
200807_s_at	HSPD1	-0.00874	2.56E-08	2.72E-06
200808_s_at	ZYX	0.011298	7.65E-05	1.41E-03
200817_x_at	RPS10	0.00812	1.00E-04	1.75E-03
200829_x_at	ZNF207	0.005121	3.05E-03	2.64E-02
200831_s_at	SCD	-0.01054	4.04E-03	3.29E-02
200832_s_at	SCD	-0.01629	2.86E-03	2.51E-02
200838_at	CTSB	-0.01112	9.05E-04	1.01E-02
200839_s_at	CTSB	-0.00864	9.01E-05	1.60E-03
200849_s_at	AHCYL1	-0.0073	4.79E-03	3.72E-02
200850_s_at	AHCYL1	-0.00758	6.64E-03	4.73E-02
200858_s_at	RPS8	0.007376	3.41E-04	4.69E-03
200864_s_at	RAB11A	0.009274	6.92E-03	4.87E-02
200872_at	S100A10	0.013351	4.73E-07	2.42E-05
200887_s_at	STAT1	0.01082	1.85E-03	1.79E-02
200892_s_at	TRA2B	0.006945	2.83E-04	4.06E-03
200896_x_at	HDGF	-0.00515	5.22E-06	1.61E-04
200897_s_at	PALLD	0.009218	3.48E-04	0.004762
200903_s_at	AHCY	-0.01758	1.10E-06	4.84E-05
200904_at	HLA-E	0.011077	2.47E-03	2.25E-02
200905_x_at	HLA-E	0.008087	2.50E-03	2.27E-02
200906_s_at	PALLD	0.007164	5.92E-03	4.37E-02
200907_s_at	PALLD	0.00894	2.90E-04	4.13E-03
200908_s_at	RPLP2	0.007399	6.20E-06	1.84E-04
200909_s_at	RPLP2	0.010133	2.34E-03	2.15E-02
200921_s_at	BTG1	0.006492	5.00E-04	6.34E-03
200924_s_at	SLC3A2	-0.00992	1.17E-03	1.24E-02
200933_x_at	RPS4X	0.003557	3.45E-03	2.91E-02
200934_at	DEK	0.006552	4.36E-03	3.47E-02
200946_x_at	GLUD1	-0.01322	5.38E-09	8.32E-07
200947_s_at	GLUD1	-0.01587	2.93E-09	5.4E-07
200948_at	MLF2	-0.00566	1.45E-03	1.47E-02

200951_s_at	CCND2	0.014014	4.42E-08	4.04E-06
200952_s_at	CCND2	0.026566	2.88E-11	2.15E-08
200953_s_at	CCND2	0.028843	8.62E-13	1.86E-09
200954_at	ATP6V0C	-0.00703	7.16E-05	1.33E-03
200955_at	IMMT	-0.00691	4.12E-03	0.033254
200958_s_at	SDCBP	0.005571	5.02E-03	3.86E-02
200961_at	SEPHS2	-0.01193	5.41E-10	1.52E-07
200963_x_at	RPL31	0.005012	6.04E-05	0.001153
200975_at	PPT1	0.005429	4.60E-03	3.62E-02
200978_at	MDH1	-0.01326	7.23E-08	5.75E-06
200979_at	PDHA1	-0.01437	2.17E-05	4.96E-04
200980_s_at	PDHA1	-0.00463	4.76E-03	0.037068
200986_at	SERPING1	0.019633	1.16E-04	0.001965
200998_s_at	CKAP4	0.009135	1.33E-04	2.20E-03
200999_s_at	CKAP4	0.008781	4.25E-04	5.56E-03
201004_at	SSR4	0.013724	3.90E-03	0.031958
201006_at	PRDX2	-0.00626	2.25E-04	3.36E-03
201007_at	HADHB	-0.00967	4.27E-07	2.23E-05
201008_s_at	TXNIP	0.008868	3.40E-03	0.028934
201009_s_at	TXNIP	0.01101	5.62E-03	0.041895
201010_s_at	TXNIP	0.008986	2.37E-04	0.003514
201012_at	ANXA1	0.026318	1.21E-08	1.53E-06
201020_at	YWHAH	0.010119	4.01E-03	0.032693
201029_s_at	CD99	0.004783	5.43E-03	4.10E-02
201030_x_at	LDHB	-0.00553	3.12E-05	0.000673
201034_at	ADD3	-0.01254	7.24E-09	1.04E-06
201035_s_at	HADH	-0.02105	2.05E-08	2.29E-06
201036_s_at	HADH	-0.02127	1.13E-10	5.76E-08
201037_at	PFKP	0.011856	1.22E-03	0.012843
201040_at	GNAI2	0.008267	6.19E-03	4.51E-02
201049_s_at	RPS18	0.008898	7.96E-05	1.46E-03
201061_s_at	STOM	-0.00788	3.64E-04	4.93E-03
201063_at	RCN1	0.011183	4.51E-05	9.05E-04
201069_at	MMP2	0.010058	5.74E-04	7.03E-03
201089_at	ATP6V1B2	-0.01374	1.24E-05	0.000316
201090_x_at	TUBA1B	0.008345	7.35E-04	8.59E-03
201093_x_at	SDHA	-0.00788	0.002704	0.02405
201102_s_at	PFKL	-0.00677	6.55E-03	4.68E-02
201105_at	LGALS1	0.024642	1.21E-06	5.15E-05
201116_s_at	CPE	0.013015	4.48E-03	3.54E-02
201120_s_at	PGRMC1	-0.01111	1.32E-04	0.002189
201121_s_at	PGRMC1	-0.00666	0.001001	0.01099
201127_s_at	ACLY	-0.00691	2.49E-03	2.26E-02
201135_at	ECHS1	-0.01794	2.55E-09	4.82E-07
201136_at	PLP2	0.025136	4.67E-10	1.39E-07
201137_s_at	HLA-DPB1	0.026732	3.12E-08	3.08E-06
201140_s_at	RAB5C	-0.00751	1.47E-03	1.49E-02
201141_at	GPNMB	0.01349	0.004498	0.035558
201157_s_at	NMT1	-0.0088	4.86E-03	0.03767

201163_s_at	IGFBP7	0.008058	9.05E-04	0.010118
201178_at	FBXO7	-0.0076	1.04E-04	0.001807
201186_at	LRPAP1	-0.00651	8.68E-04	0.009782
201188_s_at	ITPR3	0.011056	3.16E-04	0.004435
201189_s_at	ITPR3	0.006921	5.89E-03	0.04357
201193_at	IDH1	-0.01635	6.62E-08	5.4E-06
201212_at	LGMN	-0.0125	1.33E-04	0.002195
201227_s_at	NDUFB8	-0.00563	3.58E-03	0.03001
201242_s_at	ATP1B1	-0.01141	1.58E-06	6.31E-05
201243_s_at	ATP1B1	-0.00551	1.01E-03	0.011078
201254_x_at	RPS6	0.004156	1.25E-03	0.013086
201257_x_at	RPS3A	0.006008	1.15E-05	0.000299
201261_x_at	BGN	0.012507	3.63E-03	0.030325
201268_at	NME1-NME2	0.006468	1.24E-03	0.012994
201272_at	AKR1B1	0.010339	4.81E-05	0.000955
201278_at	DAB2	-0.00681	6.38E-04	7.69E-03
201279_s_at	DAB2	-0.01266	1.32E-06	5.5E-05
201280_s_at	DAB2	-0.01344	1.67E-05	4.05E-04
201282_at	OGDH	-0.01293	4.07E-03	0.033066
201284_s_at	APEH	-0.01036	5.03E-04	0.006363
201286_at	SDC1	-0.01252	0.000428	0.005595
201288_at	ARHGDI1B	0.020116	1.35E-09	3.04E-07
201289_at	CYR61	0.012948	0.005825	0.043157
201290_at	SEC11A	0.003082	2.36E-03	2.16E-02
201291_s_at	TOP2A	0.014163	2.39E-04	3.54E-03
201310_s_at	C5orf13	-0.0119	8.96E-05	0.001595
201313_at	ENO2	0.022807	6.94E-08	5.58E-06
201315_x_at	IFITM2	0.023386	2.35E-06	8.6E-05
201319_at	MYL12A	0.007007	2.54E-06	9.18E-05
201324_at	EMP1	0.011926	2.08E-03	0.019592
201325_s_at	EMP1	0.00888	7.48E-04	0.008698
201339_s_at	SCP2	-0.00945	3.24E-05	0.000695
201347_x_at	GRHPR	-0.01682	5.22E-07	2.64E-05
201348_at	GPX3	-0.00784	1.44E-04	0.00235
201349_at	SLC9A3R1	-0.01602	5.55E-10	1.53E-07
201368_at	ZFP36L2	0.007015	0.000286	0.004099
201391_at	TRAP1	-0.01175	3.19E-07	1.79E-05
201398_s_at	TRAM1	0.007503	6.65E-04	0.007945
201406_at	RPL36A	0.006613	1.48E-03	0.014956
201410_at	PLEKHB2	-0.00784	1.34E-03	0.013857
201415_at	GSS	-0.01337	4.32E-08	3.99E-06
201416_at	SOX4	0.018875	9.66E-06	2.63E-04
201425_at	ALDH2	-0.01341	8.30E-09	1.16E-06
201426_s_at	VIM	0.01839	3.37E-07	1.87E-05
201428_at	CLDN4	0.013282	7.43E-04	0.00865
201432_at	CAT	-0.01178	1.27E-05	0.000324
201438_at	COL6A3	0.011502	5.41E-03	0.040894
201489_at	PPIF	-0.00968	2.25E-06	8.34E-05
201494_at	PRCP	-0.00574	0.000478	0.00608

201497_x_at	MYH11	0.011601	4.44E-03	0.035167
201506_at	TGFBI	0.016553	3.26E-04	0.004543
201512_s_at	TOMM70A	-0.00861	3.93E-06	0.00013
201539_s_at	FHL1	0.016211	6.55E-04	0.007845
201540_at	FHL1	0.014946	1.07E-04	0.001839
201550_x_at	ACTG1	0.006031	1.59E-03	0.01579
201556_s_at	VAMP2	-0.00698	0.00021	0.003182
201560_at	CLIC4	-0.00807	0.002748	0.024386
201562_s_at	SORD	-0.02254	4.15E-09	6.95E-07
201563_at	SORD	-0.01988	9.41E-09	1.27E-06
201567_s_at	GOLGA4	-0.00599	1.62E-03	0.016072
201568_at	UQCRQ	-0.00877	0.003407	0.028934
201569_s_at	SAMM50	-0.01124	3.24E-05	0.000695
201570_at	SAMM50	-0.01218	1.76E-05	0.000419
201590_x_at	ANXA2	0.02019	7.89E-08	6.08E-06
201599_at	OAT	-0.01232	3.69E-06	0.000124
201601_x_at	IFITM1	0.021677	1.53E-06	6.17E-05
201612_at	ALDH9A1	-0.00779	0.000382	0.005129
201619_at	PRDX3	-0.00917	5.56E-06	0.000169
201621_at	NBL1	0.009654	0.002338	0.021479
201640_x_at	CLPTM1	-0.00741	9.21E-05	0.001629
201641_at	BST2	0.013883	9.09E-05	0.001614
201645_at	TNC	0.019808	8.09E-06	0.000226
201649_at	UBE2L6	0.007762	1.79E-03	0.017442
201650_at	KRT19	0.016077	0.00047	0.005996
201651_s_at	PACSIN2	-0.00734	4.64E-05	0.000928
201656_at	ITGA6	-0.00657	0.002182	0.020276
201666_at	TIMP1	0.033154	4.3E-10	1.33E-07
201667_at	GJA1	0.020318	1.66E-06	6.59E-05
201668_x_at	MARCKS	0.013699	3.47E-07	1.91E-05
201669_s_at	MARCKS	0.018057	2.84E-06	0.0001
201670_s_at	MARCKS	0.016691	7.50E-08	5.91E-06
201675_at	AKAP1	-0.00683	0.006889	0.048532
201682_at	PMPCB	-0.00793	3.35E-05	0.00071
201695_s_at	PNP	-0.01541	4.99E-05	0.000986
201701_s_at	PGRMC2	-0.00737	4.70E-03	0.036739
201708_s_at	NIPSNAP1	-0.01722	0.000136	0.002241
201709_s_at	NIPSNAP1	-0.0088	7.93E-05	0.001451
201714_at	TUBG1	-0.01518	5.99E-06	0.000179
201718_s_at	EPB41L2	0.011901	1.96E-04	0.003017
201719_s_at	EPB41L2	0.016184	4.18E-08	3.92E-06
201720_s_at	LAPTM5	0.019314	2.82E-05	0.000616
201721_s_at	LAPTM5	0.022726	8.52E-06	0.000236
201723_s_at	GALNT1	0.006896	3.98E-03	0.032525
201728_s_at	KIAA0100	-0.01054	2.78E-03	0.024561
201739_at	SGK1	-0.0116	2.02E-06	7.61E-05
201740_at	NDUFS3	-0.00766	2.25E-03	0.020854
201743_at	CD14	0.012577	1.14E-04	0.001937
201744_s_at	LUM	0.025826	4.57E-05	0.000916

201746_at	TP53	0.009613	1.67E-03	0.016525
201752_s_at	ADD3	-0.00767	0.000341	0.00469
201756_at	RPA2	0.007133	2.37E-03	0.021614
201761_at	MTHFD2	0.016484	0.000187	0.002897
201763_s_at	DAXX	0.008655	4.50E-03	0.035585
201785_at	RNASE1	0.023479	1.8E-06	6.94E-05
201787_at	FBLN1	0.009187	0.000308	0.004349
201792_at	AEBP1	0.014059	0.00031	0.004368
201798_s_at	MYOF	0.017298	1.57E-05	0.000387
201799_s_at	OSBP	-0.00999	1.2E-05	0.00031
201802_at	SLC29A1	0.008752	0.000594	0.007243
201818_at	LPCAT1	0.007695	0.003188	0.027365
201823_s_at	RNF14	-0.00668	0.002209	0.020492
201829_at	NET1	-0.00701	3.18E-03	0.02728
201830_s_at	NET1	-0.00936	8.23E-04	0.009391
201842_s_at	EFEMP1	0.01154	0.000198	0.003033
201848_s_at	BNIP3	-0.01495	2.00E-09	4.02E-07
201849_at	BNIP3	-0.01148	1.67E-05	0.000405
201851_at	SH3GL1	-0.00609	0.002518	0.02278
201852_x_at	COL3A1	0.018723	0.000519	0.006531
201858_s_at	SRGN	0.020094	6.31E-05	0.001197
201859_at	SRGN	0.016358	0.000177	0.002787
201874_at	MPZL1	0.012583	0.003728	0.030909
201876_at	PON2	0.009093	0.001303	0.013579
201889_at	FAM3C	0.008579	4.88E-03	3.78E-02
201890_at	RRM2	0.010217	2.57E-03	0.023129
201891_s_at	B2M	0.00892	2.86E-07	1.67E-05
201893_x_at	DCN	0.015959	0.000218	0.003285
201900_s_at	AKR1A1	-0.01369	6.65E-05	0.00125
201903_at	UQCRC1	-0.01315	0.000107	0.001845
201917_s_at	SLC25A36	-0.00764	7.79E-05	0.001431
201918_at	SLC25A36	-0.00929	5.20E-04	6.54E-03
201919_at	SLC25A36	-0.01008	2.09E-05	0.000483
201925_s_at	CD55	0.013784	5.65E-06	0.000171
201926_s_at	CD55	0.01491	1.19E-06	5.09E-05
201931_at	ETFA	-0.01504	5.53E-09	8.36E-07
201934_at	WDR82	0.007531	0.003203	0.027453
201939_at	PLK2	0.014789	1.02E-06	4.59E-05
201954_at	ARPC1B	0.010308	0.000104	0.001801
201963_at	ACSL1	-0.01817	3.44E-10	1.18E-07
201965_s_at	SETX	0.00579	3.46E-03	0.029229
201968_s_at	PGM1	-0.00974	2.86E-05	0.000625
201971_s_at	ATP6V1A	-0.00967	6.40E-03	0.04597
202002_at	ACAA2	-0.00885	0.000118	0.00199
202003_s_at	ACAA2	-0.01498	4.8E-10	1.41E-07
202016_at	MEST	0.013566	7.64E-05	0.00141
202017_at	EPHX1	-0.01157	1.10E-03	0.011855
202018_s_at	LTF	0.036799	2.04E-05	0.000474
202025_x_at	ACAA1	-0.01926	6.31E-09	9.19E-07

202026_at	SDHD	-0.0119	3.4E-05	0.00072
202027_at	TMEM184B	0.008528	0.001424	0.014481
202028_s_at	RPL38	0.00436	0.004367	0.034764
202035_s_at	SFRP1	0.011034	3.35E-04	0.004639
202037_s_at	SFRP1	0.012388	0.003704	0.030804
202053_s_at	ALDH3A2	-0.01421	1.67E-06	6.6E-05
202054_s_at	ALDH3A2	-0.01231	0.000166	0.002647
202070_s_at	IDH3A	-0.00756	0.002099	0.019738
202074_s_at	OPTN	-0.00558	0.004282	0.034276
202077_at	NDUFAB1	-0.00767	0.000893	0.010009
202084_s_at	SEC14L1	0.009838	0.005138	0.039227
202086_at	MX1	0.009329	5.27E-03	0.04002
202087_s_at	CTSL1	-0.00776	2.84E-04	0.004071
202088_at	SLC39A6	0.009295	0.000544	0.006744
202096_s_at	TSPO	0.007545	0.006355	0.045801
202104_s_at	SPG7	-0.00909	0.006686	0.047507
202108_at	PEPD	-0.02719	1.10E-11	1.03E-08
202112_at	VWF	0.017501	0.000223	0.003339
202116_at	DPF2	0.006613	0.003126	0.026959
202117_at	ARHGAP1	0.00623	0.006022	0.044245
202119_s_at	CPNE3	-0.00735	3.79E-03	0.031309
202139_at	AKR7A2	-0.01353	3.22E-04	0.004498
202156_s_at	CELF2	0.009012	0.000177	0.002776
202157_s_at	CELF2	0.012207	4.35E-03	0.034727
202158_s_at	CELF2	0.015043	6.72E-05	0.001261
202178_at	PRKCZ	-0.0102	0.000551	0.006819
202191_s_at	GAS7	0.012179	0.000196	0.003011
202192_s_at	GAS7	0.007864	0.006298	0.045537
202196_s_at	DKK3	0.014848	3.84E-06	0.000127
202206_at	ARL4C	0.017902	0.000432	0.005637
202207_at	ARL4C	0.021573	0.000107	0.001843
202208_s_at	ARL4C	0.007664	0.002001	0.019037
202209_at	LSM3	-0.00723	0.000115	0.001953
202210_x_at	GSK3A	-0.00747	0.000599	0.00729
202217_at	C21orf33	-0.01548	9.98E-07	4.48E-05
202235_at	SLC16A1	-0.01213	0.002971	0.025897
202236_s_at	SLC16A1	-0.01197	0.006232	0.045265
202237_at	NNMT	0.036791	7.6E-10	1.9E-07
202238_s_at	NNMT	0.033535	1.25E-09	2.85E-07
202242_at	TSPAN7	-0.01098	0.000146	0.002372
202250_s_at	DCAF8	-0.00845	0.001403	0.014321
202255_s_at	SIPA1L1	-0.00896	0.001577	0.015693
202266_at	TDP2	-0.0138	2.8E-06	9.92E-05
202267_at	LAMC2	0.00886	0.001473	0.014873
202271_at	FBXO28	-0.01118	0.0001	0.001746
202272_s_at	FBXO28	-0.01058	8.21E-04	0.009369
202275_at	G6PD	0.004915	5.57E-03	0.041697
202279_at	C14orf2	-0.00859	5.52E-05	0.001077
202280_at		-0.00844	0.000457	0.005887

202286_s_at	TACSTD2	0.018943	5.22E-05	0.001026
202291_s_at	MGP	0.021127	2.92E-05	6.35E-04
202295_s_at	CTSH	-0.0124	5.01E-06	0.000156
202299_s_at	HBXIP	-0.01036	3.35E-05	0.00071
202300_at	HBXIP	-0.01122	0.000275	0.003973
202303_x_at	SMARCA5	0.005535	0.002286	0.021096
202307_s_at	TAP1	0.016125	1.63E-08	1.93E-06
202309_at	MTHFD1	-0.01358	5.56E-09	8.36E-07
202310_s_at	COL1A1	0.018774	0.000125	0.002095
202311_s_at	COL1A1	0.011314	0.000367	0.004971
202313_at	PPP2R2A	-0.00597	0.000224	0.003349
202325_s_at	ATP5J	-0.00492	0.001332	0.013805
202345_s_at	FABP5	0.011369	0.001466	0.014811
202350_s_at	MATN2	0.010837	0.00308	0.026629
202353_s_at	PSMD12	-0.0126	2.19E-06	8.15E-05
202371_at	TCEAL4	0.005944	0.005363	0.040561
202382_s_at	GNPDA1	-0.01328	4.13E-06	0.000135
202391_at	BASP1	0.017049	0.002803	0.024729
202403_s_at	COL1A2	0.018056	7.42E-05	0.001377
202404_s_at	COL1A2	0.020802	0.000345	0.004731
202411_at	IFI27	0.01392	0.000248	0.003642
202422_s_at	ACSL4	0.015203	6.63E-05	0.001249
202427_s_at	BRP44	-0.00639	0.000198	0.00303
202430_s_at	PLSCR1	0.012762	0.001081	0.011676
202435_s_at	CYP1B1	0.017975	2.26E-06	8.35E-05
202436_s_at	CYP1B1	0.02827	1.51E-09	3.29E-07
202437_s_at	CYP1B1	0.023879	1.21E-08	1.53E-06
202440_s_at	ST5	0.010492	0.00122	0.012859
202441_at	ERLIN1	-0.00735	0.000552	0.006819
202443_x_at	NOTCH2	0.010149	1.05E-05	0.000281
202446_s_at	PLSCR1	0.015201	1.6E-07	1.04E-05
202447_at	DECR1	-0.00956	7.53E-08	5.91E-06
202449_s_at	RXRA	-0.00871	0.00011	0.001878
202450_s_at	CTSK	0.01475	0.000843	0.00955
202456_s_at	ZER1	-0.00897	0.000951	0.010533
202475_at	TMEM147	-0.00658	1.79E-03	0.017442
202484_s_at	MBD2	0.005293	0.000818	0.00935
202488_s_at	FXYD3	0.008175	0.002435	0.022152
202489_s_at	FXYD3	0.014168	0.000175	0.002754
202497_x_at	SLC2A3	0.012089	1.02E-03	0.011157
202498_s_at	SLC2A3	0.011935	0.006008	0.044169
202499_s_at	SLC2A3	0.015023	0.003109	0.026836
202502_at	ACADM	-0.01548	1.90E-05	0.000446
202503_s_at	KIAA0101	0.01353	9.58E-05	0.001685
202504_at	TRIM29	0.01108	2.07E-05	0.00048
202510_s_at	TNFAIP2	0.015115	0.000134	0.002213
202532_s_at	DHFR	-0.01304	0.000438	0.005707
202533_s_at	DHFR	-0.01023	0.00079	0.00909
202579_x_at	HMGN4	0.005236	0.006393	0.045924

202590_s_at	PDK2	-0.02048	7.81E-08	6.06E-06
202598_at	S100A13	0.02116	3.76E-10	1.27E-07
202603_at	ADAM10	0.007031	0.003828	0.031584
202614_at	SLC30A9	-0.00683	7.22E-06	0.000207
202622_s_at	ATXN2	-0.00761	1.79E-05	0.000425
202625_at	LYN	0.015287	0.000137	0.002254
202626_s_at	LYN	0.011187	0.000119	0.002014
202630_at	APPBP2	-0.00622	0.006274	0.045445
202637_s_at	ICAM1	0.012771	0.000499	0.006328
202638_s_at	ICAM1	0.009972	0.005539	0.041489
202643_s_at	TNFAIP3	0.008043	3.30E-04	0.004581
202644_s_at	TNFAIP3	0.012672	3.19E-05	0.000686
202648_at		0.011946	0.005148	0.039277
202649_x_at	RPS19	0.01368	0.000796	0.009129
202659_at	PSMB10	0.011703	3.36E-06	0.000116
202661_at	ITPR2	-0.0135	7.29E-05	0.001354
202663_at	WIPF1	0.007403	0.001348	0.013904
202665_s_at	WIPF1	0.007808	5.33E-04	0.006651
202669_s_at	EFNB2	0.009123	0.002439	0.022168
202675_at	SDHB	-0.01177	0.000163	0.002603
202685_s_at	AXL	0.008888	0.000183	0.002845
202686_s_at	AXL	0.018383	2.78E-07	1.62E-05
202690_s_at	SNRPD1	0.007399	0.000668	0.007959
202693_s_at	STK17A	0.014136	1.22E-05	0.000312
202719_s_at	TES	0.009782	0.0031	0.026775
202720_at	TES	0.016078	2.2E-06	8.16E-05
202727_s_at	IFNGR1	0.012777	8.69E-05	0.001558
202729_s_at	LTBP1	0.01196	0.003876	0.031838
202731_at	PDCD4	0.00811	0.005491	0.041226
202733_at	P4HA2	-0.01779	6.31E-07	3.12E-05
202735_at	EBP	-0.00959	1.10E-05	0.00029
202737_s_at	LSM4	-0.00563	0.006308	0.045582
202738_s_at	PHKB	-0.00736	4.21E-05	0.000852
202739_s_at	PHKB	-0.00714	0.004928	0.03804
202740_at	ABHD14A	-0.03064	5.58E-11	3.36E-08
202746_at	ITM2A	0.020398	2.81E-08	2.84E-06
202747_s_at	ITM2A	0.016284	0.000119	0.002015
202748_at	GBP2	0.02171	8.31E-08	6.27E-06
202752_x_at	SLC7A8	-0.02887	3.58E-07	1.95E-05
202759_s_at	AKAP2	-0.00801	0.006805	0.048081
202763_at	CASP3	0.009442	4.72E-05	0.000941
202765_s_at	FBN1	0.010495	0.001424	0.014481
202772_at	HMGCL	-0.01532	1.68E-07	1.08E-05
202780_at	OXCT1	-0.01121	0.004416	0.03505
202783_at	NNT	-0.01268	5.93E-05	0.001137
202784_s_at	NNT	-0.01163	1.14E-06	4.96E-05
202803_s_at	ITGB2	0.018616	4.62E-06	0.000146
202804_at	ABCC1	0.012198	0.000175	0.002762
202820_at	AHR	0.015897	2.03E-05	0.000473

202825_at	SLC25A4	-0.01077	1.74E-06	6.79E-05
202830_s_at	SLC37A4	-0.01626	1.03E-06	4.61E-05
202833_s_at	SERPINA1	-0.01564	5.51E-05	0.001076
202834_at	AGT	-0.02288	9.39E-08	6.93E-06
202847_at	PCK2	-0.02467	2.18E-09	4.27E-07
202850_at	ABCD3	-0.00705	0.003745	0.030999
202859_x_at	IL8	0.017123	0.003182	0.027326
202862_at	FAH	-0.01925	5.63E-06	0.000171
202864_s_at	SP100	0.011109	4.65E-06	0.000147
202866_at	DNAJB12	-0.00695	0.004261	0.034145
202867_s_at	DNAJB12	-0.00943	0.005178	0.039477
202872_at	ATP6V1C1	-0.01001	0.000665	0.007945
202874_s_at	ATP6V1C1	-0.00626	0.004219	0.033901
202888_s_at	ANPEP	-0.01972	4.44E-06	0.000143
202889_x_at	MAP7	-0.01693	3.04E-07	1.74E-05
202890_at	MAP7	-0.01192	4.77E-06	0.000149
202891_at	NIT1	-0.00985	0.000105	0.001815
202898_at	SDC3	0.014589	8.63E-08	6.47E-06
202901_x_at	CTSS	0.016038	1.82E-05	0.000431
202902_s_at	CTSS	0.022528	3.05E-07	1.74E-05
202912_at	ADM	-0.01131	0.001801	0.017559
202920_at	ANK2	-0.02435	1.9E-06	7.24E-05
202921_s_at	ANK2	-0.01699	0.00156	0.015566
202922_at	GCLC	-0.01121	0.000367	0.004975
202923_s_at	GCLC	-0.01388	4.47E-06	0.000143
202925_s_at	PLAGL2	-0.0078	0.000636	0.007673
202930_s_at	SUCLA2	-0.01164	2.07E-05	0.00048
202931_x_at	BIN1	-0.01165	0.00014	0.002299
202935_s_at	SOX9	0.016672	0.000362	0.004908
202936_s_at	SOX9	0.016948	0.000168	0.00266
202941_at	NDUFV2	-0.00798	0.000912	0.010169
202942_at	ETFB	-0.01219	0.000116	0.001973
202947_s_at	GYPC	0.016113	7.77E-06	0.00022
202949_s_at	FHL2	0.019559	6.23E-07	3.11E-05
202950_at	CRYZ	-0.00665	0.001892	0.018175
202953_at	C1QB	0.013244	0.006309	0.045582
202957_at	HCLS1	0.023363	4.13E-07	2.18E-05
202959_at	MUT	-0.00877	0.000864	0.009754
202960_s_at	MUT	-0.01127	4.41E-06	0.000142
202962_at	KIF13B	-0.00937	0.001091	0.011759
202965_s_at	CAPN6	0.016949	0.000197	0.003025
202966_at	CAPN6	0.011541	0.002098	0.019738
202968_s_at	DYRK2	0.007594	0.004211	0.033858
202972_s_at	FAM13A	-0.00832	5.96E-05	0.001142
202974_at	MPP1	-0.01572	4.05E-05	0.000827
202982_s_at	ACOT1	-0.01876	1.84E-05	0.000435
202988_s_at	RGS1	0.018122	0.000865	0.009754
202990_at	PYGL	0.007639	3.50E-03	0.029506
202992_at	C7	0.014437	0.000968	0.010682

202994_s_at	FBLN1	0.015469	0.000405	0.00536
203016_s_at	SSX2IP	-0.00901	0.003152	0.027147
203017_s_at	SSX2IP	-0.01	0.002828	0.024919
203018_s_at	SSX2IP	-0.00937	0.00131	0.013634
203021_at	SLPI	0.034871	1.17E-06	5.04E-05
203029_s_at	PTPRN2	0.011765	0.000258	0.003763
203030_s_at	PTPRN2	0.016978	1.72E-05	0.000415
203032_s_at	FH	-0.01066	0.003834	0.031594
203033_x_at	FH	-0.01029	9.30E-07	4.27E-05
203039_s_at	NDUFS1	-0.01236	2.21E-05	0.000503
203041_s_at	LAMP2	-0.00849	0.000352	0.004806
203042_at	LAMP2	-0.01077	0.000718	0.008422
203065_s_at	CAV1	0.013036	0.000438	0.005703
203066_at	CHST15	0.018886	1.08E-05	0.000286
203067_at	PDHX	-0.01039	2.69E-05	0.000594
203068_at	KLHL21	-0.00744	0.001762	0.017264
203071_at	SEMA3B	-0.00756	0.000536	0.006688
203083_at	THBS2	0.01542	0.001659	0.016395
203104_at	CSF1R	0.015083	0.002548	0.022974
203115_at	FECH	-0.01118	0.000301	0.004276
203129_s_at	KIF5C	0.008148	0.002229	0.020655
203131_at	PDGFRA	0.019038	0.000469	0.005996
203132_at	RB1	0.016105	4.4E-05	0.000885
203134_at	PICALM	-0.00644	0.000216	0.003252
203139_at	DAPK1	0.007902	0.000658	0.007878
203145_at	SPAG5	-0.03073	2.64E-12	3.92E-09
203151_at	MAP1A	0.007138	0.006275	0.045445
203154_s_at	PAK4	-0.00732	0.001252	0.013125
203157_s_at	GLS	-0.01455	6.17E-06	0.000184
203158_s_at	GLS	-0.01732	4.89E-09	7.73E-07
203159_at	GLS	-0.01509	1.7E-13	7.55E-10
203164_at	SLC33A1	-0.00867	0.000354	0.004826
203166_at	CFDP1	-0.00862	6.21E-05	0.001182
203167_at	TIMP2	0.012689	0.002352	0.021544
203178_at	GATM	-0.0161	7.54E-06	0.000215
203180_at	ALDH1A3	0.011629	0.000246	0.003625
203185_at	RASSF2	0.014071	4.94E-05	0.000978
203186_s_at	S100A4	0.020211	1.09E-05	0.000287
203188_at	B3GNT1	-0.00738	0.003282	0.028053
203190_at	NDUFS8	-0.00685	0.001189	0.012602
203199_s_at	MTRR	-0.01013	0.000258	0.003761
203200_s_at	MTRR	-0.01118	1.54E-03	0.015436
203206_at	FAM53B	-0.00757	0.002036	0.019303
203207_s_at	MTFR1	-0.01793	8.22E-10	2.01E-07
203208_s_at	MTFR1	-0.01299	7.91E-07	3.74E-05
203217_s_at	ST3GAL5	0.014279	0.00073	0.008539
203220_s_at	TLE1	0.010231	0.000446	0.005773
203221_at	TLE1	0.014003	2.09E-05	0.000483
203236_s_at	LGALS9	0.006001	0.004774	0.037134

203240_at	FCGBP	0.0074	0.002401	0.021875
203256_at	CDH3	0.018776	8.02E-07	3.78E-05
203261_at	DCTN6	-0.00529	0.002116	0.019862
203273_s_at	TUSC2	-0.00541	0.006052	0.044394
203278_s_at	PHF21A	0.007981	0.000457	0.005887
203280_at	SAFB2	-0.00789	4.21E-05	0.000852
203300_x_at	AP1S2	0.013376	0.000408	0.005388
203302_at	DCK	0.012641	0.002132	0.019977
203316_s_at	SNRPE	0.005626	0.000246	0.003625
203323_at	CAV2	0.007149	6.78E-03	0.047939
203332_s_at	INPP5D	0.008524	0.005132	0.039207
203335_at	PHYH	-0.01828	1.41E-10	6.52E-08
203340_s_at	SLC25A12	-0.0052	0.005711	0.042382
203344_s_at	RBBP8	0.008	0.003197	0.027412
203348_s_at	ETV5	0.006202	5.31E-03	0.040287
203350_at	AP1G1	-0.00532	0.001225	0.012895
203352_at	ORC4	-0.00925	0.001842	0.017871
203355_s_at	PSD3	0.014561	0.000342	0.004704
203372_s_at	SOCS2	-0.01103	0.000713	0.008378
203381_s_at	APOE	-0.02511	4.57E-06	0.000145
203382_s_at	APOE	-0.01579	9.43E-06	0.000258
203385_at	DGKA	0.027181	3.93E-08	3.71E-06
203397_s_at	GALNT3	0.011162	0.001756	0.017218
203402_at	KCNAB2	-0.01546	6.75E-07	3.29E-05
203409_at	DDB2	0.005656	0.004611	0.036201
203411_s_at	LMNA	0.006274	0.003448	0.029143
203414_at	MMD	0.012047	7.68E-06	0.000218
203416_at	CD53	0.029665	2.45E-07	1.46E-05
203423_at	RBP1	0.017689	1.27E-07	8.9E-06
203433_at	MTHFS	-0.0144	2.25E-08	2.45E-06
203434_s_at	MME	-0.02131	1.2E-06	5.1E-05
203435_s_at	MME	-0.02357	6.96E-08	5.58E-06
203438_at	STC2	-0.01751	3.68E-05	0.000763
203439_s_at	STC2	-0.01073	0.000139	0.002282
203458_at	SPR	-0.00903	0.000194	0.002986
203465_at	MRPL19	-0.00626	0.004399	0.034952
203466_at	MPV17	-0.00921	0.00216	0.020156
203471_s_at	PLEK	0.021358	1.43E-07	9.64E-06
203474_at	IQGAP2	-0.0176	1.19E-06	5.1E-05
203476_at	TPBG	0.018199	2.45E-07	1.46E-05
203478_at	NDUFC1	-0.00755	3.27E-05	0.000699
203484_at	SEC61G	0.007048	0.003032	0.026276
203485_at	RTN1	0.011824	0.000738	0.008607
203490_at	ELF4	0.005887	0.004139	0.03341
203499_at	EPHA2	0.007389	0.005074	0.038833
203500_at	GCDH	-0.01374	3.08E-05	0.000667
203501_at	PGCP	-0.00586	0.006395	0.045928
203508_at	TNFRSF1B	0.01262	3.09E-05	0.000668
203510_at	MET	0.006104	0.004178	0.033673

203514_at	MAP3K3	0.005318	0.004626	0.036239
203516_at	SNTA1	-0.00836	0.000133	0.002204
203523_at	LSP1	0.01014	0.001267	0.013261
203524_s_at	MPST	-0.0091	0.000378	0.005096
203533_s_at	CUL5	-0.00762	0.004733	0.03694
203535_at	S100A9	0.010305	0.000352	0.004806
203536_s_at	CIAO1	-0.00669	0.007123	0.049787
203541_s_at	KLF9	-0.00709	0.002907	0.025425
203542_s_at	KLF9	-0.01194	0.000935	0.010392
203543_s_at	KLF9	-0.01677	9.63E-06	0.000262
203546_at	IPO13	-0.01474	8.15E-08	6.19E-06
203547_at	CD4	0.011511	0.0002	0.003056
203551_s_at	COX11	-0.00876	0.00015	0.002418
203557_s_at	PCBD1	-0.00945	0.000668	0.007962
203559_s_at	ABP1	-0.02666	1.95E-05	0.000456
203560_at	GGH	-0.01994	5.51E-06	0.000168
203561_at	FCGR2A	0.015381	0.000213	0.003221
203562_at	FEZ1	0.010342	0.004618	0.036207
203566_s_at	AGL	-0.00758	0.004091	0.033101
203570_at	LOXL1	0.006633	0.004849	0.037585
203594_at	RTCD1	-0.00945	8.82E-06	0.000243
203603_s_at	ZEB2	0.017459	0.000237	0.003518
203606_at	NDUFS6	-0.0041	0.004375	0.034798
203608_at	ALDH5A1	-0.01803	1.63E-05	0.000398
203609_s_at	ALDH5A1	-0.01467	8.29E-07	3.89E-05
203619_s_at	FAIM2	0.006656	0.001796	0.017515
203627_at	IGF1R	-0.0109	0.002052	0.019408
203628_at	IGF1R	-0.00872	0.00424	0.034024
203635_at	DSCR3	-0.00852	0.007006	0.049126
203636_at	MID1	0.008791	0.006838	0.048269
203637_s_at	MID1	0.011435	0.002541	0.022934
203645_s_at	CD163	0.020451	3.17E-06	0.00011
203646_at	FDX1	-0.00642	0.004175	0.033664
203647_s_at	FDX1	-0.01272	2.61E-10	1.02E-07
203658_at	SLC25A20	-0.01178	0.005905	0.043659
203661_s_at	TMOD1	0.011664	0.000413	0.005441
203663_s_at	COX5A	-0.00653	7.83E-05	0.001436
203665_at	HMOX1	-0.01316	0.000532	0.006649
203669_s_at	DGAT1	-0.00528	0.005476	0.041205
203671_at	TPMT	-0.0127	4.25E-06	0.000139
203672_x_at	TPMT	-0.00785	1.8E-05	0.000428
203673_at	TG	-0.00848	0.000423	0.005555
203675_at	NUCB2	0.008958	0.005069	0.038833
203682_s_at	IVD	-0.01651	9.29E-08	6.87E-06
203697_at	FRZB	0.014384	0.000338	0.00466
203698_s_at	FRZB	0.015443	0.000498	0.006319
203711_s_at	HIBCH	-0.01933	1.98E-10	7.89E-08
203716_s_at	DPP4	-0.01121	0.004926	0.03804
203722_at	ALDH4A1	-0.01846	1.29E-05	0.000328

203725_at	GADD45A	-0.01367	6.02E-08	5.06E-06
203727_at	SKIV2L	-0.00634	0.001053	0.011441
203732_at	TRIP4	-0.00873	4.1E-05	0.000836
203753_at	TCF4	0.017414	3.3E-05	0.000703
203758_at	CTSO	0.007381	0.00117	0.012445
203760_s_at	SLA	0.008316	0.001124	0.012063
203761_at	SLA	0.017508	1.63E-05	0.000398
203769_s_at	STS	0.009334	0.003246	0.027779
203775_at	SLC25A13	-0.01531	1.9E-06	7.24E-05
203779_s_at	MPZL2	0.013444	1.17E-05	0.000303
203780_at	MPZL2	0.013546	5.5E-05	0.001075
203787_at	SSBP2	0.009046	0.001399	0.014296
203790_s_at	HRSP12	-0.02651	1.14E-10	5.76E-08
203791_at	DMXL1	-0.01105	1.61E-06	6.4E-05
203792_x_at	PCGF2	-0.01163	3.49E-05	0.00073
203799_at	CD302	0.015762	3.57E-05	0.000743
203812_at		0.010769	0.00623	0.045265
203814_s_at	NQO2	-0.02458	8.92E-09	1.23E-06
203824_at	TSPAN8	0.019204	0.00034	0.004675
203827_at	WIPI1	-0.00777	0.001315	0.013677
203832_at	SNRPF	0.005203	0.006781	0.047957
203851_at	IGFBP6	0.019479	3.01E-06	0.000105
203853_s_at	GAB2	0.006792	0.002133	0.019977
203859_s_at	PALM	-0.00902	0.000146	0.002372
203860_at	PCCA	-0.01061	1.22E-07	8.65E-06
203868_s_at	VCAM1	0.00901	0.006821	0.048162
203882_at	IRF9	0.007655	0.00278	0.024575
203886_s_at	FBLN2	0.008783	0.001378	0.014136
203892_at	WFDC2	0.02963	5.44E-10	1.52E-07
203894_at	TUBG2	-0.00859	0.000131	0.002178
203896_s_at	PLCB4	0.010904	0.002941	0.025682
203897_at	LYRM1	-0.00984	0.000371	0.005023
203900_at	KIAA0467	-0.0059	0.003014	0.02619
203908_at	SLC4A4	-0.02993	1.36E-12	2.33E-09
203910_at	ARHGAP29	0.00851	0.005072	0.038833
203913_s_at	HPGD	-0.02063	1.58E-05	0.000388
203914_x_at	HPGD	-0.02672	4.33E-09	7.15E-07
203917_at	CXADR	0.013555	2.55E-05	0.000564
203922_s_at	CYBB	0.020604	1.46E-05	0.000367
203923_s_at	CYBB	0.018169	1.75E-05	0.000418
203924_at	GSTA1	-0.03213	5.89E-09	8.75E-07
203926_x_at	ATP5D	-0.00818	0.001128	0.012099
203927_at	NFKBIE	0.006248	0.001365	0.014029
203928_x_at	MAPT	-0.01772	3.6E-05	0.000749
203929_s_at	MAPT	-0.0192	9.29E-07	4.27E-05
203930_s_at	MAPT	-0.02201	0.000442	0.005739
203932_at	HLA-DMB	0.012681	0.000269	0.003904
203933_at	RAB11FIP3	-0.01183	5.88E-05	0.001128
203936_s_at	MMP9	0.007277	0.001269	0.013272

203937_s_at	TAF1C	-0.00547	0.006796	0.048044
203945_at	ARG2	-0.00486	0.005608	0.041863
203950_s_at	CLCN6	-0.01107	0.001917	0.018385
203953_s_at	CLDN3	0.009546	0.000405	0.00536
203964_at	NMI	0.011876	9.85E-06	0.000266
203966_s_at	PPM1A	-0.00709	0.002602	0.023331
203971_at	SLC31A1	-0.01258	5.74E-08	4.88E-06
203972_s_at	PEX3	-0.00981	0.000474	0.006043
203979_at	CYP27A1	-0.01158	1.18E-05	0.000306
203986_at	FAM47E	-0.01077	0.000256	0.003737
204000_at	GNB5	-0.00883	0.000216	0.003258
204006_s_at	FCGR3A	0.011046	0.006283	0.045457
204019_s_at	SH3YL1	-0.01177	8.84E-05	0.001579
204027_s_at	METTL1	-0.01302	5.54E-05	0.001077
204031_s_at	PCBP2	-0.00815	0.003667	0.030564
204032_at	BCAR3	-0.00975	0.002176	0.020251
204036_at	LPAR1	0.015432	0.000144	0.00235
204037_at	LPAR1	0.01912	3.72E-06	0.000124
204038_s_at	LPAR1	0.017651	1.48E-05	0.00037
204041_at	MAOB	-0.01344	1.41E-05	0.000355
204043_at	TCN2	-0.01393	8.71E-05	0.00156
204044_at	QPRT	-0.02267	8.67E-09	1.21E-06
204057_at	IRF8	0.018165	1.51E-08	1.83E-06
204066_s_at	AGAP1	-0.01343	0.000538	0.006699
204067_at	SUOX	-0.01459	7.54E-06	0.000215
204083_s_at	TPM2	0.015027	1.59E-05	0.000391
204103_at	CCL4	0.008688	0.001327	0.01376
204105_s_at	NRCAM	-0.0118	0.001876	0.018056
204114_at	NID2	0.009776	0.00507	0.038833
204115_at	GNG11	0.012457	6.92E-06	0.000201
204116_at	IL2RG	0.023179	3.06E-06	0.000106
204118_at	CD48	0.033844	7.35E-08	5.81E-06
204122_at	TYROBP	0.019107	0.000123	0.002065
204125_at	NDUFAF1	-0.00889	0.002163	0.020182
204130_at	HSD11B2	-0.01514	0.000101	0.001764
204137_at	GPR137B	-0.01745	6.75E-07	3.29E-05
204142_at	ENOSF1	-0.0177	2.81E-08	2.84E-06
204143_s_at	ENOSF1	-0.01495	8.7E-07	4.05E-05
204153_s_at	MFNG	0.00726	0.002105	0.019777
204162_at	NDC80	0.010454	0.001398	0.014296
204167_at	BTD	-0.01071	0.00631	0.045582
204168_at	MGST2	-0.00691	8E-05	0.001462
204174_at	ALOX5AP	0.021296	1.74E-05	0.000418
204185_x_at	PPID	-0.0079	0.000127	0.00211
204192_at	CD37	0.010366	0.000309	0.004356
204198_s_at	RUNX3	0.0115	0.00208	0.019612
204200_s_at	PDGFB	-0.00522	0.004904	0.037929
204205_at	APOBEC3G	0.02019	9.38E-06	0.000258
204220_at	GMFG	0.02223	1.73E-06	6.79E-05

204221_x_at	GLIPR1	0.006316	0.003166	0.027231
204222_s_at	GLIPR1	0.018042	7.16E-06	0.000206
204224_s_at	GCH1	-0.02106	1.72E-08	2.02E-06
204231_s_at	FAAH	-0.01017	0.002167	0.020199
204232_at	FCER1G	0.026236	2.99E-07	1.72E-05
204236_at	FLI1	0.012017	0.000664	0.007937
204242_s_at	ACOX3	-0.01019	8.49E-05	0.001533
204254_s_at	VDR	-0.00922	0.006702	0.047575
204255_s_at	VDR	-0.01035	0.000793	0.009108
204259_at	MMP7	0.028145	6.45E-08	5.34E-06
204264_at	CPT2	-0.00892	0.000337	0.004653
204265_s_at	GPSM3	0.007697	0.004021	0.032776
204268_at	S100A2	0.012424	0.001787	0.017442
204269_at	PIM2	0.008197	0.001112	0.01196
204271_s_at	EDNRB	0.010998	0.005695	0.042322
204279_at	PSMB9	0.023104	6.00E-08	5.06E-06
204289_at	LOC100506517	-0.02354	3E-10	1.1E-07
204290_s_at	ALDH6A1	-0.02555	3.12E-12	4.26E-09
204294_at	AMT	-0.01459	4.07E-07	2.15E-05
204295_at	SURF1	-0.00762	0.001788	0.017444
204300_at	PET112L	-0.01219	8.62E-05	0.001548
204304_s_at	PROM1	0.031289	9.87E-09	1.31E-06
204319_s_at	RGS10	0.017385	3.24E-07	1.8E-05
204326_x_at	MT1X	-0.01259	0.000764	0.008855
204328_at	TMC6	0.014081	3.91E-07	2.1E-05
204345_at	COL16A1	0.009636	0.000397	0.005285
204347_at	AK4	-0.02222	1.34E-07	9.32E-06
204348_s_at	AK4	-0.01595	3.17E-07	1.79E-05
204352_at	TRAF5	0.010576	0.000468	0.005983
204359_at	FLRT2	0.010647	0.006263	0.045415
204379_s_at	FGFR3	-0.01132	0.004267	0.034167
204385_at	KYNU	-0.01789	1.57E-05	0.000387
204388_s_at	MAOA	-0.02781	1.05E-09	2.46E-07
204389_at	MAOA	-0.02216	3.2E-07	1.79E-05
204415_at	IFI6	0.011417	0.000157	0.002515
204429_s_at	SLC2A5	-0.01206	0.000917	0.010223
204430_s_at	SLC2A5	-0.0243	2.75E-08	2.82E-06
204436_at	PLEKHO2	0.012696	1.72E-06	6.75E-05
204438_at	MRC1	0.015512	0.000651	0.007824
204439_at	IFI44L	0.014103	0.000422	0.005539
204446_s_at	ALOX5	0.011346	0.001878	0.018059
204447_at	ProSAPiP1	-0.01207	5.85E-05	0.001124
204456_s_at	GAS1	0.007391	0.000442	0.005739
204464_s_at	EDNRA	0.010721	0.006036	0.044287
204470_at	CXCL1	0.016963	0.000839	0.009534
204476_s_at	PC	-0.01481	9.8E-07	4.43E-05
204479_at	OSTF1	0.008083	0.001642	0.016244
204488_at	DOLK	-0.00721	0.006227	0.045256
204489_s_at	CD44	0.024304	1.94E-05	0.000453

204490_s_at	CD44	0.021881	6.26E-06	0.000185
204501_at	NOV	0.010519	1.06E-05	0.000281
204502_at	SAMHD1	0.020422	2.6E-06	9.38E-05
204505_s_at	EPB49	-0.00847	0.005589	0.041768
204510_at	CDC7	0.014523	0.000256	0.003737
204517_at	PPIC	0.007483	0.001901	0.01825
204528_s_at	NAP1L1	0.009193	1.54E-09	3.33E-07
204532_x_at	UGT1A1	-0.01608	3.21E-05	0.00069
204533_at	CXCL10	0.008825	0.005606	0.041863
204547_at	RAB40B	-0.00623	0.004043	0.032891
204563_at	SELL	0.018091	1.49E-05	0.00037
204565_at	ACOT13	-0.01519	7.32E-08	5.81E-06
204579_at	FGFR4	-0.00589	0.006692	0.047539
204584_at	L1CAM	0.00974	0.002094	0.019712
204588_s_at	SLC7A7	-0.02627	7.03E-08	5.62E-06
204589_at	NUAK1	0.014966	2.14E-05	0.000491
204594_s_at	SMCR7L	-0.01055	9.49E-05	0.001672
204604_at	CDK14	-0.00951	0.000219	0.003296
204606_at	CCL21	0.029298	1.55E-08	1.86E-06
204608_at	ASL	-0.01553	9.58E-05	0.001685
204615_x_at	IDI1	-0.0061	0.00018	0.002812
204619_s_at	VCAN	0.015248	6.28E-05	0.001193
204620_s_at	VCAN	0.028693	2.88E-07	1.67E-05
204626_s_at	ITGB3	0.018611	0.00263	0.023495
204627_s_at	ITGB3	0.017784	0.000376	0.005081
204628_s_at	ITGB3	0.0113	0.006945	0.048835
204629_at	PARVB	-0.01037	0.000649	0.007799
204638_at	ACP5	-0.01763	7.63E-06	0.000217
204655_at	CCL5	0.022971	2.48E-08	2.68E-06
204658_at	TRA2A	0.009188	0.001873	0.018047
204661_at	CD52	0.028109	1.22E-05	0.000312
204670_x_at	HLA-DRB1	0.013227	0.006277	0.045445
204680_s_at	RAPGEF5	0.007388	0.003032	0.026276
204683_at	ICAM2	0.008854	0.001863	0.018004
204693_at	CDC42EP1	0.009325	0.001278	0.013365
204694_at	AFP	-0.00611	0.000674	0.007996
204698_at	ISG20	0.019359	4.51E-06	0.000144
204703_at	IFT88	-0.007	0.000108	0.001859
204704_s_at	ALDOB	-0.03384	2.18E-08	2.39E-06
204705_x_at	ALDOB	-0.02981	1.39E-08	1.72E-06
204720_s_at	DNAJC6	-0.01019	0.005074	0.038833
204731_at	TGFBR3	-0.00948	0.001996	0.019007
204745_x_at	MT1G	-0.01436	0.002853	0.025103
204774_at	EVI2A	0.026789	8.81E-07	4.09E-05
204780_s_at	FAS	0.017316	4.47E-08	4.06E-06
204781_s_at	FAS	0.012419	1.51E-05	0.000375
204785_x_at	IFNAR2	0.01298	3.97E-07	2.12E-05
204786_s_at	IFNAR2	0.017212	7.89E-05	0.001446
204798_at	MYB	0.014622	0.00019	0.002932

204806_x_at	HLA-F	0.013722	4.01E-05	0.000819
204812_at	ZW10	-0.01125	0.000311	0.004382
204817_at	ESPL1	-0.01386	9.21E-05	0.001629
204820_s_at	BTN3A2	0.013266	0.000311	0.004382
204824_at	ENDOG	-0.01071	2.44E-05	0.000545
204829_s_at	FOLR2	0.018894	1.51E-06	6.1E-05
204834_at	FGL2	0.021072	5.42E-09	8.33E-07
204836_at	GLDC	-0.01697	4.29E-07	2.23E-05
204844_at	ENPEP	-0.01733	8.28E-05	0.001505
204845_s_at	ENPEP	-0.01705	0.001055	0.01145
204846_at	CP	0.022372	1.85E-05	0.000437
204868_at	ICT1	-0.00627	0.000513	0.006471
204872_at	TLE4	0.009366	0.003744	0.030999
204882_at	ARHGAP25	0.019677	7.84E-07	3.72E-05
204885_s_at	MSLN	0.008576	0.000326	0.00454
204890_s_at	LCK	0.011923	0.000147	0.002384
204912_at	IL10RA	0.013041	0.000222	0.003328
204922_at	C11orf80	0.007192	0.00452	0.035651
204923_at	SASH3	0.019245	7.5E-06	0.000214
204924_at	TLR2	0.011486	0.001293	0.013493
204925_at	CTNS	-0.00855	0.006151	0.044941
204931_at	TCF21	0.011638	0.001321	0.013722
204932_at	TNFRSF11B	0.014409	7.37E-07	3.53E-05
204934_s_at	HPN	-0.01477	0.000283	0.004071
204951_at	RHOH	0.019292	1.16E-05	0.000302
204955_at	SRPX	0.008521	0.00046	0.005908
204959_at	MNDA	0.022613	9.63E-06	0.000262
204960_at	PTPRCAP	0.00839	0.003362	0.02862
204961_s_at	NCF1	0.008242	0.002587	0.023233
204963_at	SSPN	0.009546	0.004009	0.032706
204964_s_at	SSPN	0.009178	0.000106	0.001823
204969_s_at	RDX	-0.01171	0.001716	0.016863
204970_s_at	MAFG	-0.00725	0.000988	0.010867
204971_at	CSTA	0.021014	1.15E-05	0.000299
204972_at	OAS2	0.013951	2.84E-06	0.0001
204975_at	EMP2	0.008763	0.006581	0.046961
204977_at	DDX10	-0.01325	0.00033	0.004581
204979_s_at	SH3BGR	-0.01098	0.000242	0.003576
204981_at	SLC22A18	-0.0129	0.002391	0.021791
204982_at	GIT2	0.010268	0.002147	0.020072
204989_s_at	ITGB4	0.009261	0.002332	0.021454
204994_at	MX2	0.010835	0.000246	0.00362
204997_at	GPD1	-0.01423	0.004515	0.035637
205012_s_at	HAGH	-0.018	1.74E-08	2.02E-06
205038_at	IKZF1	0.0074	0.006363	0.045801
205039_s_at	IKZF1	0.016324	1.09E-05	0.000287
205044_at	GABRP	0.017116	1.39E-06	5.72E-05
205045_at	AKAP10	-0.00644	0.000262	0.003817
205052_at	AUH	-0.0155	2.16E-09	4.26E-07

205065_at	ENPP1	-0.01196	0.001505	0.015138
205073_at	CYP2J2	-0.0147	0.00027	0.003904
205074_at	SLC22A5	-0.01669	1.04E-06	4.62E-05
205075_at	SERPINF2	-0.01421	2.67E-06	9.57E-05
205079_s_at	MPDZ	-0.01108	0.001536	0.015393
205081_at	CRIP1	0.029182	3.38E-11	2.15E-08
205082_s_at	AOX1	-0.01605	0.000521	0.006536
205083_at	AOX1	-0.02046	5.12E-05	0.001009
205108_s_at	APOB	-0.00658	0.00691	0.048636
205110_s_at	FGF13	0.009237	0.002658	0.023709
205133_s_at	HSPE1	-0.00575	0.002772	0.024544
205137_x_at	USH1C	-0.01029	0.004521	0.035651
205141_at	ANG	-0.01147	0.003539	0.029743
205147_x_at	NCF4	0.008531	0.006708	0.047607
205149_s_at	CLCN4	-0.00694	0.001139	0.012167
205153_s_at	CD40	0.005724	0.00146	0.014766
205157_s_at	KRT17	0.006095	0.006467	0.046341
205158_at	RNASE4	-0.01063	0.003833	0.031594
205159_at	CSF2RB	0.019842	6.17E-06	0.000184
205164_at	GCAT	-0.01198	9.86E-05	0.001726
205166_at	CAPN5	-0.01	0.004402	0.034958
205174_s_at	QPCT	0.014376	0.000505	0.006387
205175_s_at	KHK	-0.01733	4.31E-06	0.00014
205194_at	PSPH	-0.01114	0.000387	0.005183
205201_at	GLI3	-0.00835	0.001478	0.014904
205203_at	PLD1	-0.01434	4.36E-05	0.000879
205208_at	ALDH1L1	-0.02406	9.54E-10	2.26E-07
205213_at	ACAP1	0.007789	0.002063	0.019493
205214_at	STK17B	0.01877	2.23E-07	1.37E-05
205216_s_at	APOH	-0.03156	1.26E-07	8.86E-06
205219_s_at	GALK2	-0.00879	0.002365	0.021609
205221_at	HGD	-0.01712	1.54E-08	1.86E-06
205222_at	EHHADH	-0.01726	1.49E-07	9.88E-06
205229_s_at	COCH	-0.01217	0.003911	0.032067
205231_s_at	EPM2A	-0.01012	0.000592	0.007227
205234_at	SLC16A4	-0.01024	0.000223	0.003339
205242_at	CXCL13	0.011114	0.00177	0.017327
205243_at	SLC13A3	-0.03873	6.57E-11	3.85E-08
205244_s_at	SLC13A3	-0.03649	1.26E-10	6.25E-08
205246_at	PEX13	-0.00978	0.001343	0.013863
205267_at	POU2AF1	0.028748	1.09E-05	0.000287
205269_at	LCP2	0.013867	0.000394	0.005255
205270_s_at	LCP2	0.016418	0.000432	0.005644
205278_at	GAD1	-0.01403	0.000181	0.002818
205285_s_at	FYB	0.018475	9.3E-05	0.001643
205291_at	IL2RB	0.013759	1.75E-06	6.81E-05
205298_s_at	BTN2A2	0.008437	0.002295	0.021162
205301_s_at	OGG1	-0.00828	0.001781	0.017428
205303_at	KCNJ8	0.016326	0.000214	0.003228

205304_s_at	KCNJ8	0.020049	1.36E-05	0.000343
205306_x_at	KMO	-0.03062	2.03E-08	2.27E-06
205307_s_at	KMO	-0.03263	1.66E-10	6.99E-08
205311_at	DDC	-0.02949	3.43E-09	5.97E-07
205322_s_at	MTF1	0.007229	0.000452	0.005842
205328_at	CLDN10	-0.01041	0.000179	0.0028
205329_s_at	SNX4	-0.00699	2.49E-06	9.02E-05
205336_at	PVALB	-0.0164	0.000943	0.010463
205341_at	EHD2	0.008729	0.001354	0.013936
205342_s_at	SULT1C2	-0.01072	0.00205	0.0194
205343_at	SULT1C2	-0.01376	2.29E-09	4.4E-07
205350_at	CRABP1	-0.0137	0.000104	0.001805
205352_at	SERPINI1	-0.01335	0.000885	0.009942
205353_s_at	PEBP1	-0.00914	2.89E-05	0.000631
205355_at	ACADSB	-0.02065	6E-10	1.63E-07
205363_at	BBOX1	-0.00994	0.003924	0.032148
205364_at	ACOX2	-0.0299	1.88E-09	3.87E-07
205369_x_at	DBT	-0.01187	9.56E-05	0.001683
205380_at	PDZK1	-0.01398	7.73E-10	1.91E-07
205382_s_at	CFD	0.008915	0.006696	0.047553
205392_s_at	CCL14	0.013303	0.001194	0.012632
205395_s_at	MRE11A	0.007759	0.002859	0.025113
205412_at	ACAT1	-0.01602	1.6E-07	1.04E-05
205419_at	GPR183	0.01662	0.00083	0.009446
205430_at	BMP5	0.010115	0.004067	0.033028
205440_s_at	NPY1R	0.013883	0.001364	0.014027
205441_at	OCEL1	-0.00899	0.003472	0.029298
205442_at	MFAP3L	-0.01356	1.13E-06	4.92E-05
205448_s_at	MAP3K12	-0.01222	5.45E-06	0.000166
205456_at	CD3E	0.008595	0.005484	0.041205
205464_at	SCNN1B	-0.00833	0.000202	0.003081
205478_at	PPP1R1A	-0.01192	0.001981	0.018919
205483_s_at	ISG15	0.007201	0.005859	0.04339
205484_at	SIT1	0.008043	0.006279	0.045445
205488_at	GZMA	0.027675	1.44E-07	9.64E-06
205489_at	CRYM	-0.01728	4.76E-09	7.64E-07
205498_at	GHR	-0.01633	8.04E-06	0.000225
205499_at	SRPX2	0.010334	0.00207	0.019539
205501_at	PDE10A	-0.0171	5.68E-05	0.001099
205502_at	CYP17A1	-0.02074	4.58E-05	0.000916
205504_at	BTK	0.009394	0.000619	0.007498
205505_at	GCNT1	0.008233	0.002878	0.025242
205506_at	VIL1	-0.01336	0.000519	0.006529
205507_at	ARHGEF15	0.006066	0.006973	0.049018
205512_s_at	AIFM1	-0.01477	3.92E-05	0.000806
205528_s_at	RUNX1T1	0.014617	0.000166	0.002647
205530_at	ETFDH	-0.01786	1.08E-10	5.74E-08
205543_at	HSPA4L	-0.00792	0.000672	0.007992
205557_at	BPI	-0.01537	0.000386	0.00517

205569_at	LAMP3	0.011034	0.001786	0.017442
205572_at	ANGPT2	0.010311	0.004634	0.036274
205582_s_at	GGT5	0.008325	0.000583	0.007125
205587_at	FGFR1OP	-0.00758	0.000963	0.010643
205588_s_at	FGFR1OP	-0.00704	0.001147	0.012231
205592_at	SLC4A1	-0.02244	2.83E-06	0.0001
205614_x_at	MST1	-0.01202	0.000458	0.005891
205617_at	PRRG2	-0.00612	0.004627	0.036239
205624_at	CPA3	0.034049	2.27E-08	2.47E-06
205625_s_at	CALB1	-0.01911	0.000132	0.002188
205626_s_at	CALB1	-0.01446	0.000154	0.002478
205633_s_at	ALAS1	-0.00997	0.002953	0.02577
205640_at	ALDH3B1	-0.00966	0.006325	0.045669
205642_at	CEP110	0.00877	0.000417	0.005491
205653_at	CTSG	0.029578	4.73E-13	1.51E-09
205659_at	HDAC9	0.009676	0.003205	0.027457
205665_at	TSPAN9	-0.0065	0.003596	0.030113
205666_at	FMO1	-0.01673	3.14E-05	0.000677
205668_at	LY75	0.012522	0.000147	0.002384
205671_s_at	HLA-DOB	0.011392	0.000303	0.004299
205673_s_at	ASB9	-0.01931	1.7E-07	1.09E-05
205675_at	MTTP	-0.03136	7.79E-08	6.06E-06
205676_at	CYP27B1	-0.02773	2.23E-05	0.000505
205681_at	BCL2A1	0.01481	0.000277	0.003995
205682_x_at	APOM	-0.02447	4.17E-05	0.000847
205683_x_at	TPSAB1	0.018035	8.34E-06	0.000232
205686_s_at	CD86	0.013719	3.44E-05	0.000726
205689_at	PCNXL2	0.006151	0.005946	0.043847
205694_at	TYRP1	-0.01571	0.001317	0.013689
205696_s_at	GFRA1	0.017132	4.7E-06	0.000148
205710_at	LRP2	-0.01558	3.99E-05	0.000817
205711_x_at	ATP5C1	-0.0066	0.000528	0.006616
205712_at	PTPRD	-0.01589	2.39E-05	0.000536
205713_s_at	COMP	0.014312	1.88E-05	0.000442
205715_at	BST1	-0.00726	0.006978	0.049027
205719_s_at	PAH	-0.0207	6.83E-06	0.000199
205728_at	ODZ1	-0.00817	0.003597	0.030113
205730_s_at	ABLIM3	-0.01483	0.00084	0.009534
205733_at	BLM	0.00664	0.005637	0.042027
205738_s_at	FABP3	-0.00846	0.005664	0.042172
205750_at	BPHL	-0.02211	3.28E-11	2.15E-08
205751_at	SH3GL2	-0.01575	6.35E-05	0.001202
205752_s_at	GSTM5	0.010967	0.001194	0.012632
205757_at	ENTPD5	-0.02409	3.32E-10	1.18E-07
205758_at	CD8A	0.010593	0.000515	0.006492
205760_s_at	OGG1	-0.01617	9.93E-08	7.25E-06
205761_s_at	DUS4L	-0.01191	0.000817	0.009342
205768_s_at	SLC27A2	-0.01852	3.56E-05	0.000742
205769_at	SLC27A2	-0.01735	0.000116	0.001971

205774_at	F12	0.007813	0.005338	0.040475
205776_at	FMO5	-0.01936	1.62E-05	0.000396
205777_at	DUSP9	-0.01124	0.006443	0.046211
205782_at	FGF7	0.013461	0.003889	0.031911
205786_s_at	ITGAM	0.022818	1.65E-07	1.06E-05
205789_at	CD1D	0.009627	0.001941	0.018598
205798_at	IL7R	0.028169	3.24E-08	3.12E-06
205799_s_at	SLC3A1	-0.00777	0.000754	0.008763
205824_at	HSPB2	0.006146	0.001867	0.018027
205826_at	MYOM2	-0.01425	0.000171	0.002704
205831_at	CD2	0.009989	0.001035	0.011275
205843_x_at	CRAT	-0.00813	0.002578	0.023206
205844_at	VNN1	-0.02222	2.63E-05	0.000581
205850_s_at	GABRB3	-0.01046	0.000515	0.006492
205859_at	LY86	0.01336	3.22E-05	0.000692
205860_x_at	FOLH1	-0.02936	1.82E-07	1.14E-05
205882_x_at	ADD3	-0.00916	5.71E-05	0.001103
205887_x_at	MSH3	-0.00578	0.002842	0.025017
205890_s_at	GABBR1	0.014547	4.69E-05	0.000936
205892_s_at	FABP1	-0.03819	1.4E-07	9.56E-06
205896_at	SLC22A4	-0.02144	1.23E-07	8.71E-06
205898_at	CX3CR1	0.011981	0.000315	0.004432
205907_s_at	OMD	0.008773	0.002032	0.019266
205910_s_at	CEL	-0.01355	0.006386	0.04589
205911_at	PTH1R	-0.01443	2.99E-06	0.000105
205922_at	VNN2	0.00881	0.000809	0.009262
205931_s_at	CREB5	0.011574	9.81E-05	0.00172
205934_at	PLCL1	-0.01167	0.000142	0.002327
205939_at	CYP3A7	-0.02472	3.48E-07	1.91E-05
205942_s_at	ACSM3	-0.01568	4.7E-06	0.000148
205945_at	IL6R	-0.00836	0.00645	0.046249
205963_s_at	DNAJA3	-0.01021	0.000114	0.001943
205978_at	KL	-0.02697	4.64E-09	7.56E-07
205983_at	DPEP1	-0.0249	8.88E-09	1.23E-06
205987_at	CD1C	0.024967	1.28E-06	5.37E-05
205988_at	CD84	0.011163	1.93E-05	0.000453
205991_s_at	PRRX1	0.013984	7.9E-05	0.001447
205996_s_at	AK2	-0.01058	3.69E-05	0.000764
205999_x_at	CYP3A4	-0.01254	0.000336	0.004642
206011_at	CASP1	0.018841	5.63E-06	0.000171
206022_at	NDP	0.00803	0.002664	0.023728
206024_at	HPD	-0.03945	3.1E-07	1.76E-05
206030_at	ASPA	-0.0268	1.3E-11	1.16E-08
206034_at	SERPINB8	0.012024	0.000766	0.008866
206054_at	KNG1	-0.0163	0.000219	0.003297
206065_s_at	DPYS	-0.02394	2.93E-07	1.69E-05
206068_s_at	ACADL	-0.01219	6.66E-05	0.001252
206069_s_at	ACADL	-0.02026	5.76E-08	4.88E-06
206085_s_at	CTH	-0.01067	0.000161	0.002577

206089_at	NELL1	-0.01736	2.11E-05	0.000486
206094_x_at	UGT1A1	-0.01701	1.33E-05	0.000335
206095_s_at	SRSF10	-0.00672	0.006262	0.045415
206099_at	PRKCH	0.013155	0.000327	0.004548
206116_s_at	TPM1	0.010251	3.28E-05	0.0007
206117_at	TPM1	0.010421	0.000868	0.009782
206118_at	STAT4	0.014019	0.000178	0.002792
206119_at	BHMT	-0.02403	6.22E-08	5.21E-06
206129_s_at	ARSB	-0.01632	0.000114	0.001949
206133_at	XAF1	0.012226	0.000144	0.002347
206134_at	ADAMDEC1	0.009747	0.005588	0.041768
206149_at	CHP2	-0.01168	0.000304	0.004305
206155_at	ABCC2	-0.02586	4.17E-07	2.19E-05
206197_at	NME5	-0.00707	0.001351	0.013923
206214_at	PLA2G7	0.01562	0.000103	0.001786
206217_at	EDA	-0.00699	0.001994	0.019003
206219_s_at	VAV1	0.009564	0.001398	0.014296
206226_at	HRG	-0.0165	0.000221	0.003314
206235_at	LIG4	-0.00737	0.006384	0.04589
206239_s_at	SPINK1	-0.02109	0.001135	0.012159
206242_at	TM4SF5	-0.01055	0.000125	0.002093
206247_at	MICB	0.008425	0.00496	0.038223
206249_at	MAP3K13	-0.00972	0.002588	0.023233
206254_at	EGF	-0.04162	1.18E-13	6.59E-10
206259_at	PROC	-0.01875	1.82E-06	6.96E-05
206263_at	FMO4	-0.01578	5.21E-06	0.000161
206294_at	HSD3B2	-0.00793	0.000821	0.00937
206296_x_at	MAP4K1	0.016357	1.51E-06	6.1E-05
206313_at	HLA-DOA	0.010477	0.000166	0.002639
206325_at	SERPINA6	-0.02665	4.48E-07	2.32E-05
206332_s_at	IFI16	0.023229	3.46E-10	1.18E-07
206336_at	CXCL6	0.015065	0.002839	0.025004
206337_at	CCR7	0.009497	0.004919	0.037994
206346_at	PRLR	-0.02619	2.73E-10	1.04E-07
206348_s_at	PDK3	-0.01277	0.000457	0.005887
206350_at	APCS	0.006666	0.006004	0.044158
206363_at	MAF	-0.02008	2.06E-07	1.28E-05
206366_x_at	XCL1	0.014313	1.32E-05	0.000335
206369_s_at	PIK3CG	0.009848	0.001546	0.015459
206385_s_at	ANK3	-0.00782	2.18E-05	0.000498
206391_at	RARRES1	0.012213	0.00478	0.037169
206396_at	SLC1A1	-0.01319	0.00059	0.00721
206401_s_at	MAPT	-0.0184	1.02E-05	0.000273
206420_at	IGSF6	0.019633	2.47E-05	0.000551
206431_x_at	TBC1D9B	-0.00571	0.003929	0.032176
206457_s_at	DIO1	-0.03354	2.52E-08	2.68E-06
206461_x_at	MT1H	-0.01334	0.000381	0.005123
206469_x_at	AKR7A3	-0.02665	3.2E-09	5.69E-07
206483_at	LRRC6	-0.00656	0.002507	0.022709

206484_s_at	XPNPEP2	-0.03971	3.92E-10	1.28E-07
206485_at	CD5	0.004865	0.001873	0.018047
206492_at	FHIT	-0.01788	1.96E-08	2.2E-06
206496_at	FMO3	0.01041	0.004621	0.03622
206499_s_at	RCC1	0.006185	0.006259	0.045415
206500_s_at	C14orf106	0.01917	4.28E-08	3.97E-06
206513_at	AIM2	0.016129	0.000179	0.002797
206514_s_at	CYP4F2	-0.03037	5.2E-08	4.57E-06
206515_at	CYP4F3	-0.02581	3.2E-07	1.79E-05
206519_x_at	SIGLEC6	0.006725	0.003746	0.031001
206522_at	MGAM	-0.02436	5.63E-08	4.84E-06
206527_at	ABAT	-0.02588	1.61E-07	1.04E-05
206535_at	SLC2A2	-0.02382	7.92E-06	0.000223
206539_s_at	CYP4F12	-0.0058	0.003438	0.029128
206541_at	KLKB1	-0.01099	3.03E-05	0.000659
206542_s_at	SMARCA2	0.005891	0.000887	0.009956
206545_at	CD28	0.015439	7.37E-07	3.53E-05
206580_s_at	EFEMP2	0.010373	9.18E-05	0.001628
206584_at	LY96	0.025975	9.02E-07	4.16E-05
206599_at	SLC16A5	0.00597	0.004476	0.035413
206600_s_at	SLC16A5	0.014208	7.13E-06	0.000206
206610_s_at	F11	-0.02253	1.49E-10	6.52E-08
206628_at	SLC5A1	-0.01893	0.000542	0.00674
206659_at		0.008815	0.004316	0.03445
206662_at	GLRX	-0.01093	1.8E-05	0.000428
206666_at	GZMK	0.016879	9.08E-05	0.001613
206682_at	CLEC10A	0.007746	0.004308	0.034424
206687_s_at	PTPN6	0.009318	0.000261	0.003792
206693_at	IL7	0.007843	0.005913	0.043688
206695_x_at	ZNF43	0.006862	0.002338	0.021479
206704_at	CLCN5	-0.0132	1.05E-06	4.66E-05
206707_x_at	FAM65B	0.009632	0.001426	0.014488
206710_s_at	EPB41L3	-0.01582	6.55E-07	3.23E-05
206715_at	TFEC	-0.01515	0.000503	0.006363
206716_at	UMOD	-0.03449	2.28E-05	0.000516
206726_at	HPGDS	0.023107	1.56E-07	1.03E-05
206742_at	FIGF	0.011183	0.004175	0.033664
206746_at	BFSP1	0.01069	0.00023	0.003419
206748_s_at	SPAG9	-0.01059	0.000335	0.004639
206754_s_at	CYP2B6	-0.02191	8.19E-05	0.001491
206755_at	CYP2B6	-0.02096	0.000398	0.005301
206756_at	CHST7	0.010564	4.73E-05	0.000942
206767_at	RBMS3	0.011903	0.000533	0.006656
206770_s_at	SLC35A3	-0.00758	0.005495	0.041238
206775_at	CUBN	-0.02975	5.49E-07	2.76E-05
206788_s_at	CBFB	0.007848	0.00017	0.002698
206804_at	CD3G	0.01552	1.82E-05	0.000431
206809_s_at	HNRNPA3	0.004484	0.000621	0.00751
206818_s_at	CNNM2	-0.01178	0.000357	0.004865

206840_at	AFM	-0.03353	1.45E-07	9.68E-06
206846_s_at	HDAC6	-0.01924	1.91E-07	1.19E-05
206870_at	PPARA	-0.01499	0.000235	0.003497
206872_at	SLC17A1	-0.01764	0.000561	0.006915
206878_at	DAO	-0.03403	1.25E-09	2.85E-07
206910_x_at	CFHR2	0.009146	8.64E-05	0.00155
206925_at	ST8SIA4	0.01476	3.8E-06	0.000127
206930_at	GLYAT	-0.02023	2.39E-06	8.76E-05
206950_at	SCN9A	-0.01132	0.002794	0.024673
206952_at	G6PC	-0.02786	6.08E-06	0.000182
206955_at	AQP7	-0.01849	1.48E-05	0.000369
206957_at	AGXT	-0.0202	3.47E-05	0.000729
206963_s_at	NAT8	-0.0222	0.000113	0.001923
206964_at	NAT8B	-0.01895	3.09E-05	0.000668
206974_at	CXCR6	0.010958	0.000269	0.003904
206978_at	CCR2	0.017492	3.56E-06	0.000121
206983_at	CCR6	0.015539	2.28E-07	1.39E-05
206991_s_at	CCR5	0.015307	8.51E-06	0.000236
207007_at	NR1I3	-0.01937	1.76E-06	6.81E-05
207016_s_at	ALDH1A2	0.013148	0.002494	0.022612
207017_at	RAB27B	0.01274	9.76E-07	4.43E-05
207018_s_at	RAB27B	0.013699	7.36E-06	0.000211
207040_s_at	ST13	-0.00638	0.001035	0.011275
207044_at	THR3	-0.01193	6.52E-07	3.22E-05
207047_s_at	CLCNKA	-0.0137	0.000794	0.009108
207049_at	SCN8A	-0.0139	9.76E-06	0.000264
207050_at	CACNA2D1	-0.00908	0.000107	0.001846
207051_at	SLC17A4	-0.01152	0.006984	0.049047
207052_at	HAVCR1	0.021991	0.000761	0.00883
207057_at	SLC16A7	-0.01095	0.003537	0.029743
207063_at	NCRNA00185	-0.01214	0.000173	0.002734
207071_s_at	ACO1	-0.01888	1.03E-08	1.35E-06
207076_s_at	ASS1	-0.02303	2.45E-07	1.46E-05
207081_s_at	PI4KA	-0.01287	0.000101	0.001757
207095_at	SLC10A2	-0.01642	0.001811	0.017628
207105_s_at	PIK3R2	-0.00685	0.002013	0.019121
207124_s_at	GNB5	-0.01108	3.65E-06	0.000123
207126_x_at	UGT1A1	-0.01595	1.72E-05	0.000414
207131_x_at	GGT1	-0.01185	0.000418	0.005491
207134_x_at	TPSB2	0.018385	6.78E-07	3.3E-05
207141_s_at	KCNJ3	-0.01684	1.29E-06	5.4E-05
207142_at	KCNJ3	-0.01672	1.31E-06	5.47E-05
207184_at	SLC6A13	-0.01549	8.92E-07	4.13E-05
207191_s_at	ISLR	0.009022	0.00652	0.04664
207211_at	USP2	-0.02499	4.15E-07	2.18E-05
207212_at	SLC9A3	-0.01213	1.6E-05	0.000392
207213_s_at	USP2	-0.03776	6.18E-09	9.06E-07
207237_at	KCNA3	0.010366	0.000529	0.006622
207238_s_at	PTPRC	0.026694	1.49E-06	6.03E-05

207243_s_at	CALM2	0.004723	5.52E-05	0.001077
207275_s_at	ACSL1	-0.01899	1.07E-06	4.72E-05
207277_at	CD209	0.025252	7.47E-10	1.89E-07
207291_at	PRRG4	-0.01048	0.001367	0.014042
207315_at	CD226	0.009467	0.002583	0.023221
207320_x_at	STAU1	-0.01028	2.04E-06	7.67E-05
207332_s_at	TFRC	-0.01101	0.006081	0.044558
207334_s_at	TGFBR2	0.012573	0.002102	0.01976
207339_s_at	LTB	0.018785	2.78E-08	2.84E-06
207344_at	AKAP3	-0.00604	0.004068	0.033028
207352_s_at	GABRB2	-0.00858	0.001406	0.014346
207362_at	SLC30A4	-0.0106	0.000893	0.010009
207378_at	TREH	-0.0092	0.001674	0.016525
207387_s_at	GK	-0.01994	3.11E-08	3.08E-06
207388_s_at	PTGES	0.005535	0.002818	0.024842
207400_at	NPY5R	0.009731	0.003887	0.031906
207407_x_at	CYP4A11	-0.02401	5.21E-08	4.57E-06
207419_s_at	RAC2	0.007717	0.00038	0.005111
207429_at	SLC22A2	-0.01055	0.000211	0.00319
207444_at	SLC22A13	-0.01923	7.85E-08	6.07E-06
207456_at	HNF4G	-0.01346	0.000188	0.002903
207480_s_at	MEIS2	0.01021	0.00114	0.012168
207485_x_at	BTN3A1	0.006849	0.007046	0.049331
207486_x_at	CHN2	-0.00738	0.000655	0.007845
207496_at	MS4A2	0.00784	0.002153	0.020122
207497_s_at	MS4A2	0.014997	4.95E-06	0.000154
207507_s_at	ATP5G3	-0.00605	0.003011	0.026168
207508_at	ATP5G3	-0.00521	0.003024	0.026235
207522_s_at	ATP2A3	0.008593	0.000953	0.01055
207535_s_at	NFKB2	0.007151	0.005359	0.040561
207540_s_at	SYK	0.007257	0.005459	0.0411
207544_s_at	ADH6	-0.02252	4.32E-06	0.00014
207545_s_at	NUMB	-0.00825	0.000832	0.009468
207560_at	SLC28A1	-0.01416	2.74E-05	0.000603
207567_at	SLC13A2	-0.02093	3.44E-08	3.29E-06
207571_x_at	C1orf38	0.012411	0.000123	0.002065
207574_s_at	GADD45B	-0.00993	0.006276	0.045445
207584_at	LPA	-0.00813	0.001966	0.018792
207610_s_at	EMR2	0.00923	0.003704	0.030804
207651_at	GPR171	0.017178	6.9E-05	0.001288
207655_s_at	BLNK	0.00985	0.002545	0.022962
207677_s_at	NCF4	0.00953	0.003144	0.027098
207688_s_at		0.006838	0.000745	0.008674
207697_x_at	LILRB2	0.009017	0.001147	0.01223
207705_s_at	NINL	-0.01538	3.08E-07	1.75E-05
207707_s_at	SEC13	-0.00832	3.27E-05	0.000699
207709_at	PRKAA2	-0.00897	1.52E-05	0.000375
207729_at	CDH9	-0.00626	0.004092	0.033101
207741_x_at	TPSAB1	0.020271	2.27E-06	8.36E-05

207761_s_at	METTL7A	-0.00969	5.53E-07	2.78E-05
207766_at	CDKL1	-0.0119	0.000793	0.009108
207771_at	SLC5A2	-0.01227	0.003587	0.030072
207777_s_at	SP140	0.010676	0.001422	0.014481
207826_s_at	ID3	0.007039	0.003545	0.029781
207837_at	RBPMS	-0.00754	0.0026	0.023331
207843_x_at	CYB5A	-0.01482	1.49E-09	3.29E-07
207851_s_at	INSR	-0.01513	0.000372	0.005023
207858_s_at	PKLR	-0.03356	3.39E-10	1.18E-07
207871_s_at	ST7	-0.00811	0.001137	0.012161
207894_s_at	TCL6	-0.01429	6.6E-05	0.001245
207904_s_at	LNPEP	0.008139	0.005538	0.041489
207945_s_at	CSNK1D	-0.00783	0.005349	0.040513
207950_s_at	ANK3	-0.00911	0.00077	0.008906
207957_s_at	PRKCB	0.015428	0.000123	0.002066
207958_at	UGT2A1	-0.01281	0.006344	0.045748
207981_s_at	ESRRG	-0.01534	3.59E-07	1.95E-05
208002_s_at	ACOT7	-0.01528	1.32E-05	0.000335
208006_at	FOX11	-0.01072	0.000284	0.004071
208010_s_at	PTPN22	0.009556	0.001192	0.012627
208012_x_at	SP110	0.013243	1.82E-06	6.96E-05
208018_s_at	HCK	0.007944	0.000455	0.00587
208029_s_at	LAPTM4B	0.009196	0.003407	0.028934
208034_s_at	PROZ	-0.0227	0.000187	0.002897
208056_s_at	CBFA2T3	0.007497	0.00394	0.032245
208083_s_at	ITGB6	0.029575	7.15E-06	0.000206
208084_at	ITGB6	0.030903	1.85E-05	0.000435
208091_s_at	VOPP1	0.0138	3.01E-06	0.000105
208092_s_at	FAM49A	0.013599	5.68E-05	0.001099
208116_s_at	MAN1A1	-0.00831	0.000597	0.007276
208131_s_at	PTGIS	0.011561	0.001196	0.012646
208146_s_at	CPVL	0.014438	0.000858	0.009685
208147_s_at	CYP2C8	-0.00861	0.001555	0.015529
208153_s_at	FAT2	-0.00605	0.005485	0.041205
208169_s_at	PTGER3	-0.00901	0.001533	0.015367
208177_at	SLC34A1	-0.03523	9.95E-09	1.31E-06
208184_s_at	TRAPPC10	-0.00768	0.003213	0.027518
208189_s_at	MYO7A	-0.00781	0.004001	0.032658
208228_s_at	FGFR2	-0.00796	0.00378	0.031224
208229_at	FGFR2	-0.01039	0.00357	0.029967
208284_x_at	GGT1	-0.01295	0.000464	0.005938
208296_x_at	TNFAIP8	0.017839	1.19E-08	1.52E-06
208306_x_at	HLA-DRB1	0.009887	0.006542	0.046758
208317_at	XYLB	-0.00649	0.006104	0.04466
208318_s_at	XYLB	-0.02178	6.44E-05	0.001217
208321_s_at	CABP1	-0.00812	0.002662	0.023728
208322_s_at	ST3GAL1	-0.01086	0.001762	0.017264
208335_s_at	DARC	0.009349	0.002119	0.019867
208354_s_at	SLC12A3	-0.01846	0.002988	0.026003

208367_x_at	CYP3A4	-0.01132	4.94E-05	0.000978
208369_s_at	GCDH	-0.02126	5.63E-09	8.41E-07
208383_s_at	PCK1	-0.02165	3E-06	0.000105
208398_s_at	TBPL1	0.007531	0.001304	0.013587
208423_s_at	MSR1	0.017252	6.21E-05	0.001182
208429_x_at	HNF4A	-0.02027	2.5E-05	0.000555
208436_s_at	IRF7	0.007625	0.00409	0.033101
208438_s_at	FGR	0.011712	9.96E-05	0.00174
208449_s_at	FGF8	0.005158	0.006166	0.044988
208450_at	LGALS2	-0.01084	0.004304	0.034401
208456_s_at	RRAS2	-0.0089	0.000443	0.005745
208473_s_at	GP2	-0.00963	0.004314	0.03445
208540_x_at	S100A11	0.007996	0.000653	0.007833
208549_x_at	PTMA	0.004341	0.000856	0.009672
208561_at	ABCC9	0.017469	0.00049	0.006224
208581_x_at	MT1X	-0.01333	0.004085	0.033101
208589_at	TRPC7	-0.0104	0.000601	0.007313
208596_s_at	UGT1A1	-0.01836	1.13E-05	0.000297
208607_s_at	SAA1	0.010395	0.000577	0.007073
208616_s_at	PTP4A2	0.00377	0.006091	0.044606
208617_s_at	PTP4A2	0.005047	0.004577	0.036014
208636_at	ACTN1	0.013996	3.51E-05	0.000734
208637_x_at	ACTN1	0.012335	0.00123	0.012938
208653_s_at	CD164	-0.00879	0.000972	0.010718
208659_at	CLIC1	0.00831	0.000803	0.009207
208660_at	CS	-0.00577	0.00079	0.009089
208666_s_at	ST13	-0.00734	0.000175	0.002758
208667_s_at	ST13	-0.0081	0.000673	0.007996
208678_at	ATP6V1E1	-0.00802	7.91E-08	6.08E-06
208679_s_at	ARPC2	0.009633	0.005795	0.042946
208687_x_at	HSPA8	-0.00587	0.000233	0.003466
208690_s_at	PDLIM1	0.018718	4.89E-08	4.36E-06
208692_at	RPS3	0.007659	0.005254	0.039958
208705_s_at	EIF5	-0.00674	0.002301	0.021202
208706_s_at	EIF5	-0.00516	0.000824	0.009391
208707_at	EIF5	-0.01295	8.63E-06	0.000238
208708_x_at	EIF5	-0.00493	0.0004	0.005312
208713_at	HNRNPUL1	0.004965	0.002887	0.025298
208717_at	OXA1L	-0.00807	0.001386	0.014193
208729_x_at	HLA-B	0.014563	0.001128	0.012101
208747_s_at	C1S	0.024911	1.77E-08	2.04E-06
208752_x_at	NAP1L1	0.008544	6.41E-06	0.000189
208753_s_at	NAP1L1	0.007895	0.003677	0.030623
208754_s_at	NAP1L1	0.010823	0.000336	0.004643
208769_at	EIF4EBP2	-0.01339	0.000543	0.006744
208770_s_at	EIF4EBP2	-0.00815	9.74E-07	4.43E-05
208777_s_at	PSMD11	-0.006	0.00477	0.037113
208782_at	FSTL1	0.010405	0.002766	0.024507
208789_at	PTRF	0.012369	0.000228	0.003396

208790_s_at	PTRF	0.01127	0.000379	0.005107
208791_at	CLU	0.016611	0.001814	0.017649
208792_s_at	CLU	0.013955	0.004945	0.038132
208796_s_at	CCNG1	-0.00558	0.005185	0.0395
208804_s_at	SRSF6	-0.00767	0.000273	0.003955
208807_s_at	CHD3	0.007566	0.000317	0.00445
208808_s_at	HMGB2	0.011792	2.54E-05	0.000562
208812_x_at	HLA-C	0.011222	0.000892	0.010009
208813_at	GOT1	-0.0144	3.24E-07	1.8E-05
208816_x_at	ANXA2P2	0.014581	6.52E-08	5.38E-06
208829_at	TAPBP	0.011862	0.001679	0.016556
208830_s_at	SUPT6H	-0.00755	0.00504	0.038705
208837_at	TMED3	0.008855	0.003257	0.027865
208840_s_at	G3BP2	-0.00594	0.002626	0.023474
208847_s_at	ADH5	-0.00766	6.14E-05	0.00117
208848_at	ADH5	-0.00914	0.001537	0.015393
208850_s_at	THY1	-0.01677	0.00134	0.013857
208851_s_at	THY1	-0.01965	6.07E-05	0.001158
208858_s_at	ESYT1	0.006692	0.005763	0.042748
208864_s_at	TXN	-0.00893	2.51E-05	0.000556
208868_s_at	GABARAPL1	-0.00916	2.22E-05	0.000505
208869_s_at	GABARAPL1	-0.00559	0.001117	0.012003
208870_x_at	ATP5C1	-0.00812	6.63E-05	0.001249
208881_x_at	IDI1	-0.00588	0.000688	0.008132
208885_at	LCP1	0.022095	2.17E-07	1.34E-05
208894_at	HLA-DRA	0.019367	0.000546	0.006761
208898_at	ATP6V1D	-0.00646	0.006724	0.047675
208901_s_at	TOP1	-0.00423	0.002425	0.022072
208903_at	RPS28	-0.006	0.004535	0.03575
208909_at	UQCRRFS1	-0.00786	0.000461	0.00591
208910_s_at	C1QBP	-0.0086	0.000139	0.002282
208914_at	GGA2	-0.01227	6.56E-05	0.001239
208921_s_at	SRI	0.007317	0.002579	0.023206
208944_at	TGFBR2	0.011887	5.8E-05	0.001117
208948_s_at	STAU1	-0.01054	1.39E-05	0.00035
208950_s_at	ALDH7A1	-0.01379	5.39E-06	0.000165
208951_at	ALDH7A1	-0.01444	0.000134	0.002213
208965_s_at	IFI16	0.023802	2.54E-09	4.82E-07
208966_x_at	IFI16	0.025742	8.84E-10	2.14E-07
208969_at	NDUFA9	-0.0084	8.96E-05	0.001595
208981_at	PECAM1	0.010927	0.000284	0.004071
208982_at	PECAM1	0.011946	0.001581	0.015712
208983_s_at	PECAM1	0.016299	0.00565	0.042079
208997_s_at	UCP2	0.02229	1.16E-06	4.99E-05
208998_at	UCP2	0.017937	2.2E-05	0.000501
209001_s_at	ANAPC13	-0.00544	0.006511	0.046611
209003_at	SLC25A11	-0.01269	6.93E-06	0.000201
209004_s_at	FBXL5	-0.00896	0.000408	0.005386
209005_at	FBXL5	-0.01311	2.44E-05	0.000545

209017_s_at	LONP1	-0.00929	0.000774	0.00894
209019_s_at	PINK1	-0.00748	0.007045	0.049331
209036_s_at	MDH2	-0.00744	0.000673	0.007996
209040_s_at	PSMB8	0.014942	4.69E-06	0.000148
209051_s_at	RALGDS	0.006121	0.004737	0.036962
209061_at	NCOA3	0.007495	0.000371	0.005016
209065_at	UQCRB	-0.00794	0.003613	0.030215
209077_at	TXN2	-0.00981	0.001023	0.011182
209083_at	CORO1A	0.017941	2.27E-06	8.36E-05
209087_x_at	MCAM	0.009341	0.005924	0.043726
209094_at	DDAH1	-0.00817	2.16E-06	8.06E-05
209095_at	DLD	-0.00891	0.00039	0.005213
209099_x_at	JAG1	0.008415	0.004975	0.038295
209111_at	RNF5	-0.00767	0.001011	0.011073
209112_at	CDKN1B	0.009147	0.00123	0.012938
209118_s_at	TUBA1A	0.014219	1.74E-05	0.000418
209120_at	NR2F2	0.009569	8.96E-07	4.14E-05
209122_at	PLIN2	-0.0181	1.61E-05	0.000393
209123_at	QDPR	-0.02461	1.44E-10	6.52E-08
209138_x_at	IGL@	0.035424	2.87E-05	0.000628
209140_x_at	HLA-B	0.013663	0.000382	0.005123
209146_at	SC4MOL	-0.00525	0.004595	0.03613
209160_at	AKR1C3	-0.01066	0.003442	0.02914
209161_at	PRPF4	-0.00969	0.000338	0.00466
209167_at	GPM6B	0.021116	1.9E-05	0.000446
209168_at	GPM6B	0.01113	0.000739	0.008615
209169_at	GPM6B	0.008007	0.0062	0.045092
209170_s_at	GPM6B	0.013961	0.000725	0.00849
209173_at	AGR2	0.045169	4.86E-15	5.41E-11
209177_at	NDUFAF3	-0.00669	0.00214	0.020021
209180_at	RABGGTB	-0.00577	0.005411	0.040891
209183_s_at	C10orf10	0.01605	0.004906	0.037929
209191_at	TUBB6	0.021685	1.93E-06	7.33E-05
209198_s_at	SYT11	0.01508	0.000174	0.002742
209199_s_at	MEF2C	0.009294	0.00063	0.007598
209201_x_at	CXCR4	0.024345	2.5E-05	0.000555
209205_s_at	LMO4	0.010014	6.43E-05	0.001215
209209_s_at	FERMT2	-0.00765	0.005975	0.043972
209222_s_at	OSBPL2	-0.00772	1.03E-05	0.000276
209228_x_at	TUSC3	0.007353	0.005101	0.039006
209234_at	KIF1B	-0.00997	2.15E-05	0.000494
209244_s_at	KIF1C	-0.00678	0.003189	0.027365
209248_at	GHITM	-0.00562	0.000123	0.002065
209249_s_at	GHITM	-0.01014	1.74E-06	6.79E-05
209262_s_at	NR2F6	-0.00826	0.001026	0.011207
209273_s_at	ISCA1	-0.00653	0.001197	0.012651
209276_s_at	GLRX	-0.00993	0.00039	0.005215
209277_at	TFPI2	0.011796	0.002548	0.022974
209278_s_at	TFPI2	0.025575	3.95E-06	0.00013

209286_at	CDC42EP3	0.01306	0.000616	0.007471
209287_s_at	CDC42EP3	0.008976	0.000458	0.005888
209289_at	NFIB	-7.82E-03	0.001615	0.016006
209290_s_at	NFIB	-0.00539	0.004745	0.036999
209301_at	CA2	-0.01569	7.01E-06	0.000203
209307_at	SWAP70	0.008796	0.00143	0.014524
209308_s_at	BNIP2	0.008905	0.001538	0.015395
209309_at	AZGP1	-0.02826	1.59E-06	6.32E-05
209310_s_at	CASP4	0.012275	3.28E-06	0.000113
209311_at	BCL2L2	-0.00766	0.005933	0.04378
209312_x_at	HLA-DRB1	0.01557	0.006879	0.048497
209324_s_at	RGS16	0.013257	0.002171	0.020215
209325_s_at	RGS16	0.011617	0.000278	0.004007
209334_s_at	PSMD9	-0.01356	0.000393	0.005241
209335_at	DCN	0.018173	0.001069	0.011564
209340_at	UAP1	-0.01172	0.000199	0.00304
209343_at	EFHD1	-0.00853	0.000467	0.005974
209344_at	TPM4	0.012312	0.004287	0.034295
209356_x_at	EFEMP2	0.008884	0.003366	0.028642
209360_s_at	RUNX1	0.012029	2.77E-05	0.000608
209366_x_at	CYB5A	-0.01721	1.47E-10	6.52E-08
209368_at	EPHX2	-0.02239	6.7E-08	5.45E-06
209369_at	ANXA3	0.01836	8.08E-06	0.000226
209371_s_at	SH3BP2	-0.01751	7.35E-05	0.001364
209374_s_at	IGHM	0.03297	1.64E-08	1.94E-06
209384_at	PROSC	-0.00908	0.000586	0.007161
209385_s_at	PROSC	-0.01263	0.000306	0.004322
209386_at	TM4SF1	0.015919	1.75E-05	0.000418
209387_s_at	TM4SF1	0.00993	0.000906	0.010122
209390_at	TSC1	-0.00723	0.001382	0.014157
209409_at	GRB10	-0.01299	5.11E-05	0.001008
209410_s_at	GRB10	-0.01234	0.000209	0.003164
209420_s_at	SMPD1	-0.00709	0.006135	0.044854
209435_s_at	ARHGEF2	0.012695	4.23E-06	0.000138
209436_at	SPON1	0.014184	0.00216	0.020156
209437_s_at	SPON1	0.011758	0.00409	0.033101
209440_at	PRPS1	0.006339	0.005063	0.038824
209442_x_at	ANK3	-0.00848	0.000275	0.003972
209443_at	SERPINA5	-0.0142	0.000609	0.007396
209459_s_at	ABAT	-0.02852	1.47E-09	3.27E-07
209460_at	ABAT	-0.0303	7.79E-13	1.86E-09
209465_x_at	PTN	0.014405	0.000477	0.006078
209466_x_at	PTN	0.014909	0.003418	0.02901
209473_at	ENTPD1	0.007619	0.000381	0.005123
209485_s_at	OSBPL1A	-0.00875	0.002932	0.025618
209492_x_at	ATP5I	-0.0034	0.00134	0.013857
209493_at	PDZD2	-0.0196	1.75E-06	6.81E-05
209498_at	CEACAM1	-0.00965	0.006584	0.046962
209510_at	RNF139	0.007098	0.001694	0.016665

209512_at	HSDL2	-0.01194	0.000946	0.010483
209513_s_at	HSDL2	-0.01249	4.41E-07	2.29E-05
209514_s_at	RAB27A	0.018851	1.37E-06	5.67E-05
209515_s_at	RAB27A	0.01188	0.000253	0.003702
209522_s_at	CRAT	-0.01752	1.78E-06	6.88E-05
209526_s_at	HDGFRP3	0.007666	0.006087	0.04459
209536_s_at	EHD4	0.00641	0.002175	0.020249
209539_at	ARHGEF6	0.013054	0.000908	0.01014
209546_s_at	APOL1	0.012706	0.000202	0.003084
209549_s_at	DGUOK	0.006513	0.004124	0.033313
209550_at	NDN	0.012825	8.08E-08	6.16E-06
209555_s_at	CD36	0.008187	0.006532	0.046699
209563_x_at	CALM1	-0.00557	2.18E-05	0.000498
209571_at	CIR1	0.005859	0.00699	0.049047
209572_s_at	EED	0.005941	0.00419	0.033759
209576_at	GNAI1	0.017664	1.74E-07	1.1E-05
209577_at	PCYT2	-0.01239	0.000425	0.005568
209584_x_at	APOBEC3C	0.008558	2.27E-05	0.000513
209585_s_at	MINPP1	-0.01045	0.000846	0.009565
209600_s_at	ACOX1	-0.01889	6.74E-11	3.85E-08
209605_at	TST	-0.01682	3.22E-09	5.69E-07
209606_at	CYTIP	0.015965	7.47E-05	0.001384
209608_s_at	ACAT2	-0.00855	0.001923	0.018431
209612_s_at	ADH1B	0.02544	3.54E-06	0.00012
209613_s_at	ADH1B	0.025064	8.92E-05	0.001592
209614_at	ADH1B	0.015496	4E-05	0.000817
209620_s_at	ABCB7	-0.00617	0.001325	0.013744
209623_at	MCCC2	-0.01356	2.59E-07	1.53E-05
209624_s_at	MCCC2	-0.01361	3.57E-07	1.95E-05
209640_at	PML	0.004611	0.002031	0.019266
209645_s_at	ALDH1B1	-0.01472	2.89E-05	0.000631
209646_x_at	ALDH1B1	-0.00833	5.35E-05	0.001047
209655_s_at	TMEM47	0.007628	0.004196	0.033777
209656_s_at	TMEM47	0.010221	0.003284	0.028066
209663_s_at	ITGA7	-0.00944	0.003722	0.030898
209667_at	CES2	-0.0166	8E-09	1.13E-06
209668_x_at	CES2	-0.01673	0.000453	0.005848
209670_at	TRAC	0.012449	1E-05	0.000269
209671_x_at	TRAC	0.01861	1.49E-06	6.04E-05
209679_s_at	SMAGP	0.010119	0.002113	0.019844
209681_at	SLC19A2	-0.01054	0.001378	0.014136
209683_at	FAM49A	0.008206	0.001187	0.012595
209685_s_at	PRKCB	0.019626	2.77E-07	1.62E-05
209686_at	S100B	0.017366	6.77E-09	9.79E-07
209687_at	CXCL12	0.012082	0.004898	0.037911
209692_at	EYA2	-0.00786	0.00137	0.014074
209696_at	FBP1	-0.02522	1.09E-07	7.84E-06
209703_x_at	METTTL7A	-0.01119	7.7E-06	0.000218
209708_at	MOXD1	0.026921	1.75E-06	6.81E-05

209711_at	SLC35D1	-0.01159	0.004088	0.033101
209715_at	CBX5	0.00784	0.001134	0.012148
209722_s_at	SERPINB9	0.008684	0.000544	0.006744
209723_at	SERPINB9	0.014465	9.83E-06	0.000265
209728_at	HLA-DRB4	0.023025	0.005134	0.039208
209732_at	CLEC2B	0.022448	6.26E-06	0.000185
209734_at	NCKAP1L	0.010561	0.000712	0.008363
209739_s_at	PNPLA4	-0.00868	0.001188	0.012602
209749_s_at	ACE	-0.00801	0.002089	0.019689
209751_s_at	TRAPPC2	0.008023	0.002468	0.022414
209757_s_at	MYCN	-0.01964	1.27E-06	5.37E-05
209759_s_at	DCI	-0.00656	0.005047	0.038737
209762_x_at	SP110	0.016413	1.24E-06	5.25E-05
209764_at	MGAT3	-0.00905	0.002756	0.024431
209765_at	ADAM19	0.008954	0.000111	0.001899
209771_x_at	CD24	0.007982	0.001192	0.012627
209773_s_at	RRM2	0.012822	0.002425	0.022072
209781_s_at	KHDRBS3	-0.01003	0.000181	0.002818
209783_at	DBP	-0.00812	0.000311	0.004382
209788_s_at	ERAP1	0.010414	0.000439	0.005709
209791_at	PADI2	-0.01573	6.24E-06	0.000185
209795_at	CD69	0.024046	1.06E-05	0.000281
209806_at	HIST1H2BK	0.01418	0.000333	0.004606
209823_x_at	HLA-DQB1	0.018153	2.26E-05	0.000512
209827_s_at	IL16	0.018936	1.46E-06	5.94E-05
209833_at	CRADD	-0.01013	5.24E-06	0.000161
209835_x_at	CD44	0.023589	1.1E-06	4.83E-05
209846_s_at	BTN3A2	0.013063	0.000716	0.008407
209857_s_at	SPHK2	-0.0073	0.004375	0.034798
209864_at	FRAT2	0.007041	0.001856	0.017971
209869_at	ADRA2A	0.012091	0.000402	0.005333
209874_x_at	CNNM2	-0.00824	0.001855	0.017968
209879_at	SELPLG	0.010645	0.000118	0.001995
209897_s_at	SLIT2	-0.0172	2.7E-08	2.79E-06
209901_x_at	AIF1	0.014133	0.000893	0.010009
209905_at	HOXA10	-0.00713	0.006206	0.04512
209906_at	C3AR1	0.011832	0.000724	0.00848
209909_s_at	TGFB2	1.74E-02	6.71E-05	0.00126
209911_x_at	HIST1H2BD	-0.01028	0.000332	0.004605
209916_at	DHTKD1	-0.02376	4.9E-06	0.000153
209919_x_at	GGT1	-0.01241	0.000309	0.004362
209933_s_at	CD300A	0.013158	2.56E-05	0.000566
209949_at	NCF2	0.017906	0.000108	0.001856
209961_s_at	HGF	0.014519	0.002232	0.020669
209966_x_at	ESRRG	-0.01221	4.12E-05	0.000839
209969_s_at	STAT1	0.010151	0.006279	0.045445
209970_x_at	CASP1	0.01816	1.11E-05	0.00029
209977_at	PLG	-0.04518	4.65E-10	1.39E-07
209978_s_at	LPA	-0.05306	3.62E-12	4.48E-09

209980_s_at	SHMT1	-0.01444	0.000565	0.006962
209981_at	CSDC2	-0.01499	9.75E-06	0.000264
209992_at	PFKFB2	-0.01907	7.8E-06	0.00022
210006_at	ABHD14A	-0.00912	0.005019	0.038582
210009_s_at	GOSR2	-0.01234	0.000269	0.003904
210010_s_at	SLC25A1	-0.00843	0.006095	0.044617
210014_x_at	IDH3B	-0.00831	0.001555	0.015532
210020_x_at	CALML3	-0.0128	0.002063	0.019493
210021_s_at	CCNO	0.011539	7.55E-07	3.61E-05
210031_at	CD247	0.013531	3.22E-07	1.8E-05
210045_at	IDH2	-0.01722	8.57E-05	0.001544
210046_s_at	IDH2	-0.0182	5.44E-10	1.52E-07
210060_at	PDE6G	0.005892	0.006642	0.047272
210072_at	CCL19	0.029978	6.18E-07	3.09E-05
210074_at	CTSL2	-0.02124	4.69E-06	0.000148
210082_at	ABCA4	0.006039	0.004302	0.034398
210084_x_at	TPSAB1	0.023206	5.04E-09	7.91E-07
210085_s_at	ANXA9	-0.02028	1.78E-06	6.88E-05
210089_s_at	LAMA4	0.009682	0.002058	0.019457
210095_s_at	IGFBP3	0.009271	0.003551	0.029814
210114_at	INVS	-0.00888	0.002283	0.02108
210115_at	RPL39L	0.008059	0.003757	0.031082
210116_at	SH2D1A	0.018355	8.16E-05	0.001486
210119_at	KCNJ15	-0.01017	3.08E-05	0.000668
210127_at	RAB6B	0.014126	0.000377	0.005081
210131_x_at	SDHC	-0.00824	0.001465	0.014804
210139_s_at	PMP22	0.014289	2.21E-05	0.000504
210140_at	CST7	0.018241	1.35E-05	0.000341
210145_at	PLA2G4A	0.013441	0.000557	0.006877
210146_x_at	LILRB2	0.014429	0.00517	0.039428
210166_at	TLR5	0.011743	3.86E-05	0.000794
210199_at	CRYAA	-0.0202	0.000348	0.004758
210201_x_at	BIN1	-0.01192	0.00054	0.006719
210223_s_at	MR1	0.007893	0.004914	0.037972
210227_at	DLGAP2	-0.00794	0.005965	0.043955
210260_s_at	TNFAIP8	0.016672	1.41E-07	9.58E-06
210284_s_at	TAB2	-0.00629	0.001569	0.015636
210289_at	NAT8	-0.01951	0.000431	0.005637
210298_x_at	FHL1	0.016138	0.000508	0.006416
210326_at	AGXT	-0.01615	0.000165	0.002631
210327_s_at	AGXT	-0.01167	0.001028	0.01122
210331_at	HECW1	-0.01008	0.006657	0.047353
210335_at	RASSF9	0.010755	0.006715	0.047643
210337_s_at	ACLY	-0.00811	0.001424	0.014481
210338_s_at	HSPA8	-0.00779	0.001379	0.014136
210340_s_at	CSF2RA	0.007804	0.003646	0.030424
210343_s_at	SLC22A6	-0.02813	4.66E-08	4.21E-06
210356_x_at	MS4A1	0.025646	1.55E-05	0.000382
210367_s_at	PTGES	0.009349	0.000146	0.002365

210374_x_at	PTGER3	-0.01435	3.11E-06	0.000108
210375_at	PTGER3	-0.01884	1.38E-06	5.7E-05
210377_at	ACSM3	-0.01624	0.00016	0.002552
210385_s_at	ERAP1	0.007548	0.002363	0.021604
210386_s_at	LOC100510712	-0.00716	0.003174	0.02728
210390_s_at	CCL14-CCL15	-0.02143	9.89E-06	0.000266
210399_x_at	FUT6	-0.01457	1.19E-07	8.48E-06
210418_s_at	IDH3B	-0.00946	0.001042	0.011345
210426_x_at	RORA	-0.01171	1.04E-05	0.000278
210427_x_at	ANXA2	0.018535	1.28E-07	8.94E-06
210445_at	FABP6	0.008843	0.003432	0.029103
210448_s_at	P2RX5	0.009541	0.002624	0.023472
210451_at	PKLR	-0.02545	2.25E-07	1.37E-05
210452_x_at	CYP4F2	-0.02986	9.55E-10	2.26E-07
210471_s_at	KCNAB1	-0.00731	0.002359	0.021584
210476_s_at	PRLR	-0.02332	2.91E-09	5.39E-07
210479_s_at	RORA	-0.01051	0.00036	0.004886
210493_s_at	MFAP3L	-0.0092	0.001343	0.013863
210495_x_at	FN1	0.011091	0.002585	0.02323
210513_s_at	VEGFA	-0.01532	1.51E-05	0.000375
210514_x_at	HLA-G	0.01104	0.001282	0.013393
210524_x_at		-0.009	0.004208	0.033839
210538_s_at	BIRC3	0.021506	1.99E-06	7.53E-05
210544_s_at	ALDH3A2	-0.01646	4.07E-05	0.00083
210550_s_at	RASGRF1	-0.00904	0.002439	0.022168
210614_at	TTPA	-0.00836	0.006496	0.046515
210619_s_at	HYAL1	-0.01692	2.03E-09	4.04E-07
210629_x_at	LST1	0.015845	4.47E-06	0.000143
210638_s_at	FBXO9	-0.00578	0.000974	0.010741
210646_x_at	RPL13A	0.006928	0.004699	0.03672
210653_s_at	BCKDHB	-0.01557	8.1E-06	0.000226
210663_s_at	KYNU	-0.01471	0.000238	0.003525
210667_s_at	C21orf33	-0.01108	0.001823	0.017718
210674_s_at	PCDHA1	0.009278	0.004964	0.038237
210685_s_at	UBE4B	-0.00904	0.000667	0.007953
210692_s_at	SLC43A3	0.007136	0.006842	0.04828
210737_at	TUB	-0.00548	0.005366	0.040561
210738_s_at	SLC4A4	-0.0331	9.3E-12	9.48E-09
210739_x_at	SLC4A4	-0.02431	6.86E-10	1.78E-07
210740_s_at	ITPK1	-0.00458	0.00028	0.00403
210751_s_at	RGN	-0.01689	8.39E-07	3.92E-05
210754_s_at	LYN	0.015536	3.71E-06	0.000124
210757_x_at	DAB2	-0.01171	3.13E-06	0.000109
210764_s_at	CYR61	0.015009	0.00526	0.03999
210774_s_at	NCOA4	-0.00611	7.04E-05	0.001313
210785_s_at	C1orf38	0.011967	0.000231	0.003431
210786_s_at	FLI1	0.016023	2.66E-08	2.78E-06
210796_x_at	SIGLEC6	0.008105	0.006684	0.047507
210798_x_at	MASP2	-0.00464	0.004039	0.03289

210807_s_at	SLC16A7	-0.01427	0.00045	0.005823
210815_s_at	CALCRL	0.010278	0.002026	0.019234
210825_s_at	PEBP1	-0.00616	4.65E-07	2.39E-05
210829_s_at	SSBP2	0.006962	0.005345	0.040497
210831_s_at	PTGER3	-0.01558	1.15E-06	4.99E-05
210832_x_at	PTGER3	-0.01803	4.05E-09	6.84E-07
210833_at	PTGER3	-0.02314	9.58E-09	1.28E-06
210834_s_at	PTGER3	-0.02387	1.34E-08	1.68E-06
210839_s_at	ENPP2	-0.01532	1.82E-06	6.96E-05
210840_s_at	IQGAP1	0.009566	0.000119	0.002008
210843_s_at	MFAP3L	-0.00946	0.000461	0.00591
210852_s_at	AASS	-0.01369	2.98E-09	5.44E-07
210862_s_at	SARDH	-0.00669	0.006076	0.044557
210871_x_at	SSX2IP	-0.01144	0.000357	0.004859
210879_s_at	RAB11FIP5	-0.00997	0.000303	0.0043
210887_s_at	EVC	0.008829	0.000524	0.006567
210889_s_at	FCGR2B	0.013246	4.23E-05	0.000855
210912_x_at	GSTM4	-0.01114	0.000569	0.006991
210915_x_at	TRBC1	0.033449	3.89E-09	6.72E-07
210916_s_at	CD44	0.022667	3.99E-05	0.000817
210933_s_at	FSCN1	0.01095	0.006156	0.044957
210944_s_at	CAPN3	-0.0243	1.81E-07	1.14E-05
210947_s_at	MSH3	-0.01033	0.000168	0.00266
210951_x_at	RAB27A	0.019033	5.39E-06	0.000165
210958_s_at	MAST4	-0.00671	0.003413	0.028976
210972_x_at	TRAC	0.021977	2.45E-07	1.46E-05
210976_s_at	PFKM	-0.00795	0.004938	0.038106
210982_s_at	HLA-DRA	0.017874	9.4E-06	0.000258
210986_s_at	TPM1	0.01689	4.74E-08	4.24E-06
210987_x_at	TPM1	0.01419	3.66E-08	3.48E-06
210990_s_at	LAMA4	0.007128	0.005957	0.043914
210992_x_at	FCGR2C	0.010289	6.76E-05	0.001267
210999_s_at	GRB10	-0.00996	0.000169	0.00268
211002_s_at	TRIM29	0.008016	0.000897	0.010045
211005_at	LAT	0.017233	1.55E-05	0.000383
211025_x_at	COX5B	-0.00526	0.005794	0.042946
211028_s_at	KHK	-0.03023	1.63E-09	3.5E-07
211058_x_at	TUBA1B	0.00869	0.000819	0.009361
211067_s_at	GAS7	0.005809	0.006165	0.044988
211072_x_at	TUBA1B	0.009657	0.000406	0.005369
211075_s_at	CD47	0.014125	9.78E-07	4.43E-05
211083_s_at	MAP3K13	-0.01276	0.000246	0.003625
211105_s_at	NFATC1	0.008967	0.000988	0.010867
211136_s_at	CLPTM1	-0.01403	0.002171	0.020215
211138_s_at	KMO	-0.03072	5.1E-10	1.48E-07
211148_s_at	ANGPT2	0.008207	0.001181	0.012547
211150_s_at	DLAT	-0.00978	7.92E-05	0.001449
211161_s_at	COL3A1	0.018824	0.000788	0.009076
211162_x_at	SCD	-0.01274	6.82E-06	0.000199

211168_s_at	UPF1	-0.0091	0.000698	0.008233
211170_s_at	PDE10A	-0.01181	1.64E-05	0.000399
211178_s_at	PSTPIP1	0.006561	0.00513	0.039207
211181_x_at	RUNX1	0.008845	0.004759	0.037068
211182_x_at	RUNX1	0.013121	0.001065	0.011535
211184_s_at	USH1C	-0.01312	0.001203	0.012707
211192_s_at	CD84	0.014278	0.000153	0.002468
211202_s_at	KDM5B	0.007432	0.001877	0.018058
211231_x_at	CYP4A11	-0.03057	6.74E-08	5.46E-06
211256_x_at	BTN2A1	0.007208	0.003845	0.031641
211275_s_at	GYG1	0.009576	0.000612	0.007431
211298_s_at	ALB	-0.04647	7.64E-09	1.08E-06
211302_s_at	PDE4B	0.009682	0.000683	0.008096
211303_x_at	FOLH1B	-0.02525	2.79E-06	9.92E-05
211337_s_at	TUBGCP4	-0.01029	0.000156	0.0025
211348_s_at	CDC14B	-0.006	0.000423	0.005555
211352_s_at	NCOA3	0.009939	0.000498	0.006319
211357_s_at	ALDOB	-0.01773	1.02E-05	0.000273
211360_s_at	ITPR2	-0.00834	0.003723	0.030898
211366_x_at	CASP1	0.018155	5.47E-08	4.73E-06
211367_s_at	CASP1	0.016915	5.82E-05	0.001121
211368_s_at	CASP1	0.023007	4.85E-07	2.47E-05
211382_s_at	TACC2	-0.00754	0.006034	0.044287
211395_x_at	FCGR2C	0.010452	0.000748	0.008698
211406_at	IER3IP1	-0.00493	0.003162	0.027211
211417_x_at	GGT1	-0.01224	0.000115	0.001953
211428_at	SERPINA1	-0.00659	0.005365	0.040561
211429_s_at	SERPINA1	-0.01414	0.000103	0.001781
211430_s_at	IGHG1	0.041871	5.41E-06	0.000165
211456_x_at	MT1P2	-0.01291	0.00218	0.020275
211458_s_at	GABARAPL1	-0.00487	0.00236	0.021584
211465_x_at	FUT6	-0.01807	3.2E-08	3.12E-06
211468_s_at	RECQL5	-0.00895	0.000248	0.003641
211470_s_at	SULT1C2	-0.01231	1.38E-06	5.68E-05
211488_s_at	ITGB8	0.015683	0.000122	0.002056
211494_s_at	SLC4A4	-2.05E-02	2.75E-10	1.04E-07
211502_s_at	CDK14	-0.00871	0.000399	0.005301
211505_s_at	STAU1	-0.0143	6.29E-05	0.001194
211506_s_at	IL8	0.013437	0.001592	0.01581
211518_s_at	BMP4	0.007126	0.000835	0.009495
211527_x_at	VEGFA	-0.0096	0.000532	0.006646
211528_x_at	HLA-G	0.009124	0.005998	0.044126
211529_x_at	HLA-G	0.010139	0.000709	0.008347
211542_x_at	RPS10	0.009651	1.98E-05	0.000463
211546_x_at	SNCA	0.006165	0.005885	0.043552
211548_s_at	HPGD	-0.02585	3.09E-09	5.6E-07
211549_s_at	HPGD	-0.01273	4.09E-06	0.000135
211552_s_at	ALDH4A1	-0.02609	2.47E-12	3.92E-09
211569_s_at	HADH	-0.02443	1.95E-10	7.89E-08

211571_s_at	VCAN	0.033366	1.4E-06	5.74E-05
211581_x_at	LST1	0.017394	5.89E-06	0.000177
211582_x_at	LST1	0.020814	2.45E-07	1.46E-05
211597_s_at	HOPX	0.027041	1.79E-06	6.89E-05
211600_at	PTPRO	-0.00371	0.000783	0.009043
211615_s_at	LRPPRC	-0.01032	1.28E-05	0.000326
211620_x_at	RUNX1	0.00944	0.001839	0.017852
211628_x_at	FTH1P5	-0.0058	0.000814	0.009318
211630_s_at	GSS	-0.00836	0.004046	0.032897
211633_x_at		0.018231	1.72E-05	0.000415
211634_x_at	IGHM	0.024318	4.75E-05	0.000944
211635_x_at	IGHA1	0.017438	0.000295	0.004199
211637_x_at	IGHA1	0.022879	0.000604	0.00734
211639_x_at	IGHA1	0.015131	0.000208	0.003158
211640_x_at	IGHG1	0.019688	4.54E-06	0.000145
211641_x_at	IGHA1	0.015948	2.44E-05	0.000546
211643_x_at	IGK@	0.032997	1.59E-07	1.04E-05
211644_x_at	IGK@	0.040751	6.2E-07	3.1E-05
211645_x_at		0.032371	1.67E-06	6.6E-05
211647_x_at	IGHG1	0.012269	0.001076	0.011631
211649_x_at	IGHA1	0.011792	2.22E-05	0.000505
211650_x_at	IGHA1	0.02015	0.000201	0.003068
211656_x_at	HLA-DQB1	0.012885	0.003444	0.02914
211662_s_at	VDAC2	-0.00593	0.000324	0.004515
211663_x_at	PTGDS	0.011098	0.00094	0.010441
211673_s_at	MOCS1	-0.0111	0.001066	0.011547
211676_s_at	IFNGR1	1.27E-02	0.007038	0.049306
211682_x_at	UGT2B28	-0.01341	7.6E-06	0.000216
211702_s_at	USP32	-0.00703	0.001802	0.017564
211704_s_at	SPIN2A	0.006226	0.00286	0.025113
211708_s_at	SCD	-0.01136	0.003606	0.030162
211712_s_at	ANXA9	-0.01647	7.32E-10	1.87E-07
211715_s_at	BDH1	-0.01192	0.001685	0.01661
211719_x_at	FN1	0.013491	0.000178	0.002795
211725_s_at	BID	0.009685	0.000944	0.01047
211727_s_at	COX11	-0.0074	0.003362	0.02862
211733_x_at	SCP2	-0.00762	0.000146	0.002372
211734_s_at	FCER1A	0.027367	2.54E-06	9.18E-05
211737_x_at	PTN	0.01638	0.000685	0.008111
211742_s_at	EVI2B	0.024567	8.21E-07	3.86E-05
211755_s_at	ATP5F1	-0.00844	5.1E-07	2.59E-05
211776_s_at	EPB41L3	-0.01933	2.45E-11	1.95E-08
211778_s_at	OVOL2	0.008045	0.003124	0.026956
211791_s_at	KCNAB2	-0.007	0.005335	0.040462
211794_at	FYB	0.016776	3.32E-05	0.000705
211795_s_at	FYB	0.018614	2.21E-06	8.17E-05
211796_s_at	TRBC1	0.042611	1.36E-08	1.69E-06
211798_x_at	IGLJ3	0.019472	3.48E-05	0.00073
211799_x_at	HLA-C	0.008706	0.002098	0.019738

211806_s_at	KCNJ15	-0.01318	0.001102	0.011863
211813_x_at	DCN	1.54E-02	0.000556	0.006858
211820_x_at	GYP A	-0.01223	0.001099	0.011844
211821_x_at	GYP A	-0.01051	0.003649	0.030436
211829_s_at	GP ER	-0.00609	0.006385	0.04589
211831_s_at	THPO	-0.00941	0.004255	0.034112
211843_x_at	CYP3A7	-1.76E-02	2.33E-05	0.000527
211845_at	PVRL1	-0.00484	0.002065	0.019502
211864_s_at	MYOF	1.28E-02	0.00017	0.002691
211868_x_at	IGHA1	0.006638	0.003847	0.031645
211871_x_at	GNB5	-0.00934	0.001532	0.015363
211881_x_at	IGLJ3	0.019954	2.38E-05	0.000536
211882_x_at	FUT6	-0.00779	0.001961	0.018755
211883_x_at	CEACAM1	-0.00939	0.002389	0.021784
211885_x_at	FUT6	-0.01152	0.000983	0.010817
211887_x_at	MSR1	0.012829	0.001876	0.018056
211890_x_at	CAPN3	-0.0279	3.08E-08	3.06E-06
211896_s_at	DCN	0.016405	0.000578	0.007073
211902_x_at	TRD@	1.86E-02	9.89E-08	7.25E-06
211907_s_at	PARD6B	-0.01178	5.72E-06	0.000173
211908_x_at	IGKV3-20	0.012826	0.000345	0.004726
211911_x_at	HLA-B	0.013975	0.002623	0.023472
211917_s_at	PRLR	-0.02044	5.75E-08	4.88E-06
211918_x_at	PAPPA2	0.022634	5.78E-06	0.000175
211919_s_at	CXCR4	0.028039	1.2E-06	5.11E-05
211921_x_at	PTMA	0.00344	0.005603	0.041854
211922_s_at	CAT	-0.01489	3.77E-05	0.000778
211925_s_at	PLCB1	0.01525	0.000654	0.00784
211931_s_at	HNRNPA3	0.005512	0.001983	0.018931
211932_at	HNRNPA3	0.004999	0.000983	0.010817
211933_s_at	HNRNPA3	0.004483	0.005902	0.043655
211941_s_at	PEBP1	-0.01252	0.002737	0.024332
211942_x_at	RPL13A	0.013931	0.002923	0.025557
211945_s_at	ITGB1	0.006995	0.000529	0.006621
211950_at	UBR4	-0.00711	0.001249	0.013101
211962_s_at	ZFP36L1	0.008144	2.63E-06	9.48E-05
211963_s_at	ARPC5	0.00969	0.001831	0.017783
211967_at	TMEM123	0.013655	3.46E-05	0.000729
211970_x_at	ACTG1	0.003483	0.004194	0.033775
211971_s_at	LRPPRC	-0.0107	1.02E-07	7.43E-06
211983_x_at	ACTG1	0.00357	0.002625	0.023472
211984_at	CALM1	-0.00945	0.002532	0.02287
211985_s_at	CALM1	-0.00578	0.001672	0.016511
211986_at	AHNAK	0.013335	4.97E-06	0.000155
211989_at	SMARCE1	0.005894	0.000282	0.004062
211990_at	HLA-DPA1	0.01984	0.001664	0.016443
211991_s_at	HLA-DPA1	0.024897	1.52E-06	6.13E-05
211999_at	H3F3B	0.007122	1.04E-06	4.64E-05
212012_at	PXDN	0.016198	3.55E-05	0.000741

212013_at	PXDN	0.009908	0.002528	0.022853
212014_x_at	CD44	0.019183	3.64E-06	0.000123
212022_s_at	MKI67	0.012314	0.001003	0.010999
212036_s_at	PNN	0.00835	0.000767	0.008876
212038_s_at	VDAC1	-0.0071	0.00047	0.005996
212044_s_at	RPL27A	0.007879	0.004537	0.035752
212051_at	WIPF2	-0.0082	0.001723	0.016918
212053_at	PDXDC1	-0.00911	0.000707	0.00833
212062_at	ATP9A	0.009175	0.000695	0.008203
212063_at	CD44	0.025157	7.86E-06	0.000221
212067_s_at	C1R	0.019127	4.56E-07	2.35E-05
212076_at	MLL	0.00783	0.0049	0.037913
212078_s_at	MLL	0.007765	0.002772	0.024544
212082_s_at	MYL6	0.005173	0.002983	0.025965
212087_s_at	ERAL1	-0.00696	0.002799	0.0247
212089_at	LMNA	0.009145	0.00186	0.017999
212090_at	GRINA	-0.00805	0.005293	0.040172
212093_s_at	MTUS1	-0.00722	0.000909	0.010142
212097_at	CAV1	0.011449	0.001723	0.016918
212110_at	SLC39A14	-0.01125	0.002958	0.025798
212166_at	XPO7	-0.00818	1.58E-06	6.32E-05
212171_x_at	VEGFA	-0.01071	0.000248	0.003643
212173_at	AK2	-0.00886	0.002672	0.023785
212174_at	AK2	-0.00999	0.000766	0.008866
212175_s_at	AK2	-0.01165	8.24E-08	6.24E-06
212187_x_at	PTGDS	0.013983	0.004267	0.034167
212188_at	KCTD12	0.007777	0.000766	0.008866
212192_at	KCTD12	0.011295	0.001243	0.013052
212203_x_at	IFITM3	0.019744	3.4E-06	0.000117
212204_at	TMEM87A	0.011234	5.27E-05	0.001035
212216_at	PREPL	-0.00884	0.000236	0.003501
212226_s_at	PPAP2B	-0.01119	0.004506	0.035586
212228_s_at	COQ9	-0.01118	0.00022	0.003301
212229_s_at	FBXO21	-0.00968	0.003009	0.026168
212230_at	PPAP2B	-0.01081	4.78E-06	0.000149
212231_at	FBXO21	-0.01251	4.84E-07	2.47E-05
212242_at	TUBA4A	-0.00631	0.001034	0.011275
212252_at	CAMKK2	-0.0074	0.004615	0.036203
212285_s_at	AGRN	0.009215	0.003658	0.030494
212312_at	BCL2L1	-0.00923	5.66E-05	0.001097
212314_at	SEL1L3	0.013088	0.005911	0.043686
212320_at	TUBB	0.011348	0.000343	0.004711
212357_at	FAM168A	-0.00498	0.005343	0.040497
212359_s_at	KIAA0913	-0.00808	0.000269	0.003904
212382_at	TCF4	0.019049	1.24E-06	5.25E-05
212386_at	TCF4	0.01415	6.22E-06	0.000185
212387_at	TCF4	0.013055	3.72E-05	0.000769
212391_x_at	RPS3A	0.006249	9.05E-05	0.00161
212415_at	SEPT6	0.011344	0.001686	0.016613

212419_at	ZCCHC24	0.011241	0.000382	0.005123
212420_at	ELF1	0.009106	0.000343	0.00471
212432_at	GRPEL1	-0.01348	5.46E-08	4.73E-06
212434_at	GRPEL1	-0.01596	4.09E-08	3.85E-06
212444_at		0.017934	0.000528	0.006616
212445_s_at	NEDD4L	-0.00938	0.000184	0.002868
212447_at	KBTBD2	0.007097	0.003078	0.026618
212448_at	NEDD4L	-0.01097	0.000282	0.004062
212456_at	KIAA0664	-0.01136	9.43E-09	1.27E-06
212459_x_at	SUCLG2	-0.01592	1.07E-07	7.77E-06
212464_s_at	FN1	0.013713	0.00062	0.007506
212465_at	SETD3	-0.00811	3.19E-05	0.000686
212468_at	SPAG9	-0.00859	0.000473	0.006029
212470_at	SPAG9	-0.0121	1.52E-07	1E-05
212481_s_at	TPM4	0.010123	4.94E-05	0.000978
212489_at	COL5A1	0.010671	0.001889	0.018158
212498_at		-0.0059	0.00564	0.042036
212503_s_at	DIP2C	-0.01647	1.61E-06	6.39E-05
212504_at	DIP2C	-0.0186	3.32E-05	0.000705
212510_at	GPD1L	-0.01333	7.7E-08	6.02E-06
212521_s_at	PDE8A	-0.01008	0.000283	0.004062
212522_at	PDE8A	-0.00916	0.000129	0.002152
212531_at	LCN2	0.021873	1.71E-05	0.000414
212543_at	AIM1	-0.00738	0.00518	0.039477
212558_at	SPRY1	0.014851	0.000176	0.002775
212568_s_at	DLAT	-0.0145	2.09E-06	7.83E-05
212582_at	OSBPL8	-0.00787	0.001083	0.01169
212585_at	OSBPL8	-0.00754	0.004109	0.033215
212587_s_at	PTPRC	0.026406	5.41E-06	0.000165
212588_at	PTPRC	0.023634	3.05E-07	1.74E-05
212590_at	RRAS2	-0.00737	0.002342	0.0215
212592_at	IGJ	0.037135	4.38E-06	0.000142
212593_s_at	PDCD4	0.008718	9.48E-05	0.001672
212599_at	AUTS2	-0.01038	0.000964	0.010648
212600_s_at	UQCRC2	-0.00619	0.005419	0.040908
212602_at	WDFY3	-0.00549	0.006186	0.045053
212609_s_at	AKT3	0.01034	1.67E-06	6.6E-05
212613_at	BTN3A2	0.010314	0.000528	0.006616
212624_s_at	CHN1	0.010454	0.001477	0.014904
212639_x_at	TUBA1B	0.009871	0.000924	0.010284
212646_at	RFTN1	0.01128	3.99E-05	0.000817
212647_at	RRAS	0.01241	1.84E-05	0.000434
212650_at	EHBP1	-0.00569	0.000255	0.003728
212651_at	RHOBTB1	-0.01073	0.004064	0.033016
212653_s_at	EHBP1	-0.00664	0.005707	0.042366
212656_at	TSMF	-0.0121	4.36E-08	4.01E-06
212657_s_at	IL1RN	1.21E-02	7.06E-05	0.001315
212667_at	SPARC	0.009614	0.002206	0.020478
212669_at	CAMK2G	-0.01187	0.000571	0.007011

212671_s_at	HLA-DQA1	0.029006	3.69E-05	0.000765
212681_at	EPB41L3	-0.01578	7.14E-07	3.45E-05
212683_at	SLC25A44	-0.00954	8.32E-05	0.001508
212688_at	PIK3CB	-0.00453	0.001701	0.016729
212701_at	TLN2	-0.02275	1.72E-07	1.1E-05
212703_at	TLN2	-0.02257	2.25E-09	4.37E-07
212706_at	RASA4	-0.0104	0.001541	0.015418
212713_at	MFAP4	0.016836	0.000128	0.002132
212714_at	LARP4	-0.01306	4.07E-07	2.15E-05
212715_s_at	MICAL3	-0.00912	0.004416	0.03505
212724_at	RND3	0.010254	0.003197	0.027412
212731_at	ANKRD46	-0.00905	0.002378	0.021708
212741_at	MAOA	-0.02117	3.87E-10	1.28E-07
212750_at	PPP1R16B	-0.03127	4.05E-10	1.28E-07
212757_s_at	CAMK2G	-0.01166	0.000466	0.005966
212788_x_at	FTL	-0.00758	0.001317	0.013689
212791_at	C1orf216	0.010042	1.94E-05	0.000453
212796_s_at	TBC1D2B	0.008479	0.001334	0.013813
212805_at	PRUNE2	-0.00901	0.00495	0.038156
212806_at	PRUNE2	-0.01661	4.2E-05	0.000851
212809_at	NFATC2IP	-0.00644	0.004552	0.035842
212814_at	AHCYL2	-0.01095	0.001212	0.012798
212827_at	IGHM	0.01782	0.000196	0.003019
212832_s_at	CKAP5	-0.00553	0.003727	0.030909
212833_at	SLC25A46	-0.00812	0.002343	0.0215
212836_at	POLD3	-0.01333	4.91E-05	0.000976
212844_at	RRP1B	0.006022	0.003588	0.030072
212857_x_at	SUB1	0.004667	0.002975	0.025918
212865_s_at	COL14A1	0.023245	0.000133	0.002195
212873_at	HMHA1	0.011734	0.000824	0.009393
212874_at	APOE	-0.01934	4.5E-08	4.07E-06
212883_at	APOE	-0.03368	1.09E-08	1.42E-06
212884_x_at	APOE	-0.01554	5.18E-06	0.00016
212886_at	CCDC69	0.007376	0.002197	0.020405
212894_at	SUPV3L1	-0.00879	0.000746	0.008675
212906_at	GRAMD1B	-0.02027	5.28E-08	4.61E-06
212907_at	SLC30A1	-0.008	0.00181	0.017628
212908_at	DNAJC16	-0.02412	2.44E-06	8.88E-05
212911_at	DNAJC16	-0.01189	5.87E-05	0.001127
212922_s_at	SMYD2	0.008285	0.001395	0.014272
212925_at	C19orf21	-0.00632	0.005058	0.0388
212946_at	KIAA0564	-1.25E-02	0.000184	0.002868
212950_at	GPR116	-0.01016	0.00417	0.033646
212967_x_at	NAP1L1	0.009392	2.9E-07	1.68E-05
212988_x_at	ACTG1	0.004458	0.001216	0.012821
212992_at	AHNAK2	0.010613	8.72E-05	0.00156
212993_at	NACC2	-0.00687	0.002119	0.019867
212998_x_at	HLA-DQB1	0.019619	0.000187	0.002897
213002_at	MARCKS	0.014815	1.29E-06	5.41E-05

213005_s_at	KANK1	-0.00829	0.002669	0.023768
213012_at	NEDD4	-0.00781	0.002269	0.020969
213028_at	NFRKB	-0.00587	0.005585	0.041763
213029_at	NFIB	-0.00727	0.001449	0.014689
213033_s_at	NFIB	-0.00994	1E-05	0.000269
213036_x_at	ATP2A3	0.009101	0.00057	0.007004
213037_x_at	STAU1	-0.01094	3.52E-07	1.92E-05
213045_at	MAST3	-0.00925	0.000711	0.00836
213055_at	CD47	0.011085	0.004108	0.033215
213095_x_at	AIF1	0.013522	0.000568	0.006991
213101_s_at	ACTR3	0.007885	0.000399	0.005306
213102_at	ACTR3	0.010414	0.00251	0.022728
213113_s_at	SLC43A3	0.011874	4.71E-06	0.000148
213129_s_at	GCSH	-0.00954	0.000144	0.002347
213132_s_at	MCAT	-0.01046	0.000323	0.004514
213133_s_at	GCSH	-0.0114	1.73E-06	6.79E-05
213136_at	PTPN2	0.009358	0.001548	0.015474
213140_s_at	SS18L1	-0.0131	3.61E-06	0.000122
213143_at	C2orf72	-0.00653	0.004612	0.036201
213149_at	DLAT	-0.01102	7.2E-05	0.001338
213151_s_at	SEPT7	0.008649	0.001063	0.011528
213176_s_at	LTBP4	0.006235	0.003916	0.032094
213180_s_at	GOSR2	-0.00993	0.003444	0.02914
213181_s_at	MOCS1	-0.00908	0.000393	0.005246
213193_x_at	TRBC1	0.036959	1.43E-08	1.75E-06
213194_at	ROBO1	0.011345	0.002976	0.025918
213210_at	TAF6L	-0.00775	0.004804	0.037328
213214_x_at	ACTG1	0.002729	0.006286	0.045462
213221_s_at	SIK2	-0.00761	0.000195	0.003008
213247_at	SVPE1	0.012285	0.003631	0.030325
213262_at	SACS	0.013183	0.000342	0.004704
213263_s_at	PCBP2	-0.00978	0.004315	0.03445
213264_at	PCBP2	-0.01251	1.69E-09	3.58E-07
213274_s_at	CTSB	-0.01604	8.44E-05	0.001528
213275_x_at	CTSB	-0.00946	0.000141	0.002305
213282_at	APOOL	-0.00893	8.46E-05	0.001531
213289_at	APOOL	-0.01328	0.001562	0.015575
213293_s_at	TRIM22	0.019425	1.42E-06	5.83E-05
213308_at	SHANK2	-0.00661	0.00469	0.036669
213332_at	PAPPA2	0.025225	2.79E-08	2.84E-06
213338_at	TMEM158	0.007513	0.003836	0.031594
213362_at	PTPRD	-0.0089	0.000296	0.004213
213365_at	ERI2	-0.0128	8.46E-06	0.000235
213366_x_at	ATP5C1	-0.00764	5.18E-05	0.00102
213374_x_at	HIBCH	-0.01954	1.39E-10	6.52E-08
213377_x_at	RPS12	0.010714	8.34E-08	6.27E-06
213381_at	C10orf72	-0.01749	0.000332	0.004603
213383_at	SBF1	-0.0103	3.72E-05	0.000769
213385_at	CHN2	-0.01002	0.002607	0.023352

213407_at	PHLPP2	-0.00874	0.00613	0.044829
213408_s_at	PI4KA	-0.00723	0.000538	0.006699
213414_s_at	RPS19	0.012461	0.006257	0.045415
213418_at	HSPA6	0.016291	0.004638	0.036293
213423_x_at	TUSC3	0.013125	0.000331	0.004596
213430_at	RUFY3	-0.0096	8.44E-05	0.001528
213437_at	RUFY3	-0.01178	0.003728	0.030909
213440_at	RAB1A	-0.00841	2.84E-06	0.0001
213448_at		-0.01026	0.004456	0.035278
213454_at	APITD1	-0.01375	8.34E-07	3.9E-05
213475_s_at	ITGAL	0.009619	0.002633	0.023506
213483_at	PPWD1	0.006227	0.006556	0.046825
213488_at	SNED1	0.009405	0.001904	0.018277
213501_at	ACOX1	-0.01596	1.98E-06	7.51E-05
213503_x_at	ANXA2	0.018378	9.27E-08	6.87E-06
213504_at	COPS6	-0.01046	8.6E-05	0.001547
213509_x_at	CES2	-0.01864	1.24E-05	0.000317
213511_s_at	MTMR1	-0.006	0.006979	0.049027
213513_x_at	ARPC2	0.006821	3.29E-05	0.000702
213524_s_at	G0S2	-0.01424	1.48E-07	9.88E-06
213535_s_at	UBE2I	0.004852	0.004365	0.034764
213539_at	CD3D	0.022376	1.3E-06	5.43E-05
213541_s_at	ERG	0.011084	0.000672	0.007992
213552_at	GLCE	-0.00768	0.005415	0.040894
213558_at	PCLO	-0.01109	0.002603	0.023331
213563_s_at	TUBGCP2	-0.00473	0.004834	0.0375
213564_x_at	LDHB	-0.00508	3.47E-05	0.000729
213566_at	RNASE6	0.022964	9.52E-08	7E-06
213587_s_at	ATP6V0E2	-0.01657	5.27E-07	2.66E-05
213591_at	ALDH7A1	-0.01173	0.000413	0.00544
213603_s_at	RAC2	0.025289	3.09E-11	2.15E-08
213616_at	C18orf10	0.008939	0.001518	0.015253
213618_at	ARAP2	1.10E-02	0.001572	0.015655
213620_s_at	ICAM2	0.008287	0.003523	0.029663
213624_at	SMPDL3A	-0.01833	4.84E-09	7.71E-07
213626_at	CBR4	-0.01003	2.86E-06	0.000101
213642_at		0.005337	0.003351	0.028557
213646_x_at	TUBA1B	0.008227	0.001855	0.017968
213651_at	INPP5J	-0.00694	0.002342	0.0215
213657_s_at		-0.02409	3.77E-11	2.33E-08
213658_at		-0.0152	7.76E-05	0.001425
213662_at		0.005058	0.002755	0.024431
213664_at	SLC1A1	-0.01814	1.58E-06	6.32E-05
213667_at	SRCAP	0.004518	0.004076	0.033067
213671_s_at	MARS	0.005391	0.00422	0.033901
213674_x_at	IGHD	0.015105	9.76E-05	0.001713
213686_at	VPS13A	-9.22E-03	0.005684	0.042279
213687_s_at	RPL35A	0.006168	0.000649	0.007799
213692_s_at	VDR	-0.012	0.001054	0.011446

213693_s_at	MUC1	0.013585	0.000387	0.005176
213697_at	HIPK3	-0.00758	0.003148	0.027115
213703_at	LOC150759	0.012796	0.001871	0.018041
213705_at	LOC100509558	-0.0122	6.07E-09	8.95E-07
213706_at	GPD1	-0.02591	3.65E-06	0.000123
213709_at	BHLHB9	-0.00736	0.002555	0.023021
213724_s_at	PDK2	-0.02	3.72E-06	0.000124
213736_at	COX5B	-0.00648	0.0066	0.047028
213738_s_at	ATP5A1	-0.00924	2.13E-06	7.94E-05
213748_at	TRIM66	-0.00694	0.003977	0.032523
213759_at	ARL4C	0.013408	0.000312	0.004382
213760_s_at	ZNF330	-0.00856	0.000199	0.00304
213766_x_at	GNA11	-0.00787	0.00063	0.007598
213792_s_at	INSR	-0.01491	9.7E-06	0.000263
213797_at	RSAD2	0.012333	0.000688	0.008132
213800_at	CFH	0.019365	2.72E-05	0.000599
213801_x_at	RPSA	0.008004	8.81E-06	0.000243
213813_x_at		-0.00699	1.82E-05	0.000431
213816_s_at	MET	0.013325	0.001446	0.014673
213823_at	HOXA11	0.010783	0.000384	0.005141
213834_at	IQSEC3	-0.00771	0.00349	0.029437
213839_at	CLMN	-0.01048	5.54E-05	0.001077
213843_x_at	SLC6A8	-0.01283	0.006867	0.048428
213857_s_at	CD47	0.012699	7.04E-06	0.000204
213859_x_at	SMARCA5	0.004492	0.006672	0.047441
213861_s_at	FAM119B	-0.01722	5.58E-06	0.00017
213864_s_at	NAP1L1	0.00921	3.05E-08	3.04E-06
213869_x_at	THY1	-0.01623	0.000102	0.001767
213874_at	SERPINA4	-0.00864	0.005696	0.042322
213891_s_at	TCF4	0.01221	0.003397	0.028882
213915_at	NKG7	0.009744	0.000323	0.004514
213919_at	DNAJC4	-0.00573	0.006358	0.045801
213921_at	SST	0.015795	1.45E-05	0.000363
213923_at	RAP2B	0.012707	3.49E-05	0.00073
213932_x_at	HLA-A	0.005358	0.000566	0.006972
213933_at	PTGER3	-0.02503	7.72E-11	4.3E-08
213940_s_at	FNBP1	0.009037	9.43E-06	0.000258
213964_x_at		-0.00735	0.002117	0.019865
213967_at	RALYL	-0.02634	1.28E-06	5.37E-05
213975_s_at	LYZ	0.033254	6.75E-07	3.29E-05
213992_at	COL4A6	-0.01247	0.003838	0.031594
213994_s_at	SPON1	0.018878	0.000654	0.00784
214000_s_at	RGS10	0.024402	2.17E-07	1.34E-05
214001_x_at		0.006367	0.000271	0.003918
214003_x_at	RPS20	0.002781	0.006029	0.04428
214013_s_at	TBC1D1	-0.00954	0.000121	0.002043
214016_s_at	LOC100506168	0.006731	0.003771	0.031175
214022_s_at	IFITM1	0.024832	2.4E-07	1.45E-05
214031_s_at	KRT7	0.016462	0.000461	0.00591

214033_at	ABCC6	-0.02183	6.62E-08	5.4E-06
214036_at	EFNA5	1.26E-02	0.000308	0.004351
214039_s_at	LAPTM4B	0.008721	0.000843	0.00955
214043_at	PTPRD	-0.01093	0.000358	0.004866
214045_at	LIAS	-0.00962	0.001458	0.014765
214051_at	TMSB15B	0.013169	4.29E-05	0.000866
214053_at	ERBB4	0.011608	0.005704	0.042365
214069_at	ACSM2A	-0.01983	5.7E-05	0.001102
214085_x_at	GLIPR1	0.007765	0.002005	0.019063
214088_s_at	FUT3	-0.02154	1.95E-08	2.2E-06
214091_s_at	GPX3	-0.00895	4.56E-06	0.000145
214095_at	SHMT2	-0.01131	0.000358	0.004872
214104_at	GPR161	0.006916	0.000459	0.005891
214116_at		-0.00918	0.003634	0.030342
214129_at	PDE4DIP	-0.00599	0.00329	0.028091
214143_x_at	RPL24	0.004012	0.006383	0.04589
214155_s_at	LARP4	-0.00953	0.000701	0.008267
214156_at	MYRIP	-0.01077	0.004037	0.032885
214164_x_at	CA12	-0.00729	0.002227	0.020649
214170_x_at	FH	-0.01175	3.23E-08	3.12E-06
214175_x_at	PDLIM4	0.009545	0.003358	0.02861
214179_s_at	NFE2L1	-0.00628	0.006751	0.047834
214180_at	MAN1C1	-0.00788	0.00528	0.040089
214181_x_at	LST1	0.020906	2.45E-06	8.91E-05
214189_s_at	GGA2	-0.00805	0.002455	0.022304
214190_x_at	GGA2	-0.00775	0.002857	0.025113
214203_s_at	PRODH	-0.01779	3.25E-08	3.12E-06
214204_at	PACRG	-0.0069	0.006599	0.047028
214214_s_at	C1QBP	-0.00895	0.000125	0.002095
214219_x_at	MAP4K1	0.012085	3.44E-05	0.000726
214231_s_at	KIAA0564	-0.0142	2.18E-07	1.34E-05
214234_s_at	CYP3A5	-0.01356	0.001637	0.016206
214236_at	LOC100286895	0.009486	0.005705	0.042365
214247_s_at	DKK3	0.016879	7.73E-05	0.001423
214259_s_at	AKR7A2	-0.01071	0.000116	0.001969
214261_s_at	ADH6	-0.02231	2E-09	4.02E-07
214268_s_at	MTMR4	-0.00949	8.32E-05	0.001508
214274_s_at	ACAA1	-0.02366	3.49E-13	1.29E-09
214277_at	COX11	-0.0129	0.001463	0.014798
214285_at	FABP3	-0.01026	0.00456	0.035897
214298_x_at	SEPT6	0.008485	0.002158	0.020156
214307_at	HGD	-0.01238	4.8E-06	0.00015
214308_s_at	HGD	-0.016	9.63E-05	0.001692
214321_at	NOV	0.021609	4.73E-08	4.24E-06
214329_x_at	TNFSF10	0.011948	0.000276	0.003987
214331_at	TSFM	-0.00881	0.001323	0.013735
214332_s_at	TSFM	-0.01274	6.97E-06	0.000202
214339_s_at	MAP4K1	0.010169	0.00024	0.003555
214342_at	ATXN7L1	-0.01373	1.74E-05	0.000418

214343_s_at	ATXN7L1	-0.01417	0.000222	0.00333
214347_s_at	DDC	-0.02313	1.68E-05	0.000407
214365_at	TPM3	0.006374	0.006766	0.047899
214369_s_at	RASGRP2	0.009207	0.002133	0.019977
214389_at	SLC5A12	-0.02918	3.82E-07	2.05E-05
214423_x_at	ALDOB	-0.02581	1.78E-06	6.89E-05
214424_s_at	ALDOB	-0.03739	9.95E-07	4.48E-05
214433_s_at	SELENBP1	-0.02072	3.14E-11	2.15E-08
214434_at	HSPA12A	-0.01512	3.72E-08	3.52E-06
214437_s_at	SHMT2	-0.01017	0.00253	0.022862
214438_at	HLX	7.77E-03	0.002794	0.024673
214439_x_at	BIN1	-0.01162	0.000185	0.002875
214440_at	NAT1	-0.00876	0.003032	0.026276
214447_at	ETS1	0.0077	0.004019	0.032772
214452_at	BCAT1	0.013302	0.001951	0.018676
214453_s_at	IFI44	0.021664	1.41E-07	9.58E-06
214456_x_at	SAA1	0.014827	2.75E-05	0.000603
214459_x_at	HLA-C	0.010664	0.001067	0.011555
214467_at	GPR65	0.009811	0.005486	0.041205
214470_at	KLRB1	0.019954	2.58E-07	1.53E-05
214475_x_at	CAPN3	-2.72E-02	4.39E-08	4.03E-06
214490_at	ARSF	-0.02097	1.73E-07	1.1E-05
214493_s_at	INADL	-0.00721	0.000946	0.010483
214505_s_at	FHL1	0.015681	0.002739	0.024342
214511_x_at	FCGR1B	0.00961	0.004235	0.034011
214512_s_at	SUB1	0.00728	0.001843	0.017871
214533_at	CMA1	0.007139	0.006337	0.045713
214537_at	HIST1H1D	0.014411	5.63E-05	0.001092
214545_s_at	PROSC	-0.01197	0.00084	0.009534
214560_at	FPR3	0.017013	0.000289	0.004133
214567_s_at	XCL1	0.013398	0.000404	0.005349
214574_x_at	LST1	0.021714	1.15E-06	4.97E-05
214581_x_at	TNFRSF21	-0.01228	0.001813	0.017641
214583_at	DDI2	-0.00749	0.000567	0.006976
214587_at	COL8A1	0.010844	0.000378	0.005096
214596_at	CHRM3	-0.01332	0.000907	0.010131
214597_at	SSTR2	-0.01253	0.000599	0.00729
214598_at	CLDN8	-0.01058	0.004425	0.035078
214617_at	PRF1	0.011695	4.69E-05	0.000936
214651_s_at	HOXA10	-0.00702	0.006896	0.048567
214669_x_at	IGKC	0.033301	1.14E-05	0.000297
214677_x_at	IGLV1-44	0.03495	8.6E-05	0.001547
214681_at	GK	-0.02082	1.61E-07	1.04E-05
214686_at	ZNF266	0.011387	0.000968	0.010682
214696_at	C17orf91	-0.01728	1.07E-07	7.75E-06
214697_s_at	ROD1	0.010153	0.003287	0.028077
214701_s_at	FN1	0.014153	0.001101	0.011855
214719_at	SLC46A3	-0.00699	0.000517	0.006509
214723_x_at	ANKRD36	0.014034	0.00187	0.018041

214724_at	DIXDC1	-0.00903	0.00108	0.011672
214748_at	N4BP2L2	-0.00696	0.00635	0.045781
214749_s_at	ARMCX6	0.009407	7.64E-05	0.00141
214755_at	UAP1L1	-0.01261	4.59E-05	0.000918
214763_at	ACOT11	-0.01687	2.6E-07	1.53E-05
214766_s_at	AHCTF1	-0.00536	0.004358	0.034737
214767_s_at	HSPB6	0.01898	0.001564	0.015592
214768_x_at	IGKV1-5	0.024623	2.41E-05	0.000541
214776_x_at	XYLB	-0.02156	1.89E-08	2.16E-06
214777_at	IGKV4-1	0.022816	3.7E-06	0.000124
214786_at	MAP3K1	0.009374	0.004505	0.035585
214791_at	SP140L	0.016114	8.31E-05	0.001508
214797_s_at	CDK18	-0.01025	0.000242	0.00358
214798_at	ATP2C2	-0.00622	0.00301	0.026168
214807_at		-0.0082	0.003097	0.026762
214827_at	PARD6B	-0.00997	1.27E-05	0.000322
214829_at	AASS	-0.01417	0.000898	0.01005
214832_at	HNF4A	-0.01947	1.06E-05	0.000281
214836_x_at	IGK@	0.025187	0.000102	0.00177
214842_s_at		-0.02678	0.000552	0.006819
214844_s_at	DOK5	0.013569	0.000296	0.004213
214851_at	HNF4A	-0.01024	0.00548	0.041205
214864_s_at	GRHPR	-0.01516	1.14E-07	8.18E-06
214869_x_at	GAPVD1	-0.00903	0.000157	0.002515
214883_at	THRA	-0.00644	0.003078	0.026618
214905_at	RASGRF1	-0.00455	0.004425	0.035078
214910_s_at	APOM	-0.02435	5.34E-05	0.001046
214916_x_at	IGHA1	0.021803	6.59E-06	0.000193
214919_s_at	ANKHD1-EIF4EBP3	-0.00772	0.003539	0.029743
214923_at	ATP6V1D	-0.01239	0.000738	0.008607
214927_at	ITGBL1	0.015205	0.003108	0.026836
214944_at	PHLPP2	-0.00884	0.003835	0.031594
214973_x_at	IGHD	0.028696	2.75E-06	9.78E-05
214994_at	APOBEC3F	0.007927	0.003979	0.032525
214999_s_at	RAB11FIP3	-0.03374	9.22E-09	1.26E-06
215001_s_at	GLUL	0.004602	0.00556	0.041633
215005_at	NECAB2	-0.0189	9.41E-07	4.31E-05
215034_s_at	TM4SF1	0.011081	0.001361	0.014006
215035_at	IGLV6-57	0.005949	0.006464	0.04633
215036_at		0.017966	1.54E-05	0.000382
215038_s_at	SETD2	-0.00785	0.002946	0.025713
215045_at	CELF3	-0.00882	9.42E-05	0.001663
215049_x_at	CD163	0.019645	2.5E-05	0.000555
215051_x_at	AIF1	0.013842	6.9E-05	0.001288
215073_s_at	NR2F2	0.007418	0.004844	0.037561
215076_s_at	COL3A1	0.023308	3.47E-05	0.000729
215088_s_at	SDHC	-0.00463	0.000719	0.008426
215118_s_at	IGHA1	9.72E-03	0.00094	0.010441
215121_x_at	IGLC7	0.033172	2.04E-05	0.000474

215125_s_at	UGT1A1	-0.01662	9.63E-06	0.000262
215126_at		-0.01177	0.006754	0.047834
215128_at		-0.00966	0.005143	0.039247
215176_x_at	IGK@	0.039226	3.99E-06	0.000131
215177_s_at	ITGA6	-0.00764	0.001151	0.012263
215193_x_at	HLA-DRB1	0.016608	0.002186	0.02031
215195_at	PRKCA	-6.96E-03	0.006412	0.046015
215210_s_at	DLST	-0.0152	1.73E-09	3.63E-07
215214_at	IGL@	0.013676	0.002773	0.024544
215217_at	IGKC	0.044013	7.65E-07	3.63E-05
215227_x_at	ACP1	-0.00585	0.005424	0.040908
215239_x_at	ZNF273	0.006219	3.98E-05	0.000817
215274_at	SLC12A3	-0.01794	0.000149	0.002401
215286_s_at	PHTF2	0.008692	0.000652	0.007824
215300_s_at	FMO5	-0.02198	4.69E-06	0.000148
215313_x_at	HLA-A	8.01E-03	0.001027	0.01121
215321_at	RUNDC3B	-0.00984	0.000381	0.005123
215363_x_at	FOLH1	-0.02942	1.37E-07	9.43E-06
215379_x_at	IGLC7	0.027346	0.00018	0.002812
215382_x_at	LOC100507804	0.019183	4.25E-06	0.000139
215388_s_at	CFH	0.026286	3.22E-08	3.12E-06
215422_at		-0.00921	0.000146	0.002372
215436_at	HSDL2	-0.01113	0.004379	0.034813
215450_at	SNRPE	0.004353	0.001905	0.018278
215471_s_at	MAP7	-0.01662	4.51E-07	2.33E-05
215490_at	C1orf69	-0.00695	0.006336	0.045713
215493_x_at	BTN2A1	0.0088	0.001693	0.016665
215535_s_at	AGPAT1	-7.86E-03	0.002136	0.019997
215559_at	ABCC6	-2.22E-02	5.72E-08	4.88E-06
215565_at		0.011271	0.000843	0.00955
215603_x_at	GGT1	-0.00973	0.001076	0.011631
215633_x_at	LST1	0.014522	2.81E-05	0.000615
215646_s_at	VCAN	0.038999	4.15E-07	2.18E-05
215649_s_at	MVK	-0.00707	0.007074	0.049497
215672_s_at	AHCYL2	-0.01375	0.000194	0.002996
215692_s_at	MPPED2	-0.01225	0.000436	0.005682
215707_s_at	PRNP	-0.01301	0.000537	0.006694
215719_x_at	FAS	0.02123	1.16E-08	1.48E-06
215726_s_at	CYB5A	-0.0197	3.25E-12	4.26E-09
215739_s_at	TUBGCP3	-0.00963	0.00557	0.041678
215758_x_at	ZNF93	0.006629	0.003128	0.026963
215772_x_at	SUCLG2	-0.01679	3.02E-08	3.03E-06
215774_s_at	SUCLG2	-0.01333	0.000688	0.008132
215783_s_at	ALPL	-2.09E-02	1.07E-06	4.72E-05
215784_at	CD1E	0.027374	1.1E-06	4.84E-05
215785_s_at	CYFIP2	-0.01502	7.63E-07	3.63E-05
215792_s_at	DNAJC11	-0.00761	0.000189	0.002923
215794_x_at	GLUD2	-0.01334	8.1E-05	0.001477
215798_at	ALDH1L1	-0.00791	0.006326	0.045669

215867_x_at	CA12	-0.00774	0.006755	0.047834
215891_s_at	GM2A	0.009619	0.007156	0.04999
215946_x_at	IGLL3P	0.016615	0.000619	0.0075
215949_x_at	IGHM	0.01029	0.00386	0.031716
215959_at	PPFIBP2	-0.01012	0.000332	0.004602
215966_x_at	GK3P	-0.02241	2.33E-07	1.42E-05
215967_s_at	LY9	0.011856	0.000249	0.003659
215975_x_at		-0.01836	4.19E-05	0.00085
215977_x_at	GK	-0.02241	1.06E-05	0.000281
216013_at	ZXDB	-0.00751	0.004284	0.03428
216024_at	DNM2	-0.0102	3.5E-06	0.000119
216036_x_at	WDTC1	-0.00733	1.16E-05	0.000302
216092_s_at	SLC7A8	-0.023	9.86E-07	4.45E-05
216179_x_at		-0.01178	5.98E-06	0.000179
216191_s_at	TRDV3	0.013702	0.000128	0.002127
216207_x_at	IGKC	0.027545	3.41E-06	0.000117
216212_s_at	DKC1	0.00676	0.004815	0.037404
216218_s_at	PLCL2	-0.01136	0.001221	0.012861
216223_at	CPN2	-0.02602	9.63E-07	4.4E-05
216224_s_at	HDAC6	-0.01233	2.3E-07	1.4E-05
216231_s_at	B2M	0.010411	0.004249	0.034085
216237_s_at	MCM5	0.00619	0.005514	0.041346
216252_x_at	FAS	0.016158	1.45E-06	5.94E-05
216308_x_at	GRHPR	-0.01612	7.96E-07	3.76E-05
216316_x_at	GK	-0.01475	0.000462	0.005916
216318_at	IGHA1	0.015681	2.04E-06	7.67E-05
216320_x_at	MST1	-1.19E-02	0.000552	0.006821
216342_x_at		0.004843	0.000544	0.006749
216363_at		0.006118	0.005533	0.041473
216365_x_at	IGLV3-19	0.014067	7.24E-07	3.48E-05
216379_x_at	CD24	0.008907	0.000572	0.007013
216381_x_at	AKR7A3	-0.02949	1.04E-11	1E-08
216384_x_at	LOC441454	0.005988	7.6E-05	0.001405
216394_x_at		0.007909	0.002045	0.019371
216401_x_at		0.018073	0.000112	0.001923
216412_x_at	IGLV1-40	0.007327	0.005687	0.042285
216425_at		-0.01143	0.000672	0.007992
216438_s_at	TMSB4X	0.016109	4E-07	2.13E-05
216442_x_at	FN1	0.014721	0.000109	0.001873
216445_at		0.006364	0.003982	0.032528
216452_at	TRPM3	-0.01689	1.47E-08	1.79E-06
216474_x_at	TPSAB1	0.021383	6.94E-08	5.58E-06
216484_x_at	HDGF	-0.00441	0.00708	0.049523
216485_s_at	TPSAB1	0.008709	0.003685	0.030677
216489_at	TRPM3	-0.01804	3.63E-06	0.000123
216491_x_at	IGHM	0.027078	7.51E-05	0.00139
216495_x_at		0.008586	0.001692	0.01666
216505_x_at		0.008103	0.000777	0.008976
216510_x_at	IGHA1	0.021001	8.22E-05	0.001495

216515_x_at	MIR1244-1	0.007304	5.14E-06	0.00016
216526_x_at	HLA-C	0.010561	6.05E-06	0.000181
216541_x_at	IGHG1	0.009388	0.002928	0.025587
216542_x_at	IGHA1	0.026944	3.04E-06	0.000106
216557_x_at	IGHA1	0.02736	2.03E-05	0.000472
216560_x_at	IGL@	0.016087	5.76E-05	0.001111
216563_at	ANKRD12	0.007427	0.000655	0.007845
216565_x_at		0.01688	1.62E-07	1.05E-05
216566_at		0.010572	0.000933	0.010376
216576_x_at	IGK@	0.032491	6.52E-06	0.000192
216591_s_at	SDHC	-0.01149	0.004198	0.033777
216599_x_at	SLC22A6	-0.02675	2.89E-06	0.000101
216600_x_at	ALDOB	-0.02441	4.24E-06	0.000138
216603_at	SLC7A8	-0.02432	0.001415	0.014413
216604_s_at	SLC7A8	-0.0226	6.02E-06	0.00018
216609_at	TXN	-0.01081	5.08E-07	2.59E-05
216615_s_at	HTR3A	-0.00536	0.006104	0.04466
216638_s_at	PRLR	-0.02627	4.92E-08	4.37E-06
216696_s_at	PRODH2	-0.02425	4.49E-05	0.000903
216708_x_at	LOC100287927	0.021876	2.64E-06	9.5E-05
216714_at	CCL13	0.009518	0.001999	0.019019
216733_s_at	GATM	-0.01834	5.43E-08	4.72E-06
216789_at		-0.00632	0.006141	0.044883
216806_at		5.61E-03	0.002775	0.02455
216823_at	RPS3A	0.008081	0.000316	0.004441
216829_at	IGK@	0.006002	0.006776	0.047939
216834_at	RGS1	0.018627	3.61E-05	0.000751
216835_s_at	DOK1	0.006821	0.001703	0.01674
216852_x_at	IGL@	0.01562	0.000145	0.00236
216853_x_at	IGLV3-19	0.012102	0.000201	0.003068
216865_at	COL14A1	0.015695	1.31E-05	0.000332
216866_s_at	COL14A1	0.017553	4.2E-05	0.000851
216886_at	CHRNA4	-0.01442	1.5E-05	0.000372
216889_s_at	HNF4A	-0.01633	7.8E-06	0.00022
216903_s_at	CBARA1	-0.01515	7.17E-07	3.46E-05
216910_at	XPNPEP2	-0.0414	1.04E-08	1.36E-06
216954_x_at	ATP5O	-0.00388	0.00304	0.026333
216958_s_at	IVD	-0.00918	0.002026	0.019234
216962_at	RPAIN	-0.01232	6.6E-08	5.4E-06
216984_x_at	IGLV2-23	0.019857	3.96E-06	0.00013
216985_s_at	STX3	-0.00918	0.001036	0.011277
217013_at	AZGP1P1	-0.00531	0.006898	0.04857
217014_s_at	AZGP1	-0.0302	3.82E-06	0.000127
217022_s_at	IGHA1	0.041553	1.33E-06	5.52E-05
217023_x_at	TPSAB1	0.019624	5.21E-08	4.57E-06
217028_at	CXCR4	0.027584	3.44E-07	1.9E-05
217036_at		0.016253	1.94E-05	0.000453
217053_x_at	ETV1	0.006605	0.004613	0.036201
217118_s_at	C22orf9	0.006968	0.003997	0.032643

217127_at	CTH	-0.01764	6.23E-06	0.000185
217138_x_at		0.038576	1.74E-05	0.000418
217140_s_at	VDAC1	-0.00891	6.5E-06	0.000191
217148_x_at		0.032413	8.47E-07	3.95E-05
217157_x_at	IGK@	0.022781	4.45E-06	0.000143
217167_x_at	GK	-0.02287	6.26E-07	3.11E-05
217179_x_at		0.013424	0.000187	0.002897
217180_at		0.009166	0.000825	0.009395
217192_s_at	PRDM1	0.012812	0.000503	0.006363
217193_x_at		0.010328	0.004032	0.032857
217222_at	IGHG1	0.013881	0.002213	0.020525
217227_x_at	IGLV1-40	9.10E-03	0.001876	0.018056
217235_x_at	IGLL5	0.027613	1.43E-07	9.64E-06
217236_x_at	IGHA1	0.007449	0.001376	0.014123
217238_s_at	ALDOB	-0.0247	9.45E-07	4.32E-05
217239_x_at	LOC100508797	0.012233	0.000505	0.006381
217248_s_at	SLC7A8	-2.73E-02	1.19E-05	0.000308
217251_x_at		0.023368	0.000151	0.002435
217257_at	SH3BP2	-0.02114	3.39E-09	5.95E-07
217258_x_at	IGLV1-40	0.013876	0.000155	0.00249
217260_x_at	IGHG1	0.028168	3.14E-06	0.000109
217281_x_at	IGHA1	0.025594	1.47E-05	0.000368
217288_at		-0.01211	8.56E-05	0.001544
217313_at		0.005971	0.000797	0.009134
217319_x_at	CYP4A22	-0.02287	5.29E-07	2.67E-05
217328_at		0.005639	0.00141	0.014373
217360_x_at	IGHA1	0.010864	0.000168	0.002671
217362_x_at	HLA-DRB6	0.013555	2.53E-05	0.000561
217369_at	IGHG1	0.006731	0.004253	0.034108
217378_x_at		0.026351	1.1E-05	0.000289
217388_s_at	KYNU	-0.01646	0.000111	0.001893
217416_x_at		-0.00535	0.001783	0.01744
217418_x_at	MS4A1	0.022669	9.83E-05	0.001723
217419_x_at	AGRN	0.009223	0.004986	0.038369
217427_s_at	HIRA	-0.01086	0.002273	0.020994
217456_x_at	HLA-E	8.25E-03	0.000921	0.010254
217478_s_at	HLA-DMA	0.013895	0.005363	0.040561
217480_x_at	IGKC	0.021136	5.98E-05	0.001144
217483_at	FOLH1	-0.02047	3.69E-07	2E-05
217487_x_at	FOLH1	-0.01256	0.001659	0.016395
217496_s_at	IDE	-0.00641	0.006914	0.048646
217503_at	STK17B	0.018472	3.14E-05	0.000677
217512_at	KNG1	-0.02264	6.94E-07	3.36E-05
217513_at	C17orf60	0.007289	0.003471	0.029298
217517_x_at	SRPK2	0.005723	0.003155	0.027154
217530_at	SLC34A1	-0.0256	3.93E-06	0.00013
217556_at	CLCN4	-0.00577	0.005024	0.03859
217583_at	PAH	-0.02261	8.45E-06	0.000235
217599_s_at	MDFIC	0.00592	0.006855	0.04836

217606_at		-7.13E-03	0.005238	0.039851
217612_at	TIMM50	-0.00836	0.005477	0.041205
217728_at	S100A6	0.02462	9.2E-13	1.86E-09
217733_s_at	TMSB10	0.019686	4.4E-06	0.000142
217744_s_at	PERP	0.010744	0.001487	0.014971
217748_at	ADIPOR1	-0.00535	0.006187	0.045053
217751_at	GSTK1	-0.00836	0.00128	0.013378
217752_s_at	CNDP2	-0.00756	1.1E-05	0.00029
217754_at	DDX56	-0.00761	0.000197	0.003021
217755_at	HN1	0.010097	0.000285	0.004081
217757_at	A2M	0.016045	3.02E-05	0.000656
217761_at	ADI1	-0.01371	3.29E-05	0.000701
217762_s_at	RAB31	0.0158	7.65E-06	0.000217
217763_s_at	RAB31	0.01174	0.00151	0.015182
217764_s_at	RAB31	0.012972	0.000712	0.008363
217767_at	C3	0.026637	5.94E-06	0.000179
217772_s_at	MTCH2	-0.01095	1.98E-06	7.51E-05
217775_s_at	RDH11	-0.00718	0.000648	0.007793
217782_s_at	GPS1	-0.00897	0.001606	0.015922
217788_s_at	GALNT2	-8.90E-03	0.00164	0.016228
217792_at	SNX5	-0.00903	2.74E-05	0.000602
217794_at	PRR13	-0.00619	2.45E-05	0.000546
217796_s_at	NPLOC4	-0.01042	0.000883	0.009921
217808_s_at	MAPKAP1	-0.01365	2.7E-07	1.58E-05
217809_at	BZW2	0.007175	0.002817	0.024842
217820_s_at	ENAH	9.85E-03	0.000977	0.010766
217830_s_at	NSFL1C	-0.00623	0.007036	0.049306
217838_s_at	EVL	0.009942	0.000205	0.003115
217844_at	CTDSP1	-0.0078	0.002627	0.023474
217850_at	GNL3	0.007983	0.000353	0.004816
217868_s_at	METTL9	-0.00589	0.004694	0.036691
217874_at	SUCLG1	-0.01786	2.32E-11	1.91E-08
217889_s_at	CYBRD1	0.011739	0.00579	0.042937
217890_s_at	PARVA	0.008103	0.005974	0.043972
217895_at	PTCD3	-0.00614	0.002896	0.025351
217900_at	IARS2	-0.00763	0.000253	0.003703
217906_at	KLHDC2	-0.00815	0.000785	0.009051
217910_x_at	MLX	-0.00571	0.005676	0.042247
217911_s_at	BAG3	-0.01578	1.15E-05	0.0003
217912_at	DUS1L	-0.00799	0.000165	0.002636
217914_at	TPCN1	-0.01096	0.000319	0.004464
217931_at	CNPY3	0.010917	0.000843	0.00955
217933_s_at	LAP3	-0.00763	0.001109	0.011932
217939_s_at	AFTPH	-0.006	0.00409	0.033101
217940_s_at	CARKD	-0.00599	0.000348	0.004758
217942_at	MRPS35	-0.00743	0.002042	0.01935
217944_at	POMGNT1	-0.00705	0.000148	0.002389
217946_s_at	SAE1	0.005486	0.004433	0.035121
217947_at	CMTM6	0.006481	0.003775	0.031191

217955_at	BCL2L13	-0.00848	0.00372	0.030898
217964_at	TTC19	-0.00692	0.000484	0.006149
217965_s_at	SAP30BP	0.008251	0.001266	0.013255
217966_s_at	FAM129A	0.021178	3.72E-07	2.01E-05
217967_s_at	FAM129A	1.57E-02	1.22E-05	0.000312
217973_at	DCXR	-0.02686	3.02E-10	1.1E-07
217977_at	SEPX1	-0.01749	7.38E-06	0.000211
217979_at	TSPAN13	0.014781	0.00022	0.003297
217980_s_at	MRPL16	-0.00672	0.001329	0.013779
217984_at	RNASET2	0.012111	9.7E-06	0.000263
217985_s_at	BAZ1A	0.010472	0.00113	0.012114
217986_s_at	BAZ1A	0.012536	0.000481	0.006117
217988_at	CCNB1IP1	-0.00726	0.004335	0.034586
218003_s_at	FKBP3	0.004657	0.001137	0.012161
218019_s_at	PDXK	-0.01022	0.001005	0.011013
218021_at	DHRS4	-0.02231	1.71E-05	0.000414
218024_at	BRP44L	-0.00919	0.000627	0.007576
218025_s_at	PECI	-0.01634	1.59E-07	1.04E-05
218028_at	ELOVL1	0.005699	0.003335	0.028442
218035_s_at	RBM47	-0.00855	0.00063	0.007604
218066_at	SLC12A7	-0.00707	0.000546	0.006761
218071_s_at	MKRN2	-0.00863	0.000427	0.00559
218084_x_at	FXYD5	0.019518	3.68E-05	0.000763
218086_at	NPDC1	0.010039	0.000245	0.003619
218094_s_at	DBNDD2	0.012463	0.000172	0.002715
218098_at	ARFGEF2	-0.00576	0.002743	0.024354
218099_at	TEX2	-0.00961	0.000187	0.002897
218102_at	DERA	-0.0126	6.43E-08	5.34E-06
218116_at	C9orf78	-0.00622	0.000153	0.002468
218124_at	RETSAT	-0.01127	2.72E-06	9.72E-05
218126_at	FAM82A2	-0.00693	0.0026	0.023331
218145_at	TRIB3	0.005734	0.005872	0.043476
218150_at	ARL5A	-0.00817	0.006528	0.046683
218157_x_at	CDC42SE1	0.012028	0.000254	0.003719
218162_at	OLFML3	0.011677	0.000142	0.002322
218165_at	MEAF6	0.007459	0.001175	0.012494
218167_at	AMZ2	-0.01017	2.54E-06	9.18E-05
218168_s_at	ADCK3	-0.01	0.000548	0.006782
218170_at	ISOC1	-0.00852	0.000764	0.008858
218182_s_at	CLDN1	0.024558	2.36E-07	1.43E-05
218184_at	TULP4	-0.00472	0.005235	0.039844
218192_at	IP6K2	0.008179	2.38E-05	0.000536
218194_at	REXO2	-0.00796	9.91E-06	0.000267
218204_s_at	FYCO1	-0.00831	0.000439	0.005709
218223_s_at	PLEKHO1	0.010359	4.35E-05	0.000877
218225_at	ECSIT	-0.00677	0.004941	0.03811
218232_at	C1QA	0.011216	0.001311	0.013644
218237_s_at	SLC38A1	0.015452	0.000733	0.00857
218245_at	TSKU	-0.01759	7.96E-08	6.09E-06

218254_s_at	SAR1B	-0.0105	7.75E-05	0.001425
218272_at	TTC38	-0.01841	2.71E-08	2.79E-06
218275_at	SLC25A10	-0.01431	1.11E-07	7.98E-06
218285_s_at	BDH2	-0.01216	1.69E-07	1.08E-05
218289_s_at	UBA5	-0.00609	0.007002	0.049112
218292_s_at	PRKAG2	-0.00775	0.001864	0.018007
218299_at	C11orf24	-0.00535	0.004835	0.0375
218308_at	TACC3	0.00554	0.005072	0.038833
218309_at	CAMK2N1	-0.00583	0.000166	0.002641
218313_s_at	GALNT7	0.008254	0.003737	0.030962
218322_s_at	ACSL5	0.011782	1.91E-08	2.17E-06
218328_at	COQ4	-0.00684	0.005631	0.041993
218377_s_at	RWDD2B	-0.00646	0.000193	0.002982
218380_at	LOC728392	0.012157	8.77E-05	0.001569
218392_x_at	SFXN1	-0.01104	1.16E-06	4.99E-05
218394_at	ROGDI	-0.01469	5.54E-05	0.001077
218398_at	MRPS30	-0.00673	0.000372	0.005027
218400_at	OAS3	0.010568	0.000661	0.007905
218414_s_at	NDE1	0.004292	0.005273	0.040053
218418_s_at	KANK2	0.009849	0.000845	0.009565
218440_at	MCCC1	-0.01268	2.62E-08	2.76E-06
218447_at	C16orf61	-0.0052	0.002652	0.023665
218451_at	CDCP1	0.009338	0.001387	0.014202
218455_at	NFS1	-0.01103	3.25E-06	0.000112
218471_s_at	BBS1	-0.0088	0.000143	0.002336
218480_at	AGBL5	-0.0111	0.001236	0.012994
218483_s_at	IFT46	-0.00806	0.006989	0.049047
218487_at	ALAD	-0.01804	6.33E-08	5.29E-06
218489_s_at	ALAD	-0.01676	2.38E-05	0.000536
218494_s_at	SLC2A4RG	-0.01525	6.32E-05	0.001197
218499_at	MST4	0.010523	0.006195	0.045083
218511_s_at	PNPO	-0.01478	6.77E-06	0.000198
218512_at	WDR12	-0.00771	0.006593	0.047014
218518_at	FAM13B	8.23E-03	0.002606	0.023352
218523_at	LHPP	-0.01395	5.37E-05	0.00105
218536_at	MRS2	-0.00754	0.001459	0.014765
218541_s_at	C8orf4	0.009993	0.005498	0.041238
218546_at	C1orf115	-0.01113	3.4E-05	0.000719
218549_s_at	FAM82B	-0.00654	0.003016	0.026196
218552_at	ECHDC2	-0.01365	1.43E-07	9.64E-06
218557_at	NIT2	-1.24E-02	0.000339	0.004665
218559_s_at	MAFB	0.012442	0.000456	0.005879
218563_at	NDUFA3	-0.00765	0.000364	0.004937
218565_at	C9orf114	-0.01336	5.24E-06	0.000161
218575_at	ANAPC1	-0.00533	0.00513	0.039207
218576_s_at	DUSP12	0.007226	0.002309	0.021246
218580_x_at	AURKAIP1	-0.00642	0.004907	0.037929
218589_at	LPAR6	0.009326	0.004631	0.03626
218592_s_at	CECR5	-0.00782	0.006015	0.044209

218596_at	TBC1D13	-0.0181	2.09E-08	2.32E-06
218597_s_at	CISD1	-0.00871	1.83E-07	1.15E-05
218600_at	LIMD2	0.007129	0.002895	0.02535
218603_at	HECA	0.008442	0.00235	0.021543
218610_s_at	CPPED1	-0.0095	0.000255	0.003728
218611_at	IER5	0.013229	4.45E-05	0.000895
218614_at	C12orf35	0.011053	0.000579	0.007089
218628_at	CCDC53	-0.00501	0.006801	0.048069
218632_at	HECTD3	-0.00819	2.14E-05	0.000491
218633_x_at	ABHD10	-0.00883	0.001943	0.018607
218640_s_at	PLEKHF2	-0.00868	0.001254	0.013145
218646_at	C4orf27	0.005259	0.006032	0.044287
218647_s_at	YRDC	-0.00668	0.001986	0.018946
218656_s_at	LHFP	0.017749	1.55E-05	0.000383
218661_at	NAT15	-0.0148	2.07E-06	7.74E-05
218665_at	FZD4	-0.00959	0.004385	0.034852
218667_at	PJA1	0.007631	0.003174	0.02728
218671_s_at	ATPIF1	-0.00648	0.00105	0.011412
218676_s_at	PCTP	-0.01265	0.000116	0.001964
218677_at	S100A14	0.011391	4.94E-05	0.000978
218684_at	LRR8D	-0.01183	1.17E-06	5.02E-05
218693_at	TSPAN15	0.01026	2.29E-06	8.41E-05
218699_at	RAB7L1	-0.01334	6.73E-05	0.001262
218700_s_at	RAB7L1	-0.0173	1.17E-05	0.000303
218716_x_at	MTO1	-0.01022	6.54E-06	0.000192
218722_s_at	CCDC51	-0.00692	0.000873	0.009827
218723_s_at	C13orf15	-0.00936	0.004357	0.034737
218747_s_at	TAPBPL	0.009283	0.000604	0.007345
218756_s_at	DHRS11	-0.01506	0.000149	0.002411
218760_at	COQ6	-0.00743	0.00326	0.027876
218773_s_at	MSRB2	-0.01247	5.25E-05	0.001032
218776_s_at	TMEM62	0.007694	0.001774	0.017365
218779_x_at	EPS8L1	0.009385	0.004424	0.035078
218780_at	HOOK2	-0.00768	0.001016	0.01111
218789_s_at	C11orf71	-0.01117	1.51E-05	0.000375
218802_at	CCDC109B	0.009334	0.005919	0.043705
218805_at	GIMAP5	0.013725	0.000289	0.00413
218828_at	PLSCR3	0.005596	0.006198	0.045092
218838_s_at	TTC31	-0.00543	0.006576	0.046936
218844_at	ACSF2	-0.02397	4.65E-10	1.39E-07
218845_at	DUSP22	0.009026	0.001997	0.019008
218848_at	THOC6	0.005561	0.002867	0.025162
218854_at	DSE	0.013658	0.000179	0.002806
218856_at	TNFRSF21	-0.01347	0.003585	0.030066
218858_at	DEPDC6	0.013212	3.48E-06	0.000119
218862_at	ASB13	-0.01481	0.000137	0.002254
218869_at	MLYCD	-0.00817	0.002352	0.021544
218870_at	ARHGAP15	0.02567	1.12E-06	4.89E-05
218872_at	TESC	1.47E-02	2.07E-05	0.00048

218883_s_at	MLF1IP	0.007345	0.003706	0.030804
218887_at	MRPL2	-0.00942	0.002141	0.020025
218893_at	ISOC2	-0.01122	0.000738	0.008607
218897_at	TMEM177	-0.00936	0.001579	0.015705
218921_at	SIGIRR	-0.01333	3.88E-06	0.000129
218931_at	RAB17	-0.0104	3.55E-06	0.000121
218938_at	FBXL15	-0.00527	0.0046	0.036145
218948_at	QRSL1	-0.00948	0.000571	0.007011
218957_s_at	PAAF1	-0.01561	9.73E-07	4.43E-05
218959_at	HOXC10	-0.00681	0.004751	0.037029
218960_at	TMPRSS4	0.020931	4.76E-09	7.64E-07
218966_at	MYO5C	0.009273	0.005453	0.041069
218967_s_at	PTER	-1.34E-02	0.001354	0.013936
218971_s_at	WDR91	-0.00807	0.000227	0.003388
218976_at	DNAJC12	-0.01563	9.33E-05	0.001648
218980_at	FHOD3	-0.01039	0.000685	0.008111
218983_at	C1RL	0.013726	8.03E-06	0.000225
218986_s_at	DDX60	0.00895	0.000814	0.009318
218988_at	SLC35E3	-0.00717	0.003221	0.027577
218995_s_at	EDN1	0.010121	0.002181	0.020275
218996_at	TFPT	0.007523	0.001862	0.018004
218997_at	POLR1E	0.005886	0.00087	0.009798
219008_at	C2orf43	-0.00742	0.004089	0.033101
219013_at	GALNT11	-0.00707	0.000995	0.010926
219014_at	PLAC8	0.021913	6.69E-06	0.000196
219032_x_at	OPN3	-0.00935	1.23E-05	0.000314
219033_at	PARP8	0.013322	0.000492	0.006249
219036_at	CEP70	-0.00726	0.005565	0.041659
219040_at	CORO7	-0.00556	0.00637	0.045834
219049_at	CSGALNACT1	0.0154	6.04E-05	0.001153
219054_at	C5orf23	-0.01886	1.24E-06	5.25E-05
219059_s_at	LYVE1	0.009618	0.005267	0.04002
219076_s_at	PXMP2	-0.02267	1.05E-13	6.59E-10
219077_s_at	WWOX	-0.00831	0.003434	0.029108
219079_at	CYB5R4	0.006623	0.001296	0.013522
219103_at	ASAP3	-0.01427	1.26E-05	0.000322
219112_at	FNIP1	0.006499	0.006157	0.044957
219113_x_at	HSD17B14	-0.01406	1.43E-05	0.00036
219117_s_at	FKBP11	0.012844	0.001992	0.018991
219118_at	FKBP11	0.015113	0.000398	0.005296
219119_at	NAA38	0.008775	0.00209	0.01969
219133_at	OXSM	-0.01056	0.002268	0.020965
219134_at	ELTD1	0.009776	0.005484	0.041205
219140_s_at	RBP4	-0.02677	8.84E-05	0.001579
219147_s_at	C9orf95	-0.01146	0.00042	0.005514
219159_s_at	SLAMF7	0.03405	0.000173	0.002734
219161_s_at	CKLF	0.020874	5.06E-12	5.64E-09
219176_at	C2orf47	-0.01173	1.79E-07	1.13E-05
219183_s_at	CYTH4	0.007512	0.006639	0.04727

219188_s_at	MACROD1	-0.01601	3.93E-09	6.73E-07
219191_s_at	BIN2	0.012425	5.11E-05	0.001008
219194_at	SEMA4G	-0.01127	0.000434	0.005655
219195_at	PPARGC1A	-0.00786	0.000684	0.00811
219200_at	FASTKD3	-0.01029	0.001014	0.011098
219213_at	JAM2	0.016171	1.48E-05	0.00037
219215_s_at	SLC39A4	-0.0194	4.64E-07	2.39E-05
219217_at	NARS2	-0.01113	0.00012	0.002029
219220_x_at	MRPS22	-0.00601	0.001143	0.012192
219229_at	SLCO3A1	0.016599	2.13E-05	0.00049
219243_at	GIMAP4	0.017315	2.98E-07	1.72E-05
219244_s_at	MRPL46	-0.0088	0.00395	0.032314
219246_s_at	OGFOD2	-0.00765	0.003645	0.030422
219255_x_at	IL17RB	-0.01243	0.006173	0.045016
219257_s_at	SPHK1	0.008699	0.001828	0.017759
219268_at	ETNK2	-0.02277	1.79E-08	2.05E-06
219277_s_at	OGDHL	-0.0159	2.27E-06	8.36E-05
219279_at	DOCK10	0.015576	0.000914	0.010186
219281_at	MSRA	-0.02438	2.07E-11	1.77E-08
219298_at	ECHDC3	-0.01697	2.68E-08	2.79E-06
219303_at	RNF219	0.006931	0.003851	0.031672
219307_at	PDSS2	-0.01088	9.34E-06	0.000257
219313_at	GRAMD1C	-0.00704	0.006443	0.046211
219318_x_at	MED31	-0.01495	0.000123	0.002067
219321_at	MPP5	-0.0072	0.005612	0.041882
219340_s_at	CLN8	-0.00899	0.00594	0.043814
219341_at	CLN8	-0.01378	0.000594	0.007241
219345_at	BOLA1	-0.006	0.005365	0.040561
219359_at	ATHL1	0.012403	0.000255	0.003732
219367_s_at		0.012124	9.19E-05	0.001629
219386_s_at	SLAMF8	0.011673	0.002288	0.021106
219387_at	CCDC88A	0.009231	0.001972	0.018834
219395_at	ESRP2	-0.0084	0.001335	0.013824
219401_at	XYLT2	0.006594	0.002885	0.025295
219413_at	ACBD4	-0.00664	0.005972	0.043972
219418_at	NHEJ1	-0.01314	6.75E-07	3.29E-05
219440_at	RAI2	0.014854	2.18E-05	0.000498
219449_s_at	TMEM70	-0.00635	0.004059	0.03299
219452_at	DPEP2	0.009549	0.002751	0.024405
219455_at	C7orf63	-0.00867	0.004239	0.034024
219462_at	TMEM53	-0.00744	0.000457	0.005887
219463_at	C20orf103	0.009161	0.004493	0.035527
219471_at	C13orf18	0.013568	5.75E-05	0.00111
219489_s_at	NXN	0.015978	1.03E-06	4.61E-05
219496_at	ANKRD57	-0.01094	0.002858	0.025113
219498_s_at	BCL11A	0.014519	4.47E-06	0.000143
219505_at	CECR1	0.022498	5.27E-06	0.000162
219511_s_at	SNCAIP	0.011911	0.002266	0.020954
219519_s_at	SIGLEC1	0.008582	0.002302	0.021202

219525_at	SLC47A1	-0.02002	1.46E-06	5.94E-05
219527_at	MOSC2	-0.02308	3.89E-12	4.56E-09
219528_s_at	BCL11B	0.010823	0.000699	0.008238
219541_at	LIME1	-0.00858	0.000848	0.009589
219543_at	PBLD	-0.01143	3.48E-06	0.000119
219550_at	ROBO3	0.010665	0.000126	0.002103
219551_at	EAF2	-0.01522	0.00099	0.010882
219554_at	RHCG	-0.01986	2.94E-05	0.000639
219574_at	MARCH1	0.011101	0.002387	0.021779
219575_s_at	COG8	-0.00698	0.001966	0.018792
219576_at	MAP7D3	0.008659	0.001138	0.012161
219581_at	TSEN2	-0.00955	0.002675	0.0238
219582_at	OGFRL1	0.010831	0.001579	0.015705
219594_at	NINJ2	0.007785	0.003539	0.029743
219607_s_at	MS4A4A	0.023765	1.13E-06	4.92E-05
219610_at	RGNEF	-0.01121	0.000449	0.005809
219615_s_at	KCNK5	-0.01393	0.001245	0.013068
219616_at	ACSS3	-0.01427	9.97E-05	0.001741
219620_x_at	C9orf167	0.00649	0.001861	0.017999
219630_at	PDZK1IP1	-0.01679	0.003441	0.02914
219632_s_at	TRPV1	-0.01432	4.57E-06	0.000145
219655_at	C7orf10	-0.01781	1.02E-05	0.000273
219664_s_at	DECR2	-0.01353	5.28E-05	0.001035
219666_at	MS4A6A	0.01749	0.00032	0.004474
219684_at	RTP4	0.013574	2.72E-06	9.72E-05
219700_at	PLXDC1	0.010948	0.004596	0.03613
219705_at	QSER1	0.007015	0.001988	0.018959
219713_at	SHPK	-0.0086	0.000409	0.005394
219718_at	FGGY	-0.01108	1.22E-05	0.000312
219722_s_at	GDPD3	-0.01837	5.22E-06	0.000161
219723_x_at	AGPAT3	-0.01629	1.76E-05	0.00042
219732_at	LPPR1	-0.0297	6.59E-10	1.75E-07
219739_at	RNF186	-0.0314	1.78E-10	7.32E-08
219744_at	FN3K	-0.02426	4.27E-06	0.000139
219773_at	NOX4	-0.0214	9.62E-06	0.000262
219785_s_at	LOC100288525	-0.01369	0.000706	0.008316
219788_at	PILRA	0.009673	2.46E-05	0.000548
219789_at	NPR3	-0.02281	1.34E-07	9.3E-06
219790_s_at	NPR3	-0.01795	1.06E-05	0.000281
219796_s_at	CDHR5	-0.01664	5.88E-06	0.000177
219799_s_at	DHRS9	0.006909	0.003763	0.031114
219803_at	ANGPTL3	-0.03662	5.08E-09	7.91E-07
219809_at	WDR55	-0.00844	0.000424	0.005561
219817_at	C12orf47	0.008894	0.004126	0.033314
219839_x_at	TCL6	-0.0095	6.29E-05	0.001194
219840_s_at	TCL6	-0.01585	6.88E-06	0.0002
219850_s_at	EHF	1.36E-02	0.000785	0.009047
219864_s_at	RCAN3	0.022124	8.61E-06	0.000238
219867_at	CHODL	1.32E-02	0.000921	0.010254

219872_at	FAM198B	0.016367	3.94E-05	0.00081
219873_at	COLEC11	-0.01801	4.37E-06	0.000141
219876_s_at	GOLGA2B	-0.00856	0.002491	0.022599
219891_at	PGPEP1	-0.0142	1.71E-05	0.000412
219902_at	BHMT2	-0.02283	4.65E-09	7.56E-07
219915_s_at	SLC16A10	-0.02244	1.43E-08	1.75E-06
219945_at	DDX25	-0.01003	0.002356	0.021567
219947_at	CLEC4A	0.010148	0.000443	0.00575
219954_s_at	GBA3	-0.01831	2.37E-05	0.000535
219956_at	GALNT6	0.010243	0.004368	0.034764
219962_at	ACE2	-0.01602	0.000128	0.002132
219970_at	GIPC2	-1.55E-02	0.001084	0.011694
219974_x_at	ECHDC1	-0.00747	2.11E-05	0.000486
219986_s_at	ACAD10	-0.01118	0.000139	0.00229
219998_at	HSPC159	-0.00798	0.002402	0.021875
220002_at	KIF26B	0.011343	1.1E-06	4.83E-05
220005_at	P2RY13	1.57E-02	1.47E-05	0.000368
220020_at	XPNPEP3	-0.01092	7.68E-05	0.001415
220038_at	C8orf44	-0.01076	0.003626	0.030308
220061_at	ACSM5	-0.02491	9.14E-08	6.81E-06
220074_at	CDHR5	-0.009	0.001169	0.012439
220075_s_at	CDHR5	-0.03898	6.28E-10	1.69E-07
220084_at	C14orf105	-0.00795	0.004198	0.033777
220089_at	L2HGDH	-0.01148	8.03E-05	0.001464
220092_s_at	ANTXR1	0.017261	0.000327	0.004543
220094_s_at	CCDC90A	-0.01488	7.54E-13	1.86E-09
220100_at	SLC22A11	-0.02313	7.2E-06	0.000207
220119_at	EPB41L4A	-0.0084	0.006251	0.045387
220128_s_at	NIPAL2	9.25E-03	0.002381	0.021728
220132_s_at	CLEC2D	0.013855	0.000247	0.003629
220135_s_at	SLC7A9	-0.03008	2.62E-07	1.54E-05
220139_at	DNMT3L	-0.01503	5.85E-05	0.001125
220146_at	TLR7	0.009894	0.002583	0.023221
220148_at	ALDH8A1	-0.02035	3.76E-07	2.03E-05
220149_at	C2orf54	-0.02785	1.35E-06	5.59E-05
220150_s_at	FAM184A	-0.00741	0.000317	0.004441
220156_at	EFCAB1	0.006815	0.003591	0.030086
220177_s_at	TMPRSS3	0.009644	0.003448	0.029143
220178_at	C19orf28	-0.01334	5.96E-05	0.001142
220186_s_at	CDHR2	-0.02114	2.1E-08	2.32E-06
220252_x_at	CXorf21	0.006936	0.005226	0.039789
220260_at	TBC1D19	-0.00641	0.004827	0.037479
220263_at	SMAD5OS	-0.00714	0.006989	0.049047
220285_at	FAM108B1	-0.00935	0.000694	0.008199
220297_at	BTBD7	-8.33E-03	0.001456	0.01475
220303_at	PDZD3	-0.01744	1.19E-07	8.48E-06
220310_at	TUBAL3	-0.02628	1.37E-07	9.45E-06
220329_s_at	RMND1	-0.00917	0.000761	0.00883
220330_s_at	SAMSN1	0.018689	0.000178	0.00279

220333_at	PAQR5	-0.01548	3.49E-05	0.00073
220357_s_at	SGK2	-0.01453	2.9E-09	5.39E-07
220358_at	BATF3	0.007318	0.002239	0.020718
220365_at	ALLC	-0.01139	0.00067	0.007983
220372_at	DNAJC28	-0.01098	0.000157	0.002519
220376_at	LRRC19	-0.01436	0.000245	0.003617
220407_s_at	TGFB2	0.013438	0.000124	0.002074
220465_at	LOC80054	-0.00771	6.79E-05	0.001271
220507_s_at	UPB1	-0.03731	9.36E-12	9.48E-09
220516_at	ZSCAN2	-0.00565	0.003602	0.030141
220554_at	SLC22A7	-1.42E-02	3.67E-06	0.000123
220567_at	IKZF2	0.009883	0.000446	0.005773
220577_at	GVINP1	0.010852	0.004966	0.038243
220591_s_at	EFHC2	0.014053	2.68E-06	9.59E-05
220604_x_at	FTCD	-0.02863	1.61E-08	1.92E-06
220617_s_at	ZNF532	0.009135	0.001215	0.012821
220642_x_at	GPR89A	-0.01442	3.27E-06	0.000113
220671_at	CCRN4L	-0.02295	1.75E-09	3.64E-07
220675_s_at	PNPLA3	-0.01137	0.001407	0.014346
220723_s_at	CWH43	-0.01621	0.000181	0.002818
220727_at	KCNK10	-0.01911	2.18E-07	1.34E-05
220731_s_at	NECAP2	6.21E-03	0.000204	0.003105
220740_s_at	SLC12A6	-0.01478	4.04E-07	2.15E-05
220741_s_at	PPA2	-0.00615	0.005452	0.041069
220753_s_at	CRYL1	-0.02136	1.74E-08	2.02E-06
220773_s_at	GPHN	-0.01997	1.99E-06	7.53E-05
220801_s_at	HAO2	-0.03757	1.62E-10	6.96E-08
220809_at		-0.00624	0.002301	0.021202
220812_s_at	HHLA2	-0.01181	0.003733	0.030938
220819_at	FRMD1	-0.01296	2.42E-05	0.000542
220865_s_at	PDSS1	-0.01061	0.001502	0.015117
220892_s_at	PSAT1	-0.02711	7.85E-06	0.000221
220915_s_at		-7.52E-03	0.005498	0.041238
220930_s_at	MGC5590	-1.01E-02	0.0016	0.015874
220934_s_at	TMEM223	-8.17E-03	0.002232	0.020669
220951_s_at	A1CF	-0.02537	2.45E-06	8.91E-05
220988_s_at	C1QTNF3	0.014609	9.87E-05	0.001727
220989_s_at	AMN	-0.00638	0.007024	0.049239
220999_s_at	CYFIP2	-0.01227	1.61E-05	0.000394
221004_s_at	ITM2C	0.023717	5.46E-09	8.33E-07
221006_s_at	SNX27	-0.01269	3.34E-05	0.000709
221008_s_at	AGXT2L1	-0.02315	0.000126	0.002103
221011_s_at	LBH	0.008323	0.003859	0.031716
221015_s_at	CDADC1	-0.01405	1.25E-05	0.000318
221041_s_at	SLC17A5	-0.01153	2.37E-05	0.000535
221042_s_at	CLMN	-0.00752	0.001062	0.011518
221058_s_at	CKLF	0.016315	1.12E-08	1.44E-06
221059_s_at	COTL1	-0.01196	0.00156	0.015566
221069_s_at	TACO1	-0.0155	0.001265	0.013244

221073_s_at	NOD1	0.00569	0.004715	0.036815
221078_s_at	CCDC88A	0.009004	0.00459	0.036107
221087_s_at	APOL3	0.014548	0.000324	0.004515
221092_at	IKZF3	0.015127	6.84E-05	0.001278
221127_s_at	DKK3	0.017608	1.61E-05	0.000393
221142_s_at	PECR	-0.01155	0.000289	0.004128
221163_s_at	MLXIPL	-0.01284	2.49E-08	2.68E-06
221188_s_at	CIDEB	-0.01251	4.62E-06	0.000146
221194_s_at	RNFT1	-6.78E-03	0.002071	0.019539
221203_s_at	YEATS2	0.007896	0.001593	0.015814
221210_s_at	NPL	-0.02626	1.39E-07	9.53E-06
221221_s_at	KLHL3	-0.01429	0.001118	0.012009
221223_x_at	CISH	-0.01039	0.000835	0.00949
221230_s_at	ARID4B	0.008899	0.000294	0.004188
221245_s_at	FZD5	-0.01413	2.06E-05	0.000477
221246_x_at	TNS1	-0.00742	0.000511	0.006444
221253_s_at	MUTED	0.01003	0.000667	0.007953
221256_s_at	HDHD3	-0.02215	3.16E-07	1.79E-05
221261_x_at	MAGED4	0.010961	0.000296	0.004211
221268_s_at	SGPP1	-0.00853	0.00279	0.024654
221274_s_at	LMAN2L	-0.00794	0.003707	0.030804
221291_at	ULBP2	0.006033	0.003513	0.029586
221298_s_at	SLC22A8	-0.03193	1.82E-06	6.96E-05
221305_s_at	UGT1A8	-3.39E-02	1.35E-07	9.37E-06
221369_at	MTNR1A	-0.01127	1.17E-05	0.000302
221425_s_at	ISCA1	-0.00653	0.00665	0.047315
221434_s_at	C14orf156	-0.00655	0.000737	0.008607
221437_s_at	MRPS15	-0.00972	0.000144	0.00235
221459_at	TAAR5	0.006396	0.005967	0.043956
221474_at	MYL12B	0.00576	0.001454	0.014732
221479_s_at	BNIP3L	-0.00622	0.002049	0.019399
221498_at	SNX27	-0.00793	0.001521	0.015273
221516_s_at	SMCR7L	-0.01105	0.0004	0.00531
221523_s_at	RRAGD	-0.01096	0.002346	0.021513
221524_s_at	RRAGD	-0.01403	1.49E-07	9.88E-06
221530_s_at	BHLHE41	0.007584	0.006572	0.046926
221533_at	FAM162A	-0.00688	0.000844	0.00955
221541_at	CRISPLD2	0.016987	0.0004	0.005311
221552_at	ABHD6	-0.02046	1.06E-09	2.47E-07
221565_s_at	CALHM2	0.007554	0.0003	0.004262
221572_s_at	SLC26A6	-0.01602	2.5E-08	2.68E-06
221575_at	SCLY	-1.13E-02	0.000138	0.002271
221581_s_at	LAT2	0.006856	0.001306	0.013605
221588_x_at	ALDH6A1	-0.02898	5.84E-16	1.3E-11
221589_s_at	LOC100506517	-0.02673	1.33E-12	2.33E-09
221590_s_at	ALDH6A1	-0.02949	3.24E-11	2.15E-08
221601_s_at	FAIM3	0.017598	1.15E-05	0.000299
221605_s_at	PIPOX	-0.03255	4.07E-10	1.28E-07
221607_x_at	ACTG1	0.004178	0.000624	0.007545

221620_s_at	APOO	-0.00733	0.006727	0.047679
221622_s_at	TMEM126B	-0.00593	0.006362	0.045801
221624_at	TCL6	-0.01144	6.34E-06	0.000187
221627_at	TRIM10	-0.01884	6.59E-07	3.24E-05
221636_s_at	MOSC2	-0.02041	8.19E-11	4.45E-08
221648_s_at	LOC100507192	-0.02036	4.29E-07	2.23E-05
221651_x_at	IGK@	0.031723	0.000113	0.001926
221655_x_at	EPS8L1	0.008565	0.004548	0.035826
221656_s_at	ARHGEF10L	-0.00886	2.7E-05	0.000596
221662_s_at	SLC22A7	-0.00922	0.000522	0.006553
221666_s_at	PYCARD	0.018663	3.98E-07	2.12E-05
221669_s_at	ACAD8	-0.01132	0.001871	0.018041
221671_x_at	IGK@	0.032166	9.94E-05	0.001739
221675_s_at	CHPT1	-0.01035	0.00021	0.003177
221679_s_at	ABHD6	-0.02849	3.17E-08	3.11E-06
221690_s_at	NLRP2	0.008765	0.000966	0.010669
221692_s_at	MRPL34	-0.01017	1.83E-05	0.000433
221698_s_at	CLEC7A	0.013767	0.000236	0.003502
221701_s_at	STRA6	-0.00968	0.001407	0.014346
221731_x_at	VCAN	0.030428	1.45E-06	5.92E-05
221748_s_at	TNS1	-0.00739	0.003298	0.02814
221757_at	PIK3IP1	0.007459	0.003802	0.031379
221766_s_at	FAM46A	0.009525	0.003296	0.028133
221773_at	ELK3	0.017049	0.000107	0.001841
221778_at	JHDM1D	0.007001	0.004516	0.035637
221781_s_at	DNAJC10	0.009388	0.006519	0.04664
221805_at	NEFL	0.020092	0.006721	0.047666
221814_at	GPR124	0.014272	4.5E-05	0.000903
221818_at	INTS5	-0.00592	0.001744	0.017112
221847_at	LOC100129361	-0.00643	0.001046	0.011378
221848_at	ZGPAT	-0.01619	0.00022	0.003308
221868_at	PAIP2B	-0.01014	0.000543	0.006744
221870_at	EHD2	0.019475	6.27E-07	3.11E-05
221875_x_at	HLA-F	0.015939	6.94E-07	3.36E-05
221879_at	CALML4	-0.01213	0.000305	0.004313
221881_s_at	CLIC4	-0.00885	0.005425	0.040908
221891_x_at	HSPA8	-0.00465	1.1E-05	0.00029
221911_at	ETV1	0.019001	8.14E-06	0.000227
221932_s_at	GLRX5	-0.00972	1.57E-06	6.31E-05
221933_at	NLGN4X	0.00583	0.003691	0.030715
221942_s_at	GUCY1A3	0.010628	0.000228	0.003403
221943_x_at	RPL38	0.004627	0.001441	0.014635
221953_s_at	MMP24	-0.00656	0.006184	0.045053
221958_s_at	WLS	-0.00903	3.11E-05	0.000673
221959_at	FAM110B	0.012315	0.000424	0.005562
221968_s_at	ZNF771	-0.00706	0.000961	0.010624
221971_x_at	AGAP10	-0.00699	0.005647	0.04207
221977_at	TBX2	-0.01157	0.001521	0.015273
221981_s_at	WDR59	-0.01306	3.58E-05	0.000746

221998_s_at	VRK3	-0.01221	0.001484	0.014956
222001_x_at	LOC728855	0.011794	6.74E-10	1.77E-07
222020_s_at	NTM	0.01845	4.11E-06	0.000135
222021_x_at	SDHAP1	-0.00654	0.002741	0.02435
222049_s_at	RBP4	-0.02785	0.000131	0.002178
222052_at	C19orf54	-0.00967	0.000217	0.003266
222071_s_at	SLCO4C1	-9.22E-03	0.005091	0.038949
222078_at	PKLR	-0.02436	7.62E-09	1.08E-06
222083_at	GLYAT	-0.0212	7.18E-06	0.000207
222085_at	FAM174B	0.009581	0.001954	0.018701
222088_s_at	SLC2A14	0.015405	0.002306	0.02123
222102_at	GSTA3	-0.00723	0.003933	0.032201
222118_at	CENPN	-0.01019	0.000792	0.009107
222134_at	DDO	-0.01294	0.000209	0.003168
222138_s_at	WDR13	-0.00896	8.69E-05	0.001558
222140_s_at	GPR89A	-0.01057	0.00072	0.008438
222146_s_at	TCF4	0.015333	0.000198	0.003033
222182_s_at	CNOT2	0.004802	0.006473	0.046364
222190_s_at	C16orf58	-0.00949	0.000215	0.003252
222212_s_at	LASS2	-0.01072	0.000159	0.002538
222217_s_at	SLC27A3	0.007975	0.005048	0.038737
222218_s_at	PILRA	0.008495	0.000536	0.006685
222236_s_at	ASAP3	-0.00633	0.002664	0.023728
222257_s_at	ACE2	-0.02073	1.8E-05	0.000428
222269_at	APOOL	-0.01023	0.000417	0.005491
222271_at		0.019996	2.61E-07	1.54E-05
222288_at		0.016532	8.5E-05	0.001534
222291_at	FAM149A	-8.64E-03	0.004745	0.036999
222294_s_at	RAB27A	0.015394	0.00074	0.008622
222324_at		-9.95E-03	0.002891	0.025327
222346_at	LAMA1	-0.00497	0.005452	0.041069
266_s_at	CD24	0.01097	0.000389	0.005202
31835_at	HRG	-0.01374	0.000144	0.002345
31845_at	ELF4	0.012489	0.001002	0.010998
32091_at	SLC25A44	-0.01009	1.66E-05	0.000403
32099_at	SAFB2	-0.0082	0.000269	0.003904
33304_at	ISG20	0.017733	9.45E-06	0.000258
33322_i_at	SFN	0.021319	0.002538	0.022918
33323_r_at	SFN	0.025495	0.001605	0.015922
33494_at	ETFDH	-0.0167	4E-09	6.81E-07
34210_at	CD52	0.035673	1.25E-07	8.83E-06
34408_at	RTN2	0.006406	0.004432	0.035121
34697_at	LRP6	-0.00512	0.006078	0.044557
34726_at	CACNB3	0.009483	0.000107	0.001839
35254_at	TRAFD1	0.00617	0.002619	0.023453
36475_at	GCAT	-0.01081	0.000207	0.003147
36566_at	CTNS	-0.00712	0.006819	0.048162
36920_at	MTM1	-0.00985	0.00052	0.006531
36994_at	ATP6V0C	-0.00717	0.000442	0.005739

37005_at	NBL1	0.010652	0.002959	0.025799
37022_at	PRELP	0.005424	0.000578	0.007078
37145_at	GNLY	0.008758	0.002898	0.025358
37201_at	ITIH4	-0.00736	0.00636	0.045801
37408_at	MRC2	0.010651	0.001402	0.014321
37590_g_at		-0.02189	4.2E-09	6.98E-07
38149_at	ARHGAP25	0.023104	8.77E-08	6.55E-06
38158_at	ESPL1	-0.01407	3.51E-07	1.92E-05
38487_at	STAB1	0.011826	0.001525	0.015305
38671_at	PLXND1	0.008385	0.001344	0.013868
39402_at	IL1B	0.011072	0.001136	0.01216
39729_at	PRDX2	-0.00775	3.49E-05	0.00073
39817_s_at	C6orf108	-0.01226	0.00135	0.013912
40016_g_at	MAST4	-0.01307	2.74E-06	9.77E-05
40225_at	GAK	-0.00736	0.003432	0.029103
40273_at	SPHK2	-0.01318	3.82E-05	0.000787
40665_at	FMO3	1.28E-02	0.002875	0.025225
41577_at	PPP1R16B	-0.02726	2.92E-11	2.15E-08
41660_at	CELSR1	-0.01416	2E-06	7.53E-05
44065_at	C12orf52	-0.01065	0.000683	0.008096
44120_at	ADCK2	0.006986	0.002566	0.023113
44673_at	SIGLEC1	0.011806	0.000324	0.004515
44696_at	TBC1D13	-0.01851	1.99E-09	4.02E-07
44790_s_at	C13orf18	0.023324	2.42E-06	8.85E-05
45288_at	ABHD6	-0.02072	3.16E-09	5.68E-07
45297_at	EHD2	0.013266	4.22E-05	0.000852
45526_g_at	NAT15	-0.00759	0.001517	0.015249
46665_at	SEMA4C	0.009855	0.000351	0.004802
47069_at	PRR5	-0.01151	0.003022	0.026235
47560_at	LPHN1	0.008206	0.003348	0.028546
49306_at	RASSF4	-0.00997	0.000205	0.003118
49329_at	KLHL22	-0.00485	0.005678	0.042247
49679_s_at	MMP24	-0.0073	0.004045	0.032897
51158_at	FAM174B	0.008627	0.001822	0.017717
52940_at	LOC100294402	-0.01689	7.64E-07	3.63E-05
53720_at	C19orf66	0.006592	0.006192	0.045077
56748_at	TRIM10	-0.00944	0.000644	0.007752
56829_at	TRAPPC9	-0.00462	0.005021	0.038582
57539_at	ZGPAT	-0.01893	5.62E-05	0.001091
57540_at	RBKS	-0.00819	0.001003	0.010999
57715_at	CALHM2	0.005593	0.003887	0.031906
59625_at	NOL3	-7.65E-03	0.004851	0.037585
632_at	GSK3A	-8.59E-03	0.000606	0.007361
64064_at	GIMAP5	0.013066	0.000206	0.003126
64371_at	SUGP2	-0.00799	0.006171	0.04501
64408_s_at	CALML4	-0.0131	0.00018	0.00281
65718_at	GPR124	0.00495	0.002511	0.022728
78047_s_at		-0.00645	0.005013	0.038559
89977_at	ACSM5	-0.02223	3.58E-06	0.000121

90610_at	LRCH4	0.007209	0.005424	0.040908
91703_at	EHBP1L1	0.008951	0.000627	0.007579
AFFX-HUMGAPL	GAPDH	-0.00796	0.000186	0.002893
AFFX-HUMISGF:	STAT1	0.011104	0.000256	0.003737
AFFX-HUMISGF:	STAT1	0.011565	0.000455	0.005876
AFFX-HUMISGF:	STAT1	0.010813	0.000156	0.0025